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ALBANY PROJECT
BLOCK 4F

2012 Assessment Report
Phase II Diamond Drill Program
Porcupine Mining District, Ontario
Pitopiko River, Feagan Lake Townships
NTS: 42K/01,02, 42F/15,16

ZENYATTA VENTURES
1224 Amber Drive
Thunder Bay, ON
P7B 6M5

August 20, 2012

Glenda Carey, B.Sc.

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1.0 Summary

This report summarizes the 2012 diamond drilling program completed on Zenyatta Venture's Albany Project, ***Block 4F***. The 4F claim block is located in northwestern Ontario, Canada (*see Figures 1a, 1b)*. Block 4F is part of Zenyatta's group of 28 claim blocks. The claim blocks are all located within in the Porcupine Mining District of Ontario, and are presently held 25% by Zenyatta and 75% by Cliffs Natural Resources Exploration Canada Inc (CNRECI).

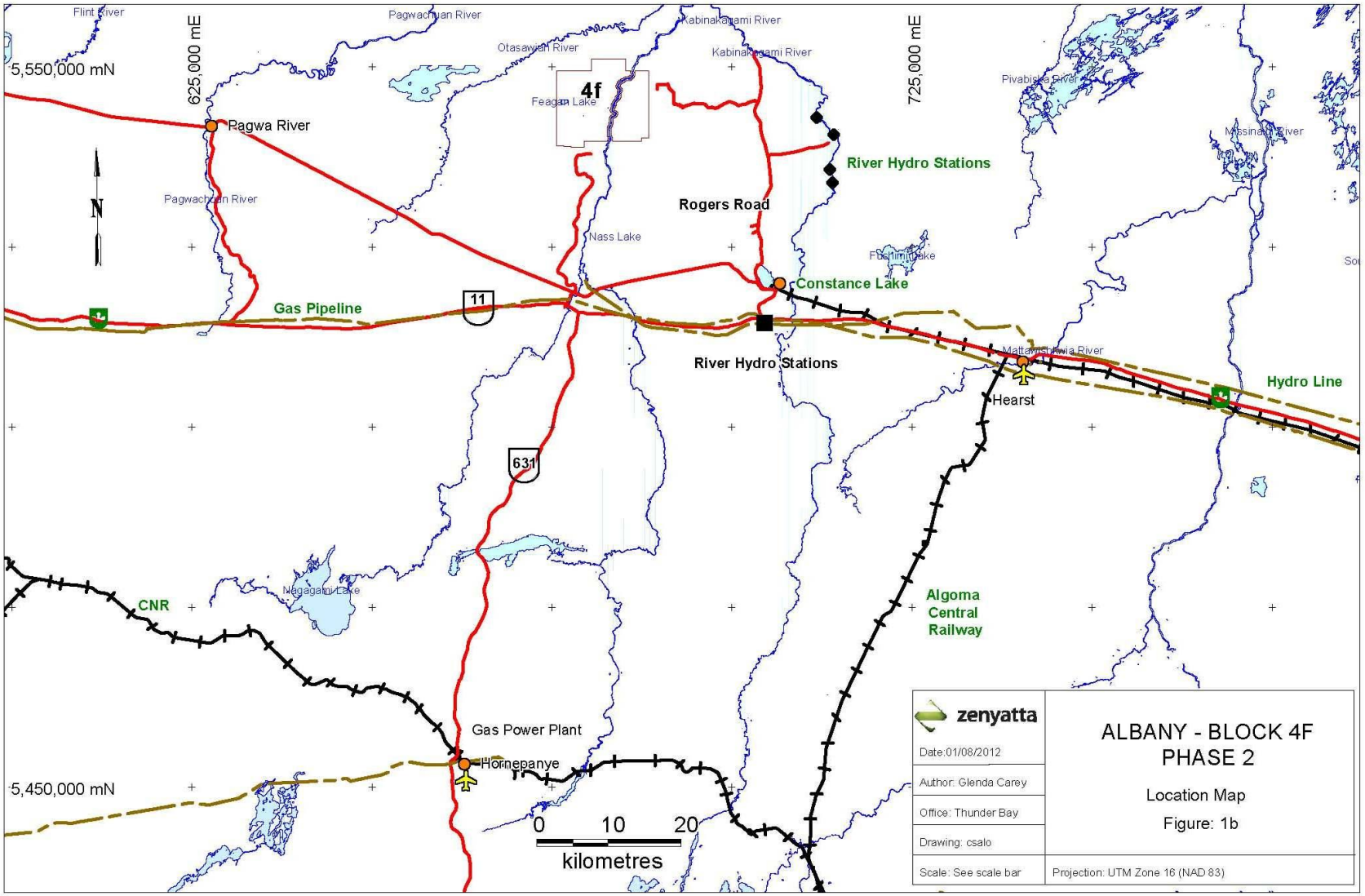
Zenyatta is conducting staged exploration programs targeting nickel (Ni), copper (Cu), platinum group metals (PGMs), REE's (rare earth elements) and graphite on the highly prospective 'new frontier' properties containing a vast underexplored area referred to as the Albany Project in the James Bay Lowlands. The area has been largely ignored in the past because of younger Phanerozoic (460-360 Ma) cover rocks that overlie the prospective Archean rocks. In March, 2010, Zenyatta contracted Geotech Ltd. to conduct an airborne magnetic and electromagnetic geophysical survey on the Albany Project claim blocks. Results of the airborne survey outlined several magnetic and electromagnetic geophysical targets that prompted Zenyatta's 2011 and 2012 drilling programs. Known mineral occurrences within the Albany 28 claim groups include magnetite, pyrrhotite, chalcopyrite, pyrite, sphalerite, and niobium and graphite.

Ontario Geological Survey (OGS) geologist, Greg Stott, interpreted the region's Precambrian geology (Stott et. al., 2007) based on government airborne geophysical surveys and limited geological data from exploratory diamond drilling conducted in the area. Stott grouped the Precambrian basement rocks into separate terranes and basins. ***Claim Block 4F*** overlies the boundary between the "Quetico Basins" in the south and the "Marmion Terrane" rocks in the north section of the block. Historical exploration in Block 4F has been limited. Documented assessment work from the Ministry of Northern Development and Mines (MNDM) includes: ground geophysical surveys by Nagagami River Prospecting in 1959; airborne and ground magnetometer surveys, and diamond drilling in the 1960s by Algoma and in 1978 by Shell Canada.

In the fall of 2011, Zenyatta Ventures Limited drilled one hole (Z11-4F1) targeting a strong VTEM conductor (Geotech). The conductor was intersected by this first drill hole and was explained by the presence of several ***graphitic brecciated*** zones. In 2011, graphite increased in value due to a higher amount of technical demands for carbon (C); therefore, in 2012, Zenyatta continued with additional exploration drilling (Phase II) on the graphitic breccia zones and drilled eight holes, **Z12-4F2 to Z12-4F9**.

The 2012 Phase II program described in this report was planned to target the EM conductors and graphitic breccia mineralized zones, and to evaluate the structural extent of the graphite deposit. Results of the Phase II drilling program were successful in explaining the EM conductors as additional graphite (carbon) mineralized zones. Some of the best results include the following mineralized zones (weighted averages): ***3.8% C over 131.5 metres*** in DDH Z12-4F3; ***6.6% C over 170.1 metres*** in DDH Z12-4F5; and ***5.6% C over 138.5 metres*** in DDH Z12-4F9. A Phase III drilling program is proposed for the fall of 2012 to continue testing this unique and extensive Albany graphite deposit.

Date:01/08/2012	ALBANY - BLOCK 4F PHASE 2 LOCATION MAP FIGURE 1A
Author: Glenda Carey	
Office: Thunder Bay	
Drawing: csalo	
Scale: See scale bar	Projection: UTM Zone 16 (NAD 83)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Pagwachuan River
Otasawian River
Kabinakagami River
Kabinakagami River
Pivabiska River
Missinaibi River
625,000 mE
725,000 mE
5,550,000 mN
4f
Feagan Lake
Pagwa River
Pagwachuan River
N
Rogers Road
River Hydro Stations
Nass Lake
Fleming Lake
Constance Lake
Gas Pipeline
11
River Hydro Stations
Mattagami River
Hydro Line
Hearst
631
CNR
Nagagami Lake
Algoma
Central
Railway
Gas Power Plant
Hornepayne
5,450,000 mN
0
10
20
kilometres
zenyatta
Date:01/08/2012
Author: Glenda Carey
Office: Thunder Bay
Drawing: csalo
Scale: See scale bar
Projection: UTM Zone 16 (NAD 83)
ALBANY - BLOCK 4F
PHASE 2
Location Map
Figure: 1b

2.0 Introduction

Zenyatta Ventures Limited is conducting staged exploration programs on its 28 Albany Project claim blocks. The Albany Project claim blocks are all located in the James Bay Lowlands Region of Northern Ontario (*see Figure 2*). Several targets were outlined in the Albany claim blocks based on the results of the 2010 Geotech Airborne Magnetic and Electromagnetic Survey.

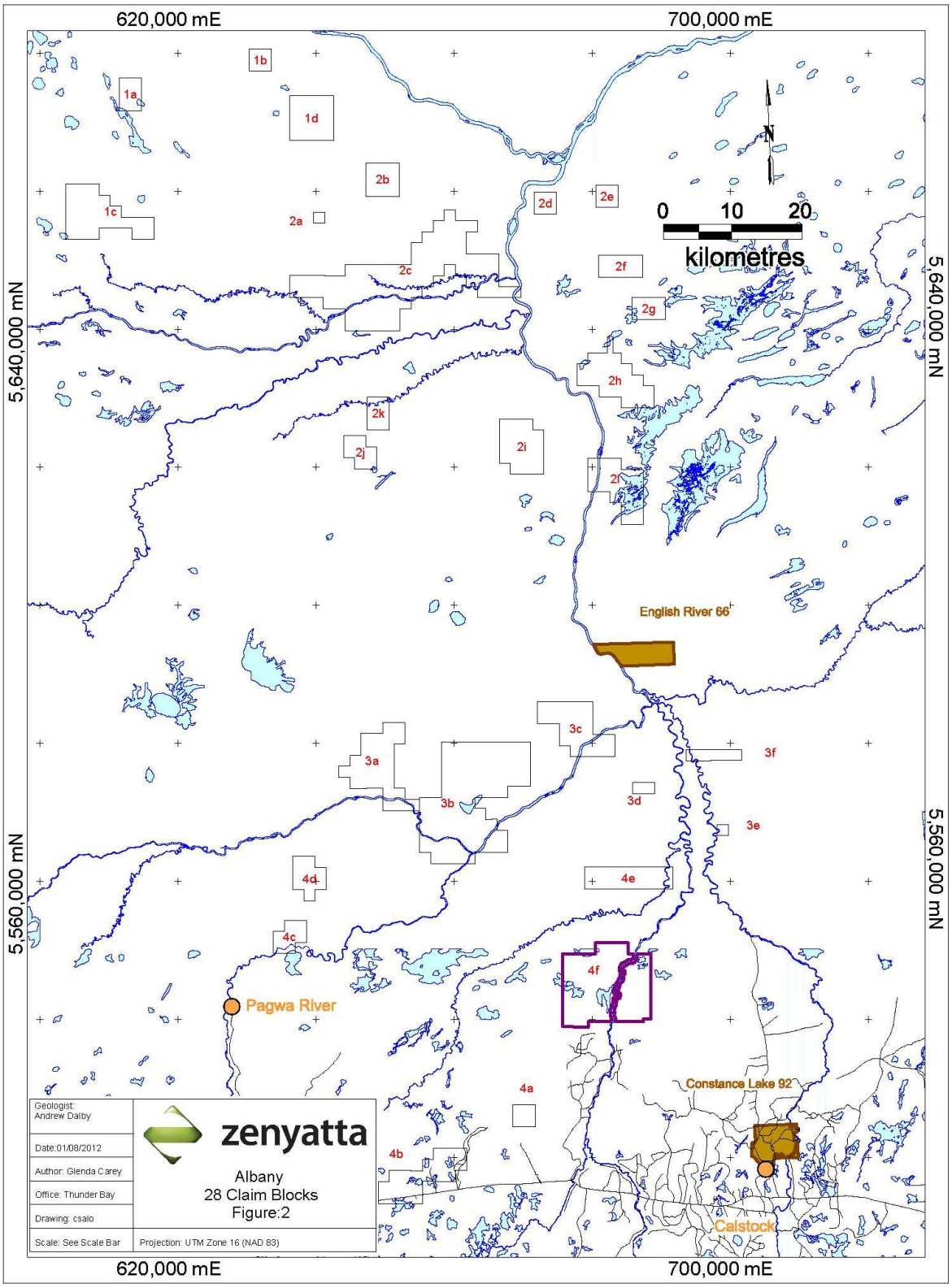
In the winter of 2011, Zenyatta initiated a reconnaissance drilling exploration program which included Phase 1 drilling on four of the claim blocks: 1C, 2C, 4A, and 4B. During the fall of the same year, Zenyatta continued Phase 1 drilling on Albany Blocks 4A, **4F**, 2I, 2B, and 1D. In **Block 4F**, the airborne survey detected a strong electromagnetic response located west of the Nagagami River and oriented east-west on eight flight lines (approx. 1.5 kms). This drill target was interpreted as a thick vertical conductor, dipping to the south with no magnetic response. In the fall of 2011, one hole (Z114F1) was drilled on this target by Zenyatta Ventures. Drilling intersected several zones of ***graphitic*** *brecciated granitic to syenitic gneiss*.

Zenyatta initiated a Phase II drill program on Albany Block 4F in the winter/spring of 2012 to continue exploration for graphite mineralization. Drilling started on March 29, 2012 for DDH Z12-4F2 and ended on June 14, 2012 at DDH Z12-4F9, for a total of 8 drillholes. Drilling targets are described below in Table #1.

To this date, exploration work carried out by Zenyatta on Albany **Block 4F** includes the airborne geophysical survey and a total of nine diamond drillholes.

TABLE #1: BLOCK 4F - DRILLING PROGRAM 2012	
HOLE #	***TARGET DESCRIPTION***
Z114F1 (2011)	Geotech Target - hole was drilled in 2011 targeting the VTEM conductor (east-west EM response on 8 flight lines)
Z12-4F2	Drilled hole to investigate the southern extent of the VTEM conductor/graphite boundary (west area)
Z12-4F3	Drillhole planned to target graphite mineralized zone
Z12-4F4	Drillhole planned to investigate the southern extent of the VTEM anomaly/graphite mineralization occurring in the eastern zone
Z12-4F5	Drillhole targeted Geotech VTEM conductor (bulls eye)
Z12-4F6 Z12-4F6a Z12-4F6b	100 metre step-out drill hole, west of Z11-4F1, to investigate east-west width of graphite zone
Z12-4F7	100 metre step-out drill hole, east of Z11-4F1, to investigate east-west width of graphite zone
Z12-4F8	Hole drilled to investigate the northern extent/boundary of conductor/graphite
Z12-4F9	Drillhole planned to target graphite mineralized zone

Figure 2: Albany Project – 28 Claim Blocks



3.0 Property Description

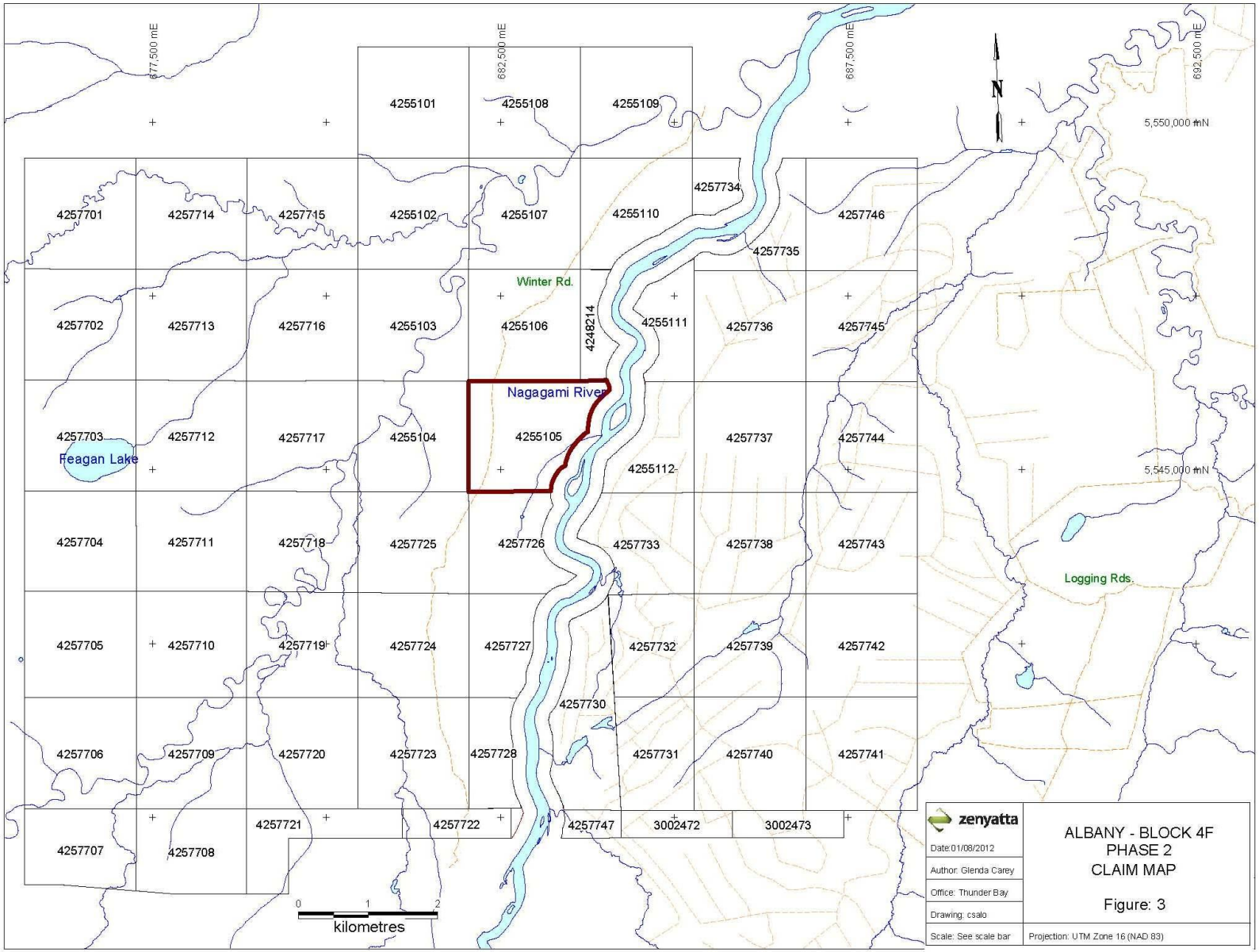
The Albany Project claim group **Block 4F** is located north of Lake Superior and west of James Bay in northwestern Ontario, Canada. Most of the Block 4F claims are located in the township of Pitopiko River, with the westernmost claims located in the Feagan Lake Township. The Block 4F claims are situated within NTS blocks 42K/01,02 and 42F/15,16 and most were staked during the months of March and May of 2010. Block 4F (*see Figure #3*) has a total of ***61 claims, 844 claim units***, and make up ***13,504 hectares***. The yearly work required costs to keep the total claims in good standing amounts to ***$337, 600***.

Block 4F is part of a large group of claims (*see Figure #2*) that make up the Albany Project and include 28 groups of claims totaling 495 claims, 7757 claim units, and 124,112 hectares. The Albany claims are 25% owned by Zenyatta and 75% owned by CNRECI. The majority of the entire Albany Project claims were staked during the late summer and fall of 2009, followed by additional staking in the winter and spring of 2010. The Albany ***Block 4F*** claims were staked during the winter and spring of 2010.

The Block 4F property is not subject to any known environmental issues, and no abandoned mine workings or tailings are present on the property. The surface rights are owned by the crown. The forest on the east side of the Nagagami River has been locally harvested. Table #2, presented below, lists the entire Block 4F claims and expiry dates.

TABLE #2: ALBANY PROJECT – BLOCK 4F CLAIMS							
Claim #	**Block #**	**Units**	**Hectares**	**Recorded Date**	**Due Date**	**Work Required**	**Ownership**
4255101	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255102	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255103	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255104	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255105	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255106	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255107	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255108	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255109	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255110	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255111	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4255112	**4F**	16	256	Mar17/2010	Feb 28/2013	$6,400	CNRECI
4257701	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257702	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257703	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257704	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257705	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257706	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257707	**4F**	12	192	May10/2010	Feb 28/2013	$4,800	CNRECI
4257708	**4F**	12	192	May10/2010	Feb 28/2013	$4,800	CNRECI
4257709	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257710	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257711	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257712	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257713	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257714	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257715	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257716	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257717	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257718	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257719	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257720	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257721	**4F**	9	144	May10/2010	Feb 28/2013	$3,600	CNRECI
4257722	**4F**	4	64	May10/2010	Feb 28/2013	$1,600	CNRECI
4257723	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257724	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI

TABLE #2: ALBANY PROJECT – BLOCK 4F CLAIMS							
Claim #	**Block #**	**Units**	**Hectares**	**Recorded Date**	**Due Date**	**Work Required**	**Ownership**
4257725	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257726	**4F**	11	176	May10/2010	Feb 28/2013	$4,400	CNRECI
4257727	**4F**	9	144	May10/2010	Feb 28/2013	$3,600	CNRECI
4257728	**4F**	6	96	May10/2010	Feb 28/2013	$2,400	CNRECI
4257730	**4F**	14	224	May10/2010	Feb 28/2013	$5,600	CNRECI
4257731	**4F**	12	192	May10/2010	Feb 28/2013	$4,800	CNRECI
4257732	**4F**	12	192	May10/2010	Feb 28/2013	$4,800	CNRECI
4257733	**4F**	14	224	May10/2010	Feb 28/2013	$5,600	CNRECI
4257734	**4F**	4	64	May10/2010	Feb 28/2013	$1,600	CNRECI
4257735	**4F**	7	112	May10/2010	Feb 28/2013	$2,800	CNRECI
4257736	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257737	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257738	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257739	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257740	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257741	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257742	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257743	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257744	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257745	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257746	**4F**	16	256	May10/2010	Feb 28/2013	$6,400	CNRECI
4257747	**4F**	2	32	May10/2010	Feb 28/2013	$800	CNRECI
3002472	**4F**	4	64	May10/2010	Feb 28/2013	$1,600	CNRECI
3002473	**4F**	4	64	May10/2010	Feb 28/2013	$1,600	CNRECI
4248214	**4F**	4	64	June4/2010	Feb 28/2013	$1,600	CNRECI
TOTALS:		**844**	**13504**			**$337,600**	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Winter Rd.
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4257716
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4248214
4255111
4257736
4257745
Nagagami River
4257703
Reagan Lake
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4257717
4255104
4255105
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Logging Rds.
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zenyatta
Date:01/08/2012
Author: Glenda Carey
Office: Thunder Bay
Drawing: csalo
Scale: See scale bar
ALBANY - BLOCK 4F
PHASE 2
CLAIM MAP
Figure: 3
Projection: UTM Zone 16 (NAD 83)

4.0 Location, Access and Topography

Zenyatta's Albany Project blocks, including Block 4F, are situated within the Porcupine Mining District of northern Ontario, Canada. The claims are located approximately 50 kilometres northwest of Highway 11 and the small town of Hearst, population of 5825 (*see Figure1b*). Most of the Block 4F claims are located in the Township of Pitopiko River, with the westernmost claims in the Feagan Lake Township. The claim group is located within NTS blocks 42K/01,02 and 42F/15,16. The central area of the claim block is located at UTMs: 682,400 E and 5,544,514 N, Zone 16, NAD 83.

Access to most of the 4F claim block can be gained using helicopter, but boat or canoe access can be used along the Nagagami River in the central area of the claim block. Old forestry logging roads reach the south-east boundary of the claim block, leading to several old quad trails through previously harvested forests just east of the Nagagami River. The small town of Hearst, located approximately 50 kilometres to the southeast of Block 4F, has many facilities to keep an exploration camp well supplied. These include hotels, restaurants, a hospital, hardware stores, gas stations, mining supply store, and an airport. Float plane and helicopter services are available in Hearst.

The claims are situated within the Hudson Bay-James Bay Lowlands area where the topography is essentially flat, low-lying and swampy. Overburden is thick, approximately 35 metres in the Block 4F area with little or no outcrop exposure. There are many creeks flowing between peat bogs throughout the area. The Nagagami River flows north through the property with several meandering tributaries flowing in from the east and west. The Pitopiko River flows into the west side of the Nagagami. Vegetation is dominated by wetlands with some areas of spruce and alder trees, and cedar swamps. Spruce and alder trees are also abundant along the banks of the Nagagami River and other smaller rivers.

The Albany claims are situated in northern Ontario where there are various climates and weather extremes. Most of the region has a continental climate with warm to hot summers (June, July and August; 25 to 35 degrees Celsius) and cold winters (December to March, 10 to -30 degrees Celsius). Spring and autumn tend to be short seasons and have some of the weather of winter and summer. Generally, precipitation ranges from 600 millimeters to around 900 millimeters.

Surface exploration work can be carried out during the months of May to November, possibly later if there is no snow accumulation. Airborne or ground geophysical surveys and diamond drill programs can be conducted year round.

5.0 Historical Work

Zenyatta's Albany Project claim groups total 28 blocks and cover large amounts of ground. The ground was selected based on geophysical information from OGS airborne magnetic maps, the geological interpretation (Greg Stott, 2007-2008) of these maps, and additional geological and geophysical data from historical exploration reports provided by MNDM. Historical exploration work has been limited in this area of the James Bay Lowlands and mostly consists of geophysical surveys and diamond drill projects. The following is a brief summary of the reported historical exploration work carried out in the area of ***Albany Project Block 4F***:

1959: A ground magnetic and electromagnetic survey was initiated on claims held by ***Nagagami River Prospecting Syndicate*** in the Feagan Lake/Pitopiko River Townships area. The geophysical survey was carried out by Koulomzine and Brossard Limited but was not fully completed because of an early spring breakup. Results of the survey showed three magnetic anomalies defining basement geology contacts and several vertical-loop electromagnetic conductors. It was concluded that "*the general lenticular nature of the conductors and their occurrence in the vicinity of a diabase dyke, may suggest the presence of sulphide lenses that could contain base metals; one anomaly (magnetic & EM) could be due to some disseminated mineralization*" (Koulomzine, 1959). They recommended drilling four holes to investigate the EM anomalies, but there is no record that these holes were ever drilled.

1961: ***Algoma Ore Properties Limited*** flew an aeromagnetic survey in the Nagagami River and Pitopiko Townships area. The survey outlined a horseshoe-shaped anomaly which was confirmed on the ground in the same year. This led to further exploration in 1963.

1963: ***Algoma Ore Properties Limited*** flew an airborne magnetometer survey in the Nagagami River area, located forty miles north-west of Hearst, Ontario. The survey was flown by Hunting Survey Corporation. The survey results indicated two large low intensity circular shaped anomalies (Anomalies #1 and #2), underlying the Paleozoic limestones. Interpretation of the anomalies inferred that they were caused by a complex syenitic to gabbroic intrusion. It was reported that Anomaly #1 could be associated with a basic intrusive, hosting magnetite, and thought to be mildly interesting for iron ore, niobium, and sulphides. Anomaly #2 was interpreted to be associated with an alkaline and carbonatite complex and could contain columbium and other rare earth elements (REEs). Algoma recommended follow-up work to include a ground magnetometer survey over the anomalies and a diamond drill program (Venn, V.R., 1964).

1964 - 1967: ***Algoma Ore Properties Limited*** continued exploration in the Nagagami River area. Ground work involved grid cutting followed by a ground magnetometer survey and claim staking. Algoma drilled nine holes (located in the Albany blocks ***4E and 4F***) for a total of 4,868 feet. Holes 1-64 to 7-64 were drilled in Block 4E. Two holes were drilled in Anomaly #2 (DDH's: 8-64 and 9-64), reported to be located near the northern boundary of ***Block 4F***. Erratic sampling was done on the core, along with petrographic studies. The core was tested with scintillometer, and samples were taken where radioactive responses occurred; assay results indicated columbium (Cb_2O_5) content

to be .02% to .04%. Drilling on Anomaly #2 intersected coarse syenite rock with 3-5% magnetite. It was concluded that the ground magnetometer survey and the diamond drilling verified the airborne survey fairly well, and although drilling did not intersect any ore minerals, the structure was still geologically interesting. Algoma reported that minerals of economic potential could possibly be associated with other parts of the structure and they recommended that the property be referred to other companies interested in intrusive structures. (Venn, V.R., 1964).

1978: ***Shell Canada Explorations Limited*** initiated a diamond drill program in the area based on results of an airborne geophysical survey. Drill logs were available from MNDM, but no report was submitted with the logs. One hole, DDH 7609-78-1 was drilled within Bock 4F in the Pitopiko River Township.

1999: The ***Ontario Geological*** Survey (OGS) released aeromagnetic geophysical maps for the Hudson Bay and James Bay Lowlands areas, *Geophysical Data Set 1036*. (*see Figure 5 for Block 4F area*)

2008: The ***Ontario Geological Survey*** (OGS) Precambrian Geology Map P.3599 was published: *Hudson Bay and James Bay Lowlands Region Interpreted from Aeromagnetic Data*, G.M. Stott, 2007–2008. (*see Figure 6 for Block 4F area*)

6.0 Geological Setting

6.1 Regional Geology

The following are excerpts from Stott's (2007-2008) "Marginal Notes", Map P3599, describing the interpreted Precambrian Geology of the Hudson Bay and James Bay Lowlands Region:

The relatively flat-lying Hudson Bay and James Bay Lowlands, consist mostly of carbonates of Paleozoic to Mesozoic age. These sediments cover a significant portion of the Precambrian rocks of Northern Ontario and therefore, have impeded the understanding of the Precambrian geology and the tectonic framework across this region of Ontario. The regions Precambrian geology is based mainly on available reprocessed aeromagnetic data and limited drill hole information. The results provide a general framework of interpreted supracrustal belts, plutonic subdivisions, major faults and Proterozoic mafic dikes. (see Figure 4)

In the James Bay Lowland area, the most significant feature is the aeromagnetic expression of the Uchi domain greenstone belts, along the southern flank of the Sachigo superterrane trending northeast under the James Bay Lowland and wrapping around the eastern end of the Island Lake domain, a portion of the Sachigo superterrane. This greenstone trend merges with the Oxford–Stull domain near the western margin of the James Bay Lowland just east of the McFaulds Lake massive sulphide deposits. This combined array of Neoarchean greenstone belts continues east, narrowing under the James Bay Lowland, towards the Eastmain greenstone–granite domain in Quebec.

The Northern Superior superterrane forms a 1000 km long band of distinctively strong magnetic intensity. A marked magnetic discontinuity can be traced eastward roughly midway under the Hudson Bay Lowland between a region of high magnetic relief and complexity that characterizes the Northern Superior superterrane to the south and a region of relatively flat magnetic character that more closely resembles the magnetic signature of the Trans-Hudson Orogen. However, a significant portion of the interpreted Trans-Hudson Orogen resembles an extension of the Northern Superior superterrane and is interpreted as an area of Archean crust that was overprinted by the Trans-Hudson Orogen. The Sutton Inliers have been reinterpreted by comparing the aeromagnetic data and the outcrops mapped by Bostock. Current regional geology maps of Ontario portray the Sutton Inlier as a single large mass. This new interpretation recognizes a set of ridges forming several crescent-shaped inliers that dip shallowly northward. They appear to be discontinuously related to similar narrow, folded magnetic anomalies within the Trans-Hudson Orogen under the Paleozoic rocks closer to the Hudson Bay coast.

The Island Lake domain is largely plutonic with some Mesoarchean to Neoarchean volcanic belts with geophysical characteristics that show some relationship to the belts within the North Caribou Terrane. The boundaries of the Island Lake domain are probably the least understood and remain the most contentious. At the northern margin of the Sachigo superterrane, the narrower, ribbon-like Oxford–Stull domain (OSD) stretches from Manitoba to the James Bay Lowland (see Figure 4). The OSD displays some evidence of Mesoarchean mid-ocean ridge basalt (MORB)-like sequences concurrent with continental magmatic growth within Northern Superior superterrane and NCT margins to the north and south, respectively. At the edge of the

James Bay Lowland in Ontario, the Oxford-Stull Domain includes a calc-alkaline metavolcanic sequence containing volcanic-hosted massive sulphide deposits at McFaulds Lake.

The Uchi domain forms the southern part of the North Caribou terrane within the Uchi Subprovince. The Uchi domain was constructed largely by autochthonous, episodic additions of volcanic assemblages and accompanying plutons during the Neoarchean era (Stott and Corfu 1991). The eastern extent of the Uchi domain underlies the James Bay Lowland where, from high-resolution aeromagnetic images, it appears to merge with the OSD. The resulting merged greenstone–granite domain continues eastward under the James Bay Lowland on strike with the Eastmain greenstone–granite domain of Quebec.

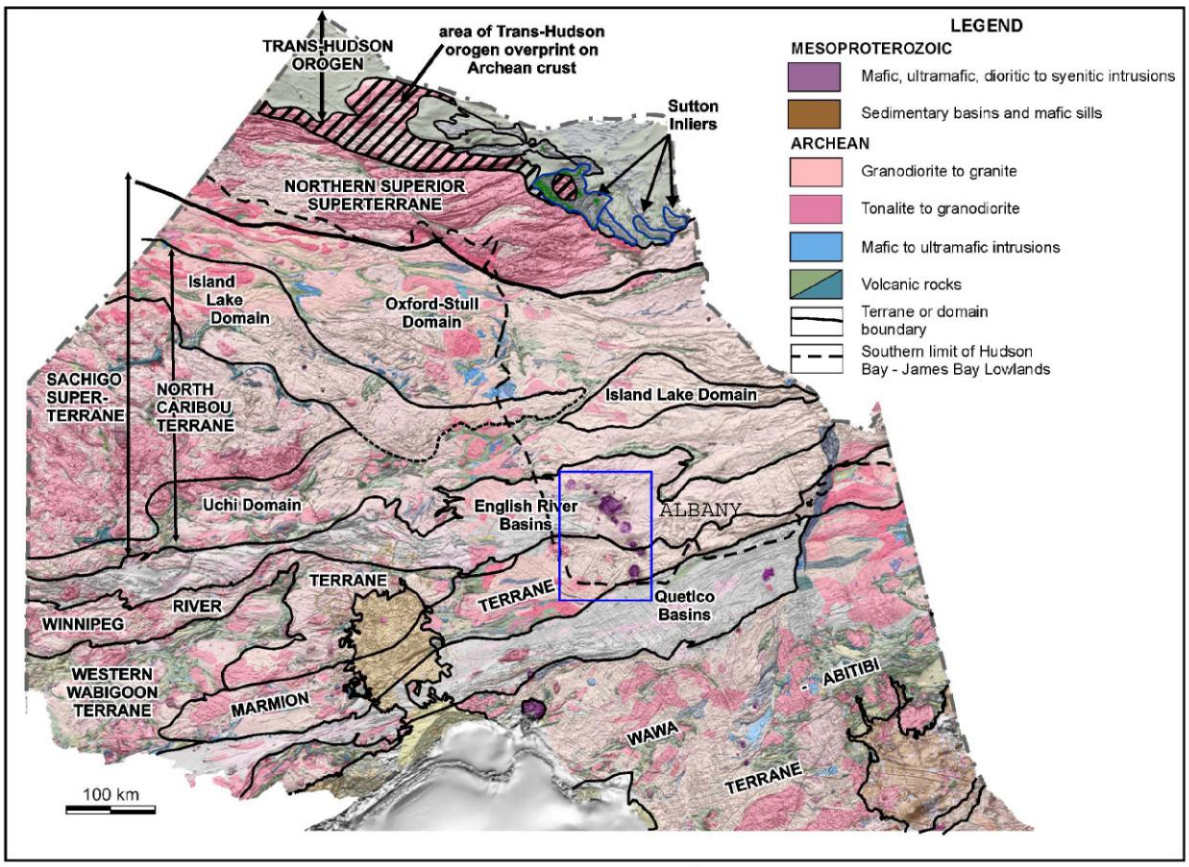


Figure 4. Regional tectonic subdivisions of northern Ontario (*after* Stott et al. 2007).

According to Stott's (2007) regional tectonic subdivisions map, Zenyatta's **Block 4F** covers parts of the ***Marmion Terrane*** and the ***Quetico Basins*** of the Superior Province of the Canadian Shield:

> **Marmion Terrane/Subprovince:** *This terrane consists predominately of metamorphosed felsic intrusive rocks. The 3.0 to 2.7 billion year old rocks are interpreted as an assemblage of continental fragments. These rocks were once also interpreted as part of the Western Wabigoon and Winnipeg River terranes (MNDM, Government of Ontario).*

The Quetico Subprovince: *The Quetico Subprovince is an east-northeast trending, 10 to 100 km wide by 1200 km long belt of variably metamorphosed and deformed clastic metasedimentary rocks and granitoids located in the west-central part of the Superior Province. The metamorphic grade varies from greenschist to amphibolite to local granulite facies. The metasedimentary rocks were deposited before 2696 Ma. The Quetico intrusions near Atikokan are typically small (<1km²) and form spills, plugs, and small stocks composed of a variety of lithologies, mainly wehrlites, clinopyroxenites, hornblendites, monzodiorites, syenites, foidites and silicocarbonatites. They are locally enriched in Ni-Cu and PGEs (Vaillancourt, C., et. al.).*

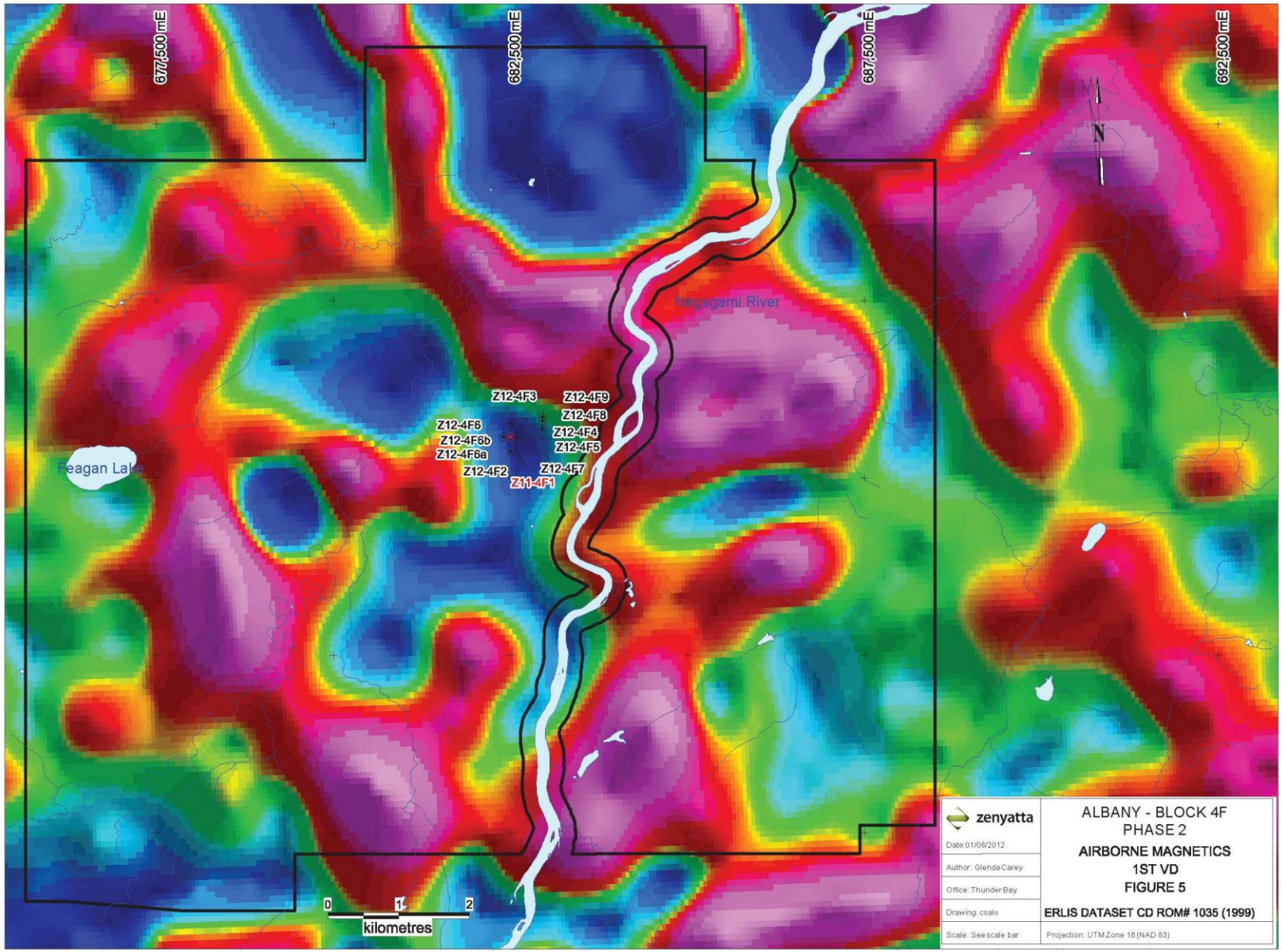
6.2 Property Geology and Graphite Mineralization

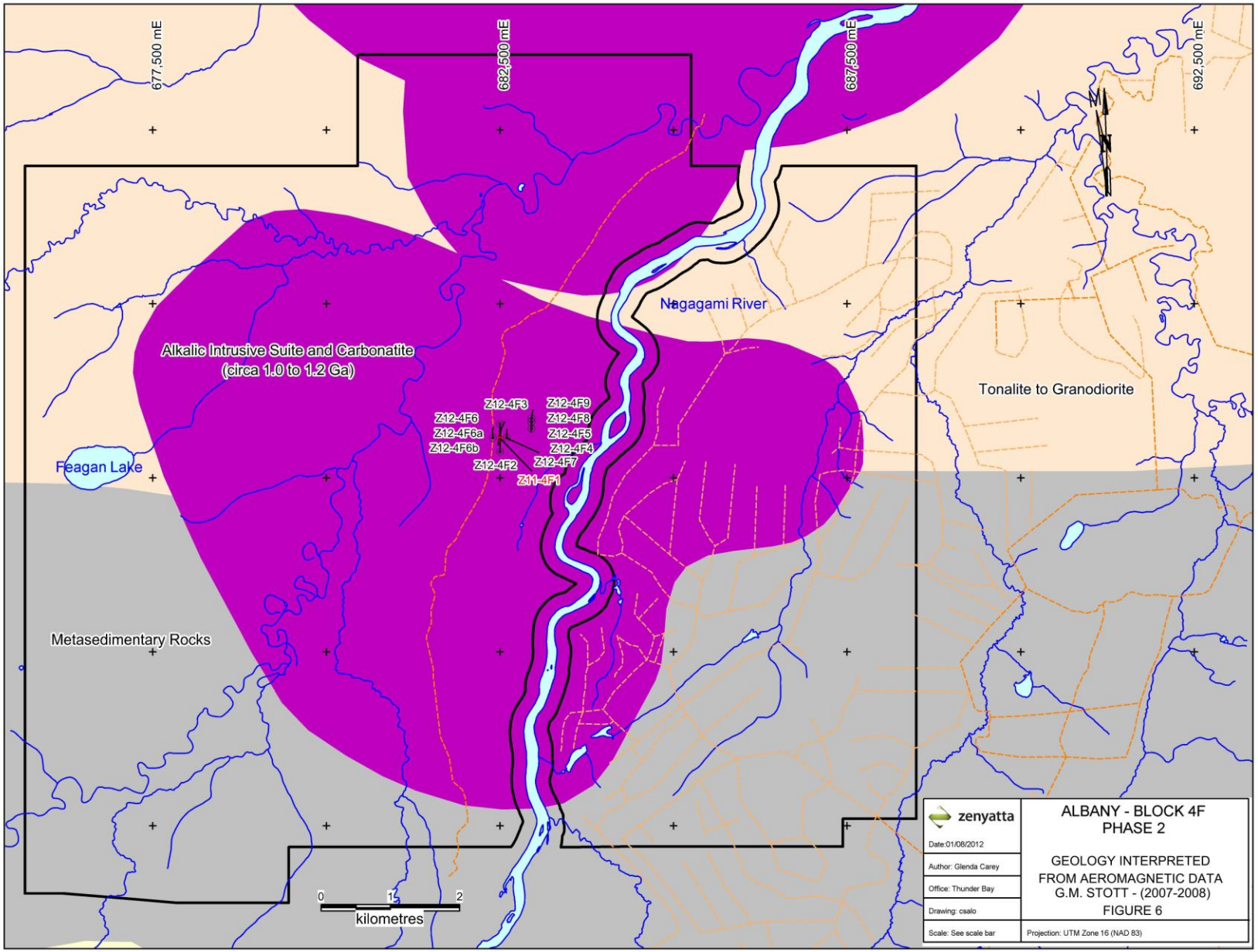
The Albany Block 4F region is covered by a thick layer of overburden and therefore no historical surface geological mapping projects are reported for the area. The average width of the overburden (from holes Z11-4F1 to Z12-4F9) is 35.5 metres.

Precambrian geology in the southern section of Block 4F, according to Stott's Precambrian Geology Map (*see Figure 6*), consists of mostly paragneiss and migmatite metasedimentary rocks, and mafic with related intrusive rocks of the Quetico Subprovince. The northern section of Block 4F is underlain with metamorphosed tonalite to granodiorite, foliated to gneissic with minor supracrustal inclusions of the Marmion Terrane/Subprovince. Both subprovinces have been intruded with a younger alkalic intrusive suite made up of alkalic syenite, ijolite, associated mafic and ultramafic rocks and carbonatite (Stott, 2007-2008).

The 2012 drilling intersected Paleozoic limestones (8 to 18 metres thick) above the Precambrian rocks. The most abundant Precambrian rock types intersected by Zenyatta drilling include the ***graphite mineralized rocks***: graphitic brecciated syenitic gneiss, graphitic brecciated syenite, graphitic overprint syenitic gneiss, graphitic brecciated granite, graphitic brecciated granitic gneiss, and graphitic overprint granitic gneiss; and the unmineralized rock types: syenitic gneiss, syenite, granitic gneiss, granite, diorite, schist, monzonite, and mafic to intermediate dykes. All rock types intersected in Z12-4F2 to Z12-4F9 are described in detail in the accompanying drill logs in Appendix I at back of report.

Drilling information indicates widespread "vein type" (or hydrothermal) graphite mineralization consisting of clasts of graphite vein material, disseminated graphite matrix and discrete graphite veins, veinlets and hairline veins. The stockwork graphitic veins can be several centimetres wide while the veinlets and hairlines are millimetre and submillimetre scale. The "vein type" graphite deposit is possibly related to the emplacement of a carbonatite intrusion.


677,500 mE
682,500 mE
687,500 mE
692,500 mE
N
Negagami River
Feagan Lake
Z12-4F3
Z12-4F9
Z12-4F8
Z12-4F6
Z12-4F4
Z12-4F6b
Z12-4F5
Z12-4F6a
Z12-4F7
Z12-4F2
Z11-4F1
0
1
2
kilometres
zenyatta
Date:01/08/2012
Author: Glenda Carey
Office: Thunder Bay
Drawing: csalo
Scale: See scale bar
ALBANY - BLOCK 4F
PHASE 2
AIRBORNE MAGNETICS
1ST VD
FIGURE 5
ERLIS DATASET CD ROM# 1035 (1999)
Projection: UTM Zone 16 (NAD 83)


677,500 mE
682,500 mE
687,500 mE
692,500 mE
N
Nagagami River
Alkalic Intrusive Suite and Carbonatite
(circa 1.0 to 1.2 Ga)
Tonalite to Granodiorite
Z12-4F3
Z12-4F9
Z12-4F6
Z12-4F8
Z12-4F6a
Z12-4F5
Z12-4F6b
Z12-4F4
Z12-4F2
Z12-4F7
Z11-4F1
Feagan Lake
Metasedimentary Rocks
0
1
2
kilometres
zenyatta
Date:01/08/2012
Author: Glenda Carey
Office: Thunder Bay
Drawing: csalo
Scale: See scale bar
ALBANY - BLOCK 4F
PHASE 2
GEOLOGY INTERPRETED
FROM AEROMAGNETIC DATA
G.M. STOTT - (2007-2008)
FIGURE 6
Projection: UTM Zone 16 (NAD 83)

7.0 Deposit Models

7.1 Mafic-Ultramafic Intrusion Hosted Cu-Ni-PGM

Mafic-ultramafic intrusion hosted Cu-Ni-PGM deposits range in age from Archean to Tertiary (mainly Archean and Proterozoic in Ontario), are stratabound, and host copper, nickel and/or platinum-group sulphides. These deposits generally occur in two types of cratonic settings: (1) as complexes related to flood basalts in an intracontinental rift environment; and (2) as large strataform complexes either sheet-like or dike-like. Host rocks include (commonly layered) norite, gabbro, quartz diorite, pyroxenite, amphibolite, diabase, peridotite, anorthosite, dunite, troctolite and harzburgite.

The principle mineralogy includes pentlandite, chalcopyrite, pyrrhotite, cubanite, and millerite; other minerals may include pyrite, marcasite, valleriite, bornite, cobalt sulphides and sphalerite. Platinum group minerals may include sulphides, tellurides, arsenides, antimonides and alloys. Generally, the more mafic the composition the higher the Ni/Cu ratio. The texture and style of the mineralization is disseminated, net textured, sulphide matrix breccia and massive sulphides that occur as stratabound to stratiform, tabular layers or lenses. The ore minerals are commonly located at or near the base of the host intrusion and sulphide veins and disseminations usually occur in the footwall rocks. PGM rich horizons generally occur at a significant distance above the base of the intrusion.

A geophysical anomaly for massive sulphides should be produced by an airborne or ground electromagnetic survey (EM). Airborne and ground magnetic (mag) surveys may produce anomalies for pyrrhotite mineralization.

7.2 Albany Project - Hydrothermal Graphite

Deposit Type: A magmatic hydrothermal breccia related to the emplacement of a carbonatite intrusion. The emplacement is along the deep seated, 150km long 'Arc shaped' Proterozoic structure that may be related to the 1.1 billion year old mid-continent rifting. A similar deposit may be the vein graphite deposit of Sri Lanka (Ceylon Graphite Deposits), which has been interpreted as being derived from hydrothermal fluids. The origin of the graphite is proposed to be the direct consequence of granulite facies metamorphism in the presence of a CO_2 rich fluid. This CO_2 rich fluid could promote hydraulic fracturing (brecciation) and precipitation of vein graphite (C). Graphite veins are unique and quite rare, and only a few of them are described in the geologic literature. The Bogala Mine, a Ceylon graphite deposit, has been in production since 1847. It is a high grade, narrow vein (20cm), underground mine. Ceylon graphite still enjoys a great demand due to its unusually high purity and unique physical properties.

8.0 2012 Diamond Drill Program

In 2012, Zenyatta Ventures completed Phase II drilling on claim Block 4F. The **Phase II** drill program began on March 29, 2012 for DDH Z12-4F2 and ended on June 14, 2012 at DDH Z12-4F9, for a total of 8 drillholes and ***2985 metres*** of drilling. To date, a total of 9 holes have been drilled by Zenyatta Ventures in Block 4F. The holes were spotted using Garmin GPSmap 76S, with an accuracy of 3 to 5 metres. Core logging was completed near the claim site using a laptop computer and the Excel spreadsheet program.

The Phase II drillholes, Z12-4F2 to Z12-4F9 were designed to test electromagnetic (EM) conductors/graphite mineralization within the brecciated graphitic zone, and to determine the extent (or boundaries) of the graphite mineralization. The location, azimuth, dip, length and results of drilling are listed in Table #3 below. Locations of the drill holes on claim #4255105 are illustrated on Map #1 (drillhole location map) inserted at the back of this report. Included with this report are the drill sections (Maps #2 to #4) showing all holes in cross-section, with rock type and graphite mineralization (brecciated zones and overprint) that was intersected.

Drill core samples were collected in intervals of 1.0 to 2.0 metres. Split drill core saw samples were procured on site and 818 samples, of which 35 were quality control samples. Samples were submitted to Activation Laboratories (holes Z12-4F2 & Z12-4F3) and ALS Chemex (holes Z12-4F4 to Z12-4F9). See Table #4 for the weighted averages of carbon (C) in each drillhole. All core sample descriptions and quality control samples are listed in the drill log spreadsheets in Appendix 1. Refer to Appendix 2 for certificates of analysis (COAs) containing all analytical results for core sampling from Phase II drilling.

Table #3 – *Drill Location Data for Block 4F;UTMs in NAD 83, Zone 16*

BLOCK 4F - 2012 / PHASE II DRILL SUMMARY TABLE						
	UTM's		Azimuth	Dip	Length	
Hole #	Easting	Northing	°	°	(m)	Core Samples
Z12-4F2	682500	5545370	0	-65	528	201
Z12-4F3	682500	5545770	180	-56	495	165
Z12-4F4	682955	5545700	180	-80	179	52
Z12-4F5	682955	5545700	0	-65	326	132
Z12-4F6	682400	5545570	0	-65	346	58
Z12-4F7	682600	5545570	0	-65	321	21
Z12-4F8	682955	5545800	0	-65	365	38
Z12-4F9	682955	5545850	180	-65	425	151
TOTALS					2985	818

Table #4 *- Results of Drilling - Grade (%) of Carbon*

Weighted Averages of Graphite (% C) in Drillholes				
Hole #	**From (m)**	**To (m)**	**Width (metres)**	**Grade (%C)**
Z12-4F9	162	370.2	208.2	4.6
Including	188	327	139	5.6
Including	188	235	47	7.3
Z12-4F8	166	177.9	11.9	0.9
Z12-4F7	166	180	14	1.2
Z12-4F6	178	186	8	1.8
Z12-4F5	44	214	170	6.6
Including	138	214	76	7.1
Z12-4F4	48	78	30	3.1
Including	48	63.4	15.4	5
Z12-4F3	56.7	104.5	47.8	3.3
	133	265	132	3.8
Z12-4F2	392.4	439.9	47.5	3.0
Z11-4F1 (2011)	79.8	89.7	9.9	4.6
	112.5	180	67.5	4.2
	183.1	191	7.9	3.3
	329.5	377.7	48.2	2.5
	411	437.4	26.4	3
	467.3	472.8	5.5	4.2
	481	488.5	7.5	2.1
	506	522	16	3

9.0 Sample Preparation Analysis and Security

All core samples were identified with a sample identification (ID) number tag that was placed in the plastic bag with the split core. The sample ID number was also written on the outside of each sealed sample bag. The sample bags were grouped together and placed into larger rice bags. The rice bags were also sealed before being shipped to a laboratory in Thunder Bay by Zenyatta company employees. At the lab, all samples were opened, crushed and split into sub-samples and pulverized prior to being sent for analysis. See Appendix 2, at back of this report for all geochemical analytical results (COAs). Standards and control samples were inserted into the sample stream in order to test the analytical quality control. The control samples used for the Phase II drilling on Block 4F are listed below in Table #5:

TABLE #5: BLOCK 4F - 2012 - STANDARDS & CONTROL SAMPLES

HOLE ID	SAMPLE ID	COMMENT	HOLE ID	SAMPLE ID	COMMENT
Z12-4F2	W1350025	J600090 Pulp 4.1% C	**Z12-4F5**	M760700	J600092 Pulp 3.33% C
Z12-4F2	W1350050	M760121 Pulp: REE/C Blank	**Z12-4F5**	M760725	J600104 Pulp 6.86% C
Z12-4F2	W1350075	J600100 Pulp: 10% C	**Z12-4F5**	M760750	M760125 Pulp: REE/C Blank
Z12-4F2	W1350100	M760121 Pulp: REE/C Blank	**Z12-4F5**	M760775	J600092 Pulp 3.33% C
Z12-4F2	W1350125	J600090 Pulp 4.1% C	**Z12-4F5**	M760800	J600104 Pulp 6.86% C
Z12-4F2	W1350150	J600100 Pulp: 10% C	**Z12-4F5**	M760825	M760125 Pulp: REE/C Blank
Z12-4F2	W1350175	J600090 Pulp 4.1% C	**Z12-4F6**	M760850	J600100 Pulp: 10% C
Z12-4F2	W1350200	M760121 Pulp: REE/C Blank	**Z12-4F6**	M760875	J600092 Pulp: 3.33% C
Z12-4F3	W1350225	J600090 Pulp 4.1% C	**Z12-4F7**	M760900	J600090 Pulp 4.1% C
Z12-4F3	W1350250	J600100 Pulp: 10% C	**Z12-4F8**	M760925	J600104 pulp (6.86%C)
Z12-4F3	W1350275	M760121 Pulp: REE/C Blank	**Z12-4F8**	M760950	J600092 Pulp (3.33%C)
Z12-4F3	W1350300	J600090 Pulp 4.1% C	**Z12-4F9**	M760975	M760125 Pulp - C blank 2990 Ba
Z12-4F3	W1350325	J600100 Pulp: 10% C	**Z12-4F9**	M761000	J600100 Pulp: 10% C
Z12-4F3	W1350350	M760121 Pulp: REE/C Blank	**Z12-4F9**	L012025	J600092 Pulp: 3.33% C
Z12-4F3	W1350375	J600090 Pulp 4.1% C	**Z12-4F9**	L012050	J600100 Pulp: 10% C
Z12-4F4	W1350400	J600090 Pulp 4.1% C	**Z12-4F9**	L012075	M760125 Pulp - C blank 2990 Ba
Z12-4F4	W1350425	J600100 Pulp: 10% C	**Z12-4F9**	L012100	J600104 Pulp: 6.86% C
Z12-4F4	W1350441	M760121 Pulp: REE/C Blank			

10.0 Interpretation and Conclusions

Zenyatta Ventures has finished Phase II of exploration for on the Albany claim block 4F and is proposing to conduct follow-up drilling exploration on the Albany graphite deposit. The results of the 2012 drilling were very positive as drilling intersected several zones of medium to high grade graphite (C). Some of the best results include the following mineralized zones (weighted averages): ***3.8% C over 131.5 metres*** in DDH Z12-4F3; ***6.6% C over 170.1 metres*** in DDH Z12-4F5; and ***5.6% C over 138.5 metres*** in DDH Z12-4F9. Individual samples assayed as high as 19.3 %C, 16.25 %C, 15.3 %C and 14.15 %C in drillhole Z12-4F9; also, 13.65 %C and 11.15 %C in drillhole Z12-4F5.

The Phase II exploration program crossed several distinct graphitic breccia zones that were found to be very conductive and non-magnetic, explaining the geophysical results of high conductivity and a magnetic low. The conductive zone was estimated to be 1.4 km long, striking east-west with a north-south extent of 800m. The geophysical results also suggested that this anomaly is likely deeper than was able to be modeled. The 2012 drill program succeeded in establishing widespread 'vein type' graphite mineralization over the targeted airborne geophysical conductor in a lateral and vertical extent, where it remains open. Drilling information indicates different types of graphite mineralization consisting of clasts of graphite vein material, disseminated graphite matrix and discrete graphite veins / veinlets.

Based on the results so far, and petrological work conducted by Dr. Andrew Conly at Lakehead University in Thunder Bay, it appears that the graphite was deposited hydrothermally. The most logical possible source for the deposited graphite (carbon) being the younger carbonatite intrusive. A Masters thesis is currently underway by a Lakehead University student in order to provide a better understanding of the source of the carbon and the formation of the brecciated zones.

11.0 Recommendations

The positive results of high grade graphite (carbon) mineralization discovered by the 2012 drilling program on the Block 4F conductors, warrants further exploration. A third phase of diamond drilling is recommended to continue to explore for additional graphite mineralized zones and to investigate the structural extent of the deposit. The following work is recommended:

1. A 3-D model of the graphite deposit should be attempted to be created using the 2011 (Z11-4F1) and 2012 (Z12-4F2 to Z12-4F9) drilling results data. This 3-D model could then be utilized to plan additional drill holes for the Phase III program.

2. A Phase III exploration program consisting of 5000 metres of infill diamond drilling to test for new zones of graphite mineralization.

12.0 References

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13.0 Certificates of Qualifications

I, **Glenda Carey**, of 218 London Dr, Thunder Bay, Ontario, do hereby certify that:

1. I hold a ***Bachelor of Science Degree in Earth Science (1989)*** from Memorial University of Newfoundland, St. Johns, Newfoundland and Labrador;

2. I have practiced my profession in Newfoundland and Labrador, NWT, Alberta, Nunavut and Ontario since 1989 and have been employed directly by mining and exploration companies and the Government of Nunavut, and Government of Newfoundland and Labrador;

3. I am presently an employee for Zenyatta Ventures Limited based in Thunder Bay, Ontario as a Geologist for the company;

4. I have worked on projects similar to that represented by the Albany Project, and have been hired by Zenyatta Ventures Ltd. I consider this report to be accurate in all respects;

5. Permission is granted to Zenyatta Ventures Limited to use this report in a prospectus or other financial offering.

Date: March 30, 2012 at Thunder Bay, Ontario

Glenda Carey, Geologist
Zenyatta Ventures Limited
1224 Amber Dr., Thunder Bay, Ontario P7B-6M5
Tel: (807) 346.1660, **Fax:** (807) 345.4412

APPENDIX 1

PHASE II
DIAMOND DRILL LOGS
Z12-4F2 TO Z12-4F9

ZENYATTA - ALBANY PROJECT - PHASE II DRILLING

SUMMARY LOG: Z12-4F2

EASTING	682500 (UTMs- NAD 83, Zone 16)
NORTHING	5545370 (UTMs- NAD 83, Zone 16)
ELEVATION	131 metres
AZIMUTH	0°
INCLINATION	-65
STARTED	March-29-12
ENDED	April-09-12
DRILLED BY	Foraco Canada
LOGGED BY	Ted Lamoureux, Andrew Dalby
ASSISTED BY	K. Genrich, J. Pinksen
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Pagwa Camp
TOTAL DEPTH	528.00 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z11-4F2	0.00	32.30	OVERBURDEN
Z11-4F2	32.30	39.95	CARBONATE PATCH REEF
Z11-4F2	39.95	44.03	BIOTURBATED LIMESTONE
Z11-4F2	44.03	47.10	BIOCLASTIC LIMESTONE
Z11-4F2	47.10	48.20	LIMEY WACKE interbedded with LIMEY SILTSTONE
Z11-4F2	48.20	187.02	FAULTED DIORITE
Z11-4F2	187.02	280.89	**GRAPHITIC OVERPRINTED SYENITE**
Z11-4F2	280.89	284.25	**GRAPHITIC BRECCIATED SYENITIC GNEISS**
Z11-4F2	284.25	295.00	**GRAPHITIC OVERPRINTED SYENITE**
Z11-4F2	295.00	310.93	MAFIC DYKE
Z11-4F2	310.93	380.27	SYENITIC GNEISS
Z11-4F2	380.27	439.89	**GRAPHITIC BRECCIATED SYENITIC GNEISS**
Z11-4F2	439.89	528.00	SYENITE

END OF HOLE

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z12-4F2	0.00	32.30	OVERBURDEN	
Z12-4F2	32.30	39.95	CARBONATE PATCH REEF	Strongly fractured fine to coarse grained/poorly sorted bioclastic grey to tan grey carbonate patch reef. Unit has frequent 3-20mm wide pits locally up to 5% of the rock. Lower contact transitional over 10cm.
Z12-4F2	39.95	44.03	BIOTURBATED LIMESTONE	Fine grained light tan- grey bioturbated limestone. Lower contact transitional over 3cm. There is a subunit of fine to medium grained bioclastic limestone from 42.87 to 43.35m; both contacts sharp @CAA65.
Z12-4F2	44.03	47.10	BIOCLASTIC LIMESTONE	Poorly sorted fine to coarse grained tan grey bioclastic limestone grading with coquina with visible brachiopod, bryozoan, and crinoid fragments. Limestone is locally pitted in the coquina sections, as in 32.30 to 39.95.
Z12-4F2	47.10	48.20	LIMEY WACKE interbedded with LIMEY SILTSTONE	Unit is mainly a poorly sorted fine to medium-coarse grained dark grey limey quartz wacke interbedded with light grey fine grained limey siltstone from 47.09 to 47.27 and from 47.51 to 47.57. There is trace fine euhedral pyrite, locally up to 3% in the bottom 20cm of the unit. The lower contact is originally sharp over an erosional unconformity, but has been partly obscured by loose, weathered basement rock.
Z12-4F2	48.20	187.02	FAULTED DIORITE	Non-magnetic fine to medium grained plagioclase-bleached grey diorite. Trace submillimeter carbonate veins down to 62m, in some cases flanked with some hematitic staining a few mm to a few cm into the main unit; the carbonate is often associated with parallel submillimeter chloritized biotite, which is also found on most fracture surfaces throughout the unit. Trace pyrite at 48.55. Trace pyrite is found after 110.19, with larger euhedral crystals along edges of fractures. Lower contact defined by the beginning of the downcore fault zone. -48.20 to 52.20 non magnetic medium to coarse grained, grey to mainly earthy-red Fe-paleoweathered diorite. There are numerous (up to 5% overall) submillimeter to a few mm thick carbonate veins at various orientations. The earthy-red stain is intense from 48.65 down to 51.00, and tapers off gradually below this. -62.69 to 63.00 non-magnetic fine grained pinkish grey aplite dyke. Sharp upper contact @CAA65, lower contact obscured by intense fracturing, but probably similar. -98.66 to 99.58 fault zone. Moderately fractured. Primary fracture @CAA 0-10. Secondary fracture @CAA 55-70. -106.81 to 108.93 fault zone. Moderately fractured down to 108.00m, then strongly fractured. Primary fracture @CAA32. Fracture surfaces are coated by submillimetre weakly conductive chloritized biotite and infrequent submillimetre veinlets. -117.23 to 117.28 fine grained pink carbonate vein @CAA75 -152.95-165.48 fault zone. Fracture surfaces are coated with chloritized biotite with trace submillimeter carbonate veins. Trace (locally up to 5%) fine euhedral pyrite at various depths: 144.65, 147.12, 147.98, 151.08, 156.66, 159.11, and at 165.48m. A few ~4mm wide pyrite blebs on fracture surface at 145.08. The fault itself is variably fractured: strongly fractured down to 153.56; weakly to 153.83; moderately to 157.28; strongly to 157.85, then alternating between moderately to strongly fractured to 165.48. Primary fracture @CAA~70, secondary fracture @CAA~10. Lower contact defined by the end of the fault zone. -154.64 to 154.91 2cm wide aplite vein @CAA14 with a thin 3mm chill margin of chloritized biotite and carbonate. -165.18 to 165.27 9cm fine-grained pink aplite vein @CAA75. Trace (locally up to 5%) fine euhedral pyrite from 166.16 to 166.33. -178.79 to 187.02 fault zone. Intensely fractured with 2m of core loss from 184.00 to 186.00, then moderately fractured below this with <3mm carbonate veins. Trace submillimeter euhedral pyrite at 179.26. Primary fracture @CAA~60, secondary fracture @CAA~15. Lower contact with faulted syenitic gneiss sharp within a weakly fractured zone @CAA~80.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z12-4F2	187.02	280.89	**GRAPHITIC OVERPRINTED SYENITE**	Trace graphite in submillimeter veinlets. Non-magnetic medium grained pinkish grey syenitic gneiss. This unit has trace graphitic mineralization throughout. Lower contact with mafic dyke sharp @ CAA35
Z12-4F2	280.89	284.25	**GRAPHITIC BRECCIATED SYENITIC GNEISS**	Alternating between matrix and framework supported, >70% syenitic gneiss clasts 2mm to 3cm average, angular, non-magnetic, dark grey with traces of pink potassium feldspar. The matrix (3-30%) is composed of fine black grains, some of which are graphite. Lump of graphite 4cm in diameter at 284.07. Trace finely disseminated pyrite throughout with blebs up to 2mm on some fractured surfaces. Lower contact transitional to syenitic gneiss over 2cm at 284.25.
Z12-4F2	284.25	295.00	**GRAPHITIC OVERPRINTED SYENITE**	Non-magnetic medium grained pinkish grey syenitic gneiss. This unit has trace graphitic mineralization throughout. There is a 0.4mm wide graphitic-rich breccia (matrix >80%) vein at 288.24m @CAA32. Basaltic veining in random directions from downcore unit common throughout. Lower contact with basalt sharp @ CAA35
Z12-4F2	295.00	310.93	MAFIC DYKE	Aphanitic dark grey basalt with graphitic overprint evidenced by very weak conductivity along certain veinlets. Trace pyrite on fracture surfaces. Submillimeter randomly oriented carbonate veins present but uncommon. Chloritized biotite on fracture surfaces. Lower contact defined as downcore fault zone.
Z12-4F2	310.93	380.27	SYENITIC GNEISS	No visible graphite. Non-magnetic medium grained pinkish grey syenitic gneiss, grading to grey nepheline syenite downcore as K-feldspar becomes depleted and returning to a potasic overprint approaching the lower contact. Locally faulted zones to 342.54 with primary fracture @CAA 70 and secondary fracture @CAA15. Chloritized biotite on fracture surfaces. Trace conductive vein at 364.60 @CAA40 and 379.10 @ CAA8. Randomly oriented submillimeter carbonate veins present throughout; carbonate veins cause a green reaction in the nepheline syenite with HCl. Trace finely disseminated pyrite throughout with concentrations on fracture surfaces locally as high as 3% in nepheline syenite. 2mm euhedral pyrite at 333.95 locally 5% over 5cm. Weak foliation @CAA 75. -315.45 to 316.06 strongly fractured. -317.12 to 321.32 strongly to intensely fractured. -317.71 to 317.92 and 321.71 to 321.92 chlorite biotite schist. -322.49 to 323.66 strong to intensely fractured. -325.68 to 325.81 chlorite alteration. -327.04 to 330.80 strong to intensely fractured. -334.26 to 335.05 strongly fractured. -341.55 to 342.54 moderately fractured. -373.46 to 373.68 chlorite biotite schist @CAA37.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z12-4F2	380.27	439.89	**GRAPHITIC BRECCIATED SYENITIC GNEISS**	380.27 to 384.86 graphitic brecciated syenitic gneiss (50% of subunit) alternating with syenitic gneiss (50% of subunit). The breccia itself is 30% matrix on average, composed of fine black grains, some of which are graphite. Lumps of graphite 4cm and 7cm in diameter at 380.05 and 383.09 respectively. >70% syenitic gneiss clasts 2mm to 3cm average, angular, non-magnetic, dark grey with traces of pink potassium feldspar. The Trace finely disseminated pyrite throughout with blebs up to 2mm on some fractured surfaces. The syenite zones contain dark trace conductive veinlets @CAA10. -384.86 to 392.42 medium grained syenitic gneiss. -392.42 to 419.45 graphitic brecciated syenitic gneiss (75% of subunit) alternating with syenitic gneiss (25% of subunit). The breccia itself is 30-40% matrix, composed of fine black grains, some of which are graphite. graphite lumps 5mm to 5cm are found widely spaced throughout. Syenitic clasts are 60-70%, 3mm to 3 cm on average. -419.45 to 423 medium grained syenitic gneiss -423 to 426.92 graphitic brecciated syenite (50% of subunit) alternating with syenite (50% of subunit). The breccia itself is 30% matrix, composed of fine black grains, some of which are graphite. Syenitic gneiss clasts 2mm to 3cm average, angular, non-magnetic, dark grey with traces of pink potassium feldspar. Graphite lumps 3cm and 8cm diameter at 436.38 and 436.92 respectively. Syenitic clasts up to 7cm diameter are found between 426.11 and 426.92. -426.92 to 432.34 medium grained syenite. -432.34 to 433.30 graphitic brecciated syenite. The breccia is 30% matrix, composed of fine black grains, some of which are graphite. Syenitic gneiss clasts 2mm to 3cm average, angular, non-magnetic, dark grey with traces of pink potassium feldspar. -433.30 to 438.15 syenite -338.15 to 439.89 graphitic brecciated syenite (60% of subunit) alternating with syenite (40% of subunit). The breccia itself is 30% matrix, composed of fine black grains, some of which are graphite. Lump graphite 4cm in diameter at 439.40. syenitic gneiss clasts 2mm to 3cm average, angular, non-magnetic, dark grey with traces of pink potassium feldspar.
Z12-4F2	439.89	528.00	SYENITE	Non magnetic fine to coarse grained syenite. Trace finely disseminated pyrite throughout. Surfaces of fractures often have blebs of pyrite covering as high as 3% surface area on most surfaces. Pyrite blebs on fractured surfaces at 468.67 covering 30% surface area. Randomly oriented carbonate veins are widely spaced throughout. 2mm carbonate vein at 456.64 @ CAA20. 2mm carbonate vein at 475.25 @CAA18. 5mm carbonate vein at 478.89 @CAA40. Large 1-5cm vesicles of finely crystallized biotite mixed with trace fine pyrite widely spaced throughout unit. Vein of fine grained biotite schist at 504.50 @CAA45. -456.64 to 466.05 medium grained nepheline syenite -479.24 to 483.76 fault zone. Moderately fractured to 479.60, intensely fractured to 479.80, weakly fractured to 481.47, and moderately fractured below this. -491.45 to 492.55 strongly to intensely fractured -500.00 to 500.50 strong potasic overprint -527.30 to 528.00 fine grained nepheline syenite
				END OF HOLE

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V	Cr
Z12-4F2	**W1350001**	47.09	48.19	1.10	Paleozoic cover	(none)	19.2	0.09	3.14	4.16	2.46	4.61	0.2	22	20.6
Z12-4F2	**W1350002**	48.19	50.00	1.81	Faulted diorite, red weathered, trace pyrite	(none)	127	0.03	2.46	6.23	3.08	2.58	< 0.1	104	52.4
Z12-4F2	**W1350003**	50.00	52.00	2.00	Faulted diorite, red weathered, trace pyrite	(none)	131	0.03	3.13	6.56	3.6	3.19	< 0.1	89	48.8
Z12-4F2	**W1350004**	52.00	54.00	2.00	Diorite, trace pyrite	(none)	35.6	1.33	2.83	5.87	0.61	5.81	< 0.1	146	45.7
Z12-4F2	**W1350005**	54.00	56.00	2.00	Diorite, trace pyrite	(none)	29.2	1.68	4.14	6.83	0.62	5.75	< 0.1	279	83.6
Z12-4F2	**W1350006**	56.00	58.00	2.00	Diorite, trace pyrite	(none)	34.2	1.57	3.4	6.32	0.46	6.4	< 0.1	254	65.1
Z12-4F2	**W1350007**	58.00	60.00	2.00	Diorite, trace pyrite	(none)	40.3	1.71	3.54	7.15	0.5	5.53	0.1	248	61.8
Z12-4F2	**W1350008**	60.00	62.00	2.00	Diorite, trace pyrite	(none)	51.2	1.85	3.76	6.8	0.74	6	0.1	239	72
Z12-4F2	**W1350009**	62.00	64.00	2.00	Diorite, aplite dyke, trace pyrite	(none)	52	1.9	3.12	6.89	0.81	5.37	0.1	175	58.1
Z12-4F2	**W1350010**	64.00	66.00	2.00	Diorite, trace pyrite	(none)	45.7	1.83	3.72	7.07	0.43	5.67	< 0.1	277	93
Z12-4F2	**W1350011**	66.00	68.00	2.00	Diorite, trace pyrite	(none)	47.2	1.8	3.24	7	0.56	5.43	0.1	169	73.2
Z12-4F2	**W1350012**	68.00	70.00	2.00	Diorite, trace pyrite	(none)	36	1.72	3.37	6.97	0.41	6.49	0.2	134	55.7
Z12-4F2	**W1350013**	70.00	72.00	2.00	Diorite, trace pyrite	(none)	39.7	1.94	3.58	7.68	0.46	6	< 0.1	195	55.6
Z12-4F2	**W1350014**	72.00	74.00	2.00	Diorite, trace pyrite	(none)	38	2.04	3.59	7.07	0.51	6.23	0.1	242	72.2
Z12-4F2	**W1350015**	74.00	76.00	2.00	Diorite, trace pyrite	(none)	28.9	1.87	3.82	7.83	0.48	6.19	0.1	264	62
Z12-4F2	**W1350016**	76.00	78.00	2.00	Diorite, trace pyrite	(none)	40.9	2.05	3.58	7.09	0.48	6.54	0.1	296	67.1
Z12-4F2	**W1350017**	78.00	80.00	2.00	Diorite, trace pyrite	(none)	45.5	1.94	3.86	7.91	0.47	6.41	0.2	276	68.7
Z12-4F2	**W1350018**	80.00	82.00	2.00	Diorite, trace pyrite	(none)	33.1	2.08	3.88	7.61	0.49	6.89	0.2	279	77.7
Z12-4F2	**W1350019**	82.00	84.00	2.00	Diorite, trace pyrite	(none)	19.2	1.64	3.57	7.36	0.38	6.49	0.2	222	72.3
Z12-4F2	**W1350020**	84.00	86.00	2.00	Diorite, trace pyrite	(none)	25.8	1.98	3.7	7.08	0.43	5.92	0.1	302	103
Z12-4F2	**W1350021**	86.00	88.00	2.00	Diorite, trace pyrite	(none)	35.9	1.87	3.08	6.76	0.46	6.2	0.2	206	69.2
Z12-4F2	**W1350022**	88.00	90.00	2.00	Diorite, trace pyrite	(none)	27.1	2.03	3.62	7.27	0.49	6.37	0.2	163	57.6
Z12-4F2	**W1350023**	90.00	92.00	2.00	Diorite, trace pyrite	(none)	23.8	1.82	3.66	7.54	0.44	5.93	0.2	179	51.4
Z12-4F2	**W1350024**	92.00	94.00	2.00	Diorite, trace pyrite	(none)	37.6	1.87	3.44	7.23	0.66	6.32	< 0.1	198	57.7
Z12-4F2	**W1350025**	**94.00**	**QC**		**J600090 Pulp 4.1% C (med)**	(none)	35.6	> 3.00	0.53	7.47	2.55	1.24	< 0.1	19	32.9
Z12-4F2	**W1350026**	94.00	96.00	2.00	Diorite, trace pyrite	(none)	55.4	2.1	3.61	7.15	0.65	6.67	0.1	332	73.9
Z12-4F2	**W1350027**	96.00	98.00	2.00	Diorite, trace pyrite	(none)	34.6	1.94	3.53	7.21	0.51	6.29	0.1	341	72.6
Z12-4F2	**W1350028**	98.00	100.00	2.00	Faulted diorite, trace pyrite	(none)	39.1	1.9	4.38	7.61	0.4	5.8	0.2	358	79.2
Z12-4F2	**W1350029**	100.00	102.00	2.00	Diorite, trace pyrite	(none)	32.9	2.05	3.64	7.3	0.46	7.02	0.1	290	63.5
Z12-4F2	**W1350030**	102.00	104.00	2.00	Diorite, trace pyrite	(none)	26.1	1.72	2.9	6.62	0.36	6.24	0.2	332	75.4
Z12-4F2	**W1350031**	104.00	106.00	2.00	Diorite, trace pyrite	(none)	44.6	2.24	3.58	7.22	0.56	6.14	0.1	185	77.4
Z12-4F2	**W1350032**	106.00	108.00	2.00	Faulted diorite, trace pyrite	(none)	43.3	2.06	3.46	7.06	0.47	6.66	< 0.1	267	60.2
Z12-4F2	**W1350033**	108.00	110.00	2.00	Faulted diorite, trace pyrite	(none)	37.9	2.14	3.75	8.04	0.45	6.11	0.1	276	57.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V	Cr
Z12-4F2	**W1350034**	110.00	112.00	2.00	Diorite, trace pyrite	(none)	44.1	1.97	3.3	7.28	0.65	6.29	0.1	214	84
Z12-4F2	**W1350035**	112.00	114.00	2.00	Diorite, trace pyrite	(none)	50.6	2.31	3.48	7.26	0.58	6.74	0.1	223	61.8
Z12-4F2	**W1350036**	114.00	116.00	2.00	Diorite, trace pyrite	(none)	39.6	1.89	3.18	6.77	0.46	6.47	0.2	203	55
Z12-4F2	**W1350037**	116.00	118.00	2.00	Diorite, trace pyrite	(none)	45.5	2.05	3.13	7.31	0.48	6.06	0.2	182	57.4
Z12-4F2	**W1350038**	118.00	120.00	2.00	Diorite, trace pyrite	(none)	35.9	2.02	3.19	6.52	0.42	6.07	0.1	345	83.7
Z12-4F2	**W1350039**	120.00	122.00	2.00	Diorite, trace pyrite	(none)	35.6	1.91	2.94	7.66	0.41	6.35	0.2	164	58
Z12-4F2	**W1350040**	122.00	124.00	2.00	Diorite, trace pyrite	(none)	33.9	2.09	3.24	7.46	0.43	5.88	0.2	147	56.6
Z12-4F2	**W1350041**	124.00	126.00	2.00	Diorite, trace pyrite	(none)	61.2	2.2	3.02	7.34	0.48	6.76	0.2	152	43.6
Z12-4F2	**W1350042**	126.00	128.00	2.00	Diorite, trace pyrite	(none)	34.9	2.18	3.56	7.08	0.41	6.43	0.2	210	62.9
Z12-4F2	**W1350043**	128.00	130.00	2.00	Diorite, trace pyrite	(none)	32.5	1.98	3.33	7.28	0.42	5.93	0.1	211	57.3
Z12-4F2	**W1350044**	130.00	132.00	2.00	Diorite, trace pyrite	(none)	46	2.08	3.1	6.99	0.55	6.52	0.2	219	60.4
Z12-4F2	**W1350045**	132.00	134.00	2.00	Diorite, trace pyrite	(none)	45.7	> 3.00	2	7.73	1.97	3.91	0.2	158	41.5
Z12-4F2	**W1350046**	134.00	136.00	2.00	Diorite, trace pyrite	(none)	26.7	> 3.00	1.1	7.47	2.33	2.54	0.2	86	27.2
Z12-4F2	**W1350047**	136.00	138.00	2.00	Diorite, trace pyrite	(none)	49.3	2.04	3.35	7.1	0.54	6.66	0.2	257	65.4
Z12-4F2	**W1350048**	138.00	140.00	2.00	Diorite, trace pyrite	(none)	50.6	2.19	3.2	7.03	0.59	6.09	0.2	240	75.7
Z12-4F2	**W1350049**	140.00	142.00	2.00	Diorite, trace pyrite	(none)	39.3	2.04	2.86	6.99	0.55	5.69	0.2	153	78.9
Z12-4F2	**W1350050**	**142.00**	**QC**		**M760121 Pulp: REE/C Blank**	(none)	33.4	2.79	4.39	8.14	2.49	3.78	< 0.1	4	4.6
Z12-4F2	**W1350051**	142.00	144.00	2.00	Diorite, trace pyrite	(none)	29.5	2.03	2.55	6.89	0.52	5.78	0.2	132	49.6
Z12-4F2	**W1350052**	144.00	146.00	2.00	Diorite, trace pyrite	(none)	54.5	1.9	2.73	6.31	0.59	5.61	0.2	169	53.5
Z12-4F2	**W1350053**	146.00	148.00	2.00	Diorite, trace pyrite	(none)	31.3	1.87	2.71	5.56	0.48	4.69	0.1	226	47.8
Z12-4F2	**W1350054**	148.00	150.00	2.00	Diorite, trace pyrite	(none)	30.5	2.1	3.15	7.07	0.52	5.75	0.2	321	63.9
Z12-4F2	**W1350055**	150.00	152.00	2.00	Diorite, trace pyrite	(none)	40.1	2.35	3.16	6.89	0.6	6.04	0.2	387	54.6
Z12-4F2	**W1350056**	152.00	154.00	2.00	Faulted diorite, trace pyrite	(none)	82.4	2.06	3.49	6.32	0.75	5.09	0.1	341	62.5
Z12-4F2	**W1350057**	154.00	156.00	2.00	Faulted diorite, trace pyrite	(none)	142	1.53	4.47	6.67	0.88	3.91	0.1	284	66.4
Z12-4F2	**W1350058**	156.00	158.00	2.00	Faulted diorite, trace pyrite	(none)	172	1.99	4.03	7.32	0.9	4.86	< 0.1	156	61
Z12-4F2	**W1350059**	158.00	160.00	2.00	Faulted diorite, trace pyrite	(none)	33.5	1.85	3.72	6.61	0.4	6.22	0.1	389	95.7
Z12-4F2	**W1350060**	160.00	162.00	2.00	Faulted diorite, trace pyrite	(none)	67.8	2.06	2.67	7.99	0.58	5.68	0.1	190	47.3
Z12-4F2	**W1350061**	162.00	164.00	2.00	Faulted diorite, trace pyrite	(none)	41.3	1.9	3.01	6.47	0.5	5.02	< 0.1	123	55.5
Z12-4F2	**W1350062**	164.00	166.00	2.00	Faulted diorite, trace pyrite	(none)	43.8	2.28	2.63	7.27	0.7	5.99	0.1	190	52.2
Z12-4F2	**W1350063**	166.00	168.00	2.00	Diorite, trace pyrite	(none)	32.4	2.3	3.3	7.66	0.46	6.67	0.2	310	59
Z12-4F2	**W1350064**	168.00	170.00	2.00	Diorite, trace pyrite	(none)	25.5	1.9	3.06	7.54	0.44	5.88	0.2	276	62.1
Z12-4F2	**W1350065**	170.00	172.00	2.00	Diorite, trace pyrite	(none)	23.6	1.82	2.94	7.28	0.47	6.78	0.2	299	49.1
Z12-4F2	**W1350066**	172.00	174.00	2.00	Diorite, trace pyrite	(none)	43.7	2.22	3.24	7.2	0.52	6.87	0.2	342	70.8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V	Cr
Z12-4F2	**W1350067**	174.00	176.00	2.00	Diorite, trace pyrite	(none)	35.8	1.77	2.84	6.69	0.47	6.56	0.1	138	50.8
Z12-4F2	**W1350068**	176.00	178.00	2.00	Diorite, trace pyrite	(none)	22.8	2.05	2.88	6.85	0.42	5.98	0.3	324	67.6
Z12-4F2	**W1350069**	178.00	179.33	1.33	Diorite, trace pyrite	(none)	51.8	1.81	2.83	6.81	0.52	6.42	0.2	162	61.5
Z12-4F2	**W1350070**	179.33	187.02	7.69	Diorite, trace pyrite	(none)	109	2.31	3.69	7.15	1.18	4.92	< 0.1	140	57.1
Z12-4F2	**W1350071**	187.02	201.20	14.18	Faulted diorite, intense fault zone, considerable core loss, trace pyrite	0.83	147	2.16	0.96	6.29	2.49	0.92	0.1	43	21
Z12-4F2	**W1350072**	201.20	203.00	1.80	graphiticbreccia vein, graphitic overprinted syenite, trace pyrite	0.77	33.6	> 3.00	0.37	7.32	2.25	1.11	0.1	19	11.9
Z12-4F2	**W1350073**	203.00	205.00	2.00	graphitic overprinted syenite, trace pyrite	0.31	22.5	> 3.00	0.3	7.31	2.05	0.83	0.2	13	7.4
Z12-4F2	**W1350074**	205.00	207.00	2.00	graphitic overprinted syenite, trace pyrite	0.34	13.4	> 3.00	0.17	6.28	2.55	0.99	< 0.1	10	5.1
Z12-4F2	**W1350075**	**207.00**	**QC**		**J600100 Pulp: 10% C (high)**	10.2	11.5	> 3.00	0.35	5.82	2.07	1	< 0.1	16	25.5
Z12-4F2	**W1350076**	207.00	209.00	2.00	graphitic overprinted syenite, trace pyrite	0.36	19	2.99	0.22	6.31	1.83	0.86	< 0.1	9	3.7
Z12-4F2	**W1350077**	209.00	211.00	2.00	graphitic overprinted syenite, trace pyrite	0.13	20.6	> 3.00	0.2	6.69	2.22	1.12	< 0.1	5	6.6
Z12-4F2	**W1350078**	211.00	213.00	2.00	graphitic overprinted syenite, trace pyrite	0.33	20.1	> 3.00	0.19	6.93	1.99	0.84	0.1	7	6.3
Z12-4F2	**W1350079**	213.00	215.00	2.00	graphitic overprinted syenite, trace pyrite	0.44	27.9	2.93	0.26	6.1	2.31	0.93	0.2	7	6.1
Z12-4F2	**W1350080**	215.00	217.00	2.00	graphitic overprinted syenite, trace pyrite	0.31	14.8	> 3.00	0.2	6.74	2.09	0.9	< 0.1	10	9.3
Z12-4F2	**W1350081**	217.00	217.89	0.89	graphitic overprinted syenite, graphitic breccia vein, trace pyrite	0.6	28.6	> 3.00	0.31	6.39	2.04	1.07	< 0.1	13	7
Z12-4F2	**W1350082**	217.89	220.19	2.30	graphitic overprinted syenite, trace pyrite	1.56	201	1.43	2.96	5.71	3.57	1.89	< 0.1	162	54.5
Z12-4F2	**W1350083**	220.19	231.00	10.81	graphitic overprinted syenite, trace pyrite	0.26	70.6	1	0.88	5.39	2.37	0.53	< 0.1	17	6.9
Z12-4F2	**W1350084**	231.00	237.79	6.79	graphitic overprinted syenite, trace pyrite	0.34	53	1.76	0.71	6.16	2.86	0.67	< 0.1	20	7.9
Z12-4F2	**W1350085**	237.79	239.00	1.21	graphitic overprinted syenite, trace pyrite	0.55	21.1	> 3.00	0.23	6.95	2.24	0.53	< 0.1	11	9.8
Z12-4F2	**W1350086**	239.00	241.00	2.00	graphitic overprinted syenite, trace pyrite	0.3	25.6	2.77	0.22	7.08	2.26	0.75	0.2	8	9.3
Z12-4F2	**W1350087**	241.00	243.00	2.00	graphitic overprinted syenite, trace pyrite	0.13	55	2.49	0.25	5.46	2.08	0.59	< 0.1	3	6.2
Z12-4F2	**W1350088**	243.00	245.00	2.00	graphitic overprinted syenite, trace pyrite	0.15	28.4	> 3.00	0.16	7.07	2.35	0.94	< 0.1	6	6.1
Z12-4F2	**W1350089**	245.00	247.00	2.00	graphitic overprinted syenite, trace pyrite	0.26	30.4	2.9	0.12	6.61	2.32	0.97	< 0.1	4	3.3
Z12-4F2	**W1350090**	247.00	249.00	2.00	graphitic overprinted syenite, trace pyrite	0.21	42	2.98	0.14	6.88	2.68	0.98	< 0.1	6	1.9
Z12-4F2	**W1350091**	249.00	251.00	2.00	graphitic overprinted syenite, trace pyrite	0.17	31.6	2.78	0.15	6.24	1.98	0.78	0.3	5	4
Z12-4F2	**W1350092**	251.00	253.00	2.00	graphitic overprinted syenite, trace pyrite	0.25	86	2.4	1.25	5.82	1.87	0.64	0.5	24	118
Z12-4F2	**W1350093**	253.00	255.00	2.00	graphitic overprinted syenite, trace pyrite	0.24	31.3	2.56	0.16	6.26	3.23	0.81	0.4	5	5.7
Z12-4F2	**W1350094**	255.00	257.00	2.00	graphitic overprinted syenite, trace pyrite	0.1	40.1	> 3.00	0.19	7.67	3.43	0.78	0.2	5	4.8
Z12-4F2	**W1350095**	257.00	259.00	2.00	graphitic overprinted syenite, trace pyrite	0.19	34.7	> 3.00	0.14	6.41	2.84	1.01	0.2	5	5.6
Z12-4F2	**W1350096**	259.00	261.00	2.00	graphitic overprinted syenite, trace pyrite	0.2	30.2	> 3.00	0.17	7.05	2.12	0.94	0.2	6	13.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V	Cr
Z12-4F2	**W1350097**	261.00	263.00	2.00	graphitic overprinted syenite, trace pyrite	0.43	33.6	2.8	0.16	6.55	2.16	0.91	0.2	5	3.7
Z12-4F2	**W1350098**	263.00	265.00	2.00	graphitic overprinted syenite, trace pyrite	0.29	55.4	> 3.00	0.54	7.55	1.86	1.21	< 0.1	19	22.5
Z12-4F2	**W1350099**	265.00	267.00	2.00	graphitic overprinted syenite, trace pyrite	0.4	37	2.64	0.19	6.26	2.15	1.22	0.2	7	2.9
Z12-4F2	**W1350100**	**267.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.9	33.1	2.72	3.96	6.86	2.1	3.5	< 0.1	2	5.1
Z12-4F2	**W1350101**	267.00	269.00	2.00	graphitic overprinted syenite, trace pyrite	0.2	37.1	> 3.00	0.2	6.6	2.62	0.87	0.5	9	3.7
Z12-4F2	**W1350102**	269.00	271.00	2.00	graphitic overprinted syenite, trace pyrite	0.4	30.2	2.73	0.25	6.92	3.26	0.59	0.3	7	13.8
Z12-4F2	**W1350103**	271.00	273.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	44.3	> 3.00	0.3	6.88	3.78	0.6	0.2	8	6.6
Z12-4F2	**W1350104**	273.00	275.00	2.00	graphitic overprinted syenite, trace pyrite	0.38	34.3	2.38	0.29	6.33	3.09	0.64	0.1	9	19.1
Z12-4F2	**W1350105**	275.00	277.00	2.00	graphitic overprinted syenite, trace pyrite	0.47	22.8	> 3.00	0.36	6.98	2.13	0.7	< 0.1	13	15.1
Z12-4F2	**W1350106**	277.00	279.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	26.6	2.98	0.37	6.85	2.08	0.44	< 0.1	11	6.1
Z12-4F2	**W1350107**	279.00	280.89	1.89	graphitic overprinted syenite, trace pyrite	1.19	43.6	2.67	0.29	6.09	2.1	0.89	0.1	8	35.2
Z12-4F2	**W1350108**	280.89	281.98	1.09	graphitic brecciated syenitic gneiss, trace pyrite	4.79	39.6	> 3.00	0.69	6.78	2.29	1.25	< 0.1	35	25.2
Z12-4F2	**W1350109**	281.98	283.11	1.13	graphitic brecciated syenitic gneiss, trace pyrite	4.66	45.5	2.36	0.5	6.73	2.81	0.88	< 0.1	17	12.7
Z12-4F2	**W1350110**	283.11	284.25	1.14	graphitic brecciated syenitic gneiss, lump inside, trace pyrite	6.28	24.5	> 3.00	0.29	6.79	2.38	0.99	< 0.1	13	9.8
Z12-4F2	**W1350111**	284.25	286.00	1.75	graphitic overprinted syenite, trace pyrite	0.41	47.1	2.93	0.48	6.73	2.41	1.24	0.2	17	10.4
Z12-4F2	**W1350112**	286.00	288.00	2.00	graphitic overprinted syenite, trace pyrite	0.41	28.3	> 3.00	0.22	7.28	2.24	1.07	< 0.1	7	9
Z12-4F2	**W1350113**	288.00	290.00	2.00	graphitic overprinted syenite, trace pyrite	0.95	27	> 3.00	0.32	6.53	2.32	1.17	< 0.1	10	10.7
Z12-4F2	**W1350114**	290.00	292.00	2.00	graphitic overprinted syenite, trace pyrite	0.67	19.4	2.48	0.2	6.25	1.84	0.77	< 0.1	7	6.7
Z12-4F2	**W1350115**	292.00	295.00	3.00	graphitic overprinted syenite, trace pyrite	0.32	30.5	> 3.00	0.32	7.01	2.16	0.95	< 0.1	16	6.9
Z12-4F2	**W1350116**	295.00	297.00	2.00	mafic dyke, trace pyrite	0.35	106	2.48	3.22	6.35	1.03	4.47	0.1	276	68.1
Z12-4F2	**W1350117**	297.00	299.11	2.11	mafic dyke, trace pyrite	0.4	90.9	2.26	3.24	6.94	1.08	4.91	0.2	174	61.8
Z12-4F2	**W1350118**	299.11	302.55	3.44	mafic dyke, trace pyrite	0.96	169	1.65	4.49	6.81	2.39	2.91	< 0.1	192	60.5
Z12-4F2	**W1350119**	302.55	305.00	2.45	mafic dyke, trace pyrite	0.27	75.6	2.49	1.47	7.11	2.38	0.77	< 0.1	53	12.7
Z12-4F2	**W1350120**	305.00	307.00	2.00	mafic dyke, trace pyrite	0.29	110	2.22	3.25	7.49	1.41	5.44	0.2	300	51.3
Z12-4F2	**W1350121**	307.00	310.93	3.93	mafic dyke, trace pyrite	0.64	122	2.24	3.65	6.96	1.74	4.12	0.1	267	55.7
Z12-4F2	**W1350122**	310.93	313.00	2.07	syenitic gneiss, trace pyrite	0.44	53.4	> 3.00	0.37	6.98	2.24	0.88	0.2	12	8.6
Z12-4F2	**W1350123**	313.00	315.00	2.00	syenitic gneiss, trace pyrite	0.25	73.2	2.9	0.41	6.59	2.1	0.5	< 0.1	9	4.9
Z12-4F2	**W1350124**	315.00	317.00	2.00	syenitic gneiss, strong fracture, trace pyrite	0.51	226	2.94	1.06	6.8	2.43	0.33	< 0.1	21	22.9
Z12-4F2	**W1350125**	**317.00**	**QC**		**J600090 Pulp 4.1% C (med)**	4.07	35.4	> 3.00	0.46	6.64	2.39	1.15	< 0.1	16	18.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V	Cr
Z12-4F2	**W1350126**	317.00	319.00	2.00	syenitic gneiss, biotite chlorite schist strong fracture, trace pyrite	0.18	180	2.86	2.4	6.62	1.84	0.67	0.1	51	172
Z12-4F2	**W1350127**	319.00	321.00	2.00	syenitic gneiss, strong fracture, trace pyrite	0.1	50.7	2.39	0.41	6.3	2.05	0.54	0.4	6	4.5
Z12-4F2	**W1350128**	321.00	323.00	2.00	syenitic gneiss, strong fracture, trace pyrite	0.3	131	> 3.00	1.26	6.36	2.13	0.92	0.2	20	64.5
Z12-4F2	**W1350129**	323.00	325.00	2.00	syenitic gneiss, strong fracture, trace pyrite	0.1	26.8	> 3.00	0.31	8.13	2.61	0.65	0.4	3	9.1
Z12-4F2	**W1350130**	325.00	327.00	2.00	syenitic gneiss, chlorite alteration, trace pyrite	0.09	14.8	> 3.00	0.08	7.2	2.24	0.97	0.3	< 1	9.8
Z12-4F2	**W1350131**	327.00	330.00	3.00	syenitic gneiss, strong fracture, trace pyrite	0.15	39.5	> 3.00	0.21	7.71	2.43	1.02	0.4	3	11.6
Z12-4F2	**W1350132**	330.00	333.00	3.00	syenitic gneiss, trace pyrite	0.07	22.6	> 3.00	0.17	7.43	3.88	1.21	0.4	5	7.7
Z12-4F2	**W1350133**	333.00	335.05	2.05	syenitic gneiss, strong fracture, trace pyrite	0.17	39.4	> 3.00	0.37	8.02	2.59	0.86	0.3	2	10.9
Z12-4F2	**W1350134**	335.05	337.00	1.95	syenitic gneiss, trace pyrite	0.05	30.7	> 3.00	0.11	8.1	2.88	1.03	0.3	1	7.1
Z12-4F2	**W1350135**	337.00	339.00	2.00	syenitic gneiss, trace pyrite	0.15	31.1	> 3.00	0.07	5.94	1.97	1.02	0.3	< 1	4.5
Z12-4F2	**W1350136**	339.00	341.00	2.00	syenitic gneiss, trace pyrite	0.07	14.6	> 3.00	0.1	7.76	2.08	1	0.2	2	6.6
Z12-4F2	**W1350137**	341.00	343.00	2.00	syenitic gneiss, moderate fracture, trace pyrite	0.06	31.4	> 3.00	0.23	7.43	2.85	1.21	0.1	< 1	5.8
Z12-4F2	**W1350138**	343.00	345.00	2.00	syenitic gneiss, trace pyrite	0.03	40.4	> 3.00	0.2	8.11	2.71	1.22	0.1	2	12
Z12-4F2	**W1350139**	345.00	347.00	2.00	syenitic gneiss, trace pyrite	< 0.01	33.7	> 3.00	0.15	7.02	2.51	0.99	0.1	1	4
Z12-4F2	**W1350140**	347.00	349.00	2.00	syenitic gneiss, trace pyrite	0.07	37.8	> 3.00	0.11	7.33	2.5	1.14	0.1	< 1	4.1
Z12-4F2	**W1350141**	349.00	351.00	2.00	syenitic gneiss, trace pyrite	0.05	49	> 3.00	0.09	8.14	3.35	1.2	0.2	2	22.9
Z12-4F2	**W1350142**	351.00	353.00	2.00	syenitic gneiss, trace pyrite	0.07	55	> 3.00	0.16	8.46	4.02	1.04	0.2	1	6.8
Z12-4F2	**W1350143**	353.00	355.00	2.00	syenitic gneiss, trace pyrite	0.09	33.1	> 3.00	0.1	8.83	4.05	1.21	0.2	1	8.9
Z12-4F2	**W1350144**	355.00	357.00	2.00	syenitic gneiss, trace pyrite	0.09	34.9	> 3.00	0.12	7.95	2.78	1.18	< 0.1	< 1	8.9
Z12-4F2	**W1350145**	357.00	359.00	2.00	syenitic gneiss, trace pyrite	0.06	32.9	> 3.00	0.05	6.72	2.47	1.21	0.1	< 1	4.9
Z12-4F2	**W1350146**	359.00	361.00	2.00	syenitic gneiss, trace pyrite	0.05	37.2	> 3.00	0.08	7.84	2.4	1.14	0.1	2	6.3
Z12-4F2	**W1350147**	361.00	363.00	2.00	syenitic gneiss, trace pyrite	0.04	33.1	> 3.00	0.11	7.28	2.84	1.23	0.2	< 1	12.9
Z12-4F2	**W1350148**	363.00	365.00	2.00	syenitic gneiss, trace pyrite	0.11	31	> 3.00	0.1	7.63	2.77	1.13	0.2	1	4.8
Z12-4F2	**W1350149**	365.00	367.00	2.00	syenitic gneiss, trace pyrite	0.1	21	> 3.00	0.08	6.3	2.2	1.1	0.1	< 1	5.3
Z12-4F2	**W1350150**	**367.00**	**QC**		**J600100 Pulp: 10% C (high)**	10.2	14.4	> 3.00	0.42	6.61	2.33	1.04	< 0.1	15	29.9
Z12-4F2	**W1350151**	367.00	369.00	2.00	syenitic gneiss, trace pyrite	0.09	13.6	> 3.00	0.1	7.59	2.98	1.24	0.3	3	4
Z12-4F2	**W1350152**	369.00	371.00	2.00	syenitic gneiss, trace pyrite	0.08	12.7	> 3.00	0.08	7.75	3.12	1.24	0.2	< 1	4.9
Z12-4F2	**W1350153**	371.00	373.00	2.00	syenitic gneiss, trace pyrite	0.17	36.4	> 3.00	0.15	7.89	3.19	1.26	0.2	3	10.9
Z12-4F2	**W1350154**	373.00	375.00	2.00	syenitic gneiss, biotite chlorite schist, trace pyrite	0.23	86.9	2.58	1.72	6.83	2.24	1.29	< 0.1	29	152

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V	Cr
Z12-4F2	**W1350155**	375.00	377.00	2.00	syenitic gneiss, trace pyrite	0.18	47.7	> 3.00	0.42	7.11	2.43	1.28	0.2	9	25.7
Z12-4F2	**W1350156**	377.00	379.00	2.00	syenitic gneiss, trace pyrite	0.21	45.6	2.82	0.4	6.37	1.93	1.01	< 0.1	9	25.5
Z12-4F2	**W1350157**	379.00	380.27	1.27	syenitic gneiss, trace pyrite	0.49	45.8	> 3.00	0.25	7.29	2.2	1.14	< 0.1	6	16.3
Z12-4F2	**W1350158**	380.27	380.59	0.32	graphitic brecciated syenitic gneiss, trace pyrite	5.67	44.5	> 3.00	0.54	6.65	1.91	1.37	< 0.1	17	20.2
Z12-4F2	**W1350159**	380.59	381.10	0.51	graphitic brecciated syenitic gneiss, trace pyrite	0.51	38.6	> 3.00	0.61	6.14	1.95	1.29	0.2	12	21.5
Z12-4F2	**W1350160**	381.10	381.54	0.44	graphitic brecciated syenitic gneiss, trace pyrite	2.43	53.1	> 3.00	0.34	6.78	2.15	1.07	< 0.1	9	19.4
Z12-4F2	**W1350161**	381.54	382.91	1.37	graphitic brecciated syenitic gneiss, trace pyrite	1	38.2	> 3.00	0.23	7.52	2.7	1.02	< 0.1	7	13.5
Z12-4F2	**W1350162**	382.91	383.74	0.83	graphitic brecciated syenitic gneiss, trace pyrite	6.53	85.7	> 3.00	0.94	6.73	2.66	1.74	< 0.1	21	68.1
Z12-4F2	**W1350163**	383.74	384.30	0.56	graphitic brecciated syenitic gneiss, trace pyrite	0.77	67	> 3.00	0.56	7.2	2.73	1.38	0.2	16	22.1
Z12-4F2	**W1350164**	384.30	384.86	0.56	graphitic overprinted syenitic gneiss, trace pyrite	6.27	64.3	> 3.00	0.55	7.08	3.05	1.2	< 0.1	16	29.8
Z12-4F2	**W1350165**	384.86	386.69	1.83	graphitic overprinted syenitic gneiss, trace pyrite	0.75	56.2	> 3.00	0.47	6.54	1.88	1.17	0.3	12	21.9
Z12-4F2	**W1350166**	386.69	387.94	1.25	graphitic overprinted syenitic gneiss, trace pyrite	0.06	55.4	> 3.00	0.53	8.27	2.5	1.72	0.2	< 1	5
Z12-4F2	**W1350167**	387.94	389.00	1.06	graphitic overprinted syenitic gneiss, trace pyrite	0.3	43.9	> 3.00	0.5	6.87	1.95	1.12	0.2	13	13.9
Z12-4F2	**W1350168**	389.00	391.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.36	99.3	> 3.00	0.84	7.68	2.29	1.39	0.3	21	37.4
Z12-4F2	**W1350169**	391.00	392.42	1.42	graphitic overprinted syenitic gneiss, trace pyrite	0.52	113	> 3.00	1.2	6.28	2.06	1.4	0.2	26	54.7
Z12-4F2	**W1350170**	392.42	394.42	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.34	102	> 3.00	0.3	6.87	2.1	1.72	< 0.1	10	8.3
Z12-4F2	**W1350171**	394.42	395.05	0.63	graphitic brecciated syenitic gneiss, trace pyrite	5.29	50.3	> 3.00	0.86	7.04	2.59	1.63	< 0.1	24	51.5
Z12-4F2	**W1350172**	395.05	395.91	0.86	graphitic brecciated syenitic gneiss, trace pyrite	2.23	57.2	> 3.00	0.55	7.51	2.04	1.46	0.1	19	21.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V	Cr
Z12-4F2	**W1350173**	395.91	398.55	2.64	graphitic brecciated syenitic gneiss, trace pyrite	6.64	51.5	> 3.00	0.98	6.71	2.32	1.39	< 0.1	22	54.4
Z12-4F2	**W1350174**	398.55	399.21	0.66	graphitic brecciated syenitic gneiss, trace pyrite	2.44	52	> 3.00	0.72	7.07	1.72	1.36	< 0.1	27	24.9
Z12-4F2	**W1350175**	**399.21**	**QC**		**J600090 Pulp 4.1% C (med)**	4.14	36.8	> 3.00	0.47	6.6	1.95	1.14	< 0.1	16	24.4
Z12-4F2	**W1350176**	399.21	401.00	1.79	graphitic brecciated syenitic gneiss, trace pyrite	6.72	49	2.83	0.97	6.66	2.04	1.3	< 0.1	21	47.2
Z12-4F2	**W1350177**	401.00	402.51	1.51	graphitic brecciated syenitic gneiss, trace pyrite	6.94	62.9	> 3.00	0.93	6.15	1.95	1.41	< 0.1	24	40.6
Z12-4F2	**W1350178**	402.51	403.31	0.80	graphitic brecciated syenitic gneiss, trace pyrite	0.88	66.3	> 3.00	0.45	6.8	2.01	1.03	0.1	11	18.2
Z12-4F2	**W1350179**	403.31	405.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	5.53	74.8	> 3.00	1.83	6.63	2.14	1.43	< 0.1	32	116
Z12-4F2	**W1350180**	405.00	406.71	1.71	graphitic brecciated syenitic gneiss, trace pyrite	4.2	35.5	2.99	1.33	6.38	2.41	1.67	< 0.1	34	88.4
Z12-4F2	**W1350181**	406.71	407.65	0.94	graphitic brecciated syenitic gneiss, trace pyrite	3.42	68.5	> 3.00	1.14	7.22	1.98	1.59	< 0.1	23	63.3
Z12-4F2	**W1350182**	407.65	408.63	0.98	graphitic brecciated syenitic gneiss, trace pyrite	0.19	33.8	> 3.00	0.35	7.47	2.36	1.36	0.1	6	12.9
Z12-4F2	**W1350183**	408.63	410.00	1.37	graphitic brecciated syenitic gneiss, trace pyrite	3.89	48.5	> 3.00	0.9	7.13	2.15	1.48	< 0.1	22	51.2
Z12-4F2	**W1350184**	410.00	412.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.81	38.7	2.62	0.68	6.01	1.72	1.17	< 0.1	19	38.2
Z12-4F2	**W1350185**	412.00	413.69	1.69	graphitic brecciated syenitic gneiss, trace pyrite	5.08	69.2	2.86	1.88	6.3	2.27	2.01	0.2	39	115
Z12-4F2	**W1350186**	413.69	414.35	0.66	graphitic brecciated syenitic gneiss, trace pyrite	0.38	31	2.64	0.19	6.79	2.63	0.92	0.2	7	6.2
Z12-4F2	**W1350187**	414.35	416.27	1.92	graphitic brecciated syenitic gneiss, trace pyrite	4.46	43.5	> 3.00	0.85	6.29	1.89	1.17	< 0.1	18	34.5
Z12-4F2	**W1350188**	416.27	416.73	0.46	graphitic brecciated syenitic gneiss, trace pyrite	3.22	135	0.92	4.95	3.39	1.3	5.42	< 0.1	6	17.8
Z12-4F2	**W1350189**	416.73	417.98	1.25	graphitic brecciated syenitic gneiss, trace pyrite	4.98	124	2.28	3.74	6.2	2.14	1.13	0.3	60	279

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V	Cr
Z12-4F2	**W1350190**	417.98	418.82	0.84	graphitic brecciated syenitic gneiss, trace pyrite	0.23	122	> 3.00	0.62	7.58	2.25	0.13	0.1	2	11
Z12-4F2	**W1350191**	418.82	419.40	0.58	graphitic brecciated syenitic gneiss, trace pyrite	5.35	50.6	> 3.00	0.94	6.63	2.1	1.33	< 0.1	20	43.9
Z12-4F2	**W1350192**	419.40	421.00	1.60	graphitic overprinted syenitic gneiss, trace pyrite	0.42	61.4	> 3.00	0.65	7.96	2.19	0.67	0.1	3	9.1
Z12-4F2	**W1350193**	421.00	423.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.15	47.2	> 3.00	0.37	8.76	2.86	1.01	0.1	1	9.9
Z12-4F2	**W1350194**	423.00	423.46	0.46	graphitic brecciated syenitic gneiss, trace pyrite	7.26	71	2.34	1.29	4.97	1.87	1.46	< 0.1	31	98.8
Z12-4F2	**W1350195**	423.46	424.46	1.00	graphitic brecciated syenitic gneiss, trace pyrite	2.86	38.9	> 3.00	0.51	6.68	1.92	1.17	< 0.1	14	25.2
Z12-4F2	**W1350196**	424.46	425.18	0.72	graphitic brecciated syenitic gneiss, trace pyrite	4.73	36.5	2.83	0.44	6.16	2.36	1.29	< 0.1	14	17.1
Z12-4F2	**W1350197**	425.18	426.11	0.93	graphitic brecciated syenitic gneiss, trace pyrite	0.54	47.4	> 3.00	0.43	6.7	2.3	1.04	< 0.1	11	23.5
Z12-4F2	**W1350198**	426.11	426.92	0.81	graphitic brecciated syenitic gneiss, trace pyrite	4	38.1	> 3.00	0.57	7.2	2.12	1.34	< 0.1	13	28.3
Z12-4F2	**W1350199**	426.92	429.00	2.08	graphitic overprinted syenitic gneiss, trace pyrite	0.27	35	> 3.00	0.21	7.31	3.24	1.25	0.2	3	24.5
Z12-4F2	**W1350200**	**429.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.86	41.5	> 3.00	4.6	7.85	2.47	3.98	0.1	3	11.4
Z12-4F2	**W1350201**	429.00	431.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.08	48.8	> 3.00	0.22	7.29	3.16	1.18	0.1	1	4.4
Z12-4F2	**W1350202**	431.00	432.34	1.34	graphitic overprinted syenitic gneiss, trace pyrite	0.33	30.2	> 3.00	0.18	5.69	2.24	0.92	0.1	2	11.1
Z12-4F2	**W1350203**	432.34	433.26	0.92	graphitic brecciated syenitic gneiss, trace pyrite	4.81	105	> 3.00	0.92	6.72	1.96	1.57	< 0.1	19	47.2
Z12-4F2	**W1350204**	433.26	435.50	2.24	graphitic overprinted syenitic gneiss, trace pyrite	0.35	33.1	> 3.00	0.17	7.62	2.74	1.08	0.2	3	8
Z12-4F2	**W1350205**	435.50	438.00	2.50	graphitic overprinted syenitic gneiss, trace pyrite	0.07	41.5	> 3.00	0.18	7.88	3.25	1.03	0.1	1	9.2
Z12-4F2	**W1350206**	438.00	438.82	0.82	graphitic brecciated syenitic gneiss, trace pyrite	1.04	45.4	> 3.00	0.35	7	2.17	1.1	< 0.1	11	22.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V	Cr
Z12-4F2	**W1350207**	438.82	439.89	1.07	graphitic brecciated syenitic gneiss, trace pyrite	4.69	34.7	> 3.00	0.6	6.34	1.85	1.26	< 0.1	14	31.9
Z12-4F2	**W1350208**	439.89	442.00	2.11	syenite,trace pyrite	0.36	54.4	2.82	0.41	6.48	2.03	1.15	< 0.1	12	21.4
Z12-4F2	**W1350209**	442.00	444.00	2.00	syenite,trace pyrite	0.32	47.9	> 3.00	0.45	6.92	1.64	1.27	< 0.1	12	19.6
					EOH										

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag	Cs	Co
Z12-4F2	**W1350001**	47.09	48.19	1.10	Paleozoic cover	302	1.76	2.8	25.7	1.4	1.2	0.5	0.41	2.45	29.3
Z12-4F2	**W1350002**	48.19	50.00	1.81	Faulted diorite, red weathered, trace pyrite	293	7.99	1.9	30.2	2.6	3.1	0.9	0.23	11.6	30.6
Z12-4F2	**W1350003**	50.00	52.00	2.00	Faulted diorite, red weathered, trace pyrite	521	7.43	1.4	31.7	2.7	1.8	0.9	0.13	10.2	17.9
Z12-4F2	**W1350004**	52.00	54.00	2.00	Diorite, trace pyrite	1150	9.24	0.9	57.3	2.7	0.7	0.9	0.32	3.71	45.4
Z12-4F2	**W1350005**	54.00	56.00	2.00	Diorite, trace pyrite	1510	11.7	1.7	65.6	3	0.9	1	0.22	4.52	50.8
Z12-4F2	**W1350006**	56.00	58.00	2.00	Diorite, trace pyrite	1440	10.5	1.7	65.3	3	0.7	1	0.17	2.75	49.1
Z12-4F2	**W1350007**	58.00	60.00	2.00	Diorite, trace pyrite	1430	10.6	2.1	56.2	3.1	0.9	1.1	0.17	3.05	45.3
Z12-4F2	**W1350008**	60.00	62.00	2.00	Diorite, trace pyrite	1250	10.3	1.7	63.7	3.4	1.1	1.1	0.15	5.31	45.3
Z12-4F2	**W1350009**	62.00	64.00	2.00	Diorite, aplite dyke, trace pyrite	1300	9.57	2.8	57.5	3.5	1.9	1.2	0.15	3.28	45.2
Z12-4F2	**W1350010**	64.00	66.00	2.00	Diorite, trace pyrite	1530	10.5	2.5	57.5	3	1.2	1	0.15	2.11	44.5
Z12-4F2	**W1350011**	66.00	68.00	2.00	Diorite, trace pyrite	1480	9.62	1.6	54.1	3	1.2	1.1	0.13	3.32	41.6
Z12-4F2	**W1350012**	68.00	70.00	2.00	Diorite, trace pyrite	1440	10.4	0.6	61.6	3.1	1	1.1	0.13	2.11	47.7
Z12-4F2	**W1350013**	70.00	72.00	2.00	Diorite, trace pyrite	1450	10.1	1.5	59	3.1	1.3	1.1	0.14	2.41	44.9
Z12-4F2	**W1350014**	72.00	74.00	2.00	Diorite, trace pyrite	1510	9.93	1.7	63.6	3.2	1.6	1.1	0.14	3.21	49.1
Z12-4F2	**W1350015**	74.00	76.00	2.00	Diorite, trace pyrite	1630	11	2	65.7	3	1.1	1	0.16	2.67	49.5
Z12-4F2	**W1350016**	76.00	78.00	2.00	Diorite, trace pyrite	1530	10.1	1.9	67.7	3.1	0.9	1.1	0.2	3.3	48.2
Z12-4F2	**W1350017**	78.00	80.00	2.00	Diorite, trace pyrite	1720	11.4	2.1	63.9	3.2	0.9	1.1	0.15	2.66	48.5
Z12-4F2	**W1350018**	80.00	82.00	2.00	Diorite, trace pyrite	1620	11	1.8	72.5	3.3	0.9	1.1	0.17	3.24	49.1
Z12-4F2	**W1350019**	82.00	84.00	2.00	Diorite, trace pyrite	1670	11	1.8	62.3	3	1.2	1.1	0.15	1.92	48
Z12-4F2	**W1350020**	84.00	86.00	2.00	Diorite, trace pyrite	1710	10.7	2.4	58.1	3.4	1.1	1.2	0.16	2.56	45.5
Z12-4F2	**W1350021**	86.00	88.00	2.00	Diorite, trace pyrite	1650	11.3	1.6	57.2	3.5	1.2	1.2	0.16	2.49	47.8
Z12-4F2	**W1350022**	88.00	90.00	2.00	Diorite, trace pyrite	1770	11.8	0.6	58.3	3.6	1.4	1.2	0.18	3	50.6
Z12-4F2	**W1350023**	90.00	92.00	2.00	Diorite, trace pyrite	1680	11.2	1.4	56.7	3.2	0.8	1.1	0.18	2.34	47.1
Z12-4F2	**W1350024**	92.00	94.00	2.00	Diorite, trace pyrite	1650	11.3	1.4	61.1	3.2	1.1	1.1	0.15	3.86	47.4
Z12-4F2	**W1350025**	**94.00**	**QC**		**J600090 Pulp 4.1% C (med)**	338	1.84	2	12.4	1.3	2.7	0.5	0.16	2.9	4.4
Z12-4F2	**W1350026**	94.00	96.00	2.00	Diorite, trace pyrite	1710	11.7	2.1	66.6	4	2	1.4	0.25	5.37	51.5
Z12-4F2	**W1350027**	96.00	98.00	2.00	Diorite, trace pyrite	1740	12.2	2.4	59.5	3.6	0.8	1.2	0.2	3.73	50.8
Z12-4F2	**W1350028**	98.00	100.00	2.00	Faulted diorite, trace pyrite	1580	11.9	2.1	61.9	2.9	1	1	0.17	3.15	52.3
Z12-4F2	**W1350029**	100.00	102.00	2.00	Diorite, trace pyrite	1600	12	1.8	63.8	3.4	1	1.2	0.19	2.24	53.2
Z12-4F2	**W1350030**	102.00	104.00	2.00	Diorite, trace pyrite	1320	9.7	0.5	60.1	1.2	0.7	5.7	0.15	0.18	50.1
Z12-4F2	**W1350031**	104.00	106.00	2.00	Diorite, trace pyrite	1680	11.6	1.1	54.7	3.6	2.3	1.2	0.14	3.71	47.7
Z12-4F2	**W1350032**	106.00	108.00	2.00	Faulted diorite, trace pyrite	1590	11.6	1.6	58.4	3.3	1.1	1.1	0.32	3.82	51
Z12-4F2	**W1350033**	108.00	110.00	2.00	Faulted diorite, trace pyrite	1640	11.8	1.9	55.1	3.5	1.4	1.1	0.2	2.87	49.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag	Cs	Co
Z12-4F2	**W1350034**	110.00	112.00	2.00	Diorite, trace pyrite	1710	11.5	1.6	53.6	3.4	1.1	1.3	0.18	2.96	47
Z12-4F2	**W1350035**	112.00	114.00	2.00	Diorite, trace pyrite	1830	11.4	1.6	58.8	3.7	1.6	1.3	0.17	3.04	48.5
Z12-4F2	**W1350036**	114.00	116.00	2.00	Diorite, trace pyrite	1670	11.1	1.4	56	3.3	1	1.1	0.29	2.57	47.8
Z12-4F2	**W1350037**	116.00	118.00	2.00	Diorite, trace pyrite	1790	11.5	1.7	50.1	4.1	1.7	1.4	0.19	3.82	45.9
Z12-4F2	**W1350038**	118.00	120.00	2.00	Diorite, trace pyrite	1600	10.7	2	53.3	2.9	1.1	1	0.19	2.53	44.4
Z12-4F2	**W1350039**	120.00	122.00	2.00	Diorite, trace pyrite	1630	11.2	1.1	51.6	3.1	1.1	1.1	0.14	2.03	45.9
Z12-4F2	**W1350040**	122.00	124.00	2.00	Diorite, trace pyrite	1750	11.2	0.8	50.2	3.5	0.8	1.2	0.16	2.3	44.5
Z12-4F2	**W1350041**	124.00	126.00	2.00	Diorite, trace pyrite	1710	11.4	0.7	53.2	3.8	1.6	1.3	0.17	2.92	47.4
Z12-4F2	**W1350042**	126.00	128.00	2.00	Diorite, trace pyrite	1810	11.7	1.5	56.8	3.7	1.3	1.2	0.15	1.97	47.6
Z12-4F2	**W1350043**	128.00	130.00	2.00	Diorite, trace pyrite	1760	11.8	1.9	51.7	3.5	1	1.2	0.13	2.24	46.3
Z12-4F2	**W1350044**	130.00	132.00	2.00	Diorite, trace pyrite	1810	12	2.4	57.5	3.8	1.1	1.3	0.19	3.07	49.3
Z12-4F2	**W1350045**	132.00	134.00	2.00	Diorite, trace pyrite	1660	8.6	5.2	32.1	5.6	3.8	1.8	0.32	4.54	27.2
Z12-4F2	**W1350046**	134.00	136.00	2.00	Diorite, trace pyrite	1640	7.09	7.4	19.8	5.9	4.5	2.1	0.46	4.89	16.9
Z12-4F2	**W1350047**	136.00	138.00	2.00	Diorite, trace pyrite	1790	11.8	2.2	58.7	3.8	0.9	1.3	0.22	3.32	50.5
Z12-4F2	**W1350048**	138.00	140.00	2.00	Diorite, trace pyrite	1790	11.6	2.2	50.9	4	1.1	1.4	0.23	3.55	45.1
Z12-4F2	**W1350049**	140.00	142.00	2.00	Diorite, trace pyrite	1790	11.3	2.4	46.7	4.2	1.2	1.5	0.16	3.3	42.7
Z12-4F2	**W1350050**	**142.00**	**QC**		**M760121 Pulp: REE/C Blank**	2790	9.01	0.9	3.5	1.8	3.1	0.7	0.41	2.34	14.8
Z12-4F2	**W1350051**	142.00	144.00	2.00	Diorite, trace pyrite	1770	11.9	0.7	46.8	1.8	1.1	8.4	0.13	< 0.05	48.4
Z12-4F2	**W1350052**	144.00	146.00	2.00	Diorite, trace pyrite	2040	12.9	1.8	48.6	4.6	1	1.6	0.15	2.89	48.8
Z12-4F2	**W1350053**	146.00	148.00	2.00	Diorite, trace pyrite	1730	11.3	2.4	40.8	3.9	1.1	1.3	0.15	2.71	42.4
Z12-4F2	**W1350054**	148.00	150.00	2.00	Diorite, trace pyrite	2080	13.9	3.2	46.9	4.6	1.1	1.6	0.15	2.96	51.1
Z12-4F2	**W1350055**	150.00	152.00	2.00	Diorite, trace pyrite	2120	13.3	3.2	48	5.1	1.8	1.7	0.21	3.3	49.4
Z12-4F2	**W1350056**	152.00	154.00	2.00	Faulted diorite, trace pyrite	1580	11.4	3.2	44.5	4.3	1.6	1.5	0.3	3.62	46.6
Z12-4F2	**W1350057**	154.00	156.00	2.00	Faulted diorite, trace pyrite	797	8.96	2.4	60.4	3.1	1.4	1.1	1.31	3.76	53.9
Z12-4F2	**W1350058**	156.00	158.00	2.00	Faulted diorite, trace pyrite	834	8.72	1.5	56.7	3.5	1.6	1.2	1	4.54	52.4
Z12-4F2	**W1350059**	158.00	160.00	2.00	Faulted diorite, trace pyrite	1740	11.5	2.4	59	3.7	1.1	1.2	0.4	2.7	51.5
Z12-4F2	**W1350060**	160.00	162.00	2.00	Faulted diorite, trace pyrite	975	8.88	0.5	44.3	1.2	1.1	5.6	0.29	0.07	48.7
Z12-4F2	**W1350061**	162.00	164.00	2.00	Faulted diorite, trace pyrite	1330	9.1	0.9	48.1	3	0.9	1	0.21	2.99	41.6
Z12-4F2	**W1350062**	164.00	166.00	2.00	Faulted diorite, trace pyrite	1400	9.29	2	43.3	3.4	1.9	1.2	0.16	3.72	38.6
Z12-4F2	**W1350063**	166.00	168.00	2.00	Diorite, trace pyrite	1680	10.4	2.3	54.3	3.5	1.1	1.2	0.16	2.6	44.9
Z12-4F2	**W1350064**	168.00	170.00	2.00	Diorite, trace pyrite	1600	10.2	2.4	49.2	3	0.7	1	0.14	2.34	41.3
Z12-4F2	**W1350065**	170.00	172.00	2.00	Diorite, trace pyrite	1680	11.2	2.4	55.9	3.4	1.1	1.2	0.24	2.24	46.8
Z12-4F2	**W1350066**	172.00	174.00	2.00	Diorite, trace pyrite	1650	10.5	2.4	59	3.4	1	1.2	0.18	2.89	46.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag	Cs	Co
Z12-4F2	**W1350067**	174.00	176.00	2.00	Diorite, trace pyrite	1590	10.8	0.7	55	3.3	1.2	1.2	0.23	2.74	46.4
Z12-4F2	**W1350068**	176.00	178.00	2.00	Diorite, trace pyrite	1800	11.4	2.8	45	3.7	1.1	1.2	0.24	2.99	44.6
Z12-4F2	**W1350069**	178.00	179.33	1.33	Diorite, trace pyrite	1720	10.7	1	51.5	3.6	1	1.2	0.16	3.54	44.9
Z12-4F2	**W1350070**	179.33	187.02	7.69	Diorite, trace pyrite	1970	9.07	0.9	49.4	4.1	3.7	1.3	0.57	9.7	38.1
Z12-4F2	**W1350071**	187.02	201.20	14.18	Faulted diorite, intense fault zone, considerable core loss, trace pyrite	573	2.68	1.8	13.8	8.6	5.8	4	0.42	7.9	9.1
Z12-4F2	**W1350072**	201.20	203.00	1.80	graphiticbreccia vein, graphitic overprinted syenite, trace pyrite	300	1.45	3	1.8	1.8	6.6	0.6	0.25	2.47	2.5
Z12-4F2	**W1350073**	203.00	205.00	2.00	graphitic overprinted syenite, trace pyrite	245	1.04	2.5	1.8	1	3.8	0.4	0.17	1.81	2.2
Z12-4F2	**W1350074**	205.00	207.00	2.00	graphitic overprinted syenite, trace pyrite	224	0.94	1.8	1.1	3.5	1.5	1.4	0.17	1.41	1.4
Z12-4F2	**W1350075**	**207.00**	**QC**		**J600100 Pulp: 10% C (high)**	231	1.39	1.8	8.5	0.9	1.9	0.3	0.14	1.33	3.2
Z12-4F2	**W1350076**	207.00	209.00	2.00	graphitic overprinted syenite, trace pyrite	261	1.19	2.6	0.9	0.8	2.4	0.3	0.08	1.82	2
Z12-4F2	**W1350077**	209.00	211.00	2.00	graphitic overprinted syenite, trace pyrite	241	1.17	2.9	0.9	0.7	1.5	0.2	0.13	2.21	1.5
Z12-4F2	**W1350078**	211.00	213.00	2.00	graphitic overprinted syenite, trace pyrite	217	0.93	2.5	1	0.6	2.4	0.2	0.11	1.89	1.4
Z12-4F2	**W1350079**	213.00	215.00	2.00	graphitic overprinted syenite, trace pyrite	178	0.83	2	1.5	1	2.7	0.4	0.2	1.84	2.2
Z12-4F2	**W1350080**	215.00	217.00	2.00	graphitic overprinted syenite, trace pyrite	246	1.28	2.4	1	1.2	1.9	0.4	0.08	1.81	2.2
Z12-4F2	**W1350081**	217.00	217.89	0.89	graphitic overprinted syenite, graphitic breccia vein, trace pyrite	181	1.21	2.1	3.5	1.5	3.4	0.6	0.17	2.12	3.4
Z12-4F2	**W1350082**	217.89	220.19	2.30	graphitic overprinted syenite, trace pyrite	1050	7.21	1.8	40.5	3.7	8.7	1.5	0.65	14.1	37.9
Z12-4F2	**W1350083**	220.19	231.00	10.81	graphitic overprinted syenite, trace pyrite	204	1.46	2.6	6.6	3.9	7.7	1.3	0.47	2.05	4
Z12-4F2	**W1350084**	231.00	237.79	6.79	graphitic overprinted syenite, trace pyrite	211	1.67	2.3	4.8	2.9	6.6	1	0.35	2.57	3.8
Z12-4F2	**W1350085**	237.79	239.00	1.21	graphitic overprinted syenite, trace pyrite	179	0.85	1.4	2.2	1.6	2.7	0.6	0.18	1.68	1.5
Z12-4F2	**W1350086**	239.00	241.00	2.00	graphitic overprinted syenite, trace pyrite	269	0.95	2.1	1.4	1.5	2.8	0.5	0.12	2.09	1.5
Z12-4F2	**W1350087**	241.00	243.00	2.00	graphitic overprinted syenite, trace pyrite	318	0.97	1.9	1	0.9	2.3	0.3	0.15	2.23	1.1
Z12-4F2	**W1350088**	243.00	245.00	2.00	graphitic overprinted syenite, trace pyrite	369	1	2.2	0.9	1	1.7	0.3	0.12	2	1.3
Z12-4F2	**W1350089**	245.00	247.00	2.00	graphitic overprinted syenite, trace pyrite	309	0.88	1.8	0.8	1.3	2.3	0.4	0.15	2.05	1.1
Z12-4F2	**W1350090**	247.00	249.00	2.00	graphitic overprinted syenite, trace pyrite	275	0.92	0.2	0.9	0.4	1.6	1.7	0.1	< 0.05	1.2
Z12-4F2	**W1350091**	249.00	251.00	2.00	graphitic overprinted syenite, trace pyrite	252	1.03	4	0.9	2.1	3.5	0.7	0.15	2.41	1.6
Z12-4F2	**W1350092**	251.00	253.00	2.00	graphitic overprinted syenite, trace pyrite	492	2.18	3.3	29.2	1.6	3.7	0.5	< 0.05	8.8	7
Z12-4F2	**W1350093**	253.00	255.00	2.00	graphitic overprinted syenite, trace pyrite	200	0.83	1.9	0.9	0.9	2.1	0.3	0.15	2.25	1.2
Z12-4F2	**W1350094**	255.00	257.00	2.00	graphitic overprinted syenite, trace pyrite	391	1.19	4.1	0.9	1.6	2.4	0.5	< 0.05	2.83	1.1
Z12-4F2	**W1350095**	257.00	259.00	2.00	graphitic overprinted syenite, trace pyrite	240	0.99	2	0.9	0.9	2	0.4	0.13	2.46	1.4
Z12-4F2	**W1350096**	259.00	261.00	2.00	graphitic overprinted syenite, trace pyrite	233	0.97	2.2	1.1	0.9	1.5	0.3	0.09	2.47	1.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag	Cs	Co
Z12-4F2	**W1350097**	261.00	263.00	2.00	graphitic overprinted syenite, trace pyrite	233	0.9	2.1	1.5	0.9	1.5	0.3	0.11	2.33	1.6
Z12-4F2	**W1350098**	263.00	265.00	2.00	graphitic overprinted syenite, trace pyrite	362	1.46	2.3	14.2	0.9	2.5	0.3	0.07	3.65	3.9
Z12-4F2	**W1350099**	265.00	267.00	2.00	graphitic overprinted syenite, trace pyrite	288	0.94	2.4	2.8	1.7	3.3	0.7	0.14	2.23	2.3
Z12-4F2	**W1350100**	**267.00**	**QC**		**M760121 Pulp: REE/C Blank**	2440	7.72	1.5	3.1	1.8	3.1	0.7	0.18	2.19	12.9
Z12-4F2	**W1350101**	267.00	269.00	2.00	graphitic overprinted syenite, trace pyrite	189	0.91	0.1	2.2	0.4	1.8	2.3	0.13	< 0.05	2.5
Z12-4F2	**W1350102**	269.00	271.00	2.00	graphitic overprinted syenite, trace pyrite	207	0.83	1.7	1.7	1.3	2.3	0.5	0.31	2.03	1.4
Z12-4F2	**W1350103**	271.00	273.00	2.00	graphitic overprinted syenite, trace pyrite	202	0.89	1.8	2.8	1	2.3	0.4	0.2	2.34	1.9
Z12-4F2	**W1350104**	273.00	275.00	2.00	graphitic overprinted syenite, trace pyrite	222	1.01	1.8	1.9	1.4	1.6	0.6	0.13	1.94	1.8
Z12-4F2	**W1350105**	275.00	277.00	2.00	graphitic overprinted syenite, trace pyrite	177	0.87	1.9	2.2	6.3	2.1	2.6	0.08	1.72	1.5
Z12-4F2	**W1350106**	277.00	279.00	2.00	graphitic overprinted syenite, trace pyrite	167	1.17	2.1	3.9	1	1.9	0.4	0.19	1.52	1.8
Z12-4F2	**W1350107**	279.00	280.89	1.89	graphitic overprinted syenite, trace pyrite	182	1.18	2.4	4.1	0.6	1.9	0.2	0.18	2.22	2.6
Z12-4F2	**W1350108**	280.89	281.98	1.09	graphitic brecciated syenitic gneiss, trace pyrite	373	2.19	2.4	17	1.1	2.6	0.3	0.15	4.46	6.2
Z12-4F2	**W1350109**	281.98	283.11	1.13	graphitic brecciated syenitic gneiss, trace pyrite	200	1.44	2.1	8	1.3	2.8	0.4	0.16	2.9	3.9
Z12-4F2	**W1350110**	283.11	284.25	1.14	graphitic brecciated syenitic gneiss, lump inside, trace pyrite	201	1.21	2.4	7.7	1.1	2.2	0.3	0.1	2.37	2.9
Z12-4F2	**W1350111**	284.25	286.00	1.75	graphitic overprinted syenite, trace pyrite	339	1.65	2.5	5.8	1.7	2.6	0.7	0.15	2.9	3.2
Z12-4F2	**W1350112**	286.00	288.00	2.00	graphitic overprinted syenite, trace pyrite	237	1.3	2.9	1.5	0.6	2.1	0.3	0.13	2.3	1.6
Z12-4F2	**W1350113**	288.00	290.00	2.00	graphitic overprinted syenite, trace pyrite	297	1.29	2.1	2.5	1.6	4.5	0.7	0.15	2.04	1.8
Z12-4F2	**W1350114**	290.00	292.00	2.00	graphitic overprinted syenite, trace pyrite	153	0.7	1.5	1.2	1.2	3.2	0.5	< 0.05	1.73	1.1
Z12-4F2	**W1350115**	292.00	295.00	3.00	graphitic overprinted syenite, trace pyrite	281	1.23	2.2	2.4	1.3	3.6	0.5	0.11	2.06	2.4
Z12-4F2	**W1350116**	295.00	297.00	2.00	mafic dyke, trace pyrite	1390	8.56	2.1	45.6	4.1	6.9	1.3	0.12	8.19	37
Z12-4F2	**W1350117**	297.00	299.11	2.11	mafic dyke, trace pyrite	1570	9.57	1.7	49.3	3.5	3	1.2	0.19	6.35	41.9
Z12-4F2	**W1350118**	299.11	302.55	3.44	mafic dyke, trace pyrite	1250	9.12	1.6	50.8	3.4	6.1	1.1	0.25	8.82	41.9
Z12-4F2	**W1350119**	302.55	305.00	2.45	mafic dyke, trace pyrite	518	3.42	7.6	11.3	4.8	7.2	1.7	0.36	4.67	9.3
Z12-4F2	**W1350120**	305.00	307.00	2.00	mafic dyke, trace pyrite	1480	8.73	0.5	56.2	1.1	3.8	5.3	0.27	0.06	47.6
Z12-4F2	**W1350121**	307.00	310.93	3.93	mafic dyke, trace pyrite	1630	9.72	2.4	50.2	3.8	5.6	1.3	0.28	5.82	46.1
Z12-4F2	**W1350122**	310.93	313.00	2.07	syenitic gneiss, trace pyrite	386	1.16	3.2	2.7	2.6	8.6	0.9	0.15	2.22	2.4
Z12-4F2	**W1350123**	313.00	315.00	2.00	syenitic gneiss, trace pyrite	293	1.12	3	3	3	4.6	1.2	0.17	1.95	2.7
Z12-4F2	**W1350124**	315.00	317.00	2.00	syenitic gneiss, strong fracture, trace pyrite	536	1.71	2.4	9.2	4.3	6.4	1.8	0.09	2.06	3.5
Z12-4F2	**W1350125**	**317.00**	**QC**		**J600090 Pulp 4.1% C (med)**	310	1.71	2.1	11.4	1.3	2.8	0.5	0.18	2.91	4.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag	Cs	Co
Z12-4F2	**W1350126**	317.00	319.00	2.00	syenitic gneiss, biotite chlorite schist strong fracture, trace pyrite	756	3.24	4.3	48.1	3.2	6.6	1.1	< 0.05	6.32	13.4
Z12-4F2	**W1350127**	319.00	321.00	2.00	syenitic gneiss, strong fracture, trace pyrite	220	1	2	2.3	1.2	2.7	0.5	0.2	2.19	1.5
Z12-4F2	**W1350128**	321.00	323.00	2.00	syenitic gneiss, strong fracture, trace pyrite	595	2.23	4.9	46.7	3.2	6.4	1.1	0.31	5.88	7.5
Z12-4F2	**W1350129**	323.00	325.00	2.00	syenitic gneiss, strong fracture, trace pyrite	500	1.98	12	2.3	5.6	7.4	1.9	0.1	5.09	1.7
Z12-4F2	**W1350130**	325.00	327.00	2.00	syenitic gneiss, chlorite alteration, trace pyrite	1030	3.51	8.3	< 0.5	4.7	6.4	1.6	0.29	6.28	0.6
Z12-4F2	**W1350131**	327.00	330.00	3.00	syenitic gneiss, strong fracture, trace pyrite	1070	3.84	10.1	0.9	5.2	8.2	1.6	0.23	7.32	1.5
Z12-4F2	**W1350132**	330.00	333.00	3.00	syenitic gneiss, trace pyrite	1120	3.8	7.7	3.4	4	5.9	1.2	0.62	7.86	1.7
Z12-4F2	**W1350133**	333.00	335.05	2.05	syenitic gneiss, strong fracture, trace pyrite	956	3.78	7.9	0.6	5	6.1	1.8	0.41	6.99	1
Z12-4F2	**W1350134**	335.05	337.00	1.95	syenitic gneiss, trace pyrite	1200	4.22	8.2	< 0.5	5	4.7	1.6	0.36	8.41	0.5
Z12-4F2	**W1350135**	337.00	339.00	2.00	syenitic gneiss, trace pyrite	1180	4.17	7.6	< 0.5	4.2	4.2	1.5	0.63	6.59	0.4
Z12-4F2	**W1350136**	339.00	341.00	2.00	syenitic gneiss, trace pyrite	1220	4.32	7	1	4.4	4.1	1.4	0.12	5.09	0.4
Z12-4F2	**W1350137**	341.00	343.00	2.00	syenitic gneiss, moderate fracture, trace pyrite	1040	4.41	5.3	0.6	4.2	4.7	1.4	0.24	4.15	0.9
Z12-4F2	**W1350138**	343.00	345.00	2.00	syenitic gneiss, trace pyrite	1260	4.85	6.9	< 0.5	4.6	4.2	1.5	0.16	4.47	0.7
Z12-4F2	**W1350139**	345.00	347.00	2.00	syenitic gneiss, trace pyrite	1050	4.12	7	< 0.5	4.1	3.7	1.3	0.12	4.34	0.6
Z12-4F2	**W1350140**	347.00	349.00	2.00	syenitic gneiss, trace pyrite	1110	4.23	6.5	0.5	4.4	6	1.5	0.32	6.78	0.5
Z12-4F2	**W1350141**	349.00	351.00	2.00	syenitic gneiss, trace pyrite	1350	4.65	8.8	1.7	4.4	5.2	1.4	0.37	6.43	0.6
Z12-4F2	**W1350142**	351.00	353.00	2.00	syenitic gneiss, trace pyrite	1290	4.68	8.8	0.9	5	4.8	1.6	0.24	5.99	0.6
Z12-4F2	**W1350143**	353.00	355.00	2.00	syenitic gneiss, trace pyrite	1490	4.87	7.5	0.6	5.3	5.5	1.7	0.19	6.49	0.5
Z12-4F2	**W1350144**	355.00	357.00	2.00	syenitic gneiss, trace pyrite	1240	4.55	7.1	< 0.5	4.4	4.3	1.5	0.26	5	0.5
Z12-4F2	**W1350145**	357.00	359.00	2.00	syenitic gneiss, trace pyrite	1430	4.85	6.9	< 0.5	3.3	4.9	1.1	0.4	4.73	0.4
Z12-4F2	**W1350146**	359.00	361.00	2.00	syenitic gneiss, trace pyrite	1430	4.8	7.2	< 0.5	4.1	4.4	1.3	0.06	6.14	0.4
Z12-4F2	**W1350147**	361.00	363.00	2.00	syenitic gneiss, trace pyrite	1270	4.65	5.6	0.8	4	4.1	1.4	0.43	4.9	0.5
Z12-4F2	**W1350148**	363.00	365.00	2.00	syenitic gneiss, trace pyrite	1470	4.75	7.1	< 0.5	4.5	3.2	1.5	0.2	5.28	0.5
Z12-4F2	**W1350149**	365.00	367.00	2.00	syenitic gneiss, trace pyrite	1270	4.26	5.9	0.7	3.9	3.4	1.3	0.41	4.26	0.4
Z12-4F2	**W1350150**	**367.00**	**QC**		**J600100 Pulp: 10% C (high)**	256	1.53	2	9.7	1	2.2	0.3	0.15	1.46	3.5
Z12-4F2	**W1350151**	367.00	369.00	2.00	syenitic gneiss, trace pyrite	1330	4.41	0.7	< 0.5	1.5	3.4	8	0.11	0.13	0.5
Z12-4F2	**W1350152**	369.00	371.00	2.00	syenitic gneiss, trace pyrite	1520	4.8	5.9	0.5	3.9	3.7	1.4	0.48	5.92	0.7
Z12-4F2	**W1350153**	371.00	373.00	2.00	syenitic gneiss, trace pyrite	1080	3.47	3.9	1.5	3.3	4.2	1.1	0.28	4.36	1.5
Z12-4F2	**W1350154**	373.00	375.00	2.00	syenitic gneiss, biotite chlorite schist, trace pyrite	579	2.95	2.4	42.1	0.9	1.9	0.3	0.19	8.63	10

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag	Cs	Co
Z12-4F2	**W1350155**	375.00	377.00	2.00	syenitic gneiss, trace pyrite	539	2.36	3.8	6.4	1.9	3	0.6	0.31	3.82	3.2
Z12-4F2	**W1350156**	377.00	379.00	2.00	syenitic gneiss, trace pyrite	261	1.18	2.7	6.4	0.8	1.8	0.3	0.09	2.91	2.6
Z12-4F2	**W1350157**	379.00	380.27	1.27	syenitic gneiss, trace pyrite	220	1.13	2.3	2.7	1.2	3.2	0.4	0.15	2.35	2.1
Z12-4F2	**W1350158**	380.27	380.59	0.32	graphitic brecciated syenitic gneiss, trace pyrite	295	1.44	2.2	24.8	1.5	4.5	0.5	0.11	3.07	5.4
Z12-4F2	**W1350159**	380.59	381.10	0.51	graphitic brecciated syenitic gneiss, trace pyrite	311	1.32	1.8	26.7	1.3	4.5	0.5	0.15	2.45	4.1
Z12-4F2	**W1350160**	381.10	381.54	0.44	graphitic brecciated syenitic gneiss, trace pyrite	208	1.03	2.3	11.5	1	3.7	0.3	0.12	3.23	4.3
Z12-4F2	**W1350161**	381.54	382.91	1.37	graphitic brecciated syenitic gneiss, trace pyrite	214	1.1	2.2	7.3	0.6	2.2	0.2	0.07	2.45	4
Z12-4F2	**W1350162**	382.91	383.74	0.83	graphitic brecciated syenitic gneiss, trace pyrite	442	2.16	1.9	36.8	2.9	5.7	1	0.13	6.02	7.7
Z12-4F2	**W1350163**	383.74	384.30	0.56	graphitic brecciated syenitic gneiss, trace pyrite	403	1.79	2.3	13.9	2.5	5.1	0.8	0.28	4.99	4.2
Z12-4F2	**W1350164**	384.30	384.86	0.56	graphitic overprinted syenitic gneiss, trace pyrite	251	1.51	2.1	21.4	1.3	4.4	0.4	0.17	4.86	4.1
Z12-4F2	**W1350165**	384.86	386.69	1.83	graphitic overprinted syenitic gneiss, trace pyrite	422	1.77	3.1	11	1.5	3.8	0.5	0.15	4.07	3.4
Z12-4F2	**W1350166**	386.69	387.94	1.25	graphitic overprinted syenitic gneiss, trace pyrite	1250	5.17	8.2	0.9	5.1	5.6	1.7	0.29	4.21	3
Z12-4F2	**W1350167**	387.94	389.00	1.06	graphitic overprinted syenitic gneiss, trace pyrite	337	1.41	2.3	17.4	1.2	4.5	0.4	0.38	3.78	2.9
Z12-4F2	**W1350168**	389.00	391.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	519	1.84	2.4	24.9	3.5	8.6	1.1	0.29	4.94	3.9
Z12-4F2	**W1350169**	391.00	392.42	1.42	graphitic overprinted syenitic gneiss, trace pyrite	582	2.41	2.3	38	2.3	6.1	0.8	0.2	6.53	6.4
Z12-4F2	**W1350170**	392.42	394.42	2.00	graphitic brecciated syenitic gneiss, trace pyrite	482	1.38	1.9	6.3	23.7	32.5	7.9	0.2	2.53	3.2
Z12-4F2	**W1350171**	394.42	395.05	0.63	graphitic brecciated syenitic gneiss, trace pyrite	314	1.62	2	36.5	1.1	4	0.4	0.16	3.19	6.9
Z12-4F2	**W1350172**	395.05	395.91	0.86	graphitic brecciated syenitic gneiss, trace pyrite	300	1.71	2.2	10.6	0.9	2.2	0.3	0.15	3.37	4.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag	Cs	Co
Z12-4F2	**W1350173**	395.91	398.55	2.64	graphitic brecciated syenitic gneiss, trace pyrite	326	1.81	2	50.4	1	3.9	0.4	0.13	3.14	6.5
Z12-4F2	**W1350174**	398.55	399.21	0.66	graphitic brecciated syenitic gneiss, trace pyrite	410	2.15	3.1	14.7	1.2	2.3	0.4	0.53	3.18	6.4
Z12-4F2	**W1350175**	**399.21**	**QC**		**J600090 Pulp 4.1% C (med)**	319	1.64	1.9	11	1.3	2.7	0.5	0.37	2.75	3.9
Z12-4F2	**W1350176**	399.21	401.00	1.79	graphitic brecciated syenitic gneiss, trace pyrite	363	1.95	3.2	40.1	1.6	4.7	0.6	0.14	3.36	6.9
Z12-4F2	**W1350177**	401.00	402.51	1.51	graphitic brecciated syenitic gneiss, trace pyrite	328	1.99	1.8	35.5	1.7	5.7	0.6	0.16	3.44	6.2
Z12-4F2	**W1350178**	402.51	403.31	0.80	graphitic brecciated syenitic gneiss, trace pyrite	211	1.21	2.1	16.5	0.9	4.2	0.3	0.16	4.4	2.9
Z12-4F2	**W1350179**	403.31	405.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	418	2.52	2.3	87.3	2.1	5.9	0.7	0.13	4.61	9.5
Z12-4F2	**W1350180**	405.00	406.71	1.71	graphitic brecciated syenitic gneiss, trace pyrite	402	1.98	0.2	88.5	0.6	4	2.9	0.13	< 0.05	9.3
Z12-4F2	**W1350181**	406.71	407.65	0.94	graphitic brecciated syenitic gneiss, trace pyrite	703	2.73	9.7	48.5	4.5	7.7	1.5	0.14	4.55	6.6
Z12-4F2	**W1350182**	407.65	408.63	0.98	graphitic brecciated syenitic gneiss, trace pyrite	916	3.71	5	5.9	3.4	5.4	1.1	0.33	2.86	2.2
Z12-4F2	**W1350183**	408.63	410.00	1.37	graphitic brecciated syenitic gneiss, trace pyrite	434	2.14	2.3	34.5	1.5	4.8	0.5	0.11	3.02	6.5
Z12-4F2	**W1350184**	410.00	412.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	328	1.61	1.9	28.2	2.4	4.6	0.9	0.08	2.48	5.7
Z12-4F2	**W1350185**	412.00	413.69	1.69	graphitic brecciated syenitic gneiss, trace pyrite	696	2.64	2.4	84.1	2	6	0.7	0.12	4.51	10.7
Z12-4F2	**W1350186**	413.69	414.35	0.66	graphitic brecciated syenitic gneiss, trace pyrite	204	1.18	1.7	5.1	0.9	2.6	0.3	0.13	2.29	2.5
Z12-4F2	**W1350187**	414.35	416.27	1.92	graphitic brecciated syenitic gneiss, trace pyrite	357	1.85	1.9	25.6	1.8	4.4	0.6	0.09	2.23	5.3
Z12-4F2	**W1350188**	416.27	416.73	0.46	graphitic brecciated syenitic gneiss, trace pyrite	1090	7.58	2.3	17.6	4.3	8.6	1.3	0.42	1.97	2.8
Z12-4F2	**W1350189**	416.73	417.98	1.25	graphitic brecciated syenitic gneiss, trace pyrite	599	4.44	3.6	164	3.1	8.2	1	0.25	9.06	16.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag	Cs	Co
Z12-4F2	**W1350190**	417.98	418.82	0.84	graphitic brecciated syenitic gneiss, trace pyrite	516	3	13.8	5.4	9.6	9.7	2.7	0.81	4.06	0.9
Z12-4F2	**W1350191**	418.82	419.40	0.58	graphitic brecciated syenitic gneiss, trace pyrite	396	2.07	2.1	32.5	1.8	4.7	0.6	0.11	2.04	6.7
Z12-4F2	**W1350192**	419.40	421.00	1.60	graphitic overprinted syenitic gneiss, trace pyrite	476	2.9	6	4.4	4.1	5.4	1.3	0.32	3.83	1.8
Z12-4F2	**W1350193**	421.00	423.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	905	3.75	6.3	2.2	3.6	4.9	1.2	0.13	4.69	1.3
Z12-4F2	**W1350194**	423.00	423.46	0.46	graphitic brecciated syenitic gneiss, trace pyrite	501	2.33	2	50.5	1.5	3.6	0.5	0.11	3.49	7.2
Z12-4F2	**W1350195**	423.46	424.46	1.00	graphitic brecciated syenitic gneiss, trace pyrite	305	1.77	1.9	19.6	1.1	3	0.4	0.08	2.37	4.6
Z12-4F2	**W1350196**	424.46	425.18	0.72	graphitic brecciated syenitic gneiss, trace pyrite	250	1.72	1.9	27	1.3	4.1	0.5	0.14	2.53	5
Z12-4F2	**W1350197**	425.18	426.11	0.93	graphitic brecciated syenitic gneiss, trace pyrite	264	1.56	2.8	11.2	1.3	2.5	0.4	0.08	3.11	2.6
Z12-4F2	**W1350198**	426.11	426.92	0.81	graphitic brecciated syenitic gneiss, trace pyrite	391	2.07	2.6	21.6	0.9	2.6	0.3	0.21	2.17	4.3
Z12-4F2	**W1350199**	426.92	429.00	2.08	graphitic overprinted syenitic gneiss, trace pyrite	1360	4.52	8.5	6.2	5.9	7.6	1.9	0.28	4.73	1.1
Z12-4F2	**W1350200**	**429.00**	**QC**		**M760121 Pulp: REE/C Blank**	2820	8.7	2.6	3.8	2.1	3.8	0.8	0.6	2.41	15.2
Z12-4F2	**W1350201**	429.00	431.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	938	3.64	0.8	1.1	1.8	5.3	9.2	0.22	0.1	0.9
Z12-4F2	**W1350202**	431.00	432.34	1.34	graphitic overprinted syenitic gneiss, trace pyrite	827	3.47	6.6	4.5	2.7	4.3	0.9	0.44	3.45	1.6
Z12-4F2	**W1350203**	432.34	433.26	0.92	graphitic brecciated syenitic gneiss, trace pyrite	450	2.17	2.3	34.6	1.5	2.6	0.5	0.14	2.42	5
Z12-4F2	**W1350204**	433.26	435.50	2.24	graphitic overprinted syenitic gneiss, trace pyrite	923	3.35	9	4.4	6.7	7.2	2.2	0.26	4.55	1
Z12-4F2	**W1350205**	435.50	438.00	2.50	graphitic overprinted syenitic gneiss, trace pyrite	1000	3.94	9.1	0.8	4.6	6.3	1.5	0.1	3.9	0.8
Z12-4F2	**W1350206**	438.00	438.82	0.82	graphitic brecciated syenitic gneiss, trace pyrite	392	1.96	2.9	10.9	1.1	2.5	0.4	0.08	2.68	3.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag	Cs	Co
Z12-4F2	**W1350207**	438.82	439.89	1.07	graphitic brecciated syenitic gneiss, trace pyrite	285	1.61	1.9	21.5	0.9	2.8	0.3	0.08	2.35	4.6
Z12-4F2	**W1350208**	439.89	442.00	2.11	syenite,trace pyrite	259	1.29	1.8	14.2	1.1	3	0.4	0.12	3.18	3
Z12-4F2	**W1350209**	442.00	444.00	2.00	syenite,trace pyrite	275	1.31	2.3	11.6	1.1	2.6	0.4	0.07	2.54	3
					EOH										

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr
Z12-4F2	**W1350001**	47.09	48.19	1.10	Paleozoic cover	0.68	0.06	1.3	58.6	9.8	17.3	58.1	14.2	63.8	121
Z12-4F2	**W1350002**	48.19	50.00	1.81	Faulted diorite, red weathered, trace pyrite	0.98	0.06	0.6	38.6	17.9	5	72	21	35.8	87
Z12-4F2	**W1350003**	50.00	52.00	2.00	Faulted diorite, red weathered, trace pyrite	1.26	0.08	0.9	47.9	17.5	2	62.5	23.1	48.9	76
Z12-4F2	**W1350004**	52.00	54.00	2.00	Diorite, trace pyrite	1.07	0.05	0.3	92.9	14.4	1.8	25.6	23.7	146	35
Z12-4F2	**W1350005**	54.00	56.00	2.00	Diorite, trace pyrite	1.34	0.06	0.7	112	18.4	3.7	28.2	28.7	162	65
Z12-4F2	**W1350006**	56.00	58.00	2.00	Diorite, trace pyrite	1.1	0.04	1.1	105	16	2.5	20.6	26.8	151	65
Z12-4F2	**W1350007**	58.00	60.00	2.00	Diorite, trace pyrite	1.63	0.06	1.5	99.8	16.5	3.9	21.6	28.8	171	75
Z12-4F2	**W1350008**	60.00	62.00	2.00	Diorite, trace pyrite	1.43	0.05	0.8	97.1	18	3.6	32.8	32.9	217	70
Z12-4F2	**W1350009**	62.00	64.00	2.00	Diorite, aplite dyke, trace pyrite	1.34	0.06	0.8	90.1	16.1	2.9	33.9	30.6	197	127
Z12-4F2	**W1350010**	64.00	66.00	2.00	Diorite, trace pyrite	1.25	0.06	1.2	110	17.3	3.8	13.3	26.9	161	88
Z12-4F2	**W1350011**	66.00	68.00	2.00	Diorite, trace pyrite	1.55	0.06	0.5	102	15	2.6	33.1	27	218	59
Z12-4F2	**W1350012**	68.00	70.00	2.00	Diorite, trace pyrite	1.21	0.03	0.6	117	16.9	1.1	17.2	28.6	174	23
Z12-4F2	**W1350013**	70.00	72.00	2.00	Diorite, trace pyrite	1.32	0.05	0.8	106	17.8	1.6	21.3	27.9	190	58
Z12-4F2	**W1350014**	72.00	74.00	2.00	Diorite, trace pyrite	1.25	0.16	1.5	105	18.2	8.7	30.4	30.7	204	71
Z12-4F2	**W1350015**	74.00	76.00	2.00	Diorite, trace pyrite	1.26	0.06	1.3	101	16.5	3.9	20.8	26.6	181	77
Z12-4F2	**W1350016**	76.00	78.00	2.00	Diorite, trace pyrite	1.36	0.05	0.7	106	17.1	4.3	25.7	28.2	236	81
Z12-4F2	**W1350017**	78.00	80.00	2.00	Diorite, trace pyrite	1.62	0.04	0.6	109	17.5	3.1	22.6	29.8	200	78
Z12-4F2	**W1350018**	80.00	82.00	2.00	Diorite, trace pyrite	1.28	0.04	1.1	116	18.8	2.5	23.9	30.9	208	78
Z12-4F2	**W1350019**	82.00	84.00	2.00	Diorite, trace pyrite	1.26	0.05	0.7	115	16	2.4	15	26.8	149	67
Z12-4F2	**W1350020**	84.00	86.00	2.00	Diorite, trace pyrite	1.68	0.05	1.2	120	17.5	3.6	23.2	31.8	253	91
Z12-4F2	**W1350021**	86.00	88.00	2.00	Diorite, trace pyrite	1.51	0.05	0.6	123	16.3	1.8	22.9	33.5	224	69
Z12-4F2	**W1350022**	88.00	90.00	2.00	Diorite, trace pyrite	1.33	0.04	0.7	141	19.5	2.7	24.2	34	185	20
Z12-4F2	**W1350023**	90.00	92.00	2.00	Diorite, trace pyrite	1.28	0.05	0.1	115	17.4	1.1	20.8	27.5	153	49
Z12-4F2	**W1350024**	92.00	94.00	2.00	Diorite, trace pyrite	1.37	0.05	1.2	108	16.3	3.7	42.6	30	261	55
Z12-4F2	**W1350025**	**94.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.77	0.11	0.2	41.2	20.4	1.7	103	14.7	286	80
Z12-4F2	**W1350026**	94.00	96.00	2.00	Diorite, trace pyrite	1.54	0.08	1.1	118	18	12	44.1	40.4	237	92
Z12-4F2	**W1350027**	96.00	98.00	2.00	Diorite, trace pyrite	1.51	0.09	1.1	116	18.5	4.5	25.6	33.3	194	95
Z12-4F2	**W1350028**	98.00	100.00	2.00	Faulted diorite, trace pyrite	1.34	0.08	1.3	94.3	18.1	4.1	18.7	28.6	181	80
Z12-4F2	**W1350029**	100.00	102.00	2.00	Diorite, trace pyrite	1.3	0.04	1.4	110	18.6	3.8	20.5	32.3	187	78
Z12-4F2	**W1350030**	102.00	104.00	2.00	Diorite, trace pyrite	3.74	7.67	0.2	91.4	17.1	3.3	15	30.1	138	96
Z12-4F2	**W1350031**	104.00	106.00	2.00	Diorite, trace pyrite	1.65	0.06	0.8	133	18.7	2.1	38.3	33.9	264	42
Z12-4F2	**W1350032**	106.00	108.00	2.00	Faulted diorite, trace pyrite	1.29	0.09	0.2	106	18.6	5.1	25.2	32	203	66
Z12-4F2	**W1350033**	108.00	110.00	2.00	Faulted diorite, trace pyrite	1.36	0.08	1	115	19.8	5.2	22	31.4	178	72

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr
Z12-4F2	**W1350034**	110.00	112.00	2.00	Diorite, trace pyrite	1.73	0.05	0.6	121	16.3	3.9	38.4	31.1	280	59
Z12-4F2	**W1350035**	112.00	114.00	2.00	Diorite, trace pyrite	1.59	0.05	1.2	127	18.6	3.2	36.6	35.2	247	67
Z12-4F2	**W1350036**	114.00	116.00	2.00	Diorite, trace pyrite	1.2	0.05	1	138	18.1	7	20.6	30.2	156	62
Z12-4F2	**W1350037**	116.00	118.00	2.00	Diorite, trace pyrite	1.67	0.08	1	126	17	4.6	30.5	35.7	171	64
Z12-4F2	**W1350038**	118.00	120.00	2.00	Diorite, trace pyrite	1.22	0.05	0.8	126	17.4	5.2	24	27.3	178	87
Z12-4F2	**W1350039**	120.00	122.00	2.00	Diorite, trace pyrite	1.32	0.05	0.7	113	16.7	1.8	18.1	27.8	164	41
Z12-4F2	**W1350040**	122.00	124.00	2.00	Diorite, trace pyrite	1.44	0.06	1	128	19.3	2.6	20.4	31.9	165	28
Z12-4F2	**W1350041**	124.00	126.00	2.00	Diorite, trace pyrite	1.65	0.05	0.7	132	18	3.9	29.5	34.4	221	25
Z12-4F2	**W1350042**	126.00	128.00	2.00	Diorite, trace pyrite	1.55	0.06	0.7	136	18.8	1.8	18.7	33.8	203	61
Z12-4F2	**W1350043**	128.00	130.00	2.00	Diorite, trace pyrite	1.44	0.05	0.7	125	17.7	2.9	18.2	29.9	145	67
Z12-4F2	**W1350044**	130.00	132.00	2.00	Diorite, trace pyrite	1.55	0.07	0.5	128	16.6	6.8	29.7	32.7	239	93
Z12-4F2	**W1350045**	132.00	134.00	2.00	Diorite, trace pyrite	1.34	0.08	0.3	121	23.5	3.8	96.6	51.9	117	271
Z12-4F2	**W1350046**	134.00	136.00	2.00	Diorite, trace pyrite	1.21	0.11	1.6	89.6	21.1	4.9	106	53.5	66.2	348
Z12-4F2	**W1350047**	136.00	138.00	2.00	Diorite, trace pyrite	1.38	0.07	1.2	136	19.6	3.7	26.1	35.1	160	92
Z12-4F2	**W1350048**	138.00	140.00	2.00	Diorite, trace pyrite	1.72	0.06	1.1	133	18.3	3	30	35.8	219	88
Z12-4F2	**W1350049**	140.00	142.00	2.00	Diorite, trace pyrite	1.89	0.06	0.7	124	17.2	1.8	24.9	36.5	187	87
Z12-4F2	**W1350050**	**142.00**	**QC**		**M760121 Pulp: REE/C Blank**	4.62	< 0.02	0.2	123	< 0.1	5.3	83	17.6	> 1000	97
Z12-4F2	**W1350051**	142.00	144.00	2.00	Diorite, trace pyrite	5.96	13.9	< 0.1	165	20.4	0.5	22.7	46.3	153	45
Z12-4F2	**W1350052**	144.00	146.00	2.00	Diorite, trace pyrite	1.74	0.08	1	134	17.3	2.4	27.8	39.3	149	66
Z12-4F2	**W1350053**	146.00	148.00	2.00	Diorite, trace pyrite	1.77	0.1	0.8	128	15.8	1.9	20.8	33.6	170	87
Z12-4F2	**W1350054**	148.00	150.00	2.00	Diorite, trace pyrite	1.87	0.06	1.2	151	20.4	3.7	22.4	40.4	145	121
Z12-4F2	**W1350055**	150.00	152.00	2.00	Diorite, trace pyrite	1.81	0.06	2	156	20.9	5.6	30.7	45.6	175	134
Z12-4F2	**W1350056**	152.00	154.00	2.00	Faulted diorite, trace pyrite	1.64	0.07	0.9	126	19.5	3.5	29.6	39.8	182	131
Z12-4F2	**W1350057**	154.00	156.00	2.00	Faulted diorite, trace pyrite	1.25	0.08	1.4	63.1	16.8	3	24	26.4	171	92
Z12-4F2	**W1350058**	156.00	158.00	2.00	Faulted diorite, trace pyrite	1.39	0.1	0.6	70.1	18.6	1	28.5	30.2	197	56
Z12-4F2	**W1350059**	158.00	160.00	2.00	Faulted diorite, trace pyrite	1.33	0.07	0.9	112	18.3	4.6	17.9	32.4	138	92
Z12-4F2	**W1350060**	160.00	162.00	2.00	Faulted diorite, trace pyrite	3.75	12.6	< 0.1	80.1	19.2	2	25.8	30.4	205	51
Z12-4F2	**W1350061**	162.00	164.00	2.00	Faulted diorite, trace pyrite	1.27	0.05	1.3	90.3	16.3	2.3	22.6	26.7	168	30
Z12-4F2	**W1350062**	164.00	166.00	2.00	Faulted diorite, trace pyrite	1.27	0.06	0.6	102	17.2	2.4	47.9	28.8	194	77
Z12-4F2	**W1350063**	166.00	168.00	2.00	Diorite, trace pyrite	1.5	0.05	1.1	122	19.2	3.1	22.7	31	220	92
Z12-4F2	**W1350064**	168.00	170.00	2.00	Diorite, trace pyrite	1.22	0.03	0.7	132	17.3	1.5	20.9	26	151	90
Z12-4F2	**W1350065**	170.00	172.00	2.00	Diorite, trace pyrite	1.32	0.03	1.3	119	16.5	1.6	19	28.7	162	88
Z12-4F2	**W1350066**	172.00	174.00	2.00	Diorite, trace pyrite	1.26	0.04	0.9	142	19.1	2.3	30.2	31.3	205	105

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr
Z12-4F2	**W1350067**	174.00	176.00	2.00	Diorite, trace pyrite	1.23	0.06	0.6	116	16.2	3.7	24	28.2	176	25
Z12-4F2	**W1350068**	176.00	178.00	2.00	Diorite, trace pyrite	1.39	0.06	1.4	137	19	3.9	15.8	32.1	147	113
Z12-4F2	**W1350069**	178.00	179.33	1.33	Diorite, trace pyrite	1.42	0.05	0.9	124	15.8	2.9	32.4	30	178	37
Z12-4F2	**W1350070**	179.33	187.02	7.69	Diorite, trace pyrite	1.52	0.09	0.6	113	17.2	8.7	82	34.5	299	30
Z12-4F2	**W1350071**	187.02	201.20	14.18	Faulted diorite, intense fault zone, considerable core loss, trace pyrite	11.4	1.56	2.6	94.4	13.5	12.9	82.3	83.9	161	61
Z12-4F2	**W1350072**	201.20	203.00	1.80	graphiticbreccia vein, graphitic overprinted syenite, trace pyrite	1.32	0.14	0.6	70	23.6	4.1	66.2	17.1	316	130
Z12-4F2	**W1350073**	203.00	205.00	2.00	graphitic overprinted syenite, trace pyrite	1.01	0.12	< 0.1	110	17.5	3.7	54.9	9.6	233	90
Z12-4F2	**W1350074**	205.00	207.00	2.00	graphitic overprinted syenite, trace pyrite	1.46	0.09	1	28.6	12.7	1.9	73.2	35.4	215	66
Z12-4F2	**W1350075**	**207.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.66	0.12	0.7	21.4	17.4	2.7	53.7	9.1	221	77
Z12-4F2	**W1350076**	207.00	209.00	2.00	graphitic overprinted syenite, trace pyrite	0.95	0.04	0.1	37.6	13.9	3.4	59.3	8.5	190	93
Z12-4F2	**W1350077**	209.00	211.00	2.00	graphitic overprinted syenite, trace pyrite	0.52	0.02	0.4	62.3	17.3	0.9	80.7	7.2	267	119
Z12-4F2	**W1350078**	211.00	213.00	2.00	graphitic overprinted syenite, trace pyrite	0.52	0.02	0.4	61.5	15.9	4	67.4	6.2	196	88
Z12-4F2	**W1350079**	213.00	215.00	2.00	graphitic overprinted syenite, trace pyrite	0.68	0.03	0.2	121	14.3	7.8	71.1	10.3	211	74
Z12-4F2	**W1350080**	215.00	217.00	2.00	graphitic overprinted syenite, trace pyrite	1.09	0.04	0.2	26.2	15.6	13.3	62.2	11.4	218	81
Z12-4F2	**W1350081**	217.00	217.89	0.89	graphitic overprinted syenite, graphitic breccia vein, trace pyrite	0.91	0.04	0.7	47.2	15.1	15.8	62.5	15.7	256	90
Z12-4F2	**W1350082**	217.89	220.19	2.30	graphitic overprinted syenite, trace pyrite	2.67	0.24	1.6	44.5	14.7	179	171	34.9	104	60
Z12-4F2	**W1350083**	220.19	231.00	10.81	graphitic overprinted syenite, trace pyrite	0.98	0.09	0.7	26.9	12	9.3	47.7	31.2	79.1	123
Z12-4F2	**W1350084**	231.00	237.79	6.79	graphitic overprinted syenite, trace pyrite	1.31	0.09	0.7	42.1	14.1	11.5	74.8	27.7	98.6	102
Z12-4F2	**W1350085**	237.79	239.00	1.21	graphitic overprinted syenite, trace pyrite	0.77	0.13	0.3	38.6	19.9	3.9	67.2	15.3	123	47
Z12-4F2	**W1350086**	239.00	241.00	2.00	graphitic overprinted syenite, trace pyrite	0.64	0.05	0.3	127	16.5	2.6	69.8	13.7	132	69
Z12-4F2	**W1350087**	241.00	243.00	2.00	graphitic overprinted syenite, trace pyrite	0.34	< 0.02	0.7	35.6	15.6	1.4	76.1	8.2	124	66
Z12-4F2	**W1350088**	243.00	245.00	2.00	graphitic overprinted syenite, trace pyrite	0.49	< 0.02	0.2	64.8	19.5	0.9	81.7	9.6	141	69
Z12-4F2	**W1350089**	245.00	247.00	2.00	graphitic overprinted syenite, trace pyrite	0.45	< 0.02	0.8	33.3	15.7	0.8	87.3	12.2	140	60
Z12-4F2	**W1350090**	247.00	249.00	2.00	graphitic overprinted syenite, trace pyrite	1.41	17.1	< 0.1	39.4	18.6	0.3	106	11.1	156	72
Z12-4F2	**W1350091**	249.00	251.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	0.06	0.5	143	15.5	1.4	80.3	18.5	131	140
Z12-4F2	**W1350092**	251.00	253.00	2.00	graphitic overprinted syenite, trace pyrite	0.42	0.06	0.4	211	19.5	12.2	111	13.7	166	126
Z12-4F2	**W1350093**	253.00	255.00	2.00	graphitic overprinted syenite, trace pyrite	0.4	0.03	< 0.1	182	14.6	1.2	103	8.9	148	68
Z12-4F2	**W1350094**	255.00	257.00	2.00	graphitic overprinted syenite, trace pyrite	0.63	0.06	0.4	112	20.9	1.6	124	12.9	129	156
Z12-4F2	**W1350095**	257.00	259.00	2.00	graphitic overprinted syenite, trace pyrite	0.61	0.02	< 0.1	81.1	17.7	2.3	100	10.3	159	74
Z12-4F2	**W1350096**	259.00	261.00	2.00	graphitic overprinted syenite, trace pyrite	0.54	0.05	0.5	85.7	19.7	1.3	74.6	8.6	161	73

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr
Z12-4F2	**W1350097**	261.00	263.00	2.00	graphitic overprinted syenite, trace pyrite	0.42	0.04	0.3	66.7	15.9	1.9	77	8.2	148	68
Z12-4F2	**W1350098**	263.00	265.00	2.00	graphitic overprinted syenite, trace pyrite	0.62	0.05	0.2	66.2	21.2	2.5	93.3	9.8	281	81
Z12-4F2	**W1350099**	265.00	267.00	2.00	graphitic overprinted syenite, trace pyrite	1.06	0.05	0.5	92.4	9.7	2.6	73	17.3	169	85
Z12-4F2	**W1350100**	**267.00**	**QC**		**M760121 Pulp: REE/C Blank**	4.03	< 0.02	0.3	128	< 0.1	4.8	81.4	17.8	> 1000	131
Z12-4F2	**W1350101**	267.00	269.00	2.00	graphitic overprinted syenite, trace pyrite	3.63	29.9	< 0.1	177	19.3	1.6	92.8	10.8	222	88
Z12-4F2	**W1350102**	269.00	271.00	2.00	graphitic overprinted syenite, trace pyrite	1	0.07	0.2	111	14.6	6.3	84.2	12.7	185	57
Z12-4F2	**W1350103**	271.00	273.00	2.00	graphitic overprinted syenite, trace pyrite	0.55	0.07	0.6	87.1	17.3	2.8	105	10.1	210	68
Z12-4F2	**W1350104**	273.00	275.00	2.00	graphitic overprinted syenite, trace pyrite	0.81	0.05	0.2	64.6	10.8	2.2	78.7	14.1	159	69
Z12-4F2	**W1350105**	275.00	277.00	2.00	graphitic overprinted syenite, trace pyrite	2.58	0.12	1.4	30.6	13.9	2.5	53.1	64.2	138	75
Z12-4F2	**W1350106**	277.00	279.00	2.00	graphitic overprinted syenite, trace pyrite	0.75	0.06	0.3	33.3	11.2	4.2	58.1	9.6	115	76
Z12-4F2	**W1350107**	279.00	280.89	1.89	graphitic overprinted syenite, trace pyrite	0.51	0.04	< 0.1	60.2	9.7	2.9	60.5	5.8	186	92
Z12-4F2	**W1350108**	280.89	281.98	1.09	graphitic brecciated syenitic gneiss, trace pyrite	0.62	0.14	0.5	35	17.4	10.8	89.5	10.1	188	84
Z12-4F2	**W1350109**	281.98	283.11	1.13	graphitic brecciated syenitic gneiss, trace pyrite	0.87	0.11	< 0.1	30.3	8	2.4	69.2	12.1	261	73
Z12-4F2	**W1350110**	283.11	284.25	1.14	graphitic brecciated syenitic gneiss, lump inside, trace pyrite	0.84	0.1	0.4	18.1	18	1.6	70.8	10.2	285	80
Z12-4F2	**W1350111**	284.25	286.00	1.75	graphitic overprinted syenite, trace pyrite	2.77	0.1	0.5	82.9	10.1	6.4	69.2	18.2	373	94
Z12-4F2	**W1350112**	286.00	288.00	2.00	graphitic overprinted syenite, trace pyrite	1.3	0.17	0.6	44.2	17.2	1.6	67.9	6.8	293	106
Z12-4F2	**W1350113**	288.00	290.00	2.00	graphitic overprinted syenite, trace pyrite	2.81	0.76	0.5	42.3	11.7	1.4	62.5	16.6	305	88
Z12-4F2	**W1350114**	290.00	292.00	2.00	graphitic overprinted syenite, trace pyrite	1.3	0.23	0.1	17.3	12.4	0.3	46.9	11.1	175	52
Z12-4F2	**W1350115**	292.00	295.00	3.00	graphitic overprinted syenite, trace pyrite	0.71	0.14	0.8	33.7	18.3	1.9	74.4	12.9	181	81
Z12-4F2	**W1350116**	295.00	297.00	2.00	mafic dyke, trace pyrite	1.61	0.28	0.6	106	16.4	4.8	65.9	35	190	74
Z12-4F2	**W1350117**	297.00	299.11	2.11	mafic dyke, trace pyrite	1.5	0.14	0.8	131	14.6	1.7	66.4	29	205	58
Z12-4F2	**W1350118**	299.11	302.55	3.44	mafic dyke, trace pyrite	1.08	0.15	0.8	85	15.1	2.4	68.8	28.7	172	64
Z12-4F2	**W1350119**	302.55	305.00	2.45	mafic dyke, trace pyrite	1.5	0.11	0.9	29.5	18.8	6.6	102	38.2	94.4	364
Z12-4F2	**W1350120**	305.00	307.00	2.00	mafic dyke, trace pyrite	3.81	23.4	0.3	119	19.2	6.2	80.5	31	247	104
Z12-4F2	**W1350121**	307.00	310.93	3.93	mafic dyke, trace pyrite	1.24	0.08	0.9	99.4	13.4	5.7	61.6	32	223	89
Z12-4F2	**W1350122**	310.93	313.00	2.07	syenitic gneiss, trace pyrite	1.12	0.1	0.7	99.3	18.4	4.3	82.1	25.3	193	141
Z12-4F2	**W1350123**	313.00	315.00	2.00	syenitic gneiss, trace pyrite	1.92	0.13	0.5	22.1	13	2.9	68.8	28.3	132	124
Z12-4F2	**W1350124**	315.00	317.00	2.00	syenitic gneiss, strong fracture, trace pyrite	4.21	0.16	1	29.3	16.5	19.6	76.3	41.2	131	92
Z12-4F2	**W1350125**	**317.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.74	0.1	0.4	36.1	16.1	2.3	95.8	13.4	256	81

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr
Z12-4F2	**W1350126**	317.00	319.00	2.00	syenitic gneiss, biotite chlorite schist strong fracture, trace pyrite	1.91	0.13	1.1	107	14.5	81.8	94.7	27.6	212	181
Z12-4F2	**W1350127**	319.00	321.00	2.00	syenitic gneiss, strong fracture, trace pyrite	0.99	0.05	< 0.1	186	10.5	6	65.7	12.8	204	77
Z12-4F2	**W1350128**	321.00	323.00	2.00	syenitic gneiss, strong fracture, trace pyrite	1.4	0.11	1.1	94.9	17.6	94.2	128	28.4	241	225
Z12-4F2	**W1350129**	323.00	325.00	2.00	syenitic gneiss, strong fracture, trace pyrite	1.63	0.16	1.1	82.2	27.7	65.4	127	48.5	93.2	608
Z12-4F2	**W1350130**	325.00	327.00	2.00	syenitic gneiss, chlorite alteration, trace pyrite	0.91	0.14	0.2	105	21.5	10.6	114	40.4	54.8	453
Z12-4F2	**W1350131**	327.00	330.00	3.00	syenitic gneiss, strong fracture, trace pyrite	1.13	0.23	1	147	25.9	4.2	132	47.2	82	572
Z12-4F2	**W1350132**	330.00	333.00	3.00	syenitic gneiss, trace pyrite	1.01	0.18	0.9	153	28.9	6.3	181	35.6	84.1	430
Z12-4F2	**W1350133**	333.00	335.05	2.05	syenitic gneiss, strong fracture, trace pyrite	1.44	0.15	1	124	22.9	35.2	123	44.3	75.4	390
Z12-4F2	**W1350134**	335.05	337.00	1.95	syenitic gneiss, trace pyrite	1.25	0.13	1	166	28	4.6	160	48	43.2	504
Z12-4F2	**W1350135**	337.00	339.00	2.00	syenitic gneiss, trace pyrite	0.93	0.08	0.7	136	20.7	2.3	115	35.2	26.5	353
Z12-4F2	**W1350136**	339.00	341.00	2.00	syenitic gneiss, trace pyrite	1.09	0.73	0.3	120	24.4	3	120	39.3	23.9	354
Z12-4F2	**W1350137**	341.00	343.00	2.00	syenitic gneiss, moderate fracture, trace pyrite	1.35	0.11	0.8	142	24.3	2.7	135	39.5	28.9	306
Z12-4F2	**W1350138**	343.00	345.00	2.00	syenitic gneiss, trace pyrite	1.55	0.09	0.8	133	25.8	3.3	121	41.3	18.2	371
Z12-4F2	**W1350139**	345.00	347.00	2.00	syenitic gneiss, trace pyrite	1.31	0.07	0.4	108	20.2	3.4	98	35.6	13.6	329
Z12-4F2	**W1350140**	347.00	349.00	2.00	syenitic gneiss, trace pyrite	1.19	0.08	0.4	121	22.6	7.8	128	40.8	16.2	308
Z12-4F2	**W1350141**	349.00	351.00	2.00	syenitic gneiss, trace pyrite	1.27	0.09	1.3	146	26.3	5.7	175	42.4	13.9	551
Z12-4F2	**W1350142**	351.00	353.00	2.00	syenitic gneiss, trace pyrite	1.22	0.12	0.5	140	24.7	3.9	185	41.7	19.7	462
Z12-4F2	**W1350143**	353.00	355.00	2.00	syenitic gneiss, trace pyrite	1.25	0.08	0.7	140	27.7	5.9	191	49	21.8	403
Z12-4F2	**W1350144**	355.00	357.00	2.00	syenitic gneiss, trace pyrite	1.28	0.06	< 0.1	123	23.7	2.6	124	39.1	18	362
Z12-4F2	**W1350145**	357.00	359.00	2.00	syenitic gneiss, trace pyrite	0.74	0.02	0.2	122	22.6	2.1	126	27.1	8.8	332
Z12-4F2	**W1350146**	359.00	361.00	2.00	syenitic gneiss, trace pyrite	1.16	0.07	0.5	133	23.7	4.1	132	36.5	10	328
Z12-4F2	**W1350147**	361.00	363.00	2.00	syenitic gneiss, trace pyrite	1.05	0.05	0.4	125	22.8	3.5	136	37.1	14.6	314
Z12-4F2	**W1350148**	363.00	365.00	2.00	syenitic gneiss, trace pyrite	1.35	0.06	0.4	122	21.8	2.7	122	38.4	18.9	373
Z12-4F2	**W1350149**	365.00	367.00	2.00	syenitic gneiss, trace pyrite	1.07	0.04	0.3	98.2	19.3	1.3	99	34.5	17.4	312
Z12-4F2	**W1350150**	**367.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.75	0.13	0.4	25.8	20.1	0.7	60.8	10.5	242	91
Z12-4F2	**W1350151**	367.00	369.00	2.00	syenitic gneiss, trace pyrite	12.3	25.5	< 0.1	105	22.1	1	129	37	27.2	310
Z12-4F2	**W1350152**	369.00	371.00	2.00	syenitic gneiss, trace pyrite	1.19	0.06	0.6	106	22.2	3.9	126	33.1	32.8	307
Z12-4F2	**W1350153**	371.00	373.00	2.00	syenitic gneiss, trace pyrite	1.19	0.06	1	101	24.1	2.2	130	31.8	164	223
Z12-4F2	**W1350154**	373.00	375.00	2.00	syenitic gneiss, biotite chlorite schist, trace pyrite	0.86	0.03	< 0.1	95.7	19.9	7.5	124	8.1	283	84

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr
Z12-4F2	**W1350155**	375.00	377.00	2.00	syenitic gneiss, trace pyrite	0.93	0.04	0.6	89.5	20.8	1.3	97.4	17.5	238	206
Z12-4F2	**W1350156**	377.00	379.00	2.00	syenitic gneiss, trace pyrite	0.66	0.04	< 0.1	53.6	15.6	1.2	76.2	7.6	208	86
Z12-4F2	**W1350157**	379.00	380.27	1.27	syenitic gneiss, trace pyrite	1.1	0.04	0.5	44.3	19.7	2.2	85.5	13.2	307	96
Z12-4F2	**W1350158**	380.27	380.59	0.32	graphitic brecciated syenitic gneiss, trace pyrite	1.24	0.04	< 0.1	31.6	16.8	23.9	78.8	14.2	374	73
Z12-4F2	**W1350159**	380.59	381.10	0.51	graphitic brecciated syenitic gneiss, trace pyrite	1.34	0.11	0.5	53.7	14.8	47.3	73.1	13.3	399	71
Z12-4F2	**W1350160**	381.10	381.54	0.44	graphitic brecciated syenitic gneiss, trace pyrite	0.87	0.03	0.3	35.9	18.8	26.6	81.8	9.8	340	91
Z12-4F2	**W1350161**	381.54	382.91	1.37	graphitic brecciated syenitic gneiss, trace pyrite	0.81	0.06	< 0.1	31	17.2	11.9	82	6.3	247	79
Z12-4F2	**W1350162**	382.91	383.74	0.83	graphitic brecciated syenitic gneiss, trace pyrite	1.15	0.06	0.1	37.6	16.2	27.5	134	25.1	277	66
Z12-4F2	**W1350163**	383.74	384.30	0.56	graphitic brecciated syenitic gneiss, trace pyrite	1.24	0.08	< 0.1	80.6	16.7	40.9	111	21.3	252	76
Z12-4F2	**W1350164**	384.30	384.86	0.56	graphitic overprinted syenitic gneiss, trace pyrite	0.96	0.05	< 0.1	27.8	19.5	10.5	133	13.4	347	86
Z12-4F2	**W1350165**	384.86	386.69	1.83	graphitic overprinted syenitic gneiss, trace pyrite	1.33	0.08	< 0.1	94.4	15.4	29.6	88.1	14	197	106
Z12-4F2	**W1350166**	386.69	387.94	1.25	graphitic overprinted syenitic gneiss, trace pyrite	3.17	0.05	1	137	23.4	4.5	130	46.5	209	468
Z12-4F2	**W1350167**	387.94	389.00	1.06	graphitic overprinted syenitic gneiss, trace pyrite	1.11	0.08	< 0.1	69.5	15.4	32.1	80	10.9	258	73
Z12-4F2	**W1350168**	389.00	391.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.55	0.09	0.6	113	20.6	38.5	110	33.1	290	84
Z12-4F2	**W1350169**	391.00	392.42	1.42	graphitic overprinted syenitic gneiss, trace pyrite	1.15	0.08	< 0.1	101	15.6	74.1	108	20.8	213	71
Z12-4F2	**W1350170**	392.42	394.42	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.97	0.04	3	56.8	16.7	5.9	73.9	198	236	74
Z12-4F2	**W1350171**	394.42	395.05	0.63	graphitic brecciated syenitic gneiss, trace pyrite	0.89	0.09	< 0.1	45.8	20.5	1.4	95.3	11.3	349	77
Z12-4F2	**W1350172**	395.05	395.91	0.86	graphitic brecciated syenitic gneiss, trace pyrite	0.69	0.05	< 0.1	69.3	16.9	1.8	72.1	8.3	258	77

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr
Z12-4F2	**W1350173**	395.91	398.55	2.64	graphitic brecciated syenitic gneiss, trace pyrite	0.7	0.08	0.1	44.2	18.4	11.9	88.2	10.5	262	78
Z12-4F2	**W1350174**	398.55	399.21	0.66	graphitic brecciated syenitic gneiss, trace pyrite	0.81	0.04	< 0.1	52.7	16.4	1.3	70.5	11.3	233	104
Z12-4F2	**W1350175**	**399.21**	**QC**		**J600090 Pulp 4.1% C (med)**	0.71	0.09	0.4	38.2	17.7	1.4	88.5	13.1	248	74
Z12-4F2	**W1350176**	399.21	401.00	1.79	graphitic brecciated syenitic gneiss, trace pyrite	0.86	0.08	< 0.1	35.3	16.2	2.1	76.6	14.5	224	110
Z12-4F2	**W1350177**	401.00	402.51	1.51	graphitic brecciated syenitic gneiss, trace pyrite	0.86	0.07	0.4	44	17.1	4.9	88	17.5	263	71
Z12-4F2	**W1350178**	402.51	403.31	0.80	graphitic brecciated syenitic gneiss, trace pyrite	0.72	0.04	0.3	52.6	15.4	26.3	86	9	204	59
Z12-4F2	**W1350179**	403.31	405.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	0.87	0.05	0.3	53.6	17.8	39.7	101	17.8	248	83
Z12-4F2	**W1350180**	405.00	406.71	1.71	graphitic brecciated syenitic gneiss, trace pyrite	3.06	10.6	< 0.1	43.1	17.6	28.6	104	15.3	261	95
Z12-4F2	**W1350181**	406.71	407.65	0.94	graphitic brecciated syenitic gneiss, trace pyrite	1.06	0.17	0.4	83.8	22.2	6.6	125	41.7	201	475
Z12-4F2	**W1350182**	407.65	408.63	0.98	graphitic brecciated syenitic gneiss, trace pyrite	1.5	0.04	0.2	106	19.8	4.9	89	31.3	117	255
Z12-4F2	**W1350183**	408.63	410.00	1.37	graphitic brecciated syenitic gneiss, trace pyrite	0.91	0.06	0.6	42.8	19	7.3	77	14.7	228	81
Z12-4F2	**W1350184**	410.00	412.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.82	0.05	0.5	38.8	14.4	3.8	65.3	21.6	209	65
Z12-4F2	**W1350185**	412.00	413.69	1.69	graphitic brecciated syenitic gneiss, trace pyrite	0.98	0.07	< 0.1	151	18.3	5.3	105	19.1	253	88
Z12-4F2	**W1350186**	413.69	414.35	0.66	graphitic brecciated syenitic gneiss, trace pyrite	0.49	0.02	< 0.1	89.2	15.4	3.4	81.8	6.9	127	48
Z12-4F2	**W1350187**	414.35	416.27	1.92	graphitic brecciated syenitic gneiss, trace pyrite	0.74	0.05	< 0.1	58.1	17.4	4.7	69.1	15.9	231	75
Z12-4F2	**W1350188**	416.27	416.73	0.46	graphitic brecciated syenitic gneiss, trace pyrite	0.66	< 0.02	0.4	11	10.1	19.1	44.2	31.6	153	107
Z12-4F2	**W1350189**	416.73	417.98	1.25	graphitic brecciated syenitic gneiss, trace pyrite	0.87	0.06	0.3	164	18.2	73.3	153	26	180	136

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr
Z12-4F2	**W1350190**	417.98	418.82	0.84	graphitic brecciated syenitic gneiss, trace pyrite	0.7	0.12	0.6	114	34.8	7.4	192	73.3	28.3	912
Z12-4F2	**W1350191**	418.82	419.40	0.58	graphitic brecciated syenitic gneiss, trace pyrite	0.81	0.03	< 0.1	41.6	15	3.8	78.1	14.4	211	66
Z12-4F2	**W1350192**	419.40	421.00	1.60	graphitic overprinted syenitic gneiss, trace pyrite	1.18	0.04	0.8	85.6	21.1	4.1	90.7	34.1	59.7	313
Z12-4F2	**W1350193**	421.00	423.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.32	0.05	0.3	91.9	23.1	2	114	31.4	28.2	315
Z12-4F2	**W1350194**	423.00	423.46	0.46	graphitic brecciated syenitic gneiss, trace pyrite	0.74	0.05	0.3	48.7	14.7	7.3	96.7	13.8	204	81
Z12-4F2	**W1350195**	423.46	424.46	1.00	graphitic brecciated syenitic gneiss, trace pyrite	0.7	0.06	0.6	33.4	16.3	2.7	65.2	10.4	216	63
Z12-4F2	**W1350196**	424.46	425.18	0.72	graphitic brecciated syenitic gneiss, trace pyrite	0.69	0.03	< 0.1	22.7	14.5	4.7	84	13.1	244	74
Z12-4F2	**W1350197**	425.18	426.11	0.93	graphitic brecciated syenitic gneiss, trace pyrite	0.87	0.03	0.3	50.2	18.5	10.4	84.2	10.6	222	95
Z12-4F2	**W1350198**	426.11	426.92	0.81	graphitic brecciated syenitic gneiss, trace pyrite	0.78	0.04	0.3	46.7	17.6	12.1	66.6	8.4	242	86
Z12-4F2	**W1350199**	426.92	429.00	2.08	graphitic overprinted syenitic gneiss, trace pyrite	1.21	0.05	0.6	120	26.3	6.8	153	51.9	48.6	485
Z12-4F2	**W1350200**	**429.00**	**QC**		**M760121 Pulp: REE/C Blank**	4.7	< 0.02	0.7	152	6	6.3	91.1	19.5	> 1000	195
Z12-4F2	**W1350201**	429.00	431.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	12.7	12.8	0.1	94.1	22.4	1.6	118	49.5	24.9	371
Z12-4F2	**W1350202**	431.00	432.34	1.34	graphitic overprinted syenitic gneiss, trace pyrite	0.5	0.07	0.3	90.7	22.1	10.6	81.9	20.3	39.1	367
Z12-4F2	**W1350203**	432.34	433.26	0.92	graphitic brecciated syenitic gneiss, trace pyrite	0.74	0.06	0.4	53.7	19.5	9.1	96.3	13.9	211	78
Z12-4F2	**W1350204**	433.26	435.50	2.24	graphitic overprinted syenitic gneiss, trace pyrite	0.85	0.11	0.4	98.4	22.3	5	137	59.8	49.6	428
Z12-4F2	**W1350205**	435.50	438.00	2.50	graphitic overprinted syenitic gneiss, trace pyrite	0.79	0.06	1.1	115	26.5	3	159	41	14.9	529
Z12-4F2	**W1350206**	438.00	438.82	0.82	graphitic brecciated syenitic gneiss, trace pyrite	0.52	0.03	< 0.1	46.1	17.6	2.7	73	9.3	167	114

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Eu	Bi	Se	Zn	Ga	As	Rb	Y	Sr	Zr
Z12-4F2	**W1350207**	438.82	439.89	1.07	graphitic brecciated syenitic gneiss, trace pyrite	0.77	< 0.02	0.2	31.5	17.3	5.2	68	8.4	260	73
Z12-4F2	**W1350208**	439.89	442.00	2.11	syenite,trace pyrite	0.99	0.04	0.5	40.2	13.1	11.1	70.1	9.9	291	58
Z12-4F2	**W1350209**	442.00	444.00	2.00	syenite,trace pyrite	0.75	0.03	< 0.1	40.3	18.1	3.5	58.9	10.6	267	77
					EOH										

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr
Z12-4F2	**W1350001**	47.09	48.19	1.10	Paleozoic cover	7.7	1.8	< 0.1	< 1	0.1	0.2	291	19.3	42.8	4.3
Z12-4F2	**W1350002**	48.19	50.00	1.81	Faulted diorite, red weathered, trace pyrite	1	0.2	< 0.1	3	< 0.1	< 0.1	166	24.5	48.7	6
Z12-4F2	**W1350003**	50.00	52.00	2.00	Faulted diorite, red weathered, trace pyrite	0.4	< 0.1	< 0.1	1	< 0.1	0.1	326	19.2	40.2	5.1
Z12-4F2	**W1350004**	52.00	54.00	2.00	Diorite, trace pyrite	0.2	< 0.1	< 0.1	1	< 0.1	< 0.1	162	11.6	25.7	3.2
Z12-4F2	**W1350005**	54.00	56.00	2.00	Diorite, trace pyrite	0.9	0.6	< 0.1	2	< 0.1	< 0.1	227	13.7	29.8	3.8
Z12-4F2	**W1350006**	56.00	58.00	2.00	Diorite, trace pyrite	1.6	0.3	< 0.1	1	< 0.1	< 0.1	171	10.3	23.6	3
Z12-4F2	**W1350007**	58.00	60.00	2.00	Diorite, trace pyrite	6.3	0.5	< 0.1	2	< 0.1	< 0.1	172	25.6	54.1	6.6
Z12-4F2	**W1350008**	60.00	62.00	2.00	Diorite, trace pyrite	1.3	0.4	< 0.1	2	< 0.1	< 0.1	198	23.8	50.4	5.9
Z12-4F2	**W1350009**	62.00	64.00	2.00	Diorite, aplite dyke, trace pyrite	4.6	0.4	< 0.1	2	< 0.1	< 0.1	260	31.6	63.4	7
Z12-4F2	**W1350010**	64.00	66.00	2.00	Diorite, trace pyrite	8.5	0.5	< 0.1	2	< 0.1	< 0.1	179	10.2	24.2	3.2
Z12-4F2	**W1350011**	66.00	68.00	2.00	Diorite, trace pyrite	1	0.4	< 0.1	2	< 0.1	< 0.1	246	20.4	43.9	5.5
Z12-4F2	**W1350012**	68.00	70.00	2.00	Diorite, trace pyrite	0.2	< 0.1	< 0.1	< 1	< 0.1	< 0.1	176	12.4	28.1	3.6
Z12-4F2	**W1350013**	70.00	72.00	2.00	Diorite, trace pyrite	1.1	< 0.1	< 0.1	1	< 0.1	< 0.1	190	13.8	30.3	3.8
Z12-4F2	**W1350014**	72.00	74.00	2.00	Diorite, trace pyrite	3	0.4	< 0.1	2	< 0.1	< 0.1	230	14.5	33	4.2
Z12-4F2	**W1350015**	74.00	76.00	2.00	Diorite, trace pyrite	8.9	0.7	< 0.1	1	< 0.1	< 0.1	216	14.1	30.1	3.7
Z12-4F2	**W1350016**	76.00	78.00	2.00	Diorite, trace pyrite	9.4	1.6	< 0.1	2	< 0.1	< 0.1	225	17.2	37.1	4.5
Z12-4F2	**W1350017**	78.00	80.00	2.00	Diorite, trace pyrite	7.7	0.6	< 0.1	2	< 0.1	< 0.1	212	18.4	40.7	5.2
Z12-4F2	**W1350018**	80.00	82.00	2.00	Diorite, trace pyrite	1.8	0.3	< 0.1	2	< 0.1	< 0.1	207	13.1	29.8	3.9
Z12-4F2	**W1350019**	82.00	84.00	2.00	Diorite, trace pyrite	1.2	0.4	< 0.1	1	< 0.1	< 0.1	168	11.5	25.7	3.3
Z12-4F2	**W1350020**	84.00	86.00	2.00	Diorite, trace pyrite	9.2	0.8	< 0.1	3	< 0.1	< 0.1	227	30.4	60.4	7.1
Z12-4F2	**W1350021**	86.00	88.00	2.00	Diorite, trace pyrite	0.6	< 0.1	< 0.1	1	< 0.1	< 0.1	252	20.5	43.9	5.3
Z12-4F2	**W1350022**	88.00	90.00	2.00	Diorite, trace pyrite	0.3	< 0.1	< 0.1	1	< 0.1	< 0.1	185	12.9	29.9	3.9
Z12-4F2	**W1350023**	90.00	92.00	2.00	Diorite, trace pyrite	0.3	< 0.1	< 0.1	< 1	< 0.1	< 0.1	160	10.2	23.8	3.2
Z12-4F2	**W1350024**	92.00	94.00	2.00	Diorite, trace pyrite	0.4	0.2	< 0.1	2	0.3	< 0.1	281	21.6	44.5	5.2
Z12-4F2	**W1350025**	**94.00**	**QC**		**J600090 Pulp 4.1% C (med)**	17.1	0.4	< 0.1	1	0.1	< 0.1	585	22.2	42.8	4.6
Z12-4F2	**W1350026**	94.00	96.00	2.00	Diorite, trace pyrite	8.7	0.8	< 0.1	3	0.3	< 0.1	233	25.2	60.5	7.5
Z12-4F2	**W1350027**	96.00	98.00	2.00	Diorite, trace pyrite	6.2	0.7	< 0.1	2	< 0.1	< 0.1	242	15.9	34.7	4.4
Z12-4F2	**W1350028**	98.00	100.00	2.00	Faulted diorite, trace pyrite	8.9	0.6	< 0.1	2	< 0.1	< 0.1	189	15.7	33.6	4.3
Z12-4F2	**W1350029**	100.00	102.00	2.00	Diorite, trace pyrite	2.1	0.3	< 0.1	2	< 0.1	< 0.1	205	13.5	30.7	4
Z12-4F2	**W1350030**	102.00	104.00	2.00	Diorite, trace pyrite	7.7	0.3	< 0.1	2	0.2	< 0.1	3	132	10.8	25.3
Z12-4F2	**W1350031**	104.00	106.00	2.00	Diorite, trace pyrite	0.7	< 0.1	< 0.1	1	< 0.1	< 0.1	314	18.6	41.4	5.5
Z12-4F2	**W1350032**	106.00	108.00	2.00	Faulted diorite, trace pyrite	0.4	0.9	< 0.1	2	< 0.1	< 0.1	220	14.8	32.7	4.1
Z12-4F2	**W1350033**	108.00	110.00	2.00	Faulted diorite, trace pyrite	1.2	0.4	< 0.1	1	0.2	< 0.1	162	11	26.5	3.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr
Z12-4F2	**W1350034**	110.00	112.00	2.00	Diorite, trace pyrite	1.8	0.7	< 0.1	2	< 0.1	< 0.1	282	25.7	54.3	6.6
Z12-4F2	**W1350035**	112.00	114.00	2.00	Diorite, trace pyrite	1.1	0.5	< 0.1	2	0.1	< 0.1	279	20.6	44.7	5.7
Z12-4F2	**W1350036**	114.00	116.00	2.00	Diorite, trace pyrite	0.5	1.3	< 0.1	1	< 0.1	< 0.1	171	11.6	26.7	3.5
Z12-4F2	**W1350037**	116.00	118.00	2.00	Diorite, trace pyrite	1.2	0.2	< 0.1	2	< 0.1	< 0.1	197	44.6	89.4	9.8
Z12-4F2	**W1350038**	118.00	120.00	2.00	Diorite, trace pyrite	14.3	0.7	< 0.1	2	< 0.1	< 0.1	209	11.4	26.6	3.5
Z12-4F2	**W1350039**	120.00	122.00	2.00	Diorite, trace pyrite	0.4	< 0.1	< 0.1	< 1	< 0.1	< 0.1	165	13.8	30.3	3.9
Z12-4F2	**W1350040**	122.00	124.00	2.00	Diorite, trace pyrite	0.3	< 0.1	< 0.1	2	< 0.1	< 0.1	167	13	30.6	4.1
Z12-4F2	**W1350041**	124.00	126.00	2.00	Diorite, trace pyrite	0.8	< 0.1	< 0.1	3	< 0.1	< 0.1	196	19.9	46	6
Z12-4F2	**W1350042**	126.00	128.00	2.00	Diorite, trace pyrite	0.9	< 0.1	< 0.1	2	< 0.1	< 0.1	208	17.2	39.7	5.2
Z12-4F2	**W1350043**	128.00	130.00	2.00	Diorite, trace pyrite	0.4	0.3	< 0.1	1	< 0.1	< 0.1	168	13	29.3	3.9
Z12-4F2	**W1350044**	130.00	132.00	2.00	Diorite, trace pyrite	3.2	1.8	< 0.1	3	< 0.1	< 0.1	257	18.8	41.5	5.2
Z12-4F2	**W1350045**	132.00	134.00	2.00	Diorite, trace pyrite	26.9	0.3	< 0.1	3	0.2	< 0.1	131	75.9	159	18.1
Z12-4F2	**W1350046**	134.00	136.00	2.00	Diorite, trace pyrite	116	0.8	< 0.1	3	0.2	< 0.1	101	103	206	22.3
Z12-4F2	**W1350047**	136.00	138.00	2.00	Diorite, trace pyrite	2.6	0.4	< 0.1	2	< 0.1	< 0.1	164	13.4	31.1	4
Z12-4F2	**W1350048**	138.00	140.00	2.00	Diorite, trace pyrite	6.5	< 0.1	< 0.1	3	< 0.1	< 0.1	232	21.2	47	6
Z12-4F2	**W1350049**	140.00	142.00	2.00	Diorite, trace pyrite	0.9	< 0.1	< 0.1	2	< 0.1	< 0.1	241	25.8	52.6	6.4
Z12-4F2	**W1350050**	**142.00**	**QC**		**M760121 Pulp: REE/C Blank**	207	3.8	< 0.1	2	0.2	0.1	> 6000	132	237	24.4
Z12-4F2	**W1350051**	142.00	144.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.1	2	< 0.1	< 0.1	3	210	17.5	39.6
Z12-4F2	**W1350052**	144.00	146.00	2.00	Diorite, trace pyrite	0.7	< 0.1	< 0.1	2	< 0.1	< 0.1	212	20.2	46	5.9
Z12-4F2	**W1350053**	146.00	148.00	2.00	Diorite, trace pyrite	2.9	0.2	< 0.1	2	< 0.1	< 0.1	251	21.4	45.1	5.7
Z12-4F2	**W1350054**	148.00	150.00	2.00	Diorite, trace pyrite	4.9	0.6	0.1	2	< 0.1	< 0.1	182	17.3	39.3	5.2
Z12-4F2	**W1350055**	150.00	152.00	2.00	Diorite, trace pyrite	9.5	0.5	0.1	3	0.2	< 0.1	217	26.8	61.1	7.8
Z12-4F2	**W1350056**	152.00	154.00	2.00	Faulted diorite, trace pyrite	6.6	0.5	< 0.1	3	0.1	< 0.1	216	17	39.9	5.2
Z12-4F2	**W1350057**	154.00	156.00	2.00	Faulted diorite, trace pyrite	4.6	0.2	< 0.1	2	< 0.1	< 0.1	190	11.1	25.7	3.3
Z12-4F2	**W1350058**	156.00	158.00	2.00	Faulted diorite, trace pyrite	0.6	< 0.1	< 0.1	2	< 0.1	< 0.1	208	13.4	31.2	4
Z12-4F2	**W1350059**	158.00	160.00	2.00	Faulted diorite, trace pyrite	5.2	0.2	< 0.1	2	< 0.1	< 0.1	133	15.6	37.3	4.8
Z12-4F2	**W1350060**	160.00	162.00	2.00	Faulted diorite, trace pyrite	< 0.1	< 0.1	< 0.1	1	< 0.1	< 0.1	4	219	11.4	26
Z12-4F2	**W1350061**	162.00	164.00	2.00	Faulted diorite, trace pyrite	0.4	< 0.1	< 0.1	1	< 0.1	< 0.1	189	13.7	30.4	3.8
Z12-4F2	**W1350062**	164.00	166.00	2.00	Faulted diorite, trace pyrite	1	< 0.1	< 0.1	2	< 0.1	< 0.1	244	17.1	35.8	4.3
Z12-4F2	**W1350063**	166.00	168.00	2.00	Diorite, trace pyrite	9.6	0.4	< 0.1	2	< 0.1	< 0.1	209	18.6	40.3	5.1
Z12-4F2	**W1350064**	168.00	170.00	2.00	Diorite, trace pyrite	6.2	0.2	< 0.1	1	< 0.1	< 0.1	149	16.7	36.7	4.5
Z12-4F2	**W1350065**	170.00	172.00	2.00	Diorite, trace pyrite	6.3	0.3	< 0.1	1	< 0.1	< 0.1	178	20.6	43.2	5.1
Z12-4F2	**W1350066**	172.00	174.00	2.00	Diorite, trace pyrite	7	0.4	< 0.1	2	1.5	< 0.1	222	14.6	32.2	4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr
Z12-4F2	**W1350067**	174.00	176.00	2.00	Diorite, trace pyrite	0.2	0.6	< 0.1	1	< 0.1	< 0.1	198	12.6	27.8	3.5
Z12-4F2	**W1350068**	176.00	178.00	2.00	Diorite, trace pyrite	8.9	0.7	< 0.1	2	0.2	< 0.1	152	12	28	3.8
Z12-4F2	**W1350069**	178.00	179.33	1.33	Diorite, trace pyrite	0.2	< 0.1	< 0.1	< 1	< 0.1	< 0.1	187	46	88.2	9.3
Z12-4F2	**W1350070**	179.33	187.02	7.69	Diorite, trace pyrite	0.6	< 0.1	< 0.1	3	< 0.1	< 0.1	420	17.5	41.9	5.5
Z12-4F2	**W1350071**	187.02	201.20	14.18	Faulted diorite, intense fault zone, considerable core loss, trace pyrite	57.7	5.2	< 0.1	6	0.3	< 0.1	985	1570	2940	299
Z12-4F2	**W1350072**	201.20	203.00	1.80	graphiticbreccia vein, graphitic overprinted syenite, trace pyrite	42.7	3.4	< 0.1	3	0.3	< 0.1	1270	44.2	81.5	8.3
Z12-4F2	**W1350073**	203.00	205.00	2.00	graphitic overprinted syenite, trace pyrite	24.6	1.3	< 0.1	2	0.2	< 0.1	1090	34.3	60	6.2
Z12-4F2	**W1350074**	205.00	207.00	2.00	graphitic overprinted syenite, trace pyrite	30.4	0.8	< 0.1	1	0.1	< 0.1	939	35.6	61.8	6.2
Z12-4F2	**W1350075**	**207.00**	**QC**		**J600100 Pulp: 10% C (high)**	18.1	1.4	< 0.1	2	0.3	< 0.1	538	21.8	40	4.2
Z12-4F2	**W1350076**	207.00	209.00	2.00	graphitic overprinted syenite, trace pyrite	19	1.5	< 0.1	1	0.2	< 0.1	995	50.3	85	8.3
Z12-4F2	**W1350077**	209.00	211.00	2.00	graphitic overprinted syenite, trace pyrite	11.8	1.5	< 0.1	1	< 0.1	< 0.1	1180	26.5	46.5	4.4
Z12-4F2	**W1350078**	211.00	213.00	2.00	graphitic overprinted syenite, trace pyrite	13.5	0.9	< 0.1	1	< 0.1	< 0.1	923	15.3	26.9	2.7
Z12-4F2	**W1350079**	213.00	215.00	2.00	graphitic overprinted syenite, trace pyrite	11.7	1.4	< 0.1	1	< 0.1	< 0.1	873	23.9	43.8	4.6
Z12-4F2	**W1350080**	215.00	217.00	2.00	graphitic overprinted syenite, trace pyrite	15.4	0.8	< 0.1	1	< 0.1	< 0.1	923	47.6	83.4	8.7
Z12-4F2	**W1350081**	217.00	217.89	0.89	graphitic overprinted syenite, graphitic breccia vein, trace pyrite	25.7	4.1	< 0.1	1	0.1	< 0.1	1120	27.4	48.9	5
Z12-4F2	**W1350082**	217.89	220.19	2.30	graphitic overprinted syenite, trace pyrite	35.8	5	< 0.1	5	0.5	< 0.1	224	152	342	38.7
Z12-4F2	**W1350083**	220.19	231.00	10.81	graphitic overprinted syenite, trace pyrite	16.9	3.2	< 0.1	3	0.3	< 0.1	998	40.2	82.9	9.3
Z12-4F2	**W1350084**	231.00	237.79	6.79	graphitic overprinted syenite, trace pyrite	34.7	7.6	< 0.1	4	0.5	< 0.1	1390	70.8	150	17.3
Z12-4F2	**W1350085**	237.79	239.00	1.21	graphitic overprinted syenite, trace pyrite	23.8	0.8	< 0.1	1	0.1	< 0.1	597	11.4	23.6	2.7
Z12-4F2	**W1350086**	239.00	241.00	2.00	graphitic overprinted syenite, trace pyrite	24	0.5	< 0.1	1	< 0.1	< 0.1	652	11.2	21.1	2.3
Z12-4F2	**W1350087**	241.00	243.00	2.00	graphitic overprinted syenite, trace pyrite	10.5	0.3	< 0.1	1	< 0.1	< 0.1	619	10.9	22.8	2.1
Z12-4F2	**W1350088**	243.00	245.00	2.00	graphitic overprinted syenite, trace pyrite	12.5	0.2	< 0.1	1	< 0.1	< 0.1	660	14.1	28.2	3
Z12-4F2	**W1350089**	245.00	247.00	2.00	graphitic overprinted syenite, trace pyrite	11.3	0.1	< 0.1	< 1	< 0.1	< 0.1	525	14.9	29	3.1
Z12-4F2	**W1350090**	247.00	249.00	2.00	graphitic overprinted syenite, trace pyrite	9.5	< 0.1	< 0.1	1	< 0.1	< 0.1	2	567	12.1	22.4
Z12-4F2	**W1350091**	249.00	251.00	2.00	graphitic overprinted syenite, trace pyrite	46.5	0.7	< 0.1	2	0.1	< 0.1	512	34.7	61.6	5.9
Z12-4F2	**W1350092**	251.00	253.00	2.00	graphitic overprinted syenite, trace pyrite	50	0.9	< 0.1	3	0.1	< 0.1	908	19	37	4
Z12-4F2	**W1350093**	253.00	255.00	2.00	graphitic overprinted syenite, trace pyrite	17	2.1	< 0.1	< 1	< 0.1	< 0.1	676	15.3	28.7	2.9
Z12-4F2	**W1350094**	255.00	257.00	2.00	graphitic overprinted syenite, trace pyrite	69.2	0.6	< 0.1	2	< 0.1	< 0.1	573	43.5	81.7	8.3
Z12-4F2	**W1350095**	257.00	259.00	2.00	graphitic overprinted syenite, trace pyrite	11.5	0.3	< 0.1	1	< 0.1	< 0.1	617	25.7	53.5	6
Z12-4F2	**W1350096**	259.00	261.00	2.00	graphitic overprinted syenite, trace pyrite	11.9	0.3	< 0.1	1	< 0.1	< 0.1	602	17.7	35.1	3.8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr
Z12-4F2	**W1350097**	261.00	263.00	2.00	graphitic overprinted syenite, trace pyrite	11	0.4	< 0.1	1	< 0.1	< 0.1	572	12.7	23.5	2.4
Z12-4F2	**W1350098**	263.00	265.00	2.00	graphitic overprinted syenite, trace pyrite	15.8	1.8	< 0.1	2	0.1	< 0.1	842	18.3	35.7	3.9
Z12-4F2	**W1350099**	265.00	267.00	2.00	graphitic overprinted syenite, trace pyrite	16.6	0.5	< 0.1	1	< 0.1	< 0.1	1760	42.5	89.6	10.2
Z12-4F2	**W1350100**	**267.00**	**QC**		**M760121 Pulp: REE/C Blank**	115	3.3	< 0.1	2	0.9	< 0.1	> 6000	127	231	24.3
Z12-4F2	**W1350101**	267.00	269.00	2.00	graphitic overprinted syenite, trace pyrite	16.4	0.9	< 0.1	2	0.1	< 0.1	2	773	28.2	59.4
Z12-4F2	**W1350102**	269.00	271.00	2.00	graphitic overprinted syenite, trace pyrite	18.3	1.2	< 0.1	2	< 0.1	< 0.1	862	17.8	36.1	4.2
Z12-4F2	**W1350103**	271.00	273.00	2.00	graphitic overprinted syenite, trace pyrite	16.3	0.7	< 0.1	1	0.1	< 0.1	2100	12.3	23.7	2.5
Z12-4F2	**W1350104**	273.00	275.00	2.00	graphitic overprinted syenite, trace pyrite	26.1	0.9	< 0.1	2	< 0.1	< 0.1	1090	18.1	34.5	3.6
Z12-4F2	**W1350105**	275.00	277.00	2.00	graphitic overprinted syenite, trace pyrite	32.9	0.6	< 0.1	1	0.1	< 0.1	1070	27.3	53.7	6.1
Z12-4F2	**W1350106**	277.00	279.00	2.00	graphitic overprinted syenite, trace pyrite	15.4	1.1	< 0.1	1	< 0.1	< 0.1	1130	16.7	31.6	3.3
Z12-4F2	**W1350107**	279.00	280.89	1.89	graphitic overprinted syenite, trace pyrite	12	0.8	< 0.1	< 1	0.1	< 0.1	1120	18.4	32.9	3.2
Z12-4F2	**W1350108**	280.89	281.98	1.09	graphitic brecciated syenitic gneiss, trace pyrite	14	0.5	< 0.1	< 1	0.1	< 0.1	1030	15.4	29.6	3.2
Z12-4F2	**W1350109**	281.98	283.11	1.13	graphitic brecciated syenitic gneiss, trace pyrite	10.9	0.5	< 0.1	< 1	< 0.1	< 0.1	1820	23.6	44.8	4.8
Z12-4F2	**W1350110**	283.11	284.25	1.14	graphitic brecciated syenitic gneiss, lump inside, trace pyrite	9.6	0.5	< 0.1	< 1	< 0.1	< 0.1	1350	27.6	51.9	5.5
Z12-4F2	**W1350111**	284.25	286.00	1.75	graphitic overprinted syenite, trace pyrite	14.3	0.3	< 0.1	2	0.1	< 0.1	1310	68.8	138	15.5
Z12-4F2	**W1350112**	286.00	288.00	2.00	graphitic overprinted syenite, trace pyrite	10.2	0.3	< 0.1	1	< 0.1	< 0.1	1140	33.1	61.2	6.6
Z12-4F2	**W1350113**	288.00	290.00	2.00	graphitic overprinted syenite, trace pyrite	23	0.4	< 0.1	2	0.1	< 0.1	1220	44.9	92.9	10.7
Z12-4F2	**W1350114**	290.00	292.00	2.00	graphitic overprinted syenite, trace pyrite	23.7	0.2	< 0.1	1	< 0.1	< 0.1	724	23	44	4.9
Z12-4F2	**W1350115**	292.00	295.00	3.00	graphitic overprinted syenite, trace pyrite	19.6	0.2	< 0.1	1	< 0.1	0.1	642	19.8	38.4	4.2
Z12-4F2	**W1350116**	295.00	297.00	2.00	mafic dyke, trace pyrite	51.9	0.4	< 0.1	5	0.4	< 0.1	311	57.9	114	12.4
Z12-4F2	**W1350117**	297.00	299.11	2.11	mafic dyke, trace pyrite	2.5	< 0.1	< 0.1	2	< 0.1	< 0.1	413	15.9	34.1	4.3
Z12-4F2	**W1350118**	299.11	302.55	3.44	mafic dyke, trace pyrite	2.3	< 0.1	< 0.1	2	< 0.1	< 0.1	871	17.2	37.3	4.5
Z12-4F2	**W1350119**	302.55	305.00	2.45	mafic dyke, trace pyrite	106	3.2	< 0.1	4	0.1	< 0.1	569	129	240	24.8
Z12-4F2	**W1350120**	305.00	307.00	2.00	mafic dyke, trace pyrite	12.2	0.7	< 0.1	2	0.2	< 0.1	6	651	12.7	28
Z12-4F2	**W1350121**	307.00	310.93	3.93	mafic dyke, trace pyrite	36.7	2	< 0.1	4	0.1	< 0.1	607	24.4	50.4	5.9
Z12-4F2	**W1350122**	310.93	313.00	2.07	syenitic gneiss, trace pyrite	39.9	3.2	< 0.1	4	0.1	< 0.1	866	59.4	115	12.4
Z12-4F2	**W1350123**	313.00	315.00	2.00	syenitic gneiss, trace pyrite	28.9	2.4	< 0.1	4	< 0.1	< 0.1	804	188	360	36.4
Z12-4F2	**W1350124**	315.00	317.00	2.00	syenitic gneiss, strong fracture, trace pyrite	49.1	9	< 0.1	14	0.1	< 0.1	770	534	1020	107
Z12-4F2	**W1350125**	**317.00**	**QC**		**J600090 Pulp 4.1% C (med)**	16.8	1.2	< 0.1	1	0.2	< 0.1	591	21.4	40.5	4.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr
Z12-4F2	**W1350126**	317.00	319.00	2.00	syenitic gneiss, biotite chlorite schist strong fracture, trace pyrite	81.6	8.8	< 0.1	5	0.2	0.1	1310	91.5	182	19.9
Z12-4F2	**W1350127**	319.00	321.00	2.00	syenitic gneiss, strong fracture, trace pyrite	15.2	1.6	< 0.1	2	0.1	< 0.1	876	44.9	83.7	8.8
Z12-4F2	**W1350128**	321.00	323.00	2.00	syenitic gneiss, strong fracture, trace pyrite	31.1	13.2	< 0.1	4	0.2	< 0.1	881	79.3	163	18
Z12-4F2	**W1350129**	323.00	325.00	2.00	syenitic gneiss, strong fracture, trace pyrite	97	1.6	< 0.1	5	0.2	< 0.1	367	187	363	38.7
Z12-4F2	**W1350130**	325.00	327.00	2.00	syenitic gneiss, chlorite alteration, trace pyrite	122	0.9	< 0.1	3	0.2	< 0.1	298	169	311	31.3
Z12-4F2	**W1350131**	327.00	330.00	3.00	syenitic gneiss, strong fracture, trace pyrite	162	2.3	0.1	5	0.2	0.1	402	95.6	191	21
Z12-4F2	**W1350132**	330.00	333.00	3.00	syenitic gneiss, trace pyrite	136	3	< 0.1	4	0.3	0.2	360	91.3	184	20.6
Z12-4F2	**W1350133**	333.00	335.05	2.05	syenitic gneiss, strong fracture, trace pyrite	133	2.2	< 0.1	4	0.2	0.1	522	122	237	25.6
Z12-4F2	**W1350134**	335.05	337.00	1.95	syenitic gneiss, trace pyrite	80.4	3.2	< 0.1	4	0.2	< 0.1	285	138	273	29.8
Z12-4F2	**W1350135**	337.00	339.00	2.00	syenitic gneiss, trace pyrite	131	1.9	< 0.1	4	0.2	< 0.1	227	105	200	21.7
Z12-4F2	**W1350136**	339.00	341.00	2.00	syenitic gneiss, trace pyrite	82.8	2.6	0.1	3	0.5	< 0.1	215	115	231	25.5
Z12-4F2	**W1350137**	341.00	343.00	2.00	syenitic gneiss, moderate fracture, trace pyrite	33.7	1.3	< 0.1	1	< 0.1	< 0.1	404	88.2	186	21.2
Z12-4F2	**W1350138**	343.00	345.00	2.00	syenitic gneiss, trace pyrite	32.6	1.5	< 0.1	2	< 0.1	< 0.1	298	92.9	200	22.9
Z12-4F2	**W1350139**	345.00	347.00	2.00	syenitic gneiss, trace pyrite	33.4	1.9	< 0.1	2	< 0.1	< 0.1	242	84.7	170	18.8
Z12-4F2	**W1350140**	347.00	349.00	2.00	syenitic gneiss, trace pyrite	97.6	2.5	< 0.1	3	0.2	< 0.1	174	98.5	194	20.7
Z12-4F2	**W1350141**	349.00	351.00	2.00	syenitic gneiss, trace pyrite	140	3.5	< 0.1	4	0.3	< 0.1	133	99.3	198	22.1
Z12-4F2	**W1350142**	351.00	353.00	2.00	syenitic gneiss, trace pyrite	148	2.6	< 0.1	4	0.2	< 0.1	138	121	229	24.4
Z12-4F2	**W1350143**	353.00	355.00	2.00	syenitic gneiss, trace pyrite	162	3.1	0.1	3	0.2	< 0.1	117	126	248	26.9
Z12-4F2	**W1350144**	355.00	357.00	2.00	syenitic gneiss, trace pyrite	79.7	2.3	< 0.1	2	< 0.1	< 0.1	113	108	219	24
Z12-4F2	**W1350145**	357.00	359.00	2.00	syenitic gneiss, trace pyrite	119	2.6	< 0.1	2	0.1	< 0.1	76	49.3	142	11.8
Z12-4F2	**W1350146**	359.00	361.00	2.00	syenitic gneiss, trace pyrite	85.2	1.6	0.1	3	0.2	< 0.1	83	92.1	195	21.1
Z12-4F2	**W1350147**	361.00	363.00	2.00	syenitic gneiss, trace pyrite	81.5	2.2	0.1	2	0.8	< 0.1	89	92	190	20.6
Z12-4F2	**W1350148**	363.00	365.00	2.00	syenitic gneiss, trace pyrite	65.7	3	0.1	4	0.1	< 0.1	102	112	226	24.7
Z12-4F2	**W1350149**	365.00	367.00	2.00	syenitic gneiss, trace pyrite	83.2	2.7	< 0.1	2	< 0.1	< 0.1	93	98	198	21.2
Z12-4F2	**W1350150**	**367.00**	**QC**		**J600100 Pulp: 10% C (high)**	19.1	1.2	< 0.1	2	0.2	< 0.1	574	23.7	45.2	4.9
Z12-4F2	**W1350151**	367.00	369.00	2.00	syenitic gneiss, trace pyrite	93.5	1.2	0.1	2	0.2	< 0.1	6	129	112	205
Z12-4F2	**W1350152**	369.00	371.00	2.00	syenitic gneiss, trace pyrite	113	3.4	< 0.1	2	0.2	< 0.1	135	102	202	22.4
Z12-4F2	**W1350153**	371.00	373.00	2.00	syenitic gneiss, trace pyrite	81.9	2	< 0.1	2	< 0.1	< 0.1	535	155	286	29.5
Z12-4F2	**W1350154**	373.00	375.00	2.00	syenitic gneiss, biotite chlorite schist, trace pyrite	20.2	1.1	< 0.1	2	0.2	< 0.1	934	36.2	60.6	6.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr
Z12-4F2	**W1350155**	375.00	377.00	2.00	syenitic gneiss, trace pyrite	52	4.3	< 0.1	2	< 0.1	< 0.1	744	57.9	112	11.9
Z12-4F2	**W1350156**	377.00	379.00	2.00	syenitic gneiss, trace pyrite	18.7	0.3	< 0.1	1	< 0.1	< 0.1	801	19.8	36.9	3.8
Z12-4F2	**W1350157**	379.00	380.27	1.27	syenitic gneiss, trace pyrite	23.5	0.5	< 0.1	1	< 0.1	< 0.1	1000	38.5	67.3	6.9
Z12-4F2	**W1350158**	380.27	380.59	0.32	graphitic brecciated syenitic gneiss, trace pyrite	17.4	1.9	< 0.1	1	< 0.1	< 0.1	758	29.5	56.9	6.1
Z12-4F2	**W1350159**	380.59	381.10	0.51	graphitic brecciated syenitic gneiss, trace pyrite	15.6	32	< 0.1	2	0.1	< 0.1	939	21.1	44.8	5.3
Z12-4F2	**W1350160**	381.10	381.54	0.44	graphitic brecciated syenitic gneiss, trace pyrite	14.7	1.2	< 0.1	1	0.1	< 0.1	849	20	37.6	4
Z12-4F2	**W1350161**	381.54	382.91	1.37	graphitic brecciated syenitic gneiss, trace pyrite	19	0.5	< 0.1	1	< 0.1	< 0.1	916	21.6	39.5	4.2
Z12-4F2	**W1350162**	382.91	383.74	0.83	graphitic brecciated syenitic gneiss, trace pyrite	17	1.7	< 0.1	2	0.1	< 0.1	652	32.3	66	7.4
Z12-4F2	**W1350163**	383.74	384.30	0.56	graphitic brecciated syenitic gneiss, trace pyrite	15.9	2.5	< 0.1	2	0.2	< 0.1	812	24.7	50	5.8
Z12-4F2	**W1350164**	384.30	384.86	0.56	graphitic overprinted syenitic gneiss, trace pyrite	15.6	1.4	< 0.1	1	0.1	< 0.1	849	17.7	35.9	4.1
Z12-4F2	**W1350165**	384.86	386.69	1.83	graphitic overprinted syenitic gneiss, trace pyrite	29.7	7.2	< 0.1	3	0.4	< 0.1	836	25.9	52.3	5.8
Z12-4F2	**W1350166**	386.69	387.94	1.25	graphitic overprinted syenitic gneiss, trace pyrite	41.6	2.3	< 0.1	3	< 0.1	< 0.1	1900	95.4	193	21.8
Z12-4F2	**W1350167**	387.94	389.00	1.06	graphitic overprinted syenitic gneiss, trace pyrite	13.4	1.8	< 0.1	2	0.1	< 0.1	792	14.8	31.8	3.6
Z12-4F2	**W1350168**	389.00	391.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	19.9	1.4	< 0.1	3	0.4	< 0.1	674	103	189	19.6
Z12-4F2	**W1350169**	391.00	392.42	1.42	graphitic overprinted syenitic gneiss, trace pyrite	21.3	17.8	< 0.1	3	0.2	< 0.1	536	21.5	50.8	6.2
Z12-4F2	**W1350170**	392.42	394.42	2.00	graphitic brecciated syenitic gneiss, trace pyrite	11.1	1.5	< 0.1	1	0.1	< 0.1	490	799	1280	119
Z12-4F2	**W1350171**	394.42	395.05	0.63	graphitic brecciated syenitic gneiss, trace pyrite	13.5	0.6	< 0.1	1	< 0.1	< 0.1	624	17.9	36.8	4.3
Z12-4F2	**W1350172**	395.05	395.91	0.86	graphitic brecciated syenitic gneiss, trace pyrite	10.7	4	< 0.1	1	< 0.1	< 0.1	568	19.9	37.6	4.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr
Z12-4F2	**W1350173**	395.91	398.55	2.64	graphitic brecciated syenitic gneiss, trace pyrite	14.5	0.9	< 0.1	< 1	0.2	< 0.1	534	17.6	34.5	4
Z12-4F2	**W1350174**	398.55	399.21	0.66	graphitic brecciated syenitic gneiss, trace pyrite	12.4	0.5	< 0.1	1	< 0.1	< 0.1	670	29.3	56.9	6.4
Z12-4F2	**W1350175**	**399.21**	**QC**		**J600090 Pulp 4.1% C (med)**	15.7	0.7	< 0.1	1	0.1	< 0.1	557	19.3	38.4	4.2
Z12-4F2	**W1350176**	399.21	401.00	1.79	graphitic brecciated syenitic gneiss, trace pyrite	35.2	0.6	< 0.1	1	< 0.1	< 0.1	530	24.8	47.5	5.3
Z12-4F2	**W1350177**	401.00	402.51	1.51	graphitic brecciated syenitic gneiss, trace pyrite	25.6	0.9	< 0.1	2	0.1	< 0.1	529	20	41.6	4.8
Z12-4F2	**W1350178**	402.51	403.31	0.80	graphitic brecciated syenitic gneiss, trace pyrite	10.9	0.6	< 0.1	2	0.2	< 0.1	562	16.2	30	3.2
Z12-4F2	**W1350179**	403.31	405.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	21.8	2.5	< 0.1	1	0.3	< 0.1	572	20.2	41.1	4.8
Z12-4F2	**W1350180**	405.00	406.71	1.71	graphitic brecciated syenitic gneiss, trace pyrite	18	0.9	< 0.1	1	0.1	< 0.1	3	613	25.5	46.7
Z12-4F2	**W1350181**	406.71	407.65	0.94	graphitic brecciated syenitic gneiss, trace pyrite	110	2.9	< 0.1	2	< 0.1	< 0.1	383	89	158	16.2
Z12-4F2	**W1350182**	407.65	408.63	0.98	graphitic brecciated syenitic gneiss, trace pyrite	76.8	3.2	< 0.1	3	< 0.1	< 0.1	513	61.4	123	14.1
Z12-4F2	**W1350183**	408.63	410.00	1.37	graphitic brecciated syenitic gneiss, trace pyrite	23.3	0.9	< 0.1	2	< 0.1	< 0.1	525	18.8	37.8	4.4
Z12-4F2	**W1350184**	410.00	412.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	40.2	0.6	< 0.1	1	< 0.1	< 0.1	510	17.5	37.5	4.3
Z12-4F2	**W1350185**	412.00	413.69	1.69	graphitic brecciated syenitic gneiss, trace pyrite	29.7	1.1	< 0.1	2	0.2	< 0.1	546	29.2	57.7	6.6
Z12-4F2	**W1350186**	413.69	414.35	0.66	graphitic brecciated syenitic gneiss, trace pyrite	7.7	0.8	< 0.1	< 1	0.1	< 0.1	368	17.8	33.9	3.6
Z12-4F2	**W1350187**	414.35	416.27	1.92	graphitic brecciated syenitic gneiss, trace pyrite	15.4	0.9	< 0.1	1	0.3	< 0.1	430	16	34.2	4
Z12-4F2	**W1350188**	416.27	416.73	0.46	graphitic brecciated syenitic gneiss, trace pyrite	20.5	1.6	< 0.1	1	0.4	< 0.1	72	35.7	67.3	7.1
Z12-4F2	**W1350189**	416.73	417.98	1.25	graphitic brecciated syenitic gneiss, trace pyrite	48.8	2.2	< 0.1	3	1.1	< 0.1	505	27.6	55.9	6.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr
Z12-4F2	**W1350190**	417.98	418.82	0.84	graphitic brecciated syenitic gneiss, trace pyrite	219	3.5	< 0.1	5	0.2	< 0.1	68	172	318	33.3
Z12-4F2	**W1350191**	418.82	419.40	0.58	graphitic brecciated syenitic gneiss, trace pyrite	17.4	0.9	< 0.1	1	0.2	< 0.1	498	18.4	36.3	4
Z12-4F2	**W1350192**	419.40	421.00	1.60	graphitic overprinted syenitic gneiss, trace pyrite	76.1	3.7	< 0.1	2	0.1	< 0.1	247	80.4	155	16.7
Z12-4F2	**W1350193**	421.00	423.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	37.1	1	< 0.1	2	< 0.1	< 0.1	209	83.5	164	18.3
Z12-4F2	**W1350194**	423.00	423.46	0.46	graphitic brecciated syenitic gneiss, trace pyrite	27.1	0.7	< 0.1	1	0.1	< 0.1	466	19.9	39.6	4.3
Z12-4F2	**W1350195**	423.46	424.46	1.00	graphitic brecciated syenitic gneiss, trace pyrite	19.5	0.6	< 0.1	< 1	< 0.1	< 0.1	580	13.9	27.8	3.2
Z12-4F2	**W1350196**	424.46	425.18	0.72	graphitic brecciated syenitic gneiss, trace pyrite	20	1.2	< 0.1	< 1	0.2	< 0.1	583	18.9	37.8	4.1
Z12-4F2	**W1350197**	425.18	426.11	0.93	graphitic brecciated syenitic gneiss, trace pyrite	14.1	0.9	< 0.1	2	< 0.1	0.4	716	19.1	38.6	4.4
Z12-4F2	**W1350198**	426.11	426.92	0.81	graphitic brecciated syenitic gneiss, trace pyrite	13.3	2	< 0.1	< 1	0.1	< 0.1	653	17.6	35.4	4.1
Z12-4F2	**W1350199**	426.92	429.00	2.08	graphitic overprinted syenitic gneiss, trace pyrite	155	4.4	< 0.1	2	0.1	< 0.1	135	141	277	30.5
Z12-4F2	**W1350200**	**429.00**	**QC**		**M760121 Pulp: REE/C Blank**	450	4.9	< 0.1	3	0.5	0.3	> 6000	137	256	27.1
Z12-4F2	**W1350201**	429.00	431.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	72.3	2.5	< 0.1	1	< 0.1	< 0.1	3	93.7	106	203
Z12-4F2	**W1350202**	431.00	432.34	1.34	graphitic overprinted syenitic gneiss, trace pyrite	115	4	< 0.1	3	< 0.1	< 0.1	109	49.7	100	10.9
Z12-4F2	**W1350203**	432.34	433.26	0.92	graphitic brecciated syenitic gneiss, trace pyrite	17.3	2.9	< 0.1	1	< 0.1	0.1	495	19.2	39.7	4.4
Z12-4F2	**W1350204**	433.26	435.50	2.24	graphitic overprinted syenitic gneiss, trace pyrite	72.2	13.7	< 0.1	3	0.1	< 0.1	147	104	201	21.6
Z12-4F2	**W1350205**	435.50	438.00	2.50	graphitic overprinted syenitic gneiss, trace pyrite	121	2.9	< 0.1	3	0.2	< 0.1	59	113	223	24.8
Z12-4F2	**W1350206**	438.00	438.82	0.82	graphitic brecciated syenitic gneiss, trace pyrite	27.7	0.9	< 0.1	1	< 0.1	< 0.1	622	25.3	49.5	5.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr
Z12-4F2	**W1350207**	438.82	439.89	1.07	graphitic brecciated syenitic gneiss, trace pyrite	15.6	0.9	< 0.1	< 1	< 0.1	< 0.1	721	17.3	35	4
Z12-4F2	**W1350208**	439.89	442.00	2.11	syenite,trace pyrite	13	0.6	< 0.1	1	< 0.1	< 0.1	1030	14.4	31.2	3.6
Z12-4F2	**W1350209**	442.00	444.00	2.00	syenite,trace pyrite	14.4	1	< 0.1	1	< 0.1	< 0.1	454	17.4	36.1	4.1
					EOH										

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Z12-4F2	**W1350001**	47.09	48.19	1.10	Paleozoic cover	15.8	2.8	2.5	0.4	2.1	123	< 0.1	0.2	1.2	0.2
Z12-4F2	**W1350002**	48.19	50.00	1.81	Faulted diorite, red weathered, trace pyrite	21.4	4.1	3.9	0.6	4	229	0.3	0.4	2.2	0.3
Z12-4F2	**W1350003**	50.00	52.00	2.00	Faulted diorite, red weathered, trace pyrite	20.8	4.5	4.6	0.7	4.4	60.7	0.3	0.4	2.4	0.4
Z12-4F2	**W1350004**	52.00	54.00	2.00	Diorite, trace pyrite	13.2	3.2	3.8	0.7	4.3	159	0.3	0.4	2.1	0.3
Z12-4F2	**W1350005**	54.00	56.00	2.00	Diorite, trace pyrite	16.6	4	4.9	0.8	4.8	178	0.4	0.5	2.7	0.4
Z12-4F2	**W1350006**	56.00	58.00	2.00	Diorite, trace pyrite	12.7	3.3	4.2	0.7	4.7	156	0.4	0.4	2.5	0.4
Z12-4F2	**W1350007**	58.00	60.00	2.00	Diorite, trace pyrite	26.8	5.5	6	0.9	5.3	179	0.4	0.5	2.7	0.4
Z12-4F2	**W1350008**	60.00	62.00	2.00	Diorite, trace pyrite	23.3	4.9	5.2	0.8	5.2	132	0.5	0.5	2.7	0.4
Z12-4F2	**W1350009**	62.00	64.00	2.00	Diorite, aplite dyke, trace pyrite	26	5.1	5.8	0.9	5.7	157	0.3	0.5	2.9	0.4
Z12-4F2	**W1350010**	64.00	66.00	2.00	Diorite, trace pyrite	14	3.7	4.5	0.7	4.8	153	0.2	0.5	2.8	0.4
Z12-4F2	**W1350011**	66.00	68.00	2.00	Diorite, trace pyrite	22.1	4.8	5.3	0.8	5.2	119	0.2	0.4	2.5	0.4
Z12-4F2	**W1350012**	68.00	70.00	2.00	Diorite, trace pyrite	15.3	3.6	4.5	0.8	4.9	170	0.3	0.4	2.5	0.4
Z12-4F2	**W1350013**	70.00	72.00	2.00	Diorite, trace pyrite	16.7	4	4.7	0.8	5	150	0.4	0.5	2.6	0.4
Z12-4F2	**W1350014**	72.00	74.00	2.00	Diorite, trace pyrite	17.7	4.1	4.6	0.8	4.8	165	0.3	0.5	2.7	0.4
Z12-4F2	**W1350015**	74.00	76.00	2.00	Diorite, trace pyrite	16	3.8	4.8	0.8	4.9	175	0.3	0.4	2.6	0.4
Z12-4F2	**W1350016**	76.00	78.00	2.00	Diorite, trace pyrite	18.3	4	4.4	0.7	4.8	158	0.2	0.5	2.5	0.4
Z12-4F2	**W1350017**	78.00	80.00	2.00	Diorite, trace pyrite	22.6	5.2	5.8	0.9	5.5	142	0.3	0.5	2.7	0.4
Z12-4F2	**W1350018**	80.00	82.00	2.00	Diorite, trace pyrite	16.4	4	4.5	0.7	4.9	165	0.4	0.5	2.7	0.4
Z12-4F2	**W1350019**	82.00	84.00	2.00	Diorite, trace pyrite	14.4	3.7	4.7	0.8	5	157	0.4	0.4	2.6	0.4
Z12-4F2	**W1350020**	84.00	86.00	2.00	Diorite, trace pyrite	27.7	5.7	6	0.9	5.5	174	0.2	0.5	2.9	0.4
Z12-4F2	**W1350021**	86.00	88.00	2.00	Diorite, trace pyrite	21.3	4.8	5.6	0.9	5.8	172	0.3	0.5	2.9	0.4
Z12-4F2	**W1350022**	88.00	90.00	2.00	Diorite, trace pyrite	17	4.2	4.9	0.8	5.3	198	0.3	0.5	3	0.5
Z12-4F2	**W1350023**	90.00	92.00	2.00	Diorite, trace pyrite	14.5	3.8	5	0.8	5	153	0.4	0.5	2.8	0.4
Z12-4F2	**W1350024**	92.00	94.00	2.00	Diorite, trace pyrite	20.1	4.4	5.3	0.8	5.3	138	0.4	0.5	2.6	0.4
Z12-4F2	**W1350025**	**94.00**	**QC**		**J600090 Pulp 4.1% C (med)**	16.1	2.8	2.6	0.4	2.4	12.2	0.1	0.2	1.1	0.2
Z12-4F2	**W1350026**	94.00	96.00	2.00	Diorite, trace pyrite	29	6.1	6.2	1	6.3	185	0.5	0.6	3.4	0.5
Z12-4F2	**W1350027**	96.00	98.00	2.00	Diorite, trace pyrite	18.9	4.6	5.5	0.9	5.8	175	0.4	0.5	3.1	0.5
Z12-4F2	**W1350028**	98.00	100.00	2.00	Faulted diorite, trace pyrite	18	4.3	4.7	0.8	4.8	186	0.4	0.4	2.6	0.4
Z12-4F2	**W1350029**	100.00	102.00	2.00	Diorite, trace pyrite	16.8	4.1	4.9	0.8	5.4	186	0.5	0.5	2.9	0.4
Z12-4F2	**W1350030**	102.00	104.00	2.00	Diorite, trace pyrite	3.3	13.9	1.3	5	0.8	183	0.4	3.3	0.5	3.1
Z12-4F2	**W1350031**	104.00	106.00	2.00	Diorite, trace pyrite	22.4	5.2	5.6	0.9	5.7	166	0.3	0.5	3.2	0.5
Z12-4F2	**W1350032**	106.00	108.00	2.00	Faulted diorite, trace pyrite	16.7	4	4.8	0.8	5.2	178	0.2	0.5	2.7	0.4
Z12-4F2	**W1350033**	108.00	110.00	2.00	Faulted diorite, trace pyrite	15.8	4.1	4.9	0.8	5.3	172	0.5	0.5	3.2	0.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Z12-4F2	**W1350034**	110.00	112.00	2.00	Diorite, trace pyrite	26.9	5.9	6.6	1	6.2	163	0.5	0.5	2.9	0.4
Z12-4F2	**W1350035**	112.00	114.00	2.00	Diorite, trace pyrite	23.6	5.2	5.6	0.9	5.8	165	0.5	0.5	3.1	0.5
Z12-4F2	**W1350036**	114.00	116.00	2.00	Diorite, trace pyrite	14.9	3.9	4.4	0.8	5	170	0.4	0.5	2.8	0.4
Z12-4F2	**W1350037**	116.00	118.00	2.00	Diorite, trace pyrite	35.7	7.2	7.7	1.2	7.1	147	0.4	0.6	3.6	0.6
Z12-4F2	**W1350038**	118.00	120.00	2.00	Diorite, trace pyrite	15.3	3.6	4.2	0.8	4.6	159	0.3	0.4	2.6	0.5
Z12-4F2	**W1350039**	120.00	122.00	2.00	Diorite, trace pyrite	16.6	4.2	5	0.9	5.3	148	0.2	0.4	2.7	0.4
Z12-4F2	**W1350040**	122.00	124.00	2.00	Diorite, trace pyrite	18.2	4.6	5.3	0.8	5.3	162	0.3	0.5	3.2	0.5
Z12-4F2	**W1350041**	124.00	126.00	2.00	Diorite, trace pyrite	24.9	5.5	6.1	1	6.3	149	0.3	0.5	3	0.4
Z12-4F2	**W1350042**	126.00	128.00	2.00	Diorite, trace pyrite	22.3	5.3	5.5	0.9	5.7	184	0.4	0.5	3.2	0.5
Z12-4F2	**W1350043**	128.00	130.00	2.00	Diorite, trace pyrite	17.4	4.4	5.4	0.9	5.6	147	0.5	0.5	3.2	0.5
Z12-4F2	**W1350044**	130.00	132.00	2.00	Diorite, trace pyrite	21.4	5	6	1	6.4	162	0.4	0.5	3.1	0.5
Z12-4F2	**W1350045**	132.00	134.00	2.00	Diorite, trace pyrite	64.8	11.7	9.9	1.5	8.9	95.6	0.5	0.9	5.2	0.8
Z12-4F2	**W1350046**	134.00	136.00	2.00	Diorite, trace pyrite	80	13.9	13.2	1.8	10.4	68.1	0.4	0.9	5.6	0.9
Z12-4F2	**W1350047**	136.00	138.00	2.00	Diorite, trace pyrite	17.8	4.4	5.3	0.9	5.8	182	0.4	0.6	3.4	0.5
Z12-4F2	**W1350048**	138.00	140.00	2.00	Diorite, trace pyrite	25	5.7	6.5	1	6.5	128	0.3	0.6	3.5	0.5
Z12-4F2	**W1350049**	140.00	142.00	2.00	Diorite, trace pyrite	26.9	6.2	7.4	1.2	7.3	131	0.3	0.6	3.7	0.6
Z12-4F2	**W1350050**	**142.00**	**QC**		**M760121 Pulp: REE/C Blank**	82.7	10.3	8.3	0.9	4.1	22.8	0.4	0.3	1.4	0.2
Z12-4F2	**W1350051**	142.00	144.00	2.00	Diorite, trace pyrite	5.4	23.1	2	7.9	1.3	141	0.3	4.9	0.7	4.6
Z12-4F2	**W1350052**	144.00	146.00	2.00	Diorite, trace pyrite	25.2	6.2	7.4	1.2	7.7	151	0.4	0.7	4	0.6
Z12-4F2	**W1350053**	146.00	148.00	2.00	Diorite, trace pyrite	24.6	5.8	6.8	1.1	6.5	140	0.3	0.6	3.5	0.6
Z12-4F2	**W1350054**	148.00	150.00	2.00	Diorite, trace pyrite	23.3	6	7.3	1.2	7.3	144	0.4	0.7	4.3	0.7
Z12-4F2	**W1350055**	150.00	152.00	2.00	Diorite, trace pyrite	32	7.1	7.6	1.2	7.6	163	0.3	0.7	4.5	0.7
Z12-4F2	**W1350056**	152.00	154.00	2.00	Faulted diorite, trace pyrite	22.8	5.6	6.5	1.1	6.8	128	0.4	0.7	4.1	0.6
Z12-4F2	**W1350057**	154.00	156.00	2.00	Faulted diorite, trace pyrite	14.4	3.8	4.8	0.8	5.1	197	0.3	0.4	2.7	0.4
Z12-4F2	**W1350058**	156.00	158.00	2.00	Faulted diorite, trace pyrite	16.8	4.3	5.3	0.9	5.8	175	0.2	0.5	3	0.4
Z12-4F2	**W1350059**	158.00	160.00	2.00	Faulted diorite, trace pyrite	20.2	4.7	5.2	0.9	5.6	179	1.1	0.6	3.3	0.5
Z12-4F2	**W1350060**	160.00	162.00	2.00	Faulted diorite, trace pyrite	3.4	14.3	1.4	5	0.8	193	0.2	3.3	0.5	3.1
Z12-4F2	**W1350061**	162.00	164.00	2.00	Faulted diorite, trace pyrite	16.8	4.2	4.9	0.8	4.9	139	0.2	0.5	2.8	0.4
Z12-4F2	**W1350062**	164.00	166.00	2.00	Faulted diorite, trace pyrite	17.5	4.3	5.1	0.9	5.4	115	0.4	0.5	3	0.5
Z12-4F2	**W1350063**	166.00	168.00	2.00	Diorite, trace pyrite	21.5	4.9	5.5	0.9	5.5	169	0.4	0.5	3.2	0.5
Z12-4F2	**W1350064**	168.00	170.00	2.00	Diorite, trace pyrite	18.5	4.3	5	0.8	4.9	133	0.4	0.4	2.9	0.4
Z12-4F2	**W1350065**	170.00	172.00	2.00	Diorite, trace pyrite	20.2	4.6	5.6	0.9	5.8	154	0.4	0.5	2.9	0.4
Z12-4F2	**W1350066**	172.00	174.00	2.00	Diorite, trace pyrite	17	4.1	4.8	0.8	5.3	171	0.2	0.5	3	0.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Z12-4F2	**W1350067**	174.00	176.00	2.00	Diorite, trace pyrite	14.8	3.7	4.9	0.8	5.4	151	0.3	0.5	2.9	0.4
Z12-4F2	**W1350068**	176.00	178.00	2.00	Diorite, trace pyrite	16.7	4.4	5.3	0.9	5.6	180	0.5	0.6	3.5	0.5
Z12-4F2	**W1350069**	178.00	179.33	1.33	Diorite, trace pyrite	32.8	5.8	6.4	1	5.9	128	0.3	0.5	3	0.5
Z12-4F2	**W1350070**	179.33	187.02	7.69	Diorite, trace pyrite	22.7	5.6	6.1	1	6.3	95.9	0.3	0.6	4.1	0.6
Z12-4F2	**W1350071**	187.02	201.20	14.18	Faulted diorite, intense fault zone, considerable core loss, trace pyrite	990	> 100	90.7	7.5	27.7	80.8	2.2	1	4.7	0.6
Z12-4F2	**W1350072**	201.20	203.00	1.80	graphiticbreccia vein, graphitic overprinted syenite, trace pyrite	28.4	4.7	4.1	0.6	3.2	13	0.3	0.3	1.8	0.3
Z12-4F2	**W1350073**	203.00	205.00	2.00	graphitic overprinted syenite, trace pyrite	21.7	3.5	3.1	0.4	2	11.7	0.1	0.2	1	0.1
Z12-4F2	**W1350074**	205.00	207.00	2.00	graphitic overprinted syenite, trace pyrite	20.5	4.1	5.8	1.2	7.6	3.3	0.2	0.4	2.2	0.3
Z12-4F2	**W1350075**	**207.00**	**QC**		**J600100 Pulp: 10% C (high)**	14.2	2.3	2.1	0.3	1.6	12.6	0.1	0.1	0.8	0.1
Z12-4F2	**W1350076**	207.00	209.00	2.00	graphitic overprinted syenite, trace pyrite	27.3	3.9	3.3	0.4	1.8	6.5	< 0.1	0.1	0.8	0.1
Z12-4F2	**W1350077**	209.00	211.00	2.00	graphitic overprinted syenite, trace pyrite	14.1	2.1	1.8	0.2	1.2	6.2	< 0.1	0.1	0.7	< 0.1
Z12-4F2	**W1350078**	211.00	213.00	2.00	graphitic overprinted syenite, trace pyrite	8.9	1.4	1.3	0.2	1.1	7.7	< 0.1	< 0.1	0.7	0.1
Z12-4F2	**W1350079**	213.00	215.00	2.00	graphitic overprinted syenite, trace pyrite	15.7	2.6	2.3	0.3	1.9	17.7	< 0.1	0.1	0.8	0.1
Z12-4F2	**W1350080**	215.00	217.00	2.00	graphitic overprinted syenite, trace pyrite	30.5	5	4.3	0.5	2.5	9.5	0.1	0.2	1	0.1
Z12-4F2	**W1350081**	217.00	217.89	0.89	graphitic overprinted syenite, graphitic breccia vein, trace pyrite	16.7	3	3.2	0.5	3.1	30.5	0.1	0.2	1.1	0.1
Z12-4F2	**W1350082**	217.89	220.19	2.30	graphitic overprinted syenite, trace pyrite	138	22.7	17.5	1.9	8.8	190	0.8	0.5	2.9	0.4
Z12-4F2	**W1350083**	220.19	231.00	10.81	graphitic overprinted syenite, trace pyrite	33.5	6.5	6	1	6.3	12.5	< 0.1	0.6	4	0.6
Z12-4F2	**W1350084**	231.00	237.79	6.79	graphitic overprinted syenite, trace pyrite	59.6	10.3	7.7	1	5.4	11.8	0.2	0.4	2.7	0.4
Z12-4F2	**W1350085**	237.79	239.00	1.21	graphitic overprinted syenite, trace pyrite	10.4	2.6	3	0.5	3	9	< 0.1	0.2	1.3	0.2
Z12-4F2	**W1350086**	239.00	241.00	2.00	graphitic overprinted syenite, trace pyrite	8.5	2.1	2.6	0.5	2.9	8.1	< 0.1	0.2	1.3	0.2
Z12-4F2	**W1350087**	241.00	243.00	2.00	graphitic overprinted syenite, trace pyrite	7.3	1.4	1.5	0.2	1.4	3.7	< 0.1	0.1	0.9	0.1
Z12-4F2	**W1350088**	243.00	245.00	2.00	graphitic overprinted syenite, trace pyrite	11.2	2.2	2.1	0.3	1.7	4.7	< 0.1	0.2	1.1	0.2
Z12-4F2	**W1350089**	245.00	247.00	2.00	graphitic overprinted syenite, trace pyrite	10.9	2.2	2.2	0.3	2.2	6.4	< 0.1	0.2	1.3	0.2
Z12-4F2	**W1350090**	247.00	249.00	2.00	graphitic overprinted syenite, trace pyrite	2.3	7.4	0.4	1.5	0.2	4	< 0.1	1.1	0.2	1.2
Z12-4F2	**W1350091**	249.00	251.00	2.00	graphitic overprinted syenite, trace pyrite	19.1	3.4	3.3	0.5	3.2	19.9	0.1	0.3	2	0.3
Z12-4F2	**W1350092**	251.00	253.00	2.00	graphitic overprinted syenite, trace pyrite	13.6	2.6	2.3	0.4	2.4	10.8	0.2	0.2	1.5	0.2
Z12-4F2	**W1350093**	253.00	255.00	2.00	graphitic overprinted syenite, trace pyrite	9.8	1.8	1.7	0.3	1.6	9	< 0.1	0.1	0.9	0.1
Z12-4F2	**W1350094**	255.00	257.00	2.00	graphitic overprinted syenite, trace pyrite	27.9	4.8	3.9	0.5	2.8	4.8	< 0.1	0.3	1.6	0.2
Z12-4F2	**W1350095**	257.00	259.00	2.00	graphitic overprinted syenite, trace pyrite	21.5	4.1	3.2	0.4	2	6.3	0.1	0.1	0.8	0.1
Z12-4F2	**W1350096**	259.00	261.00	2.00	graphitic overprinted syenite, trace pyrite	13.5	2.6	2.1	0.3	1.5	11.1	< 0.1	0.1	0.8	0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Z12-4F2	**W1350097**	261.00	263.00	2.00	graphitic overprinted syenite, trace pyrite	8.3	1.6	1.7	0.3	1.5	8	< 0.1	0.1	0.8	0.1
Z12-4F2	**W1350098**	263.00	265.00	2.00	graphitic overprinted syenite, trace pyrite	13.8	2.5	2.2	0.3	1.7	15.3	< 0.1	0.1	0.8	0.1
Z12-4F2	**W1350099**	265.00	267.00	2.00	graphitic overprinted syenite, trace pyrite	38.3	7.9	6.4	0.8	3.9	12.5	0.1	0.2	1.3	0.2
Z12-4F2	**W1350100**	**267.00**	**QC**		**M760121 Pulp: REE/C Blank**	79	9.4	6.5	0.7	3.7	25.2	0.4	0.2	1.3	0.2
Z12-4F2	**W1350101**	267.00	269.00	2.00	graphitic overprinted syenite, trace pyrite	6.1	20.1	0.7	3.1	0.4	35.5	0.1	1	0.2	0.9
Z12-4F2	**W1350102**	269.00	271.00	2.00	graphitic overprinted syenite, trace pyrite	16	4	4.4	0.6	3.2	8.7	0.1	0.2	0.9	0.1
Z12-4F2	**W1350103**	271.00	273.00	2.00	graphitic overprinted syenite, trace pyrite	8.7	1.8	1.8	0.3	1.9	8.6	0.1	0.1	0.7	< 0.1
Z12-4F2	**W1350104**	273.00	275.00	2.00	graphitic overprinted syenite, trace pyrite	12.3	2.6	3.1	0.6	3.2	6	< 0.1	0.2	1	0.1
Z12-4F2	**W1350105**	275.00	277.00	2.00	graphitic overprinted syenite, trace pyrite	23	7.1	11.5	2.3	14.1	5.4	0.2	0.7	3.7	0.5
Z12-4F2	**W1350106**	277.00	279.00	2.00	graphitic overprinted syenite, trace pyrite	11.4	2.3	2.3	0.4	2	4.2	< 0.1	0.1	0.8	0.1
Z12-4F2	**W1350107**	279.00	280.89	1.89	graphitic overprinted syenite, trace pyrite	10.3	1.6	1.3	0.2	1.1	8.9	< 0.1	< 0.1	0.5	< 0.1
Z12-4F2	**W1350108**	280.89	281.98	1.09	graphitic brecciated syenitic gneiss, trace pyrite	11.5	2.1	2	0.3	1.7	18.3	0.1	0.2	1	0.1
Z12-4F2	**W1350109**	281.98	283.11	1.13	graphitic brecciated syenitic gneiss, trace pyrite	16.7	3	2.8	0.4	2.3	8.2	0.1	0.2	1	0.1
Z12-4F2	**W1350110**	283.11	284.25	1.14	graphitic brecciated syenitic gneiss, lump inside, trace pyrite	18	2.8	2.2	0.3	1.7	21.1	0.2	0.2	1	0.1
Z12-4F2	**W1350111**	284.25	286.00	1.75	graphitic overprinted syenite, trace pyrite	56.2	10.7	9.4	1.1	4.7	10.8	0.2	0.2	1.1	0.1
Z12-4F2	**W1350112**	286.00	288.00	2.00	graphitic overprinted syenite, trace pyrite	22.4	3.9	3.1	0.4	1.5	6.9	0.2	< 0.1	0.6	< 0.1
Z12-4F2	**W1350113**	288.00	290.00	2.00	graphitic overprinted syenite, trace pyrite	39.3	8.5	8.2	1	4.2	4.8	0.2	0.2	1.1	0.2
Z12-4F2	**W1350114**	290.00	292.00	2.00	graphitic overprinted syenite, trace pyrite	17.9	3.8	3.9	0.5	2.6	7.5	0.2	0.2	1	0.1
Z12-4F2	**W1350115**	292.00	295.00	3.00	graphitic overprinted syenite, trace pyrite	14.4	2.7	2.4	0.4	2.3	13.3	< 0.1	0.2	1.1	0.2
Z12-4F2	**W1350116**	295.00	297.00	2.00	mafic dyke, trace pyrite	43	6.9	6.8	1	6.3	131	0.4	0.6	3.7	0.5
Z12-4F2	**W1350117**	297.00	299.11	2.11	mafic dyke, trace pyrite	18.6	4.8	5.8	1	5.9	148	0.3	0.5	3	0.5
Z12-4F2	**W1350118**	299.11	302.55	3.44	mafic dyke, trace pyrite	17.6	4.1	4.7	0.8	5.3	175	0.3	0.5	3.1	0.4
Z12-4F2	**W1350119**	302.55	305.00	2.45	mafic dyke, trace pyrite	82.3	12.7	10.8	1.5	8.4	32.3	0.4	0.7	4.4	0.6
Z12-4F2	**W1350120**	305.00	307.00	2.00	mafic dyke, trace pyrite	3.7	15	1.3	4.8	0.8	181	0.4	3.3	0.5	3.1
Z12-4F2	**W1350121**	307.00	310.93	3.93	mafic dyke, trace pyrite	22.2	4.8	5.7	1	6.2	130	0.4	0.6	3.3	0.5
Z12-4F2	**W1350122**	310.93	313.00	2.07	syenitic gneiss, trace pyrite	41.4	7.3	5.9	0.8	4.7	25.1	0.3	0.4	2.1	0.3
Z12-4F2	**W1350123**	313.00	315.00	2.00	syenitic gneiss, trace pyrite	118	17.3	13.4	1.5	7.1	10.2	0.4	0.4	2.4	0.4
Z12-4F2	**W1350124**	315.00	317.00	2.00	syenitic gneiss, strong fracture, trace pyrite	346	46.6	28.2	2.7	11.5	7	0.8	0.6	3.4	0.6
Z12-4F2	**W1350125**	**317.00**	**QC**		**J600090 Pulp 4.1% C (med)**	15.1	2.6	2.6	0.4	2.4	18.5	0.1	0.2	1	0.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Z12-4F2	**W1350126**	317.00	319.00	2.00	syenitic gneiss, biotite chlorite schist strong fracture, trace pyrite	68.9	11.6	10	1.2	6.4	20.5	0.3	0.5	2.8	0.4
Z12-4F2	**W1350127**	319.00	321.00	2.00	syenitic gneiss, strong fracture, trace pyrite	29.4	4.7	4	0.5	2.7	8.8	0.1	0.2	1	0.1
Z12-4F2	**W1350128**	321.00	323.00	2.00	syenitic gneiss, strong fracture, trace pyrite	60.2	9.5	7.2	1	5.7	9.3	0.2	0.5	2.9	0.4
Z12-4F2	**W1350129**	323.00	325.00	2.00	syenitic gneiss, strong fracture, trace pyrite	131	18.8	13.8	1.7	9.4	10.9	0.4	0.9	5.4	0.8
Z12-4F2	**W1350130**	325.00	327.00	2.00	syenitic gneiss, chlorite alteration, trace pyrite	102	14.5	11.7	1.5	8.2	5.8	0.6	0.7	4.1	0.7
Z12-4F2	**W1350131**	327.00	330.00	3.00	syenitic gneiss, strong fracture, trace pyrite	73.5	12	9.6	1.4	8	38.7	0.3	0.8	5	0.8
Z12-4F2	**W1350132**	330.00	333.00	3.00	syenitic gneiss, trace pyrite	69.8	10.5	8	1.1	6	33.3	0.3	0.6	3.5	0.5
Z12-4F2	**W1350133**	333.00	335.05	2.05	syenitic gneiss, strong fracture, trace pyrite	88.2	14.4	12.9	1.7	9.1	18.2	0.3	0.8	4.5	0.7
Z12-4F2	**W1350134**	335.05	337.00	1.95	syenitic gneiss, trace pyrite	99.8	14.9	10.9	1.4	7.8	7.3	0.5	0.8	4.5	0.7
Z12-4F2	**W1350135**	337.00	339.00	2.00	syenitic gneiss, trace pyrite	73	11.2	9.7	1.3	7.3	3.6	0.5	0.6	3.5	0.5
Z12-4F2	**W1350136**	339.00	341.00	2.00	syenitic gneiss, trace pyrite	89.7	13.7	11.2	1.4	7.3	5.4	0.4	0.7	4	0.7
Z12-4F2	**W1350137**	341.00	343.00	2.00	syenitic gneiss, moderate fracture, trace pyrite	73	11.5	8.9	1.2	7	6	0.7	0.6	3.3	0.5
Z12-4F2	**W1350138**	343.00	345.00	2.00	syenitic gneiss, trace pyrite	80.4	13	10.3	1.3	7.3	5.2	0.5	0.7	3.8	0.6
Z12-4F2	**W1350139**	345.00	347.00	2.00	syenitic gneiss, trace pyrite	67.4	11	9.5	1.2	6.6	5	0.7	0.6	3.6	0.6
Z12-4F2	**W1350140**	347.00	349.00	2.00	syenitic gneiss, trace pyrite	69.8	10.8	9.6	1.3	7.3	4.6	0.8	0.7	3.8	0.6
Z12-4F2	**W1350141**	349.00	351.00	2.00	syenitic gneiss, trace pyrite	75.5	11.4	9	1.2	6.8	5.5	0.6	0.7	4	0.6
Z12-4F2	**W1350142**	351.00	353.00	2.00	syenitic gneiss, trace pyrite	83.9	13	11.4	1.4	8.3	9.7	0.3	0.8	4.6	0.7
Z12-4F2	**W1350143**	353.00	355.00	2.00	syenitic gneiss, trace pyrite	93.8	14	11.1	1.4	8	7.1	0.4	0.8	4.9	0.8
Z12-4F2	**W1350144**	355.00	357.00	2.00	syenitic gneiss, trace pyrite	83	13	10.6	1.3	7.4	7.3	0.8	0.7	3.9	0.6
Z12-4F2	**W1350145**	357.00	359.00	2.00	syenitic gneiss, trace pyrite	41.7	7.2	7	1	5.4	3.8	0.3	0.5	2.7	0.4
Z12-4F2	**W1350146**	359.00	361.00	2.00	syenitic gneiss, trace pyrite	76.2	12.1	9.8	1.2	6.9	4.6	0.5	0.6	3.9	0.6
Z12-4F2	**W1350147**	361.00	363.00	2.00	syenitic gneiss, trace pyrite	72	10.9	8.8	1.2	6.7	4.9	0.5	0.6	3.4	0.5
Z12-4F2	**W1350148**	363.00	365.00	2.00	syenitic gneiss, trace pyrite	86.4	13.7	11.8	1.5	8	6.4	0.5	0.7	4	0.6
Z12-4F2	**W1350149**	365.00	367.00	2.00	syenitic gneiss, trace pyrite	71.8	10.9	9.3	1.2	6.8	3.2	0.7	0.6	3.2	0.5
Z12-4F2	**W1350150**	**367.00**	**QC**		**J600100 Pulp: 10% C (high)**	16.8	2.8	2.3	0.3	1.8	11	0.2	0.1	0.8	0.1
Z12-4F2	**W1350151**	367.00	369.00	2.00	syenitic gneiss, trace pyrite	23	78.7	1.2	10.9	1.4	2.5	0.7	4.1	0.6	4
Z12-4F2	**W1350152**	369.00	371.00	2.00	syenitic gneiss, trace pyrite	77.8	12.3	10.4	1.3	7	8.4	0.7	0.6	3.3	0.5
Z12-4F2	**W1350153**	371.00	373.00	2.00	syenitic gneiss, trace pyrite	93.5	11.6	8.4	1	5.5	44.3	0.4	0.5	3	0.4
Z12-4F2	**W1350154**	373.00	375.00	2.00	syenitic gneiss, biotite chlorite schist, trace pyrite	20.4	3	2.6	0.3	1.6	20.5	0.2	0.1	0.7	0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Z12-4F2	**W1350155**	375.00	377.00	2.00	syenitic gneiss, trace pyrite	39.4	5.6	4.2	0.5	3.1	32.1	0.3	0.3	1.7	0.3
Z12-4F2	**W1350156**	377.00	379.00	2.00	syenitic gneiss, trace pyrite	12.8	2	2	0.3	1.5	11.1	0.2	0.1	0.7	0.1
Z12-4F2	**W1350157**	379.00	380.27	1.27	syenitic gneiss, trace pyrite	22.6	3.7	3.3	0.4	2.4	13.7	0.2	0.2	0.8	< 0.1
Z12-4F2	**W1350158**	380.27	380.59	0.32	graphitic brecciated syenitic gneiss, trace pyrite	21.7	3.5	3.3	0.5	2.8	20	0.2	0.2	1.2	0.2
Z12-4F2	**W1350159**	380.59	381.10	0.51	graphitic brecciated syenitic gneiss, trace pyrite	19.2	3.6	3.5	0.5	2.6	11.4	0.2	0.2	0.9	0.1
Z12-4F2	**W1350160**	381.10	381.54	0.44	graphitic brecciated syenitic gneiss, trace pyrite	13.4	2.2	1.9	0.3	1.6	17.3	0.2	0.1	0.7	0.1
Z12-4F2	**W1350161**	381.54	382.91	1.37	graphitic brecciated syenitic gneiss, trace pyrite	14.3	2.2	1.9	0.2	1.3	17.5	0.2	< 0.1	0.5	< 0.1
Z12-4F2	**W1350162**	382.91	383.74	0.83	graphitic brecciated syenitic gneiss, trace pyrite	26.4	5.1	5	0.8	5	21.4	0.2	0.4	2.3	0.3
Z12-4F2	**W1350163**	383.74	384.30	0.56	graphitic brecciated syenitic gneiss, trace pyrite	21.6	4.4	4.3	0.7	4.2	8.8	0.2	0.4	2.2	0.3
Z12-4F2	**W1350164**	384.30	384.86	0.56	graphitic overprinted syenitic gneiss, trace pyrite	14.4	2.6	2.2	0.4	2.2	21.8	0.2	0.2	1	0.1
Z12-4F2	**W1350165**	384.86	386.69	1.83	graphitic overprinted syenitic gneiss, trace pyrite	21.8	4.1	3.6	0.5	2.9	6.9	0.2	0.2	1.3	0.2
Z12-4F2	**W1350166**	386.69	387.94	1.25	graphitic overprinted syenitic gneiss, trace pyrite	76.3	11.9	9.7	1.3	7.9	12.8	0.6	0.8	4.2	0.6
Z12-4F2	**W1350167**	387.94	389.00	1.06	graphitic overprinted syenitic gneiss, trace pyrite	13.4	2.5	2.4	0.4	2.2	12.2	0.3	0.2	1	0.1
Z12-4F2	**W1350168**	389.00	391.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	63	9.1	6.7	0.9	5.3	13.4	0.4	0.6	3.5	0.5
Z12-4F2	**W1350169**	391.00	392.42	1.42	graphitic overprinted syenitic gneiss, trace pyrite	23.6	4.4	4.3	0.7	3.8	7.1	0.4	0.4	2.1	0.3
Z12-4F2	**W1350170**	392.42	394.42	2.00	graphitic brecciated syenitic gneiss, trace pyrite	348	45.8	39	5.8	37.1	17.6	0.7	3.5	18.6	2.4
Z12-4F2	**W1350171**	394.42	395.05	0.63	graphitic brecciated syenitic gneiss, trace pyrite	16.5	2.9	2.3	0.3	2	21.8	0.3	0.1	0.8	0.1
Z12-4F2	**W1350172**	395.05	395.91	0.86	graphitic brecciated syenitic gneiss, trace pyrite	14.6	2.4	2.2	0.3	1.8	17.2	0.2	0.1	0.7	0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Z12-4F2	**W1350173**	395.91	398.55	2.64	graphitic brecciated syenitic gneiss, trace pyrite	13.9	2.4	2	0.3	1.9	19.4	0.2	0.1	0.8	0.1
Z12-4F2	**W1350174**	398.55	399.21	0.66	graphitic brecciated syenitic gneiss, trace pyrite	22.6	3.9	3.3	0.4	2.3	11.7	0.2	0.2	1	0.2
Z12-4F2	**W1350175**	**399.21**	**QC**		**J600090 Pulp 4.1% C (med)**	15	2.6	2.4	0.4	2.3	18.5	0.2	0.2	1.1	0.1
Z12-4F2	**W1350176**	399.21	401.00	1.79	graphitic brecciated syenitic gneiss, trace pyrite	19.2	3.6	3.3	0.5	3.1	14.9	0.3	0.2	1.3	0.2
Z12-4F2	**W1350177**	401.00	402.51	1.51	graphitic brecciated syenitic gneiss, trace pyrite	17.4	3	2.7	0.5	3.2	20.5	0.3	0.2	1.1	0.1
Z12-4F2	**W1350178**	402.51	403.31	0.80	graphitic brecciated syenitic gneiss, trace pyrite	11	1.9	1.9	0.3	1.7	23.7	0.2	0.1	0.8	0.1
Z12-4F2	**W1350179**	403.31	405.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	17.6	3.2	2.9	0.5	3.1	24.5	0.2	0.4	2.1	0.3
Z12-4F2	**W1350180**	405.00	406.71	1.71	graphitic brecciated syenitic gneiss, trace pyrite	5.1	16.9	0.8	3	0.5	19.4	0.2	1.5	0.2	1.3
Z12-4F2	**W1350181**	406.71	407.65	0.94	graphitic brecciated syenitic gneiss, trace pyrite	54.2	9	8.1	1.2	7.3	11.8	0.3	0.7	4.3	0.6
Z12-4F2	**W1350182**	407.65	408.63	0.98	graphitic brecciated syenitic gneiss, trace pyrite	49.2	7.9	6.5	1	5.6	10.1	0.5	0.5	2.9	0.4
Z12-4F2	**W1350183**	408.63	410.00	1.37	graphitic brecciated syenitic gneiss, trace pyrite	16.3	2.9	2.6	0.4	2.7	20.7	0.3	0.2	1.3	0.2
Z12-4F2	**W1350184**	410.00	412.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	16.1	3.1	3.8	0.8	5	17	0.2	0.3	1.6	0.2
Z12-4F2	**W1350185**	412.00	413.69	1.69	graphitic brecciated syenitic gneiss, trace pyrite	23.7	4.2	3.6	0.6	3.3	33.5	0.3	0.3	1.8	0.3
Z12-4F2	**W1350186**	413.69	414.35	0.66	graphitic brecciated syenitic gneiss, trace pyrite	11.8	2	1.7	0.3	1.4	12.7	0.2	0.1	0.7	< 0.1
Z12-4F2	**W1350187**	414.35	416.27	1.92	graphitic brecciated syenitic gneiss, trace pyrite	14.8	2.7	2.3	0.4	2.6	19.6	0.2	0.3	1.7	0.2
Z12-4F2	**W1350188**	416.27	416.73	0.46	graphitic brecciated syenitic gneiss, trace pyrite	24.7	4.5	4.7	0.8	5.3	8.2	0.3	0.6	2.9	0.4
Z12-4F2	**W1350189**	416.73	417.98	1.25	graphitic brecciated syenitic gneiss, trace pyrite	25.3	4.8	4.3	0.7	4.5	21.3	0.3	0.5	3.1	0.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Z12-4F2	**W1350190**	417.98	418.82	0.84	graphitic brecciated syenitic gneiss, trace pyrite	104	15.6	11.9	1.9	12.1	7	0.3	1.7	9.9	1.4
Z12-4F2	**W1350191**	418.82	419.40	0.58	graphitic brecciated syenitic gneiss, trace pyrite	14.8	2.7	2.7	0.4	2.8	18.5	0.3	0.3	1.6	0.2
Z12-4F2	**W1350192**	419.40	421.00	1.60	graphitic overprinted syenitic gneiss, trace pyrite	56.2	9	7.2	1	6.2	9.6	0.4	0.6	3.8	0.5
Z12-4F2	**W1350193**	421.00	423.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	63.9	9.9	7.8	1	5.9	7.1	0.8	0.6	3.3	0.5
Z12-4F2	**W1350194**	423.00	423.46	0.46	graphitic brecciated syenitic gneiss, trace pyrite	15.3	2.6	2.6	0.4	2.6	18.1	0.3	0.2	1.2	0.2
Z12-4F2	**W1350195**	423.46	424.46	1.00	graphitic brecciated syenitic gneiss, trace pyrite	11.9	2.3	2.1	0.3	2	13.1	0.2	0.2	1.1	0.2
Z12-4F2	**W1350196**	424.46	425.18	0.72	graphitic brecciated syenitic gneiss, trace pyrite	14.3	2.4	2.3	0.4	2.5	19.6	0.2	0.2	1	0.1
Z12-4F2	**W1350197**	425.18	426.11	0.93	graphitic brecciated syenitic gneiss, trace pyrite	15.9	2.9	2.5	0.3	1.9	13.8	0.2	0.2	1	0.1
Z12-4F2	**W1350198**	426.11	426.92	0.81	graphitic brecciated syenitic gneiss, trace pyrite	15.1	2.6	2.3	0.3	1.6	27	0.2	0.1	0.8	0.1
Z12-4F2	**W1350199**	426.92	429.00	2.08	graphitic overprinted syenitic gneiss, trace pyrite	106	16.8	12.2	1.6	9.5	5.3	0.8	0.9	5	0.7
Z12-4F2	**W1350200**	**429.00**	**QC**		**M760121 Pulp: REE/C Blank**	90.2	10.8	7.3	0.8	4.1	28.3	0.5	0.3	1.4	0.2
Z12-4F2	**W1350201**	429.00	431.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	23.4	77.5	1.1	10.9	1.5	4.7	0.7	5.3	0.8	5.1
Z12-4F2	**W1350202**	431.00	432.34	1.34	graphitic overprinted syenitic gneiss, trace pyrite	37.2	5.8	4.8	0.7	4.1	11.2	0.3	0.4	2.5	0.4
Z12-4F2	**W1350203**	432.34	433.26	0.92	graphitic brecciated syenitic gneiss, trace pyrite	15.6	2.9	2.5	0.4	2.2	21	0.2	0.3	1.5	0.2
Z12-4F2	**W1350204**	433.26	435.50	2.24	graphitic overprinted syenitic gneiss, trace pyrite	75.4	12	11	1.7	10.7	6.5	0.4	1	5.3	0.7
Z12-4F2	**W1350205**	435.50	438.00	2.50	graphitic overprinted syenitic gneiss, trace pyrite	85.3	13	9.3	1.2	7.2	6.3	0.9	0.7	4.2	0.6
Z12-4F2	**W1350206**	438.00	438.82	0.82	graphitic brecciated syenitic gneiss, trace pyrite	18.6	3.2	2.6	0.4	2	12.3	0.3	0.2	0.9	0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Z12-4F2	**W1350207**	438.82	439.89	1.07	graphitic brecciated syenitic gneiss, trace pyrite	14.4	2.4	1.9	0.3	1.5	11.2	0.3	0.1	0.8	0.1
Z12-4F2	**W1350208**	439.89	442.00	2.11	syenite,trace pyrite	13.6	2.6	2.3	0.3	2	10	0.3	0.2	0.8	0.1
Z12-4F2	**W1350209**	442.00	444.00	2.00	syenite,trace pyrite	14.7	2.6	2.2	0.3	1.8	9.8	0.3	0.2	1.1	0.2
					EOH										

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Ta	W	Re	Tl	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F2	**W1350001**	47.09	48.19	1.10	Paleozoic cover	0.3	0.7	0.003	0.63	14.3	4.5	1.9	3	< 5	< 5
Z12-4F2	**W1350002**	48.19	50.00	1.81	Faulted diorite, red weathered, trace pyrite	< 0.1	< 0.1	0.005	0.45	6.4	4.6	1.1	3	< 5	< 5
Z12-4F2	**W1350003**	50.00	52.00	2.00	Faulted diorite, red weathered, trace pyrite	< 0.1	< 0.1	0.001	0.32	4.6	3.3	0.5	3	< 5	< 5
Z12-4F2	**W1350004**	52.00	54.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.003	0.43	9.4	1.7	0.4	< 2	< 5	< 5
Z12-4F2	**W1350005**	54.00	56.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.006	0.53	13.1	2.7	0.6	3	< 5	< 5
Z12-4F2	**W1350006**	56.00	58.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.001	0.45	8	1.7	0.5	< 2	< 5	< 5
Z12-4F2	**W1350007**	58.00	60.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.006	0.43	12.8	4.2	0.8	< 2	< 5	< 5
Z12-4F2	**W1350008**	60.00	62.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.001	0.37	8.7	3.3	0.6	6	< 5	< 5
Z12-4F2	**W1350009**	62.00	64.00	2.00	Diorite, aplite dyke, trace pyrite	< 0.1	< 0.1	0.002	0.53	8.6	7.2	1.7	4	< 5	< 5
Z12-4F2	**W1350010**	64.00	66.00	2.00	Diorite, trace pyrite	0.3	0.9	< 0.001	0.53	9.6	1.9	0.5	< 2	< 5	< 5
Z12-4F2	**W1350011**	66.00	68.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.001	0.51	8.3	2.9	0.5	< 2	< 5	< 5
Z12-4F2	**W1350012**	68.00	70.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.006	0.36	8.6	2.1	0.5	15	< 5	< 5
Z12-4F2	**W1350013**	70.00	72.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.43	8.7	2.1	0.5	2	< 5	< 5
Z12-4F2	**W1350014**	72.00	74.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.003	0.51	7.9	2.2	0.4	3	< 5	< 5
Z12-4F2	**W1350015**	74.00	76.00	2.00	Diorite, trace pyrite	0.3	0.6	0.004	0.47	9.5	2.5	0.4	5	< 5	< 5
Z12-4F2	**W1350016**	76.00	78.00	2.00	Diorite, trace pyrite	0.3	0.6	0.002	0.42	9.2	2.2	0.5	6	< 5	< 5
Z12-4F2	**W1350017**	78.00	80.00	2.00	Diorite, trace pyrite	0.1	0.2	0.001	0.38	9.4	2.9	0.5	4	< 5	< 5
Z12-4F2	**W1350018**	80.00	82.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.003	0.38	12.1	2	0.5	< 2	< 5	< 5
Z12-4F2	**W1350019**	82.00	84.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.4	13.9	2	0.5	2	< 5	5
Z12-4F2	**W1350020**	84.00	86.00	2.00	Diorite, trace pyrite	0.3	0.9	0.004	0.44	11.5	4.7	0.6	2	< 5	< 5
Z12-4F2	**W1350021**	86.00	88.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.001	0.43	11.8	3.5	0.5	< 2	< 5	< 5
Z12-4F2	**W1350022**	88.00	90.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.002	0.52	13.9	2.4	0.5	< 2	< 5	< 5
Z12-4F2	**W1350023**	90.00	92.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.004	0.36	13	1.9	0.8	3	< 5	< 5
Z12-4F2	**W1350024**	92.00	94.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.48	8.1	3.3	0.5	< 2	< 5	< 5
Z12-4F2	**W1350025**	**94.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.9	0.4	< 0.001	0.49	14.5	8.4	2.7	< 2	< 5	< 5
Z12-4F2	**W1350026**	94.00	96.00	2.00	Diorite, trace pyrite	0.2	2.8	< 0.001	0.67	10.9	3.1	0.4	< 2	< 5	< 5
Z12-4F2	**W1350027**	96.00	98.00	2.00	Diorite, trace pyrite	0.2	0.4	0.003	0.48	13.7	2.4	0.5	3	< 5	< 5
Z12-4F2	**W1350028**	98.00	100.00	2.00	Faulted diorite, trace pyrite	1.3	0.4	< 0.001	0.48	9.9	2.6	0.5	2	< 5	< 5
Z12-4F2	**W1350029**	100.00	102.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.003	0.4	9	2.1	0.5	< 2	< 5	< 5
Z12-4F2	**W1350030**	102.00	104.00	2.00	Diorite, trace pyrite	2.9	0.3	0.997	< 0.05	< 0.5	< 0.1	3.1	< 2	< 5	< 5
Z12-4F2	**W1350031**	104.00	106.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.002	0.48	10.2	7.7	0.7	< 2	< 5	< 5
Z12-4F2	**W1350032**	106.00	108.00	2.00	Faulted diorite, trace pyrite	< 0.1	< 0.1	0.001	0.5	9.5	2.1	0.5	< 2	< 5	< 5
Z12-4F2	**W1350033**	108.00	110.00	2.00	Faulted diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.46	10	2.4	0.5	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Ta	W	Re	Tl	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F2	**W1350034**	110.00	112.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.39	7.9	3.6	0.6	< 2	< 5	< 5
Z12-4F2	**W1350035**	112.00	114.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.44	7.7	3.4	1	< 2	< 5	< 5
Z12-4F2	**W1350036**	114.00	116.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.004	0.37	10.5	2.1	0.5	< 2	< 5	< 5
Z12-4F2	**W1350037**	116.00	118.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.001	0.42	13.3	15	2.4	< 2	< 5	< 5
Z12-4F2	**W1350038**	118.00	120.00	2.00	Diorite, trace pyrite	0.3	0.7	0.001	0.39	9.9	1.9	0.4	2	< 5	< 5
Z12-4F2	**W1350039**	120.00	122.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.002	0.21	7	2.8	0.7	< 2	< 5	< 5
Z12-4F2	**W1350040**	122.00	124.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.004	0.34	9.4	2.6	0.5	< 2	< 5	< 5
Z12-4F2	**W1350041**	124.00	126.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.001	0.34	10	3.5	1.1	< 2	< 5	< 5
Z12-4F2	**W1350042**	126.00	128.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.3	9.6	2.6	0.5	< 2	< 5	< 5
Z12-4F2	**W1350043**	128.00	130.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.001	0.34	8.5	2.3	0.6	< 2	< 5	< 5
Z12-4F2	**W1350044**	130.00	132.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.007	0.49	13.3	3	0.7	3	< 5	< 5
Z12-4F2	**W1350045**	132.00	134.00	2.00	Diorite, trace pyrite	0.6	0.6	< 0.001	0.74	18.2	17.4	3.6	< 2	< 5	< 5
Z12-4F2	**W1350046**	134.00	136.00	2.00	Diorite, trace pyrite	5.1	3.8	< 0.001	0.75	17.9	31.2	5.5	< 2	< 5	< 5
Z12-4F2	**W1350047**	136.00	138.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.61	16.8	2.3	0.6	3	< 5	< 5
Z12-4F2	**W1350048**	138.00	140.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.46	19.8	3.1	0.7	2	< 5	< 5
Z12-4F2	**W1350049**	140.00	142.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.43	14.2	3.7	0.8	3	< 5	< 5
Z12-4F2	**W1350050**	**142.00**	**QC**		**M760121 Pulp: REE/C Blank**	5.2	0.3	0.001	0.29	7.4	13.8	3.7	< 2	< 5	< 5
Z12-4F2	**W1350051**	142.00	144.00	2.00	Diorite, trace pyrite	1.3	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	2.9	2	< 5	< 5
Z12-4F2	**W1350052**	144.00	146.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.005	0.45	12.9	3.3	0.8	< 2	< 5	< 5
Z12-4F2	**W1350053**	146.00	148.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.001	0.51	14.4	3.8	0.6	< 2	< 5	< 5
Z12-4F2	**W1350054**	148.00	150.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.006	0.42	14.2	3.1	0.7	< 2	< 5	< 5
Z12-4F2	**W1350055**	150.00	152.00	2.00	Diorite, trace pyrite	0.3	1.4	0.001	0.63	16.9	3.8	0.7	< 2	< 5	< 5
Z12-4F2	**W1350056**	152.00	154.00	2.00	Faulted diorite, trace pyrite	0.2	0.2	0.003	0.54	17.4	2.9	0.7	< 2	< 5	< 5
Z12-4F2	**W1350057**	154.00	156.00	2.00	Faulted diorite, trace pyrite	0.1	< 0.1	0.004	0.57	24.4	2.8	0.6	< 2	< 5	< 5
Z12-4F2	**W1350058**	156.00	158.00	2.00	Faulted diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.57	19.9	2.3	0.6	2	< 5	5
Z12-4F2	**W1350059**	158.00	160.00	2.00	Faulted diorite, trace pyrite	0.3	0.2	0.003	0.48	14.9	2.3	0.5	3	< 5	< 5
Z12-4F2	**W1350060**	160.00	162.00	2.00	Faulted diorite, trace pyrite	1.4	< 0.1	< 0.001	< 0.05	0.5	< 0.1	2.5	< 2	< 5	< 5
Z12-4F2	**W1350061**	162.00	164.00	2.00	Faulted diorite, trace pyrite	< 0.1	< 0.1	0.002	0.47	11	2.7	0.5	3	< 5	< 5
Z12-4F2	**W1350062**	164.00	166.00	2.00	Faulted diorite, trace pyrite	< 0.1	< 0.1	0.003	0.51	12.4	6	1.8	< 2	< 5	< 5
Z12-4F2	**W1350063**	166.00	168.00	2.00	Diorite, trace pyrite	0.2	0.3	0.003	0.39	12.6	3.3	0.5	< 2	< 5	< 5
Z12-4F2	**W1350064**	168.00	170.00	2.00	Diorite, trace pyrite	0.4	0.5	0.003	0.27	8.5	2.2	0.5	< 2	< 5	< 5
Z12-4F2	**W1350065**	170.00	172.00	2.00	Diorite, trace pyrite	0.3	0.4	0.004	0.26	7.1	3.2	0.5	< 2	< 5	< 5
Z12-4F2	**W1350066**	172.00	174.00	2.00	Diorite, trace pyrite	0.3	0.7	0.004	0.43	11.8	2.3	0.6	4	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Ta	W	Re	Tl	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F2	**W1350067**	174.00	176.00	2.00	Diorite, trace pyrite	< 0.1	< 0.1	0.002	0.41	11.1	2.2	0.5	< 2	< 5	< 5
Z12-4F2	**W1350068**	176.00	178.00	2.00	Diorite, trace pyrite	0.4	1.1	0.003	0.41	20.8	2	0.5	3	< 5	< 5
Z12-4F2	**W1350069**	178.00	179.33	1.33	Diorite, trace pyrite	< 0.1	< 0.1	< 0.001	0.51	16	2.4	0.9	< 2	< 5	< 5
Z12-4F2	**W1350070**	179.33	187.02	7.69	Diorite, trace pyrite	< 0.1	< 0.1	0.008	1.1	12.2	4.5	0.9	3	< 5	< 5
Z12-4F2	**W1350071**	187.02	201.20	14.18	Faulted diorite, intense fault zone, considerable core loss, trace pyrite	< 0.1	6.7	0.002	0.66	34.7	39.6	2.2	4	< 5	< 5
Z12-4F2	**W1350072**	201.20	203.00	1.80	graphiticbreccia vein, graphitic overprinted syenite, trace pyrite	0.8	2.1	< 0.001	0.57	16.6	23	1.8	< 2	< 5	< 5
Z12-4F2	**W1350073**	203.00	205.00	2.00	graphitic overprinted syenite, trace pyrite	0.4	1.4	< 0.001	0.53	36.7	14.2	1.5	< 2	< 5	< 5
Z12-4F2	**W1350074**	205.00	207.00	2.00	graphitic overprinted syenite, trace pyrite	0.3	1.1	< 0.001	0.47	12.7	29.4	5	< 2	< 5	< 5
Z12-4F2	**W1350075**	**207.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.7	0.4	< 0.001	0.25	10.5	7.7	1.9	< 2	< 5	< 5
Z12-4F2	**W1350076**	207.00	209.00	2.00	graphitic overprinted syenite, trace pyrite	0.4	1.7	< 0.001	0.49	16.8	9.9	1.2	3	< 5	< 5
Z12-4F2	**W1350077**	209.00	211.00	2.00	graphitic overprinted syenite, trace pyrite	0.6	0.8	< 0.001	0.58	14.9	6.9	1.8	< 2	< 5	< 5
Z12-4F2	**W1350078**	211.00	213.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	0.8	< 0.001	0.5	14.8	5.6	1.5	< 2	< 5	< 5
Z12-4F2	**W1350079**	213.00	215.00	2.00	graphitic overprinted syenite, trace pyrite	0.3	1.2	0.001	0.5	28.8	7.7	1.7	< 2	< 5	< 5
Z12-4F2	**W1350080**	215.00	217.00	2.00	graphitic overprinted syenite, trace pyrite	0.3	1.3	< 0.001	0.49	15.1	15.3	1.7	< 2	< 5	< 5
Z12-4F2	**W1350081**	217.00	217.89	0.89	graphitic overprinted syenite, graphitic breccia vein, trace pyrite	0.4	1.3	0.001	0.48	13.1	15.7	1.8	< 2	< 5	< 5
Z12-4F2	**W1350082**	217.89	220.19	2.30	graphitic overprinted syenite, trace pyrite	< 0.1	2.2	< 0.001	1.64	16	11.2	2.2	3	< 5	< 5
Z12-4F2	**W1350083**	220.19	231.00	10.81	graphitic overprinted syenite, trace pyrite	0.3	3.7	< 0.001	0.61	18.6	116	2.1	< 2	< 5	< 5
Z12-4F2	**W1350084**	231.00	237.79	6.79	graphitic overprinted syenite, trace pyrite	0.6	4.1	< 0.001	0.82	12.4	50.3	2.5	2	< 5	< 5
Z12-4F2	**W1350085**	237.79	239.00	1.21	graphitic overprinted syenite, trace pyrite	0.2	0.8	< 0.001	0.57	21.9	12.4	2.2	< 2	< 5	< 5
Z12-4F2	**W1350086**	239.00	241.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	0.8	0.001	0.56	40.2	8.3	2.6	< 2	< 5	< 5
Z12-4F2	**W1350087**	241.00	243.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	0.8	< 0.001	0.55	17	5.9	2.1	< 2	< 5	< 5
Z12-4F2	**W1350088**	243.00	245.00	2.00	graphitic overprinted syenite, trace pyrite	0.4	0.7	0.004	0.59	23	5.4	1.6	< 2	< 5	< 5
Z12-4F2	**W1350089**	245.00	247.00	2.00	graphitic overprinted syenite, trace pyrite	0.4	0.5	0.002	0.54	15.3	4.7	1.9	< 2	< 5	< 5
Z12-4F2	**W1350090**	247.00	249.00	2.00	graphitic overprinted syenite, trace pyrite	2.3	0.2	0.082	< 0.05	0.6	< 0.1	5.2	< 2	< 5	< 5
Z12-4F2	**W1350091**	249.00	251.00	2.00	graphitic overprinted syenite, trace pyrite	2.4	1.1	< 0.001	0.57	47.1	20.7	8.8	< 2	< 5	< 5
Z12-4F2	**W1350092**	251.00	253.00	2.00	graphitic overprinted syenite, trace pyrite	2.9	0.9	0.002	1.05	45	11.8	4.9	< 2	< 5	< 5
Z12-4F2	**W1350093**	253.00	255.00	2.00	graphitic overprinted syenite, trace pyrite	0.8	0.6	< 0.001	0.56	38.6	6	2.3	< 2	< 5	< 5
Z12-4F2	**W1350094**	255.00	257.00	2.00	graphitic overprinted syenite, trace pyrite	3.2	0.6	0.001	0.63	20.2	9.9	4.7	< 2	< 5	< 5
Z12-4F2	**W1350095**	257.00	259.00	2.00	graphitic overprinted syenite, trace pyrite	0.6	0.4	< 0.001	0.56	21.3	6.2	1.9	< 2	< 5	< 5
Z12-4F2	**W1350096**	259.00	261.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	0.5	0.002	0.61	21.3	6	1.3	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Ta	W	Re	Tl	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F2	**W1350097**	261.00	263.00	2.00	graphitic overprinted syenite, trace pyrite	0.4	0.5	< 0.001	0.58	21.8	5.6	1.4	< 2	< 5	< 5
Z12-4F2	**W1350098**	263.00	265.00	2.00	graphitic overprinted syenite, trace pyrite	0.9	0.7	0.001	0.78	19.7	7.8	3.7	< 2	< 5	< 5
Z12-4F2	**W1350099**	265.00	267.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	0.8	0.003	0.54	19.4	16.9	1.7	< 2	< 5	< 5
Z12-4F2	**W1350100**	**267.00**	**QC**		**M760121 Pulp: REE/C Blank**	2	< 0.1	0.004	0.28	6.4	12.6	3.1	< 2	< 5	< 5
Z12-4F2	**W1350101**	267.00	269.00	2.00	graphitic overprinted syenite, trace pyrite	2.4	0.3	0.564	< 0.05	0.6	< 0.1	10.3	< 2	< 5	< 5
Z12-4F2	**W1350102**	269.00	271.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	1.1	< 0.001	0.55	23.8	19.3	1.3	< 2	< 5	< 5
Z12-4F2	**W1350103**	271.00	273.00	2.00	graphitic overprinted syenite, trace pyrite	0.7	0.7	0.004	0.57	26.8	8.9	1.9	< 2	< 5	< 5
Z12-4F2	**W1350104**	273.00	275.00	2.00	graphitic overprinted syenite, trace pyrite	0.6	1	< 0.001	0.52	19.5	16.3	1.9	< 2	< 5	< 5
Z12-4F2	**W1350105**	275.00	277.00	2.00	graphitic overprinted syenite, trace pyrite	0.4	2.3	< 0.001	0.58	14	51.5	8.1	< 2	< 5	< 5
Z12-4F2	**W1350106**	277.00	279.00	2.00	graphitic overprinted syenite, trace pyrite	0.2	0.7	< 0.001	0.46	12.2	14.6	1.5	< 2	< 5	< 5
Z12-4F2	**W1350107**	279.00	280.89	1.89	graphitic overprinted syenite, trace pyrite	0.3	0.5	0.001	0.52	18.1	6.2	1.4	2	< 5	< 5
Z12-4F2	**W1350108**	280.89	281.98	1.09	graphitic brecciated syenitic gneiss, trace pyrite	1	0.3	0.001	0.69	14.2	5.4	1.9	< 2	< 5	< 5
Z12-4F2	**W1350109**	281.98	283.11	1.13	graphitic brecciated syenitic gneiss, trace pyrite	0.7	0.6	< 0.001	0.53	9.7	5.5	2.1	< 2	< 5	< 5
Z12-4F2	**W1350110**	283.11	284.25	1.14	graphitic brecciated syenitic gneiss, lump inside, trace pyrite	0.6	0.5	0.003	0.55	13.5	5.9	2.4	4	< 5	< 5
Z12-4F2	**W1350111**	284.25	286.00	1.75	graphitic overprinted syenite, trace pyrite	0.5	1.4	0.001	0.58	23.3	15.2	1.9	< 2	< 5	< 5
Z12-4F2	**W1350112**	286.00	288.00	2.00	graphitic overprinted syenite, trace pyrite	0.5	1	0.006	0.68	23.2	6.3	1.2	< 2	< 5	< 5
Z12-4F2	**W1350113**	288.00	290.00	2.00	graphitic overprinted syenite, trace pyrite	0.3	0.8	< 0.001	0.44	17	63.1	1.1	< 2	< 5	< 5
Z12-4F2	**W1350114**	290.00	292.00	2.00	graphitic overprinted syenite, trace pyrite	0.3	0.7	< 0.001	0.41	12.5	10.3	1.1	< 2	< 5	< 5
Z12-4F2	**W1350115**	292.00	295.00	3.00	graphitic overprinted syenite, trace pyrite	0.3	0.8	0.003	0.6	14	7	1.4	< 2	< 5	< 5
Z12-4F2	**W1350116**	295.00	297.00	2.00	mafic dyke, trace pyrite	0.4	2	0.007	1.29	21.1	5.3	0.6	< 2	< 5	< 5
Z12-4F2	**W1350117**	297.00	299.11	2.11	mafic dyke, trace pyrite	< 0.1	< 0.1	0.004	1.01	22.2	11.1	1.4	3	< 5	< 5
Z12-4F2	**W1350118**	299.11	302.55	3.44	mafic dyke, trace pyrite	< 0.1	< 0.1	0.002	1.24	13.1	4.1	1	3	< 5	< 5
Z12-4F2	**W1350119**	302.55	305.00	2.45	mafic dyke, trace pyrite	5.5	1.7	< 0.001	0.7	11.7	45.9	9.7	< 2	< 5	< 5
Z12-4F2	**W1350120**	305.00	307.00	2.00	mafic dyke, trace pyrite	2.7	< 0.1	< 0.001	< 0.05	1	< 0.1	3.5	3	< 5	< 5
Z12-4F2	**W1350121**	307.00	310.93	3.93	mafic dyke, trace pyrite	0.2	0.7	0.001	1	17.3	5.3	1	< 2	< 5	< 5
Z12-4F2	**W1350122**	310.93	313.00	2.07	syenitic gneiss, trace pyrite	1.3	0.9	0.004	0.73	15.9	18.6	2.8	< 2	< 5	< 5
Z12-4F2	**W1350123**	313.00	315.00	2.00	syenitic gneiss, trace pyrite	0.8	2	0.001	0.54	13.4	16.1	2.3	< 2	< 5	< 5
Z12-4F2	**W1350124**	315.00	317.00	2.00	syenitic gneiss, strong fracture, trace pyrite	< 0.1	2.2	< 0.001	0.67	13	20.7	1.7	< 2	< 5	< 5
Z12-4F2	**W1350125**	**317.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.9	0.6	< 0.001	0.48	14.1	8.3	3.3	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Ta	W	Re	Tl	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F2	**W1350126**	317.00	319.00	2.00	syenitic gneiss, biotite chlorite schist strong fracture, trace pyrite	3.3	1.9	0.003	1.23	16	23.8	3.5	< 2	< 5	< 5
Z12-4F2	**W1350127**	319.00	321.00	2.00	syenitic gneiss, strong fracture, trace pyrite	0.2	0.7	< 0.001	0.54	19	10.6	1	< 2	< 5	< 5
Z12-4F2	**W1350128**	321.00	323.00	2.00	syenitic gneiss, strong fracture, trace pyrite	1.1	0.8	< 0.001	0.94	24.6	29.5	7.2	2	< 5	5
Z12-4F2	**W1350129**	323.00	325.00	2.00	syenitic gneiss, strong fracture, trace pyrite	4.3	2.3	0.002	1.05	29.9	46	10.8	< 2	< 5	< 5
Z12-4F2	**W1350130**	325.00	327.00	2.00	syenitic gneiss, chlorite alteration, trace pyrite	4.4	2.2	< 0.001	0.85	29.5	31.8	7.5	3	< 5	< 5
Z12-4F2	**W1350131**	327.00	330.00	3.00	syenitic gneiss, strong fracture, trace pyrite	6.6	3.2	< 0.001	1.37	45.9	28.1	6.6	< 2	< 5	< 5
Z12-4F2	**W1350132**	330.00	333.00	3.00	syenitic gneiss, trace pyrite	6	4.1	< 0.001	1.52	46.5	19.9	5.1	< 2	< 5	< 5
Z12-4F2	**W1350133**	333.00	335.05	2.05	syenitic gneiss, strong fracture, trace pyrite	6	2.8	< 0.001	1.17	31.9	29.2	5.9	< 2	< 5	< 5
Z12-4F2	**W1350134**	335.05	337.00	1.95	syenitic gneiss, trace pyrite	2.6	2.1	0.001	1.02	40.7	22.1	6.3	< 2	< 5	< 5
Z12-4F2	**W1350135**	337.00	339.00	2.00	syenitic gneiss, trace pyrite	6.1	2.8	< 0.001	0.69	36.4	18.2	5.8	< 2	< 5	< 5
Z12-4F2	**W1350136**	339.00	341.00	2.00	syenitic gneiss, trace pyrite	3.3	1.2	< 0.001	0.67	21.4	23.8	5.7	< 2	< 5	< 5
Z12-4F2	**W1350137**	341.00	343.00	2.00	syenitic gneiss, moderate fracture, trace pyrite	0.6	< 0.1	< 0.001	0.62	13.6	16.3	4.5	< 2	< 5	< 5
Z12-4F2	**W1350138**	343.00	345.00	2.00	syenitic gneiss, trace pyrite	0.8	< 0.1	< 0.001	0.63	17.3	20.7	4.9	< 2	< 5	< 5
Z12-4F2	**W1350139**	345.00	347.00	2.00	syenitic gneiss, trace pyrite	0.5	0.1	< 0.001	0.53	15.7	18.3	4.9	< 2	< 5	< 5
Z12-4F2	**W1350140**	347.00	349.00	2.00	syenitic gneiss, trace pyrite	2.7	0.8	< 0.001	0.65	19.4	24.9	6.2	< 2	< 5	< 5
Z12-4F2	**W1350141**	349.00	351.00	2.00	syenitic gneiss, trace pyrite	5.3	1.7	< 0.001	0.73	21.2	20.4	5.3	< 2	< 5	23
Z12-4F2	**W1350142**	351.00	353.00	2.00	syenitic gneiss, trace pyrite	6.7	1.8	< 0.001	0.75	22.4	26.8	6.9	< 2	< 5	< 5
Z12-4F2	**W1350143**	353.00	355.00	2.00	syenitic gneiss, trace pyrite	6.9	2.5	< 0.001	0.75	23.4	28.9	7.6	< 2	< 5	< 5
Z12-4F2	**W1350144**	355.00	357.00	2.00	syenitic gneiss, trace pyrite	3.3	< 0.1	< 0.001	0.63	19.7	22.9	5.5	< 2	< 5	< 5
Z12-4F2	**W1350145**	357.00	359.00	2.00	syenitic gneiss, trace pyrite	6	1.5	< 0.001	0.52	15.4	10.7	4.7	< 2	< 5	< 5
Z12-4F2	**W1350146**	359.00	361.00	2.00	syenitic gneiss, trace pyrite	3.3	1.1	< 0.001	0.65	23.1	20.9	6	< 2	< 5	< 5
Z12-4F2	**W1350147**	361.00	363.00	2.00	syenitic gneiss, trace pyrite	2.9	0.8	< 0.001	0.61	19.5	18.2	5.1	< 2	< 5	< 5
Z12-4F2	**W1350148**	363.00	365.00	2.00	syenitic gneiss, trace pyrite	2	1.1	< 0.001	0.7	34.6	17.5	4.5	< 2	< 5	< 5
Z12-4F2	**W1350149**	365.00	367.00	2.00	syenitic gneiss, trace pyrite	2.7	1.5	< 0.001	0.58	19.6	17.3	4.2	< 2	< 5	< 5
Z12-4F2	**W1350150**	**367.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.8	0.4	< 0.001	0.26	11.4	7.8	2.2	2	< 5	< 5
Z12-4F2	**W1350151**	367.00	369.00	2.00	syenitic gneiss, trace pyrite	6.8	1.3	1.27	< 0.05	0.8	< 0.1	20	< 2	< 5	< 5
Z12-4F2	**W1350152**	369.00	371.00	2.00	syenitic gneiss, trace pyrite	5	3.2	< 0.001	0.78	25.9	17.5	4.2	< 2	< 5	< 5
Z12-4F2	**W1350153**	371.00	373.00	2.00	syenitic gneiss, trace pyrite	2.8	2	< 0.001	0.67	23.6	15.4	2.7	< 2	< 5	< 5
Z12-4F2	**W1350154**	373.00	375.00	2.00	syenitic gneiss, biotite chlorite schist, trace pyrite	1.2	0.6	< 0.001	1.08	14.6	7.6	1.9	3	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Ta	W	Re	Tl	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F2	**W1350155**	375.00	377.00	2.00	syenitic gneiss, trace pyrite	1.6	1.2	< 0.001	0.6	20.3	11.5	2.6	< 2	< 5	< 5
Z12-4F2	**W1350156**	377.00	379.00	2.00	syenitic gneiss, trace pyrite	1	0.9	< 0.001	0.51	16.3	7.6	2	< 2	< 5	< 5
Z12-4F2	**W1350157**	379.00	380.27	1.27	syenitic gneiss, trace pyrite	0.5	1.5	< 0.001	0.47	15.1	7.6	1.4	< 2	< 5	< 5
Z12-4F2	**W1350158**	380.27	380.59	0.32	graphitic brecciated syenitic gneiss, trace pyrite	0.5	2.4	< 0.001	0.52	9.5	8	3.2	< 2	< 5	< 5
Z12-4F2	**W1350159**	380.59	381.10	0.51	graphitic brecciated syenitic gneiss, trace pyrite	0.6	1.8	< 0.001	0.55	20.6	8.7	2.7	< 2	< 5	< 5
Z12-4F2	**W1350160**	381.10	381.54	0.44	graphitic brecciated syenitic gneiss, trace pyrite	0.6	11.4	< 0.001	0.58	9.8	7.3	1.9	< 2	< 5	< 5
Z12-4F2	**W1350161**	381.54	382.91	1.37	graphitic brecciated syenitic gneiss, trace pyrite	0.5	2.8	< 0.001	0.57	14.8	8.1	1.3	< 2	< 5	< 5
Z12-4F2	**W1350162**	382.91	383.74	0.83	graphitic brecciated syenitic gneiss, trace pyrite	0.8	1.6	< 0.001	0.91	9.2	17.9	2.5	< 2	< 5	< 5
Z12-4F2	**W1350163**	383.74	384.30	0.56	graphitic brecciated syenitic gneiss, trace pyrite	0.7	4	< 0.001	0.77	33.9	13.8	2.3	< 2	< 5	< 5
Z12-4F2	**W1350164**	384.30	384.86	0.56	graphitic overprinted syenitic gneiss, trace pyrite	0.6	1	< 0.001	0.82	8.7	6.8	2.6	< 2	< 5	< 5
Z12-4F2	**W1350165**	384.86	386.69	1.83	graphitic overprinted syenitic gneiss, trace pyrite	1.6	3.3	< 0.001	0.75	41.8	10.1	2.4	< 2	< 5	< 5
Z12-4F2	**W1350166**	386.69	387.94	1.25	graphitic overprinted syenitic gneiss, trace pyrite	1.5	0.4	< 0.001	0.67	24	20.5	5	< 2	< 5	< 5
Z12-4F2	**W1350167**	387.94	389.00	1.06	graphitic overprinted syenitic gneiss, trace pyrite	0.7	3	< 0.001	0.81	34.9	6.8	2.1	2	< 5	< 5
Z12-4F2	**W1350168**	389.00	391.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.8	3.8	< 0.001	0.9	57.4	26.1	2.5	< 2	< 5	< 5
Z12-4F2	**W1350169**	391.00	392.42	1.42	graphitic overprinted syenitic gneiss, trace pyrite	0.8	4.8	< 0.001	0.87	44.8	10.6	2.2	< 2	< 5	< 5
Z12-4F2	**W1350170**	392.42	394.42	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	2.3	< 0.001	0.39	24.9	65	1.4	< 2	< 5	< 5
Z12-4F2	**W1350171**	394.42	395.05	0.63	graphitic brecciated syenitic gneiss, trace pyrite	0.7	0.6	< 0.001	0.51	9.8	5.7	2.2	< 2	< 5	< 5
Z12-4F2	**W1350172**	395.05	395.91	0.86	graphitic brecciated syenitic gneiss, trace pyrite	0.5	1.2	< 0.001	0.43	23	4.6	2.7	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Ta	W	Re	Tl	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F2	**W1350173**	395.91	398.55	2.64	graphitic brecciated syenitic gneiss, trace pyrite	0.7	0.7	< 0.001	0.53	10.7	6	1.9	3	< 5	< 5
Z12-4F2	**W1350174**	398.55	399.21	0.66	graphitic brecciated syenitic gneiss, trace pyrite	0.9	0.3	< 0.001	0.47	15.2	10	3	< 2	< 5	< 5
Z12-4F2	**W1350175**	**399.21**	**QC**		**J600090 Pulp 4.1% C (med)**	0.9	0.4	< 0.001	0.46	13.8	7.2	2.3	< 2	< 5	< 5
Z12-4F2	**W1350176**	399.21	401.00	1.79	graphitic brecciated syenitic gneiss, trace pyrite	2.1	0.7	< 0.001	0.51	12.8	10.3	3.6	< 2	< 5	< 5
Z12-4F2	**W1350177**	401.00	402.51	1.51	graphitic brecciated syenitic gneiss, trace pyrite	0.7	1.1	< 0.001	0.51	11.9	7.7	2.2	< 2	< 5	< 5
Z12-4F2	**W1350178**	402.51	403.31	0.80	graphitic brecciated syenitic gneiss, trace pyrite	0.5	2	< 0.001	0.61	25.2	7.5	3.1	< 2	< 5	< 5
Z12-4F2	**W1350179**	403.31	405.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	0.9	0.6	< 0.001	0.75	8.7	9.5	2	5	< 5	< 5
Z12-4F2	**W1350180**	405.00	406.71	1.71	graphitic brecciated syenitic gneiss, trace pyrite	2.7	0.1	0.143	< 0.05	0.5	< 0.1	7.9	< 2	< 5	< 5
Z12-4F2	**W1350181**	406.71	407.65	0.94	graphitic brecciated syenitic gneiss, trace pyrite	5.2	2.3	< 0.001	0.59	17	26.8	8.1	< 2	< 5	< 5
Z12-4F2	**W1350182**	407.65	408.63	0.98	graphitic brecciated syenitic gneiss, trace pyrite	2.7	1.3	< 0.001	0.45	20.3	12	2.8	< 2	< 5	< 5
Z12-4F2	**W1350183**	408.63	410.00	1.37	graphitic brecciated syenitic gneiss, trace pyrite	0.9	1.2	< 0.001	0.51	12.6	6	2.2	< 2	< 5	< 5
Z12-4F2	**W1350184**	410.00	412.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.8	0.7	< 0.001	0.42	11.4	12.1	4.7	< 2	< 5	13
Z12-4F2	**W1350185**	412.00	413.69	1.69	graphitic brecciated syenitic gneiss, trace pyrite	1.1	0.5	< 0.001	0.69	29.6	7.4	2.1	< 2	< 5	< 5
Z12-4F2	**W1350186**	413.69	414.35	0.66	graphitic brecciated syenitic gneiss, trace pyrite	0.7	0.5	< 0.001	0.39	33.2	5.1	3	< 2	< 5	< 5
Z12-4F2	**W1350187**	414.35	416.27	1.92	graphitic brecciated syenitic gneiss, trace pyrite	0.6	0.3	< 0.001	0.4	12.2	3.8	1.5	< 2	< 5	< 5
Z12-4F2	**W1350188**	416.27	416.73	0.46	graphitic brecciated syenitic gneiss, trace pyrite	0.6	0.2	< 0.001	3.37	57.3	7.6	0.7	< 2	< 5	< 5
Z12-4F2	**W1350189**	416.73	417.98	1.25	graphitic brecciated syenitic gneiss, trace pyrite	1.7	1.3	< 0.001	1.22	9	7.9	2.6	10	< 5	10

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Ta	W	Re	Tl	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F2	**W1350190**	417.98	418.82	0.84	graphitic brecciated syenitic gneiss, trace pyrite	10	0.7	< 0.001	0.74	12.7	33.7	14.1	< 2	< 5	< 5
Z12-4F2	**W1350191**	418.82	419.40	0.58	graphitic brecciated syenitic gneiss, trace pyrite	0.6	0.2	< 0.001	0.48	8.6	4.5	1.5	< 2	< 5	< 5
Z12-4F2	**W1350192**	419.40	421.00	1.60	graphitic overprinted syenitic gneiss, trace pyrite	3.1	0.8	< 0.001	0.58	17.2	16.5	4.5	< 2	< 5	< 5
Z12-4F2	**W1350193**	421.00	423.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.6	< 0.1	< 0.001	0.67	17.9	18.2	4.8	< 2	< 5	< 5
Z12-4F2	**W1350194**	423.00	423.46	0.46	graphitic brecciated syenitic gneiss, trace pyrite	0.8	0.2	< 0.001	0.48	6.6	5.2	1.5	5	< 5	8
Z12-4F2	**W1350195**	423.46	424.46	1.00	graphitic brecciated syenitic gneiss, trace pyrite	1.2	0.7	< 0.001	0.38	12.9	5.5	2	6	< 5	< 5
Z12-4F2	**W1350196**	424.46	425.18	0.72	graphitic brecciated syenitic gneiss, trace pyrite	0.7	0.4	< 0.001	0.44	8.8	6.8	2.9	< 2	< 5	< 5
Z12-4F2	**W1350197**	425.18	426.11	0.93	graphitic brecciated syenitic gneiss, trace pyrite	0.5	1	0.001	0.48	22.8	7.3	2.2	< 2	< 5	< 5
Z12-4F2	**W1350198**	426.11	426.92	0.81	graphitic brecciated syenitic gneiss, trace pyrite	0.8	0.6	< 0.001	0.35	11.3	6.2	1.9	< 2	< 5	6
Z12-4F2	**W1350199**	426.92	429.00	2.08	graphitic overprinted syenitic gneiss, trace pyrite	6.4	2.1	< 0.001	0.63	20.3	33.5	6.1	< 2	< 5	< 5
Z12-4F2	**W1350200**	**429.00**	**QC**		**M760121 Pulp: REE/C Blank**	4.6	0.7	0.001	0.29	7	13.3	3.4	< 2	< 5	< 5
Z12-4F2	**W1350201**	429.00	431.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	7.6	< 0.1	< 0.001	< 0.05	0.6	< 0.1	21.9	< 2	< 5	< 5
Z12-4F2	**W1350202**	431.00	432.34	1.34	graphitic overprinted syenitic gneiss, trace pyrite	4.2	1.4	< 0.001	0.6	13.7	9.4	4.3	< 2	< 5	< 5
Z12-4F2	**W1350203**	432.34	433.26	0.92	graphitic brecciated syenitic gneiss, trace pyrite	0.5	0.5	< 0.001	0.43	8.1	5.5	3.1	< 2	< 5	< 5
Z12-4F2	**W1350204**	433.26	435.50	2.24	graphitic overprinted syenitic gneiss, trace pyrite	3.4	0.8	< 0.001	0.61	19.4	24.8	6.9	< 2	< 5	< 5
Z12-4F2	**W1350205**	435.50	438.00	2.50	graphitic overprinted syenitic gneiss, trace pyrite	2.6	0.6	< 0.001	0.62	14.6	21.9	5.3	< 2	< 5	< 5
Z12-4F2	**W1350206**	438.00	438.82	0.82	graphitic brecciated syenitic gneiss, trace pyrite	1.1	0.4	< 0.001	0.45	13.2	6.4	2	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	DESCRIPTION	Ta	W	Re	Tl	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F2	**W1350207**	438.82	439.89	1.07	graphitic brecciated syenitic gneiss, trace pyrite	0.5	0.2	< 0.001	0.5	8.7	4.3	1.5	< 2	< 5	< 5
Z12-4F2	**W1350208**	439.89	442.00	2.11	syenite,trace pyrite	0.6	1.5	< 0.001	0.6	19.4	4.5	1.7	< 2	< 5	< 5
Z12-4F2	**W1350209**	442.00	444.00	2.00	syenite,trace pyrite	0.9	0.9	< 0.001	0.46	16.3	5.2	2.4	< 2	< 5	< 5
					EOH										

ZENYATTA - ALBANY PROJECT -
PHASE II DRILLING

SUMMARY LOG: Z12-4F3

EASTING	682500 (UTMs - NAD 83, Zone 16)
NORTHING	5545770 (UTMs - NAD 83, Zone 16)
ELEVATION	131 metres
AZIMUTH	180°
INCLINATION	-56
STARTED	April-10-12
ENDED	April-26-12
DRILLED BY	Foraco Canada
LOGGED BY	Andrew Dalby, Ted Lamoureux
ASSISTED BY	K. Genrich, J. Pinksen, R. Gibbons
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Zenyatta warehouse, Thunder Bay
TOTAL DEPTH	495 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z12-4F3	0.00	48.00	OVERBURDEN
Z12-4F3	48.00	51.50	CARBONATE PATCH REEF
Z12-4F3	51.50	56.71	BIOCLASTIC LIMESTONE
Z12-4F3	56.71	57.20	WACKE
Z12-4F3	57.20	58.35	PALEOWEATHERED DIORITE
Z12-4F3	**58.35**	**62.59**	**GRAPHITIC OVERPRINTED PALEOWEATHERED SYENITIC GNEISS**
Z12-4F3	**62.59**	**105.72**	**GRAPHITIC BRECCIATED SYENITIC GNEISS**
Z12-4F3	**105.72**	**133.50**	**GRAPHITIC OVERPRINTED MAFIC DYKE**
Z12-4F3	**133.50**	**167.05**	**GRAPHITIC BRECCIATED SYENITIC GNEISS**
Z12-4F3	**167.05**	**176.90**	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**
Z12-4F3	**176.90**	**261.61**	**GRAPHITIC BRECCIATED SYENITIC GNEISS**
Z12-4F3	261.61	262.28	MAFIC DYKE
Z12-4F3	**262.28**	**335.00**	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**
Z12-4F3	335.00	399.00	SYENITIC GNEISS
Z12-4F3	399.00	427.00	SHEAR ZONE/ SYENITIC GNEISS
Z12-4F3	427.00	495.00	SYENITIC GNEISS

END OF HOLE

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z12-4F3	0.00	48.00	OVERBURDEN	Some bedrock may have been lost during the casing process.
Z12-4F3	48.00	51.50	CARBONATE PATCH REEF	Fine to coarse light to medium tan-grey bioturbated bioclastic limestone, similar to carbonate patch reefs described in previous holes, but without positively identified reefal organisms. Lower contact transitional over 2cm trending @CAA71.
Z12-4F3	51.50	56.71	BIOCLASTIC LIMESTONE	Poorly sorted fine to coarse grained tan grey bioclastic limestone grading with coquina with brachiopod fragments.
Z12-4F3	56.71	57.20	WACKE	Poorly sorted, loosely consolidated dark grey quartz-lithic wacke. Malachite green reduced iron staining. Trace finely disseminated pyrite.
Z12-4F3	57.20	58.35	*PALEOWEATHERED DIORITE*	Grey coarse grained paleoweathered diorite. Randomly oriented submillimeter conductive veinlets throughout. Blue plagioclase and white plagioclase bleaching on fractured surfaces. Trace finely disseminated pyrite. Lower contact sharp with paleoweathered syenite at CAA30.
Z12-4F3	58.35	62.59	**GRAPHITIC OVERPRINTED PALEOWEATHERED SYENITIC GNEISS**	Fine grained brittle paleoweathered syenitic gneiss with a strong potassic overprint. Submillimeter conductive veins throughout. Foliation @CAA64. Framework brecciated from 58.45 to 58.90. Randomly oriented carbonate veins throughout. Chlorite alteration from 61.54 to 62.29. Chlorite and carbonate on fracture surfaces. Potassic overprint from 58.0 to 60.5. Trace finely disseminated pyrite.
Z12-4F3	62.59	105.72	**GRAPHITIC BRECCIATED SYENITIC GNEISS**	Graphitic brecciated syenitic gneiss in paleoweathered host rock interbedded with syenite. The breccia is 10-25% fine grained matrix on average, some of which is graphite. The weathering diminishes to unweathered beyond 93.00. Carbonate veins throughout @~CAA60. Chlorite and carbonate on fracture surfaces. Trace finely disseminated pyrite. Interbedded syenite contains randomly oriented graphitic veinlets. 63.12 to 72.30 strong carbonate veining with many 0.2mm to 1 cm veins @CAA~60. 63.60 to 64.42 intensely fractured. 74.36 to 74.79 strongly to intensely fractured. 82.00 to 82.20 chlorite weathering and strongly fractured. Lower contact sharp with porphyritic mafic dyke @CAA35. -89.03 to 90.93 fault zone: strongly fractured from 89.03 to 90.20, then moderately fractured to 92.80. 1mm euhedral pyrite crystals on fractured surfaces at 90.93. -105.34 to 105.68 biotite chlorite schist
Z12-4F3	105.72	133.50	**GRAPHITIC OVERPRINTED MAFIC DYKE**	Coarse to medium grained porphyritic mafic rock mottled with 2mm dark pyroxenes and pink k-feldspars throughout. Fractured surfaces often have flat biotite crystals up to 3mm. Randomly oriented trace carbonate veinlets. Lower contact with graphitic brecciated syenite sharp at 133.50 @CAA36.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z12-4F3	133.50	167.05	**GRAPHITIC BRECCIATED SYENITIC GNEISS**	Graphitic brecciated syenite interbedded with syenite. The breccia is 30% fine grained matrix on average, some of which is graphite. Clasts are angular and variable in size (2mm to 5cm average with intraclast graphitic overprinting. A few graphitic lumps are widely spaced throughout. Randomly oriented carbonate veins throughout. Chloritized biotite and carbonate on fracture surfaces. Trace finely disseminated pyrite and deposition of blebs along some fractures locally up to 10% surface area. Interbedded syenite contains randomly oriented graphitic veinlets and graphitic overprinting. -145.09 to 146.38 Fault Zone: strongly fractured, then weakly fractured below 145. -145.10 to 147.00 hematitic alteration. -157.66 to 158.55 Fault Zone: strongly fractured down to 158.44, then moderately fractured (Primary fracture CAA52, secondary fracture CAA30).
Z12-4F3	167.05	176.90	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**	Non-magnetic coarse grained pink syenitic gneiss with foliation @CAA69. 168.00 to 168.33, 1cm, graphite vein running subparallel to core. Submillimeter faint grey veins are randomly oriented throughout. Finely disseminated pyrite throughout.
Z12-4F3	176.90	261.61	**GRAPHITIC BRECCIATED SYENITIC GNEISS**	Graphitic brecciated syenite interbedded with syenite. The breccia is 40% fine grained matrix on average, some of which is graphite. Graphitic lumps widely spaced throughout. Randomly oriented carbonate veins throughout. Chloritized biotite and carbonate on fracture surfaces. Trace finely disseminated pyrite; 222.90, large 2cm long bleb. Interbedded syenite has graphitic overprinting and contains randomly oriented graphitic veinlets. -179.00 to 182.51 Fault Zone: weakly fractured with primary fracture @CAA35 and secondary fracture @CAA27 -188.90 to 189.00 Fault Zone: intensely fractured -191.31 to 192.64 Fault Zone: weak to strongly fractured with primary fracture @CAA44 and secondary fracture @CAA10 -194.85 to 197.23 porphyritic mafic dyke as described in above unit containing trace finely disseminated pyrrhotite. -206.38 to 206.49 black fine grained graphitic dyke -211.36 to 214.79 graphitic overprinted medium grained syenitic gneiss. Foliation @CAA70. Graphite <1%. -213.52 to 214.85 Fault Zone: weak to moderately fractured @CAA56 -219.53 to 221.80 graphitic overprinted fine grained syenitic gneiss. Foliation @CAA55 containing dark veins, some of which are conductive. Graphite <1%. -249.75 to 250.31 fine very dark grey graphite-rich vein (lump); there are visible silicates within this, similar to the matrix within the main breccia; Contacts trending @CAA10-15. This reoccurs from 255.20 to 255.64, similar contacts -255.68 to 259.86 Fault Zone: intensely fractured from 256.15 to 256.79 and from 259.58 to 259.86."
Z12-4F3	261.61	262.28	MAFIC DYKE	Non-magnetic fine grained to aphanitic dark grey mafic dyke. No visible graphite overprint nor veining. Sharp contacts @CAA28

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z12-4F3	262.28	335.00	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**	As in 167.05 to 176.90. Trace to 1% graphitic overprint, locally up to 5% in veinlet "swarms", i.e. at 274.10m. Trace to nil finely disseminated pyrite. Lower contact transitional over <1m to relatively unaltered (unmetamorphosed) nepheline syenite. -306.00 to 311.38 non-magnetic medium grained grey dioritic dyke. Unit apparently deposited prior to granulite metamorphism of the surrounding syenite. Upper contact obscured, possibly formerly sharp; lower contact clearer, formerly sharp @CAA42. Trace to nil finely disseminated pyrite. -331.36 to 332.00 fault zone, mainly intensely fractured.
Z12-4F3	335.00	399.00	SYENITIC GNEISS	No graphite mineralization observed. Non-magnetic medium grained pinkish grey nepheline syenite. Unit contains 1-2mm wide euhedral k-feldspar (~30%), nepheline (30-40%), and other dark grey constituents (biotite and amphiboles) making up the rest; rock is also speckled with ~3-5% 1-2mm wide euhedral clumps of fine amphiboles. Trace finely disseminated pyrite with a few occurrences of pyrrhotite. -336.74 to 337.59 Non magnetic very dark grey mafic porphyry. Contains 90-95% very dark grey fine grained groundmass with probable 1-2mm wide amphibole or pyroxene porphyroblasts which have been completely altered to chlorite with 2-3mm biotite rims. Contacts appear originally sharp but are now deformed. Lower contact defined by downcore fault zone.
Z12-4F3	399.00	427.00	SHEAR ZONE/ SYENITIC GNEISS	Fault zone in previously described unit. This unit is crosscut by several mafic dykes, altered to chlorite biotite schists, described as such in subunits. Primary fracture @CAA~70. Secondary fracture @CAA~20. Chloritized biotite on fracture surfaces and chlorite alteration throughout. Degree of metamorphism ranges from nearly unaltered to greenschist facies. Finely disseminated euhedral pyrite and blebs along carbonate veins throughout. Carbonate veins trending @CAA~22. 399.00 to 401.51 strong to intensely fractured, 401.51 to 403.09 weakly fractured, 403.09 to 404.96 moderately fractured, 404.96 to 406.93 strong to intensely fractured, 406.96 to 424.08 weakly fractured, 424.08 to 427.00 strong to intensely fractured, 427.00 to 427.45 weakly fractured, 427.45 to 427.85 intensely fractured, 427.85 to 429.06 weakly fractured, then 429.06 to 429.40 strongly fractured. -404.48 to 404.68 cluster of randomly oriented carbonate veins with large 2cm pyrite blebs. Similar pyrite blebs at 410.79 over 3cm along carbonate veins. -407.75 to 408.09 fine grained mafic dyke. Contacts obscured by shearing. -410.25 to 411.74 magnetic fine grained biotite chlorite magnetite schist. Contacts sharp @CAA28. -415.97 to 417.63 non magnetic fine grained mafic dyke. Contacts obscured by shearing. -418.72 to 420.39 fine grained biotite chlorite schist. Contacts obscured by shearing. -420.40 to 420.50 non magnetic fine grained mafic dyke. Contacts obscured by shearing. -422.70 to 423.14 fine grained biotite chlorite schist. Contacts obscured by shearing. -424.09 to 424.19 biotite chlorite schist. Contacts obscured by shearing. -429.09 to 430.33 chlorite biotite schist. Contacts obscured by shearing. -430.98 to 431.36 chlorite biotite schist. Contacts obscured by shearing. -429.09 to 430.30 and 430.95 to 431.19 fine grained biotite schist. Contacts obscured by shearing.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z12-4F3	427.00	495.00	SYENITIC GNEISS	Continuation of previous unit, but unsheared. There are numerous short intensely fractured (unless otherwise noted) faults which have been partially ground by the drilling process, thus fracture orientations are impossible to determine. These faults zones occur from: 429.00 to 429.40 (weakly fractured); 435.06 to 435.24; 435.63 to 435.91; 440.88 to 441.06; 443.47 to 444.05; 445.58 to 445.76; and from 448.88 to 450 (80cm core loss). Trace finely disseminated pyrite. -458.50 to 460.86 very dark grey to black, locally magnetic near some cumulate magnetite (at 458.68 and at 460.55), sheared mafic dyke mostly altered to a chlorite biotite schist. Trace finely disseminated pyrite and possible pyrrhotite. Contacts originally sharp @CAA25. -466.31 to 467.00 grey to dark non-magnetic grey mafic dyke partly altered to a chlorite biotite schist, sharp contacts @CAA36-40. Other dykes with same lithology and contact orientations occur: from 471.00 to 471.73; 472.13 to 473.52; and from 475.49 to 477.20.
				END OF HOLE

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%
Z12-4F3	**W1350210**	56.71	58.35	1.64	wacke, weathered diorite, trace pyrite	1.8	35.5	0.2	0.46	7.01	4.01	0.62
Z12-4F3	**W1350211**	58.35	61.54	3.19	weathered syenite, trace graphite, trace pyrite	0.4	36.1	0.16	0.38	6.54	2.85	0.85
Z12-4F3	**W1350212**	61.54	62.39	0.85	dark syenite slightly conductive overprint, trace pyrite	2.34	49.3	0.17	0.71	8.19	3.29	0.77
Z12-4F3	**W1350213**	62.39	65.00	2.61	weathered graphitic breccia, trace pyrite	2.4	46.4	0.13	0.83	7.65	2.81	1.53
Z12-4F3	**W1350214**	65.00	67.00	2.00	weathered graphitic breccia, trace pyrite	2.26	74.3	0.51	1.91	7.89	3.64	2.28
Z12-4F3	**W1350215**	67.00	69.00	2.00	weathered graphitic breccia, trace pyrite	2.27	35.8	0.74	1.05	8.82	2.47	2.5
Z12-4F3	**W1350216**	69.00	71.00	2.00	weathered graphitic breccia, trace pyrite	4.09	68.7	0.43	1.34	8.28	3.15	2.52
Z12-4F3	**W1350217**	71.00	73.00	2.00	weathered graphitic breccia, trace pyrite	5.34	103	0.46	1.27	7.49	3.34	1.46
Z12-4F3	**W1350218**	73.00	75.00	2.00	weathered graphitic breccia, trace pyrite	0.78	90.1	1.42	0.82	8.68	3.29	0.73
Z12-4F3	**W1350219**	75.00	76.85	1.85	weathered graphitic breccia, trace pyrite	0.26	110	2.02	0.89	9.58	3.57	0.88
Z12-4F3	**W1350220**	76.85	79.00	2.15	weathered graphitic breccia, trace pyrite	3	131	0.36	1.07	8.43	4.37	0.57
Z12-4F3	**W1350221**	79.00	81.00	2.00	weathered graphitic breccia, trace pyrite	3.5	80.7	0.67	0.84	7.35	3.26	0.48
Z12-4F3	**W1350222**	81.00	83.00	2.00	weathered graphitic breccia, trace pyrite	5.37	127	0.92	1.46	7.61	3.24	3.12
Z12-4F3	**W1350223**	83.00	85.00	2.00	weathered graphitic breccia, trace pyrite	3.94	96.8	1.24	1.02	7.9	4.18	0.85
Z12-4F3	**W1350224**	85.00	87.00	2.00	weathered graphitic breccia, trace pyrite	3.68	95.2	1.34	1.03	8.21	3.9	0.58
Z12-4F3	**W1350225**	**87.00**	**QC**		**J600090 Pulp 4.1% C (med)**	4.06	35.8	> 3.00	0.57	8.46	3.02	1.41
Z12-4F3	**W1350226**	87.00	89.00	2.00	weathered graphitic breccia, trace pyrite	4.35	110	0.69	0.98	8.16	4.72	0.2
Z12-4F3	**W1350227**	89.00	91.00	2.00	weathered graphitic breccia, trace pyrite	4.07	75	1.22	0.92	8.55	4.53	1.14
Z12-4F3	**W1350228**	91.00	93.00	2.00	weathered graphitic breccia, trace pyrite	3.82	110	1.85	0.96	8.91	4.56	0.37
Z12-4F3	**W1350229**	93.00	95.00	2.00	graphitic breccia, trace pyrite	4.04	134	2.58	1.2	8.03	4.14	0.67
Z12-4F3	**W1350230**	95.00	97.00	2.00	graphitic breccia, trace pyrite	6.42	51.1	2.93	0.45	8.47	4.06	0.49
Z12-4F3	**W1350231**	97.00	99.00	2.00	graphitic breccia, trace pyrite	2.04	77.6	2.8	0.53	8.35	3.69	0.87
Z12-4F3	**W1350232**	99.00	101.80	2.80	graphitic breccia, trace pyrite	5.12	86.1	2.81	0.71	7.52	2.72	0.57
Z12-4F3	**W1350233**	101.80	104.50	2.70	graphitic breccia, trace pyrite	4.83	98.1	2.17	0.69	8.53	3.85	0.61
Z12-4F3	**W1350234**	104.50	105.72	1.22	syenite/biotite chlorite schist	0.4	115	> 3.00	1.61	9.83	3.85	0.56
Z12-4F3	**W1350235**	105.72	108.00	2.28	graphitic overprinted mafic dyke	0.27	262	> 3.00	1.56	> 10.0	4.39	2.48
Z12-4F3	**W1350236**	108.00	110.00	2.00	graphitic overprinted mafic dyke	0.25	146	> 3.00	1.45	> 10.0	4.17	2.92
Z12-4F3	**W1350237**	110.00	112.00	2.00	graphitic overprinted mafic dyke	0.15	75.9	> 3.00	1.13	> 10.0	3.9	2.96

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%
Z12-4F3	**W1350238**	112.00	114.00	2.00	graphitic overprinted mafic dyke	0.18	93.1	> 3.00	1.2	> 10.0	4	3.01
Z12-4F3	**W1350239**	114.00	116.00	2.00	graphitic overprinted mafic dyke	0.24	126	> 3.00	1.18	> 10.0	4.34	2.49
Z12-4F3	**W1350240**	116.00	118.00	2.00	graphitic overprinted mafic dyke	0.2	119	> 3.00	1.06	> 10.0	4.91	2.41
Z12-4F3	**W1350241**	118.00	120.00	2.00	graphitic overprinted mafic dyke	0.21	78.2	> 3.00	0.87	> 10.0	2.62	2.52
Z12-4F3	**W1350242**	120.00	123.00	3.00	graphitic overprinted mafic dyke	0.23	67.5	> 3.00	0.7	> 10.0	3.14	2.05
Z12-4F3	**W1350243**	123.00	125.00	2.00	graphitic overprinted mafic dyke	0.21	105	> 3.00	1.07	> 10.0	4.03	1.93
Z12-4F3	**W1350244**	125.00	127.00	2.00	graphitic overprinted mafic dyke	0.24	133	> 3.00	0.99	> 10.0	3.98	2.17
Z12-4F3	**W1350245**	127.00	129.00	2.00	graphitic overprinted mafic dyke	0.17	135	> 3.00	1.25	> 10.0	3.72	2.52
Z12-4F3	**W1350246**	129.00	131.00	2.00	graphitic overprinted mafic dyke	0.29	126	2.71	1.89	> 10.0	4.19	3.03
Z12-4F3	**W1350247**	131.00	133.50	2.50	graphitic overprinted mafic dyke	0.45	165	2.81	1.44	9.28	4.2	3.29
Z12-4F3	**W1350248**	133.50	135.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	5.19	30.9	> 3.00	0.66	7.14	2.66	2.6
Z12-4F3	**W1350249**	135.00	137.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.95	29.4	2.99	0.35	7.91	2.72	1.3
Z12-4F3	**W1350250**	**137.00**	**QC**		**J600100 Pulp: 10% C (high)**	10.2	13.2	> 3.00	0.38	5.28	1.72	0.88
Z12-4F3	**W1350251**	137.00	139.09	2.09	graphitic brecciated syenitic gneiss, trace pyrite	2.27	44.4	> 3.00	0.5	8.43	2.55	1.51
Z12-4F3	**W1350252**	139.09	141.00	1.91	graphitic brecciated syenitic gneiss, trace pyrite	3.51	69	> 3.00	0.53	8.01	2.45	1.38
Z12-4F3	**W1350253**	141.00	143.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.5	54.6	> 3.00	0.52	8.49	2.62	1.53
Z12-4F3	**W1350254**	143.00	145.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.88	67.2	> 3.00	0.63	7.68	2.49	1.64
Z12-4F3	**W1350255**	145.00	147.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.69	52.5	2.59	0.73	7.78	3.36	1.29
Z12-4F3	**W1350256**	147.00	149.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.61	36.7	> 3.00	0.56	8.7	2.45	1.4
Z12-4F3	**W1350257**	149.00	151.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.23	35.4	> 3.00	0.31	7.93	2.72	1.15
Z12-4F3	**W1350258**	151.00	153.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.58	35.7	> 3.00	0.55	8.15	2.79	1.21
Z12-4F3	**W1350259**	153.00	155.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.73	37.5	> 3.00	0.62	8.39	2.67	1.59
Z12-4F3	**W1350260**	155.00	157.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	7.87	53.1	2.94	1.52	6.33	1.68	1.9
Z12-4F3	**W1350261**	157.00	159.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.61	53.9	2.71	0.74	7.66	2.85	1.36
Z12-4F3	**W1350262**	159.00	161.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.5	32.5	2.42	0.38	6.91	2.59	0.94
Z12-4F3	**W1350263**	161.00	163.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.58	47.4	> 3.00	0.89	8.52	2.63	1.67
Z12-4F3	**W1350264**	163.00	165.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.25	47.5	2.9	0.52	7.66	2.48	1.5
Z12-4F3	**W1350265**	165.00	167.07	2.07	graphitic brecciated syenitic gneiss, trace pyrite	3.41	87.3	2.76	2.54	7.66	2.52	2.49

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%
Z12-4F3	**W1350266**	167.07	168.43	1.36	graphitic overprinted syenitic gneiss, graphite vein, trace pyrite	1	84.4	2.36	1.26	7.38	2.37	2.81
Z12-4F3	**W1350267**	168.43	170.00	1.57	graphitic overprinted syenitic gneiss, trace pyrite	0.29	37.8	2.74	0.42	7.75	2.69	0.89
Z12-4F3	**W1350268**	170.00	172.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.21	32.3	2.45	0.17	7.43	2.76	0.96
Z12-4F3	**W1350269**	172.00	174.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.21	33.1	2.86	0.23	7.54	3.79	1.09
Z12-4F3	**W1350270**	174.00	176.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.21	32.1	2.86	0.22	6.62	2.06	0.73
Z12-4F3	**W1350271**	176.00	177.00	1.00	graphitic overprinted syenitic gneiss, trace pyrite	3.45	80.4	> 3.00	0.44	8.19	2.34	1.72
Z12-4F3	**W1350272**	177.00	179.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.77	48.9	2.78	0.59	8.07	3.15	1.29
Z12-4F3	**W1350273**	179.00	181.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	5.08	59.5	2.88	0.66	7.55	3.04	1.22
Z12-4F3	**W1350274**	181.00	183.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	5.41	60.3	2.87	0.86	8.03	2.56	1.22
Z12-4F3	**W1350275**	**183.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.9	40.5	2.96	4.54	8.44	2.5	4.31
Z12-4F3	**W1350276**	183.00	185.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	5.13	58.4	2.79	0.76	8.14	2.22	1.98
Z12-4F3	**W1350277**	185.00	187.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	5.34	54	> 3.00	1.31	8.39	2.37	2.2
Z12-4F3	**W1350278**	187.00	188.70	1.70	graphitic brecciated syenitic gneiss, trace pyrite	3.6	43.5	2.74	0.58	6.63	1.92	1.2
Z12-4F3	**W1350279**	188.70	191.00	2.30	graphitic brecciated syenitic gneiss, intense fracturing, trace pyrite	3.61	65.2	2.71	0.69	8.17	2.17	1.45
Z12-4F3	**W1350280**	191.00	193.00	2.00	graphitic brecciated syenitic gneiss, strong fracturing, trace pyrite	3.37	77.6	> 3.00	0.82	8.15	2.61	1.42
Z12-4F3	**W1350281**	193.00	194.85	1.85	graphitic brecciated syenitic gneiss, trace pyrite	3.81	45.6	2.96	0.72	8.73	2.97	1.21
Z12-4F3	**W1350282**	194.85	196.00	1.15	graphitic brecciated syenitic gneiss, mafic dyke, trace pyrite/pyrotite	0.16	226	2.92	1.82	> 10.0	4.09	2.75
Z12-4F3	**W1350283**	196.00	197.23	1.23	graphitic brecciated syenitic gneiss, trace pyrite	0.19	190	> 3.00	1.76	> 10.0	3.02	2.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%
Z12-4F3	**W1350284**	197.23	199.00	1.77	graphitic brecciated syenitic gneiss, trace pyrite	5	67.4	2.48	1.13	7.53	3.11	1.77
Z12-4F3	**W1350285**	199.00	201.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	6.31	40.1	> 3.00	1.32	8.05	2.37	2.39
Z12-4F3	**W1350286**	201.00	203.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.32	38	> 3.00	0.47	7.2	2.1	1.63
Z12-4F3	**W1350287**	203.00	205.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	5.12	27.4	2.75	0.45	7.85	2.63	1.2
Z12-4F3	**W1350288**	205.00	207.00	2.00	graphitic brecciated syenitic gneiss, graphic dyke, trace pyrite	5.87	62	2.46	2.31	6.37	1.91	3.04
Z12-4F3	**W1350289**	207.00	209.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	5.22	45.3	> 3.00	0.68	7.57	2.24	1.62
Z12-4F3	**W1350290**	209.00	211.37	2.37	graphitic brecciated syenitic gneiss, trace pyrite	4.79	53.7	> 3.00	1.26	8.28	2.29	2.02
Z12-4F3	**W1350291**	211.37	213.00	1.63	graphitic overprinted syenitic gneiss, trace pyrite	0.1	47	> 3.00	0.33	8.78	1.93	1.12
Z12-4F3	**W1350292**	213.00	215.00	2.00	graphitic brecciated syenitic gneiss, moderate fracture, trace pyrite	0.9	88.4	> 3.00	0.57	7.77	2.6	0.91
Z12-4F3	**W1350293**	215.00	217.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.64	57.6	2.98	0.76	8.67	2.32	1.4
Z12-4F3	**W1350294**	217.00	219.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.8	60.5	> 3.00	0.49	8.25	2.4	1.39
Z12-4F3	**W1350295**	219.00	221.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.52	26.6	> 3.00	0.23	8.88	2.46	0.9
Z12-4F3	**W1350296**	221.00	223.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.63	42.5	> 3.00	0.34	7.52	3.28	1.21
Z12-4F3	**W1350297**	223.00	225.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	6.48	46.1	2.89	0.61	8.09	2.66	1.33
Z12-4F3	**W1350298**	225.00	227.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.72	72.4	> 3.00	1.15	7.59	2.19	2.3
Z12-4F3	**W1350299**	227.00	229.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.97	45.9	2.72	0.53	5.39	1.67	1.4
Z12-4F3	**W1350300**	**229.00**	**QC**		**J600090 Pulp 4.1% C (med)**	4.09	31.4	2.96	0.54	7.7	1.52	1.07
Z12-4F3	**W1350301**	229.00	231.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.98	75.6	2.85	0.41	7.63	2.49	1.42
Z12-4F3	**W1350302**	231.00	233.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.38	38.2	> 3.00	0.25	7.89	2.47	1.23
Z12-4F3	**W1350303**	233.00	235.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.18	51.5	2.92	0.48	8.13	2.33	1.44
Z12-4F3	**W1350304**	235.00	237.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.2	34.1	> 3.00	0.28	7.51	3	1.04
Z12-4F3	**W1350305**	237.00	239.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	6.59	44.7	> 3.00	0.55	7.81	2.34	1.25
Z12-4F3	**W1350306**	239.00	241.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	6.19	44.4	> 3.00	0.33	7.3	2.62	1.21
Z12-4F3	**W1350307**	241.00	243.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	6.22	42	> 3.00	0.25	7.75	2.87	1.1
Z12-4F3	**W1350308**	243.00	245.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.09	43.4	2.63	0.14	4.51	1.76	0.48

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%
Z12-4F3	**W1350309**	245.00	247.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.63	40.7	> 3.00	0.22	8.24	1.98	0.97
Z12-4F3	**W1350310**	247.00	248.40	1.40	graphitic brecciated syenitic gneiss, trace pyrite	5.38	57.7	2.75	0.43	7.22	1.85	1.1
Z12-4F3	**W1350311**	248.40	249.75	1.35	graphitic brecciated syenitic gneiss, trace pyrite	7.9	50.8	2.92	0.45	7.08	2.71	1.24
Z12-4F3	**W1350312**	**249.75**	**250.31**	**0.56**	**fine graphite-rich lump**	11.4	34.4	> 3.00	0.54	> 10.0	1.89	0.93
Z12-4F3	**W1350313**	250.31	252.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	2.76	34.1	> 3.00	0.21	7.5	2.42	0.93
Z12-4F3	**W1350314**	252.00	253.50	1.50	graphitic brecciated syenitic gneiss, trace pyrite	6.79	38.3	> 3.00	0.29	8.16	2.68	1.06
Z12-4F3	**W1350315**	253.50	255.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	9.71	44.2	2.4	0.24	6.97	2.96	1.02
Z12-4F3	**W1350316**	**255.00**	**255.68**	**0.68**	**fine graphite-rich lump**	9.85	34.7	2.76	0.52	7.82	3.29	0.77
Z12-4F3	**W1350317**	255.68	257.00	1.32	fracture zone, intense	2.98	89.5	2.15	1.33	> 10.0	4.05	1.11
Z12-4F3	**W1350318**	257.00	259.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.52	62.6	> 3.00	1.15	9.26	3.72	1.51
Z12-4F3	**W1350319**	259.00	261.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	6.48	111	2.35	1.8	6.9	3.69	1.27
Z12-4F3	**W1350320**	261.00	263.00	2.00	mafic dyke	2.64	34.5	> 3.00	0.55	8.31	2.96	1.82
Z12-4F3	**W1350321**	263.00	265.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.3	46.6	> 3.00	0.28	7.9	3.31	1.29
Z12-4F3	**W1350322**	265.00	267.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.35	43.9	> 3.00	0.25	7.97	2.97	1.14
Z12-4F3	**W1350323**	267.00	269.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.35	39	2.86	0.37	7.17	2.4	1.13
Z12-4F3	**W1350324**	269.00	271.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.34	42.4	> 3.00	0.27	8.14	2.44	0.94
Z12-4F3	**W1350325**	**271.00**	**QC**		**J600100 Pulp: 10% C (high)**	6.82	14	2.96	0.42	6.93	2.25	1.02
Z12-4F3	**W1350326**	271.00	273.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.64	48.8	> 3.00	0.27	8.24	2.92	1.11
Z12-4F3	**W1350327**	273.00	275.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.81	66.4	2.7	0.17	7.01	2.71	1.19
Z12-4F3	**W1350328**	275.00	277.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.57	66.8	> 3.00	0.16	8.21	2.72	0.94
Z12-4F3	**W1350329**	277.00	279.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.45	35.4	2.72	0.13	6.89	2.6	1.07

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%
Z12-4F3	**W1350330**	279.00	282.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.99	47.4	> 3.00	0.15	7.43	2.74	0.91
Z12-4F3	**W1350331**	282.00	285.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.47	107	> 3.00	0.76	8.07	2.78	1.45
Z12-4F3	**W1350332**	285.00	288.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.58	92	> 3.00	1.35	8.09	1.99	1.71
Z12-4F3	**W1350333**	288.00	291.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.37	40.2	2.23	0.22	> 10.0	1.66	1.04
Z12-4F3	**W1350334**	291.00	294.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.24	52	2.67	0.17	6.4	2.11	1.03
Z12-4F3	**W1350335**	294.00	297.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.53	47.2	2.65	0.21	7.1	2.29	0.9
Z12-4F3	**W1350336**	297.00	300.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.31	52.3	2.46	0.2	6.2	2.55	1.06
Z12-4F3	**W1350337**	300.00	303.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.35	48	2.99	0.21	6.52	2.93	1.06
Z12-4F3	**W1350338**	303.00	306.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.29	35.2	> 3.00	0.19	8.01	3.43	0.82
Z12-4F3	**W1350339**	306.00	309.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.08	43.3	> 3.00	0.12	7.96	4.16	0.99
Z12-4F3	**W1350340**	309.00	312.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.14	44.4	> 3.00	0.17	8.52	3.85	0.98
Z12-4F3	**W1350341**	312.00	315.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.36	53.8	> 3.00	0.21	7.15	2.52	0.91
Z12-4F3	**W1350342**	315.00	318.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.41	72.8	2.78	0.15	5.91	2.14	1.01
Z12-4F3	**W1350343**	318.00	321.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.4	37	> 3.00	0.16	7.13	2.74	1.08

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%
Z12-4F3	**W1350344**	321.00	324.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.42	65.3	> 3.00	0.25	7.48	2.52	1.11
Z12-4F3	**W1350345**	324.00	327.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.28	68.5	> 3.00	0.53	7.69	2.45	1.33
Z12-4F3	**W1350346**	327.00	330.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.46	158	> 3.00	1.76	7.05	2.29	2.14
Z12-4F3	**W1350347**	330.00	333.00	3.00	graphitic overprinted syenitic gneiss, intense fracturing, trace pyrite	0.37	97.4	2.65	1.14	7.24	2.97	1.44
Z12-4F3	**W1350348**	333.00	336.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.25	57.2	> 3.00	0.3	7.52	3.26	1.1
Z12-4F3	**W1350349**	336.00	339.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.13	131	> 3.00	1.6	7.94	3.51	2.01
Z12-4F3	**W1350350**	**339.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.9	34.3	2.23	3.93	7.15	2.32	3.69
Z12-4F3	**W1350351**	339.00	342.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.17	23.7	> 3.00	0.1	8.23	3.68	0.73
Z12-4F3	**W1350352**	342.00	345.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.17	41.4	> 3.00	0.09	> 10.0	2.19	0.81
Z12-4F3	**W1350353**	345.00	348.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.13	27.1	> 3.00	0.15	7.9	2.91	1.09
Z12-4F3	**W1350354**	348.00	351.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.16	36.7	> 3.00	0.29	7.59	3.26	0.93
Z12-4F3	**W1350355**	351.00	354.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.14	41.5	> 3.00	0.25	7.58	3.95	1.17
Z12-4F3	**W1350356**	354.00	357.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.13	34	> 3.00	0.28	8.28	4.13	1.03
Z12-4F3	**W1350362**	398.00	400.00	2.00	shear zone, intense fracture	0.26	22	> 3.00	0.37	8.12	3.16	1.16
Z12-4F3	**W1350363**	400.00	402.00	2.00	shear zone, intense fracture	0.41	23.5	> 3.00	0.54	7.79	2.48	1.53
Z12-4F3	**W1350364**	402.00	404.00	2.00	shear zone, moderate fracture	0.12	10.9	> 3.00	0.26	7.7	3.57	1.24
Z12-4F3	**W1350365**	404.00	406.00	2.00	shear zone, intense fracture, pyrite blebs	0.48	59.7	2.56	1.9	6.59	2.43	2.97
Z12-4F3	**W1350366**	406.00	408.00	2.00	shear zone, weak fracture, mafic dyke	1.01	83.3	1.54	3.76	5.31	0.97	5.68
Z12-4F3	**W1350367**	408.00	410.00	2.00	shear zone, weak fracture	0.38	109	2.23	4.35	5.92	1.24	7.27
Z12-4F3	**W1350368**	410.00	412.00	2.00	shear zone, weak fracture, biotite chlorite magnetite schist pyrite blebs	2.77	123	0.57	6.98	2.62	1.43	12.1
Z12-4F3	**W1350369**	412.00	414.00	2.00	shear zone, weak fracture	0.33	102	2.15	3.96	7.3	0.99	6.1
Z12-4F3	**W1350370**	414.00	416.00	2.00	shear zone, weak fracture, mafic dyke	0.83	131	1.81	4.15	6.54	1.18	7.04

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%
Z12-4F3	**W1350371**	416.00	418.00	2.00	shear zone, weak fracture, mafic dyke, biotite chlorite schist	0.72	106	0.5	> 10.0	3.67	1.69	5.61
Z12-4F3	**W1350372**	418.00	420.00	2.00	shear zone, weak fracture	0.81	126	1.28	8.21	4.39	1.18	8.28
Z12-4F3	**W1350373**	420.00	422.00	2.00	shear zone, weak fracture	0.71	106	1.89	6.3	6.02	1.14	5.73
Z12-4F3	**W1350374**	422.00	424.00	2.00	shear zone, weak fracture, biotite chlorite schist	0.48	139	1.35	6.74	4.95	1.62	6.99
Z12-4F3	**W1350375**	**424.00**	**QC**		**J600090 Pulp 4.1% C (med)**	4.11	38	> 3.00	0.58	7.26	2.89	1.22
Z12-4F3	**W1350376**	424.00	427.00	3.00	shear zone, intense fracture, biotite chlorite schist	0.14	165	1.82	4.37	7.09	1.94	4.11
Z12-4F3	**W1350377**	427.00	429.00	2.00	shear zone, weak fracture, syenite	0.31	37.6	> 3.00	0.43	7.78	2.29	1.36
Z12-4F3	**W1350378**	429.00	431.00	2.00	shear zone, weak fracture, syenite/biotite chlorite schist	0.58	257	2.4	5.82	5.7	2.55	4.76
Z12-4F3	**W1350379**	431.00	433.00	2.00	shear zone, weak fracture, syenite with 20cm biotite chlorite schist	0.3	92.5	2.87	1.51	6.43	3.02	1.87
Z12-4F3	**W1350380**	433.00	436.00	3.00	syenite with small fault	0.25	34.8	> 3.00	0.57	7.33	3.05	1.26
Z12-4F3	**W1350381**	436.00	439.00	3.00	syenite	0.16	39	> 3.00	0.37	6.11	2.72	1.14
Z12-4F3	**W1350382**	439.00	442.00	3.00	syenite with small fault	0.13	62.4	> 3.00	0.63	8.39	3.48	1.83
Z12-4F3	**W1350383**	442.00	445.00	3.00	syenite with small fault	0.15	53.7	> 3.00	0.5	7.76	3.17	1.22
Z12-4F3	**W1350384**	445.00	448.00	3.00	syenite with small fault	0.08	84.1	2.78	0.6	7.62	3.42	0.9
Z12-4F3	**W1350385**	448.00	451.00	3.00	syenite with small fault	0.14	43	> 3.00	0.32	7.44	3.27	1.02
Z12-4F3	**W1350386**	458.50	461.00	2.50	very dark, greasy mafic dyke	0.95	183	0.51	> 10.0	3.47	2.12	3.64
					END OF HOLE							

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd	V	Cr	Mn	Fe%	Hf	Ni
Z12-4F3	**W1350210**	56.71	58.35	1.64	wacke, weathered diorite, trace pyrite	< 0.1	36	39.5	122	1.26	2.9	20.2
Z12-4F3	**W1350211**	58.35	61.54	3.19	weathered syenite, trace graphite, trace pyrite	< 0.1	22	20.8	151	1.15	3	6.1
Z12-4F3	**W1350212**	61.54	62.39	0.85	dark syenite slightly conductive overprint, trace pyrite	< 0.1	39	61.7	120	2.25	2.9	14.2
Z12-4F3	**W1350213**	62.39	65.00	2.61	weathered graphitic breccia, trace pyrite	< 0.1	23	32.5	147	1.09	0.9	10.6
Z12-4F3	**W1350214**	65.00	67.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	38	76	263	1.7	2.2	29.7
Z12-4F3	**W1350215**	67.00	69.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	29	46.4	187	0.92	2	11.4
Z12-4F3	**W1350216**	69.00	71.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	29	13.7	223	1.54	0.5	12.6
Z12-4F3	**W1350217**	71.00	73.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	20	46.3	139	1.44	2	7.7
Z12-4F3	**W1350218**	73.00	75.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	23	13.7	146	1.47	1.4	10.7
Z12-4F3	**W1350219**	75.00	76.85	1.85	weathered graphitic breccia, trace pyrite	< 0.1	22	44.9	157	1.42	4	13.9
Z12-4F3	**W1350220**	76.85	79.00	2.15	weathered graphitic breccia, trace pyrite	< 0.1	23	15.4	122	1.54	1.9	10.1
Z12-4F3	**W1350221**	79.00	81.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	26	99.9	140	1.26	2.8	11.3
Z12-4F3	**W1350222**	81.00	83.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	83	73.5	361	3.64	1.1	49.6
Z12-4F3	**W1350223**	83.00	85.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	34	44.5	152	1.96	2.5	35.7
Z12-4F3	**W1350224**	85.00	87.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	41	23.8	157	2.11	2.8	28
Z12-4F3	**W1350225**	**87.00**	**QC**		**J600090 Pulp 4.1% C (med)**	< 0.1	27	39.8	326	1.83	2.4	13.4
Z12-4F3	**W1350226**	87.00	89.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	49	41.8	92	1.79	2.5	20.8
Z12-4F3	**W1350227**	89.00	91.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	33	35.5	147	1.76	2.1	14.5
Z12-4F3	**W1350228**	91.00	93.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	33	53.6	131	1.73	3.1	16.1
Z12-4F3	**W1350229**	93.00	95.00	2.00	graphitic breccia, trace pyrite	< 0.1	53	74.6	155	2.1	2.2	18.8
Z12-4F3	**W1350230**	95.00	97.00	2.00	graphitic breccia, trace pyrite	< 0.1	23	55.3	77	0.9	2.5	5.6
Z12-4F3	**W1350231**	97.00	99.00	2.00	graphitic breccia, trace pyrite	< 0.1	35	13.2	100	1.14	2.1	14.9
Z12-4F3	**W1350232**	99.00	101.80	2.80	graphitic breccia, trace pyrite	< 0.1	33	65.1	125	1.22	2.8	16
Z12-4F3	**W1350233**	101.80	104.50	2.70	graphitic breccia, trace pyrite	< 0.1	41	21.3	155	1.7	2.8	14.3
Z12-4F3	**W1350234**	104.50	105.72	1.22	syenite/biotite chlorite schist	< 0.1	52	50.9	257	3.36	2.5	28.6
Z12-4F3	**W1350235**	105.72	108.00	2.28	graphitic overprinted mafic dyke	0.1	44	21.4	1330	5.4	7.1	52.2
Z12-4F3	**W1350236**	108.00	110.00	2.00	graphitic overprinted mafic dyke	0.1	37	32.9	1610	5.73	9.8	19
Z12-4F3	**W1350237**	110.00	112.00	2.00	graphitic overprinted mafic dyke	0.2	32	12.1	1580	5.5	10.9	13.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd	V	Cr	Mn	Fe%	Hf	Ni
Z12-4F3	**W1350238**	112.00	114.00	2.00	graphitic overprinted mafic dyke	0.2	35	36.5	1670	5.58	10.9	12.8
Z12-4F3	**W1350239**	114.00	116.00	2.00	graphitic overprinted mafic dyke	0.1	21	17.3	1610	5.37	11.8	8.3
Z12-4F3	**W1350240**	116.00	118.00	2.00	graphitic overprinted mafic dyke	0.2	20	30.7	1570	5.19	10.8	10.2
Z12-4F3	**W1350241**	118.00	120.00	2.00	graphitic overprinted mafic dyke	0.1	17	12.8	1630	5.12	6.5	6.3
Z12-4F3	**W1350242**	120.00	123.00	3.00	graphitic overprinted mafic dyke	0.2	11	27.6	1630	5.12	8.5	3.5
Z12-4F3	**W1350243**	123.00	125.00	2.00	graphitic overprinted mafic dyke	0.1	14	11.1	1670	5.01	11.6	4
Z12-4F3	**W1350244**	125.00	127.00	2.00	graphitic overprinted mafic dyke	0.1	18	23.9	1500	4.97	5.5	5.1
Z12-4F3	**W1350245**	127.00	129.00	2.00	graphitic overprinted mafic dyke	0.2	18	11.8	1530	5.37	10.9	6.6
Z12-4F3	**W1350246**	129.00	131.00	2.00	graphitic overprinted mafic dyke	0.3	28	26.2	1630	5.42	9.9	14.1
Z12-4F3	**W1350247**	131.00	133.50	2.50	graphitic overprinted mafic dyke	0.1	32	15.8	1440	5.06	8.7	14.5
Z12-4F3	**W1350248**	133.50	135.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	38	29.3	432	2.1	2.8	6.8
Z12-4F3	**W1350249**	135.00	137.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	15	69.3	212	1.55	3.3	10.7
Z12-4F3	**W1350250**	**137.00**	**QC**		**J600100 Pulp: 10% C (high)**	< 0.1	19	36.4	221	1.31	2.2	10.2
Z12-4F3	**W1350251**	137.00	139.09	2.09	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	24	18.8	381	2.41	3.7	5.6
Z12-4F3	**W1350252**	139.09	141.00	1.91	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	30	85.9	322	1.68	2.3	8.4
Z12-4F3	**W1350253**	141.00	143.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	26	21.3	318	1.78	2.5	6.6
Z12-4F3	**W1350254**	143.00	145.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	32	85.6	328	1.79	2.7	14.2
Z12-4F3	**W1350255**	145.00	147.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	24	41.8	294	2.02	2.4	17
Z12-4F3	**W1350256**	147.00	149.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	23	82.6	272	1.61	2.8	9.6
Z12-4F3	**W1350257**	149.00	151.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	14	24	184	1.2	2.5	4
Z12-4F3	**W1350258**	151.00	153.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	22	71.9	243	1.32	2.5	7.5
Z12-4F3	**W1350259**	153.00	155.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	22	23.4	308	1.85	2.7	11.6
Z12-4F3	**W1350260**	155.00	157.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	56	211	440	2.2	2.8	110
Z12-4F3	**W1350261**	157.00	159.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	23	84.2	293	1.59	2.9	12.4
Z12-4F3	**W1350262**	159.00	161.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	15	18.7	180	1.18	2.3	9.6
Z12-4F3	**W1350263**	161.00	163.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	36	96.1	391	1.81	2.5	21
Z12-4F3	**W1350264**	163.00	165.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	25	22.5	267	1.82	2.5	10.9
Z12-4F3	**W1350265**	165.00	167.07	2.07	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	64	228	573	2.93	3.7	113

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd	V	Cr	Mn	Fe%	Hf	Ni
Z12-4F3	**W1350266**	167.07	168.43	1.36	graphitic overprinted syenitic gneiss, graphite vein, trace pyrite	0.2	42	161	516	2.33	2.4	85.1
Z12-4F3	**W1350267**	168.43	170.00	1.57	graphitic overprinted syenitic gneiss, trace pyrite	0.2	14	28.1	180	1.14	2.2	10.8
Z12-4F3	**W1350268**	170.00	172.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	7	30.1	162	0.8	2.3	3.3
Z12-4F3	**W1350269**	172.00	174.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	10	5.8	243	1.09	2.7	2.7
Z12-4F3	**W1350270**	174.00	176.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	10	66	217	0.93	2.8	3.2
Z12-4F3	**W1350271**	176.00	177.00	1.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	5	4.2	479	1.57	8.5	8.5
Z12-4F3	**W1350272**	177.00	179.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	24	46.4	267	1.71	2.8	12.1
Z12-4F3	**W1350273**	179.00	181.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	< 0.1	30	17.3	220	1.71	2.6	10.8
Z12-4F3	**W1350274**	181.00	183.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	< 0.1	29	64.7	292	1.89	2.6	13.5
Z12-4F3	**W1350275**	**183.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.1	4	7.2	2570	8.31	2.6	4.5
Z12-4F3	**W1350276**	183.00	185.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	31	18.5	412	2.1	2.8	17
Z12-4F3	**W1350277**	185.00	187.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	57	90.2	506	2.43	2.9	40.3
Z12-4F3	**W1350278**	187.00	188.70	1.70	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	27	21.3	271	1.58	2.3	11.9
Z12-4F3	**W1350279**	188.70	191.00	2.30	graphitic brecciated syenitic gneiss, intense fracturing, trace pyrite	< 0.1	24	50	325	2.17	3.2	15.6
Z12-4F3	**W1350280**	191.00	193.00	2.00	graphitic brecciated syenitic gneiss, strong fracturing, trace pyrite	< 0.1	38	19.4	280	2.05	2.3	12.2
Z12-4F3	**W1350281**	193.00	194.85	1.85	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	23	59.4	260	1.77	2.3	14.2
Z12-4F3	**W1350282**	194.85	196.00	1.15	graphitic brecciated syenitic gneiss, mafic dyke, trace pyrite/pyrotite	0.1	37	24.3	1380	5.51	8.9	19
Z12-4F3	**W1350283**	196.00	197.23	1.23	graphitic brecciated syenitic gneiss, trace pyrite	0.2	34	27	1460	5.51	8.9	12.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd	V	Cr	Mn	Fe%	Hf	Ni
Z12-4F3	**W1350284**	197.23	199.00	1.77	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	37	41.2	298	2.18	2.8	45.7
Z12-4F3	**W1350285**	199.00	201.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	43	122	564	2.33	2.4	63.3
Z12-4F3	**W1350286**	201.00	203.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	29	14.3	238	1.89	2.4	7.8
Z12-4F3	**W1350287**	203.00	205.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	14	54.1	261	1.59	2.8	14.7
Z12-4F3	**W1350288**	205.00	207.00	2.00	graphitic brecciated syenitic gneiss, graphic dyke, trace pyrite	< 0.1	74	117	688	3.13	3.6	91.8
Z12-4F3	**W1350289**	207.00	209.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	27	59.2	319	1.77	2.2	20.5
Z12-4F3	**W1350290**	209.00	211.37	2.37	graphitic brecciated syenitic gneiss, trace pyrite	0.2	43	75.4	459	2.33	3.3	39.4
Z12-4F3	**W1350291**	211.37	213.00	1.63	graphitic overprinted syenitic gneiss, trace pyrite	0.3	11	30	270	1.23	2.4	2.7
Z12-4F3	**W1350292**	213.00	215.00	2.00	graphitic brecciated syenitic gneiss, moderate fracture, trace pyrite	0.8	20	19.1	287	1.3	2.4	13
Z12-4F3	**W1350293**	215.00	217.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	22	57.3	293	1.55	2.5	17.3
Z12-4F3	**W1350294**	217.00	219.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	19	24.3	195	1.39	2.3	8.8
Z12-4F3	**W1350295**	219.00	221.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	10	42.8	146	0.82	1.9	5.7
Z12-4F3	**W1350296**	221.00	223.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	14	17.2	243	1.5	2.8	11.8
Z12-4F3	**W1350297**	223.00	225.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	19	80.7	321	1.64	2.2	19.8
Z12-4F3	**W1350298**	225.00	227.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.3	41	54.1	657	2.52	4.3	28.8
Z12-4F3	**W1350299**	227.00	229.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	21	73.9	392	1.63	2.5	22.2
Z12-4F3	**W1350300**	**229.00**	**QC**		**J600090 Pulp 4.1% C (med)**	< 0.1	20	33.1	332	1.71	2.3	11.9
Z12-4F3	**W1350301**	229.00	231.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	13	16	408	1.19	2.3	12.9
Z12-4F3	**W1350302**	231.00	233.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	15	36.3	252	1.15	2	6.3
Z12-4F3	**W1350303**	233.00	235.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	17	17.8	288	1.58	2.4	12.4
Z12-4F3	**W1350304**	235.00	237.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	13	49.6	185	1.07	2	5
Z12-4F3	**W1350305**	237.00	239.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	17	28.1	403	1.71	4.1	17.8
Z12-4F3	**W1350306**	239.00	241.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	12	60	216	1.2	2.3	11.4
Z12-4F3	**W1350307**	241.00	243.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	11	14.3	135	1.11	2.4	4
Z12-4F3	**W1350308**	243.00	245.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	6	70.5	142	0.86	2.3	2.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd	V	Cr	Mn	Fe%	Hf	Ni
Z12-4F3	**W1350309**	245.00	247.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	9	21.3	139	1.11	2.4	3.8
Z12-4F3	**W1350310**	247.00	248.40	1.40	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	10	81.7	226	1.2	2.2	24.1
Z12-4F3	**W1350311**	248.40	249.75	1.35	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	14	120	236	1.4	2.1	13.1
Z12-4F3	**W1350312**	**249.75**	**250.31**	**0.56**	**fine graphite-rich lump**	< 0.1	17	55.7	327	1.57	2.3	11.2
Z12-4F3	**W1350313**	250.31	252.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	7	85.4	232	1.05	1.5	4.9
Z12-4F3	**W1350314**	252.00	253.50	1.50	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	9	20.6	165	1.21	2.6	5.3
Z12-4F3	**W1350315**	253.50	255.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	7	64	158	1.06	2.3	7.3
Z12-4F3	**W1350316**	**255.00**	**255.68**	**0.68**	**fine graphite-rich lump**	< 0.1	13	71.9	199	1.37	2.4	8.5
Z12-4F3	**W1350317**	255.68	257.00	1.32	fracture zone, intense	< 0.1	16	67.4	543	3.11	2.8	9
Z12-4F3	**W1350318**	257.00	259.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	19	47.1	582	3.14	3.7	6.6
Z12-4F3	**W1350319**	259.00	261.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	61	280	593	2.34	2.6	78.6
Z12-4F3	**W1350320**	261.00	263.00	2.00	mafic dyke	< 0.1	12	53	625	3.12	3	4.5
Z12-4F3	**W1350321**	263.00	265.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	10	69.5	351	1.15	1.8	5.2
Z12-4F3	**W1350322**	265.00	267.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	9	11.9	271	1.15	2.8	3.9
Z12-4F3	**W1350323**	267.00	269.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	9	14.8	303	1.1	2.9	8.3
Z12-4F3	**W1350324**	269.00	271.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.3	7	10.2	229	0.98	2.8	8.5
Z12-4F3	**W1350325**	**271.00**	**QC**		**J600100 Pulp: 10% C (high)**	< 0.1	14	27.6	227	1.42	2.2	10.1
Z12-4F3	**W1350326**	271.00	273.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	8	19.9	215	1.21	2.5	2.2
Z12-4F3	**W1350327**	273.00	275.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	6	6.8	292	1.13	2.6	1.5
Z12-4F3	**W1350328**	275.00	277.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	7	32	298	1.12	7.9	1.5
Z12-4F3	**W1350329**	277.00	279.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	5	5.1	224	0.97	2.4	1.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd	V	Cr	Mn	Fe%	Hf	Ni
Z12-4F3	**W1350330**	279.00	282.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	5	8.6	300	0.96	4.5	1.7
Z12-4F3	**W1350331**	282.00	285.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	22	52.8	451	1.6	2.9	21.1
Z12-4F3	**W1350332**	285.00	288.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	39	72.5	475	2.11	2.4	42.7
Z12-4F3	**W1350333**	288.00	291.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	5	15.2	249	1.05	2.2	2.6
Z12-4F3	**W1350334**	291.00	294.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	6	6.6	252	1.07	2.3	2.1
Z12-4F3	**W1350335**	294.00	297.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	6	19.5	282	1.06	2.2	1.9
Z12-4F3	**W1350336**	297.00	300.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	6	13.4	265	1.08	2	2.4
Z12-4F3	**W1350337**	300.00	303.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	8	28.4	253	1.05	1.9	2.8
Z12-4F3	**W1350338**	303.00	306.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	6	10.7	412	2.07	6.4	2.4
Z12-4F3	**W1350339**	306.00	309.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	2	7.4	876	3.22	8.9	0.8
Z12-4F3	**W1350340**	309.00	312.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	2	9.6	848	3.13	9.1	1.8
Z12-4F3	**W1350341**	312.00	315.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	8	10.2	380	1.42	4.7	1.9
Z12-4F3	**W1350342**	315.00	318.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	6	12.6	388	1.25	2.3	2.3
Z12-4F3	**W1350343**	318.00	321.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	7	9.7	256	1.07	2	2.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd	V	Cr	Mn	Fe%	Hf	Ni
Z12-4F3	**W1350344**	321.00	324.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	10	17	368	1.06	2.5	5.9
Z12-4F3	**W1350345**	324.00	327.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	14	15.7	393	1.36	2.6	14
Z12-4F3	**W1350346**	327.00	330.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	43	113	1060	2.66	2.8	33.4
Z12-4F3	**W1350347**	330.00	333.00	3.00	graphitic overprinted syenitic gneiss, intense fracturing, trace pyrite	< 0.1	23	39.8	424	2.03	5.2	31.8
Z12-4F3	**W1350348**	333.00	336.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	10	18.9	531	1.79	6.8	2.9
Z12-4F3	**W1350349**	336.00	339.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.2	49	112	877	3.78	9.9	52.9
Z12-4F3	**W1350350**	**339.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.1	3	19	2450	7.82	2.8	4.7
Z12-4F3	**W1350351**	339.00	342.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.2	1	10.5	993	3.1	8.4	0.8
Z12-4F3	**W1350352**	342.00	345.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.2	2	67	1140	3.47	9.1	1.7
Z12-4F3	**W1350353**	345.00	348.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.3	1	8.9	877	3.39	9	1.1
Z12-4F3	**W1350354**	348.00	351.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.1	1	36.4	502	2.54	7.8	1.8
Z12-4F3	**W1350355**	351.00	354.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.2	3	32.7	1200	4.21	8.3	1
Z12-4F3	**W1350356**	354.00	357.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.2	1	71.1	1290	4.27	8.6	1.5
Z12-4F3	**W1350362**	398.00	400.00	2.00	shear zone, intense fracture	0.2	2	49.8	949	3.48	4.7	1.4
Z12-4F3	**W1350363**	400.00	402.00	2.00	shear zone, intense fracture	0.5	1	10.4	1050	3.66	5.5	1.1
Z12-4F3	**W1350364**	402.00	404.00	2.00	shear zone, moderate fracture	0.3	3	12.8	969	3.43	6.4	1.4
Z12-4F3	**W1350365**	404.00	406.00	2.00	shear zone, intense fracture, pyrite blebs	0.2	111	52.3	1270	6.63	5.8	20.7
Z12-4F3	**W1350366**	406.00	408.00	2.00	shear zone, weak fracture, mafic dyke	0.2	251	131	1640	9.71	3.4	142
Z12-4F3	**W1350367**	408.00	410.00	2.00	shear zone, weak fracture	0.3	386	121	1800	10	2.9	136
Z12-4F3	**W1350368**	410.00	412.00	2.00	shear zone, weak fracture, biotite chlorite magnetite schist pyrite blebs	0.3	141	353	3480	7.87	2.2	689
Z12-4F3	**W1350369**	412.00	414.00	2.00	shear zone, weak fracture	0.3	322	80.9	1900	9.77	2.4	76.1
Z12-4F3	**W1350370**	414.00	416.00	2.00	shear zone, weak fracture, mafic dyke	0.3	267	99.9	2240	9.54	2.1	125

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd	V	Cr	Mn	Fe%	Hf	Ni
Z12-4F3	**W1350371**	416.00	418.00	2.00	shear zone, weak fracture, mafic dyke, biotite chlorite schist	0.1	176	665	2520	10	2.9	741
Z12-4F3	**W1350372**	418.00	420.00	2.00	shear zone, weak fracture	0.2	195	430	2530	9.14	3.2	485
Z12-4F3	**W1350373**	420.00	422.00	2.00	shear zone, weak fracture	0.1	233	171	2200	9.38	4.4	251
Z12-4F3	**W1350374**	422.00	424.00	2.00	shear zone, weak fracture, biotite chlorite schist	0.1	219	216	2210	9.39	3.3	302
Z12-4F3	**W1350375**	**424.00**	**QC**		**J600090 Pulp 4.1% C (med)**	< 0.1	20	30.3	321	1.65	2.1	13.5
Z12-4F3	**W1350376**	424.00	427.00	3.00	shear zone, intense fracture, biotite chlorite schist	0.1	230	60.6	1520	10.1	1.7	54.4
Z12-4F3	**W1350377**	427.00	429.00	2.00	shear zone, weak fracture, syenite	0.3	21	8.1	476	1.48	3.7	4.1
Z12-4F3	**W1350378**	429.00	431.00	2.00	shear zone, weak fracture, syenite/biotite chlorite schist	0.2	70	677	2050	4.87	2.1	237
Z12-4F3	**W1350379**	431.00	433.00	2.00	shear zone, weak fracture, syenite with 20cm biotite chlorite schist	0.1	30	156	826	2.22	2.5	56.1
Z12-4F3	**W1350380**	433.00	436.00	3.00	syenite with small fault	0.2	39	17.3	360	1.75	2.9	5.7
Z12-4F3	**W1350381**	436.00	439.00	3.00	syenite	0.2	3	5.1	850	2.73	5.4	1
Z12-4F3	**W1350382**	439.00	442.00	3.00	syenite with small fault	0.4	1	3	1160	4.35	6.2	1.3
Z12-4F3	**W1350383**	442.00	445.00	3.00	syenite with small fault	0.5	21	7.8	533	2.2	3.1	3.5
Z12-4F3	**W1350384**	445.00	448.00	3.00	syenite with small fault	0.3	21	8.1	532	3.06	3.4	3.1
Z12-4F3	**W1350385**	448.00	451.00	3.00	syenite with small fault	< 0.1	7	7.9	273	1.04	2.7	7.4
Z12-4F3	**W1350386**	458.50	461.00	2.50	very dark, greasy mafic dyke	0.2	56	350	1380	7.16	1.3	589
					END OF HOLE							

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Er	Be	Ho	Ag	Cs	Co	Eu
Z12-4F3	**W1350210**	56.71	58.35	1.64	wacke, weathered diorite, trace pyrite	2.3	4.4	0.8	0.1	3.62	6.7	1.1
Z12-4F3	**W1350211**	58.35	61.54	3.19	weathered syenite, trace graphite, trace pyrite	2.8	3.9	1	0.07	4.67	3	0.74
Z12-4F3	**W1350212**	61.54	62.39	0.85	dark syenite slightly conductive overprint, trace pyrite	1.6	4	0.5	0.12	5.23	5.6	0.9
Z12-4F3	**W1350213**	62.39	65.00	2.61	weathered graphitic breccia, trace pyrite	2.6	4.4	0.9	0.09	3.59	3.6	1.08
Z12-4F3	**W1350214**	65.00	67.00	2.00	weathered graphitic breccia, trace pyrite	1.6	3.9	0.6	0.05	5.92	5.9	2.53
Z12-4F3	**W1350215**	67.00	69.00	2.00	weathered graphitic breccia, trace pyrite	2.4	3.4	0.9	< 0.05	2.72	3.6	1.6
Z12-4F3	**W1350216**	69.00	71.00	2.00	weathered graphitic breccia, trace pyrite	2.9	4.9	1.2	< 0.05	3.23	4.3	1.91
Z12-4F3	**W1350217**	71.00	73.00	2.00	weathered graphitic breccia, trace pyrite	1.4	4	0.5	0.13	3.17	2.8	0.83
Z12-4F3	**W1350218**	73.00	75.00	2.00	weathered graphitic breccia, trace pyrite	5.8	5.6	1.8	< 0.05	4.06	5	1.57
Z12-4F3	**W1350219**	75.00	76.85	1.85	weathered graphitic breccia, trace pyrite	2.2	3.4	0.7	< 0.05	4	6.1	0.82
Z12-4F3	**W1350220**	76.85	79.00	2.15	weathered graphitic breccia, trace pyrite	0.7	3	0.3	0.07	3.14	4.4	0.56
Z12-4F3	**W1350221**	79.00	81.00	2.00	weathered graphitic breccia, trace pyrite	0.7	2	0.2	< 0.05	3.05	5.4	0.65
Z12-4F3	**W1350222**	81.00	83.00	2.00	weathered graphitic breccia, trace pyrite	4.9	5.3	1.9	< 0.05	4.16	7.8	2.92
Z12-4F3	**W1350223**	83.00	85.00	2.00	weathered graphitic breccia, trace pyrite	1	3.2	0.4	0.07	4.83	8.5	0.94
Z12-4F3	**W1350224**	85.00	87.00	2.00	weathered graphitic breccia, trace pyrite	2.1	3.6	0.7	0.07	3.79	10	1.33
Z12-4F3	**W1350225**	**87.00**	**QC**		**J600090 Pulp 4.1% C (med)**	1.3	3	0.5	< 0.05	3.14	4.5	0.76
Z12-4F3	**W1350226**	87.00	89.00	2.00	weathered graphitic breccia, trace pyrite	2.6	4.5	1	< 0.05	3.15	4.2	1.61
Z12-4F3	**W1350227**	89.00	91.00	2.00	weathered graphitic breccia, trace pyrite	1.5	4.3	0.6	< 0.05	2.99	4.3	1.79
Z12-4F3	**W1350228**	91.00	93.00	2.00	weathered graphitic breccia, trace pyrite	2.5	3.8	0.9	0.08	4.15	6.7	1.18
Z12-4F3	**W1350229**	93.00	95.00	2.00	graphitic breccia, trace pyrite	2.8	4.5	1	< 0.05	4.86	4.7	1.66
Z12-4F3	**W1350230**	95.00	97.00	2.00	graphitic breccia, trace pyrite	0.8	2.4	0.3	< 0.05	2.94	2.1	0.74
Z12-4F3	**W1350231**	97.00	99.00	2.00	graphitic breccia, trace pyrite	0.8	2.2	0.3	0.07	3.08	9.3	0.79
Z12-4F3	**W1350232**	99.00	101.80	2.80	graphitic breccia, trace pyrite	1.1	3.1	0.4	< 0.05	3.61	7	0.74
Z12-4F3	**W1350233**	101.80	104.50	2.70	graphitic breccia, trace pyrite	2.2	4.5	1	< 0.05	3.35	7.8	4.11
Z12-4F3	**W1350234**	104.50	105.72	1.22	syenite/biotite chlorite schist	1.3	6.6	0.4	< 0.05	8.3	9.3	0.88
Z12-4F3	**W1350235**	105.72	108.00	2.28	graphitic overprinted mafic dyke	5.4	7.3	1.8	< 0.05	5.79	18.7	2.88
Z12-4F3	**W1350236**	108.00	110.00	2.00	graphitic overprinted mafic dyke	5.4	6.1	1.9	< 0.05	5.62	12.8	3.03
Z12-4F3	**W1350237**	110.00	112.00	2.00	graphitic overprinted mafic dyke	4.7	5.8	1.6	< 0.05	4.62	11.4	2.82

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Er	Be	Ho	Ag	Cs	Co	Eu
Z12-4F3	**W1350238**	112.00	114.00	2.00	graphitic overprinted mafic dyke	4.9	7.1	1.6	< 0.05	5.27	10.5	2.76
Z12-4F3	**W1350239**	114.00	116.00	2.00	graphitic overprinted mafic dyke	5.2	6.3	1.8	< 0.05	6.25	8	3.04
Z12-4F3	**W1350240**	116.00	118.00	2.00	graphitic overprinted mafic dyke	6.7	7.3	2.3	< 0.05	5.53	8.1	2.87
Z12-4F3	**W1350241**	118.00	120.00	2.00	graphitic overprinted mafic dyke	5.2	7.7	1.7	< 0.05	4.82	6.9	2.58
Z12-4F3	**W1350242**	120.00	123.00	3.00	graphitic overprinted mafic dyke	4.8	6.3	1.6	< 0.05	4.93	6.1	2.55
Z12-4F3	**W1350243**	123.00	125.00	2.00	graphitic overprinted mafic dyke	5.9	7.1	2	< 0.05	5.47	6	3.08
Z12-4F3	**W1350244**	125.00	127.00	2.00	graphitic overprinted mafic dyke	5.6	7.3	1.9	< 0.05	5.39	6.9	2.87
Z12-4F3	**W1350245**	127.00	129.00	2.00	graphitic overprinted mafic dyke	5.1	7.1	1.8	< 0.05	5.65	8.2	3.08
Z12-4F3	**W1350246**	129.00	131.00	2.00	graphitic overprinted mafic dyke	6.4	5.8	2.2	< 0.05	5	11.3	3.7
Z12-4F3	**W1350247**	131.00	133.50	2.50	graphitic overprinted mafic dyke	4.9	5.4	1.7	< 0.05	6.18	10.9	2.84
Z12-4F3	**W1350248**	133.50	135.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	2.2	4.6	0.8	< 0.05	2.26	4.3	1.4
Z12-4F3	**W1350249**	135.00	137.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.2	1.9	0.5	< 0.05	2.73	3.9	0.78
Z12-4F3	**W1350250**	**137.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.7	2.2	0.3	< 0.05	1.45	3.4	0.49
Z12-4F3	**W1350251**	137.00	139.09	2.09	graphitic brecciated syenitic gneiss, trace pyrite	1.6	3	0.6	< 0.05	3.28	5.2	0.96
Z12-4F3	**W1350252**	139.09	141.00	1.91	graphitic brecciated syenitic gneiss, trace pyrite	1.7	3.5	0.6	< 0.05	3.5	5.1	1.01
Z12-4F3	**W1350253**	141.00	143.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2	3.2	0.7	< 0.05	3.34	4.8	0.99
Z12-4F3	**W1350254**	143.00	145.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.6	3.5	0.6	0.08	3.57	5.5	0.82
Z12-4F3	**W1350255**	145.00	147.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1	2	0.4	< 0.05	3.65	6.1	1.01
Z12-4F3	**W1350256**	147.00	149.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.2	2.6	0.4	< 0.05	2.73	4.6	1.2
Z12-4F3	**W1350257**	149.00	151.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.9	1.9	0.3	0.05	2.65	3	0.57
Z12-4F3	**W1350258**	151.00	153.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1	1.4	0.3	< 0.05	2.9	4.6	0.63
Z12-4F3	**W1350259**	153.00	155.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1	3.6	0.4	< 0.05	2.95	6.4	0.96
Z12-4F3	**W1350260**	155.00	157.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.5	6.7	0.5	< 0.05	3.43	14.8	1.36
Z12-4F3	**W1350261**	157.00	159.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.1	3	0.4	< 0.05	3.29	4.8	0.67
Z12-4F3	**W1350262**	159.00	161.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.8	2.4	0.3	0.07	2.22	3.4	0.59
Z12-4F3	**W1350263**	161.00	163.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.6	4.4	0.5	< 0.05	2.86	6.8	1
Z12-4F3	**W1350264**	163.00	165.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1	2.4	0.4	< 0.05	3.58	5.6	0.65
Z12-4F3	**W1350265**	165.00	167.07	2.07	graphitic brecciated syenitic gneiss, trace pyrite	1.4	2.6	0.5	< 0.05	4.89	15.8	1.64

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HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Er	Be	Ho	Ag	Cs	Co	Eu
Z12-4F3	**W1350266**	167.07	168.43	1.36	graphitic overprinted syenitic gneiss, graphite vein, trace pyrite	0.9	2.9	0.3	0.1	3.98	15	0.55
Z12-4F3	**W1350267**	168.43	170.00	1.57	graphitic overprinted syenitic gneiss, trace pyrite	0.9	2.2	0.3	0.08	2.41	3	0.47
Z12-4F3	**W1350268**	170.00	172.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.7	1.6	0.2	0.08	2.33	1.5	0.43
Z12-4F3	**W1350269**	172.00	174.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1	1.7	0.4	0.1	2.37	1.9	0.52
Z12-4F3	**W1350270**	174.00	176.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.5	1.8	0.2	0.11	2.31	2.3	0.34
Z12-4F3	**W1350271**	176.00	177.00	1.00	graphitic overprinted syenitic gneiss, trace pyrite	12	14.5	4.2	0.06	2.76	2.3	2.06
Z12-4F3	**W1350272**	177.00	179.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.2	2.2	0.4	0.15	3.74	5.1	0.75
Z12-4F3	**W1350273**	179.00	181.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	1.4	2.9	0.5	0.14	3.75	5.5	0.66
Z12-4F3	**W1350274**	181.00	183.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	1.3	3.3	0.5	0.06	4.2	6	0.79
Z12-4F3	**W1350275**	**183.00**	**QC**		**M760121 Pulp: REE/C Blank**	2	3.8	0.8	< 0.05	2.61	16.2	4.55
Z12-4F3	**W1350276**	183.00	185.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.8	5	1.4	< 0.05	3.69	7.4	1.29
Z12-4F3	**W1350277**	185.00	187.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.6	3.7	0.5	< 0.05	4.27	11.1	0.96
Z12-4F3	**W1350278**	187.00	188.70	1.70	graphitic brecciated syenitic gneiss, trace pyrite	0.7	1.8	0.3	< 0.05	3.72	5.3	0.48
Z12-4F3	**W1350279**	188.70	191.00	2.30	graphitic brecciated syenitic gneiss, intense fracturing, trace pyrite	1.6	2.9	0.6	< 0.05	4.37	6.3	0.95
Z12-4F3	**W1350280**	191.00	193.00	2.00	graphitic brecciated syenitic gneiss, strong fracturing, trace pyrite	0.9	2.9	0.3	0.08	3.74	6.4	0.67
Z12-4F3	**W1350281**	193.00	194.85	1.85	graphitic brecciated syenitic gneiss, trace pyrite	0.9	2.5	0.3	< 0.05	3.01	5.5	0.76
Z12-4F3	**W1350282**	194.85	196.00	1.15	graphitic brecciated syenitic gneiss, mafic dyke, trace pyrite/pyrotite	4.7	7.4	1.6	< 0.05	6.51	12.3	2.72
Z12-4F3	**W1350283**	196.00	197.23	1.23	graphitic brecciated syenitic gneiss, trace pyrite	4.7	6.5	1.5	< 0.05	5.89	11.1	3.04

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Er	Be	Ho	Ag	Cs	Co	Eu
Z12-4F3	**W1350284**	197.23	199.00	1.77	graphitic brecciated syenitic gneiss, trace pyrite	1.5	3.8	0.5	0.12	3.65	9.6	0.85
Z12-4F3	**W1350285**	199.00	201.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.5	5.2	0.5	< 0.05	4.01	11.5	1.52
Z12-4F3	**W1350286**	201.00	203.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.5	2.5	0.5	0.07	2.77	5.4	0.93
Z12-4F3	**W1350287**	203.00	205.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1	2.6	0.4	< 0.05	2.56	4.8	0.87
Z12-4F3	**W1350288**	205.00	207.00	2.00	graphitic brecciated syenitic gneiss, graphic dyke, trace pyrite	2.3	3.9	0.8	< 0.05	4.34	15.6	1.47
Z12-4F3	**W1350289**	207.00	209.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.2	3	0.4	< 0.05	3.05	6.1	0.82
Z12-4F3	**W1350290**	209.00	211.37	2.37	graphitic brecciated syenitic gneiss, trace pyrite	2.5	4.8	0.9	< 0.05	4.08	9.4	1.52
Z12-4F3	**W1350291**	211.37	213.00	1.63	graphitic overprinted syenitic gneiss, trace pyrite	2.3	3.5	0.9	0.09	2.34	2.6	1.41
Z12-4F3	**W1350292**	213.00	215.00	2.00	graphitic brecciated syenitic gneiss, moderate fracture, trace pyrite	2.7	5.5	0.9	0.14	3.64	4.1	1.3
Z12-4F3	**W1350293**	215.00	217.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.1	2.3	0.4	< 0.05	3.83	5	0.75
Z12-4F3	**W1350294**	217.00	219.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.6	2.1	0.2	0.06	3.21	3.9	0.55
Z12-4F3	**W1350295**	219.00	221.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.7	1.7	0.2	< 0.05	2.33	1.8	0.62
Z12-4F3	**W1350296**	221.00	223.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.5	4.5	0.5	< 0.05	2.83	5.6	1.03
Z12-4F3	**W1350297**	223.00	225.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.6	4.2	0.6	< 0.05	3.86	5	1.09
Z12-4F3	**W1350298**	225.00	227.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3	6.2	1	< 0.05	4.38	7.1	1.64
Z12-4F3	**W1350299**	227.00	229.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.5	3.4	0.5	< 0.05	3.33	6.1	0.76
Z12-4F3	**W1350300**	**229.00**	**QC**		**J600090 Pulp 4.1% C (med)**	1.3	2.9	0.5	< 0.05	3.02	4.2	0.81
Z12-4F3	**W1350301**	229.00	231.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.4	5.1	1.1	< 0.05	2.65	3.4	1.21
Z12-4F3	**W1350302**	231.00	233.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.6	3.1	0.6	< 0.05	2.64	2.8	0.71
Z12-4F3	**W1350303**	233.00	235.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.3	3.2	0.4	< 0.05	3.33	4.3	0.76
Z12-4F3	**W1350304**	235.00	237.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.1	2.8	0.4	< 0.05	2.26	2.6	0.56
Z12-4F3	**W1350305**	237.00	239.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.6	4.6	0.9	< 0.05	3.27	4.2	1.12
Z12-4F3	**W1350306**	239.00	241.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.4	3.5	0.5	< 0.05	2.92	3.2	0.64
Z12-4F3	**W1350307**	241.00	243.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.1	2.1	0.4	0.17	2.97	1.8	0.51
Z12-4F3	**W1350308**	243.00	245.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.4	1.8	0.2	< 0.05	2.54	2.1	0.28

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HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Er	Be	Ho	Ag	Cs	Co	Eu
Z12-4F3	**W1350309**	245.00	247.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.8	1.6	0.3	< 0.05	2.75	2.3	0.58
Z12-4F3	**W1350310**	247.00	248.40	1.40	graphitic brecciated syenitic gneiss, trace pyrite	0.7	2.1	0.3	0.05	4.06	3.2	0.51
Z12-4F3	**W1350311**	248.40	249.75	1.35	graphitic brecciated syenitic gneiss, trace pyrite	1.1	2.2	0.4	0.21	3.45	3.2	0.63
Z12-4F3	**W1350312**	**249.75**	**250.31**	**0.56**	**fine graphite-rich lump**	1	2.4	0.4	< 0.05	3.08	2.3	0.87
Z12-4F3	**W1350313**	250.31	252.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	0.7	2.1	0.3	0.06	2.4	2.1	0.83
Z12-4F3	**W1350314**	252.00	253.50	1.50	graphitic brecciated syenitic gneiss, trace pyrite	1	2.1	0.3	< 0.05	3.01	2.1	0.57
Z12-4F3	**W1350315**	253.50	255.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	1	2	0.3	< 0.05	3.2	2.6	0.58
Z12-4F3	**W1350316**	**255.00**	**255.68**	**0.68**	**fine graphite-rich lump**	0.8	2.2	0.3	< 0.05	3.23	3.1	0.65
Z12-4F3	**W1350317**	255.68	257.00	1.32	fracture zone, intense	2.1	3.9	0.7	0.06	3.6	6	1.47
Z12-4F3	**W1350318**	257.00	259.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.9	3.6	1	< 0.05	5.42	6.5	2.5
Z12-4F3	**W1350319**	259.00	261.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	5.9	8.5	1.8	0.07	6.44	9.5	1.58
Z12-4F3	**W1350320**	261.00	263.00	2.00	mafic dyke	2.7	4.1	0.9	< 0.05	3.31	6.2	1.8
Z12-4F3	**W1350321**	263.00	265.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	3	3.6	1.1	0.05	3.74	1.9	1.11
Z12-4F3	**W1350322**	265.00	267.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.7	3.7	0.6	0.08	3.01	1.8	1
Z12-4F3	**W1350323**	267.00	269.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	2	3.7	0.7	< 0.05	3.06	2.3	1.41
Z12-4F3	**W1350324**	269.00	271.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.4	3.1	0.5	0.15	2.9	3	1.29
Z12-4F3	**W1350325**	**271.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.9	2.1	0.3	< 0.05	1.47	3.6	0.71
Z12-4F3	**W1350326**	271.00	273.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.7	1.7	0.2	0.09	3.17	1.9	0.77
Z12-4F3	**W1350327**	273.00	275.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	3.3	6	1.3	< 0.05	3	1.6	1.74
Z12-4F3	**W1350328**	275.00	277.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	4.7	7.4	1.5	< 0.05	3.37	1.4	0.84
Z12-4F3	**W1350329**	277.00	279.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.8	1.5	0.3	0.06	2.77	1.4	0.44

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Er	Be	Ho	Ag	Cs	Co	Eu
Z12-4F3	**W1350330**	279.00	282.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	2	4.3	0.6	< 0.05	3.03	1.1	0.94
Z12-4F3	**W1350331**	282.00	285.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	2.6	5.7	1.1	< 0.05	5.06	5.7	2.44
Z12-4F3	**W1350332**	285.00	288.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.4	3.4	0.5	< 0.05	5.98	9.1	1.25
Z12-4F3	**W1350333**	288.00	291.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1	2.6	0.4	< 0.05	2.64	1.7	1.51
Z12-4F3	**W1350334**	291.00	294.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.4	3.9	0.5	0.05	3.33	1.5	1.04
Z12-4F3	**W1350335**	294.00	297.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	2.4	5.1	0.8	< 0.05	2.81	1.8	1.36
Z12-4F3	**W1350336**	297.00	300.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.8	4.4	0.7	< 0.05	2.31	2	1.14
Z12-4F3	**W1350337**	300.00	303.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.3	4.1	0.5	0.16	3.09	1.9	1.29
Z12-4F3	**W1350338**	303.00	306.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	2.9	6.6	0.9	< 0.05	5.94	1.8	0.85
Z12-4F3	**W1350339**	306.00	309.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	5.7	12.3	1.8	< 0.05	8.3	1	1.17
Z12-4F3	**W1350340**	309.00	312.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	4.9	7.7	1.7	< 0.05	7.53	1.7	1.75
Z12-4F3	**W1350341**	312.00	315.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	2.9	5.4	1	< 0.05	4.35	2	1.32
Z12-4F3	**W1350342**	315.00	318.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.7	3.4	0.6	0.07	3.06	2.1	0.78
Z12-4F3	**W1350343**	318.00	321.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.9	2.4	0.3	0.06	2.76	1.7	0.67

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Er	Be	Ho	Ag	Cs	Co	Eu
Z12-4F3	**W1350344**	321.00	324.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.9	3.9	0.7	< 0.05	3.22	2.2	1.5
Z12-4F3	**W1350345**	324.00	327.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.6	3.2	0.6	0.11	3.19	3.8	1.34
Z12-4F3	**W1350346**	327.00	330.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	4.5	8	1.8	< 0.05	5.04	10	2.72
Z12-4F3	**W1350347**	330.00	333.00	3.00	graphitic overprinted syenitic gneiss, intense fracturing, trace pyrite	2.9	4.4	1	< 0.05	4.63	7	1.39
Z12-4F3	**W1350348**	333.00	336.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	3.9	7.2	1.3	< 0.05	3.01	1.7	1.53
Z12-4F3	**W1350349**	336.00	339.00	3.00	nepheline syenite, trace pyrite/pyrotite	5	7.2	1.7	< 0.05	9.36	12.9	1.23
Z12-4F3	**W1350350**	**339.00**	**QC**		**M760121 Pulp: REE/C Blank**	1.9	3.3	0.7	< 0.05	2.5	15.5	4.37
Z12-4F3	**W1350351**	339.00	342.00	3.00	nepheline syenite, trace pyrite/pyrotite	5.5	5.3	1.9	< 0.05	4.22	0.5	1.61
Z12-4F3	**W1350352**	342.00	345.00	3.00	nepheline syenite, trace pyrite/pyrotite	5.8	6	1.9	< 0.05	4.42	0.8	1.11
Z12-4F3	**W1350353**	345.00	348.00	3.00	nepheline syenite, trace pyrite/pyrotite	5.1	5.4	1.8	< 0.05	4.48	0.7	1.09
Z12-4F3	**W1350354**	348.00	351.00	3.00	nepheline syenite, trace pyrite/pyrotite	4.7	4.9	1.7	0.1	4.13	0.7	1.57
Z12-4F3	**W1350355**	351.00	354.00	3.00	nepheline syenite, trace pyrite/pyrotite	5.5	5.9	1.8	< 0.05	4.65	0.7	1.37
Z12-4F3	**W1350356**	354.00	357.00	3.00	nepheline syenite, trace pyrite/pyrotite	6	5.9	2	< 0.05	4.95	0.7	1.57
Z12-4F3	**W1350362**	398.00	400.00	2.00	shear zone, intense fracture	9.1	11.3	2.8	< 0.05	6.39	1.6	2.33
Z12-4F3	**W1350363**	400.00	402.00	2.00	shear zone, intense fracture	6.4	7.2	2	< 0.05	6.71	1.6	1.74
Z12-4F3	**W1350364**	402.00	404.00	2.00	shear zone, moderate fracture	4	6	1.3	< 0.05	4.84	2.7	1.16
Z12-4F3	**W1350365**	404.00	406.00	2.00	shear zone, intense fracture, pyrite blebs	5.4	8.5	1.7	< 0.05	5.49	17.2	1.71
Z12-4F3	**W1350366**	406.00	408.00	2.00	shear zone, weak fracture, mafic dyke	3.8	2.9	1.3	0.11	7.23	50	1.57
Z12-4F3	**W1350367**	408.00	410.00	2.00	shear zone, weak fracture	3.7	2.6	1.2	0.19	13.7	60.2	1.65
Z12-4F3	**W1350368**	410.00	412.00	2.00	shear zone, weak fracture, biotite chlorite magnetite schist pyrite blebs	10.7	10.5	3.2	0.65	38.8	67.2	2.49
Z12-4F3	**W1350369**	412.00	414.00	2.00	shear zone, weak fracture	3.7	2.8	1.2	0.2	7.98	48.3	1.4
Z12-4F3	**W1350370**	414.00	416.00	2.00	shear zone, weak fracture, mafic dyke	3.7	3.6	1.2	0.21	10.9	51.1	1.39

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Er	Be	Ho	Ag	Cs	Co	Eu
Z12-4F3	**W1350371**	416.00	418.00	2.00	shear zone, weak fracture, mafic dyke, biotite chlorite schist	4.5	10	1.4	< 0.05	28.1	78.9	2.87
Z12-4F3	**W1350372**	418.00	420.00	2.00	shear zone, weak fracture	4.7	11.8	1.5	0.29	15.1	60	3.21
Z12-4F3	**W1350373**	420.00	422.00	2.00	shear zone, weak fracture	4.8	6.6	1.5	0.08	10.6	50.1	2.05
Z12-4F3	**W1350374**	422.00	424.00	2.00	shear zone, weak fracture, biotite chlorite schist	6.1	10.5	2.2	0.25	18.2	57.6	5.76
Z12-4F3	**W1350375**	**424.00**	**QC**		**J600090 Pulp 4.1% C (med)**	1.4	2.8	0.5	0.07	3.04	4.4	0.8
Z12-4F3	**W1350376**	424.00	427.00	3.00	shear zone, intense fracture, biotite chlorite schist	3.4	4.4	1.2	0.26	8.26	43.4	1.83
Z12-4F3	**W1350377**	427.00	429.00	2.00	shear zone, weak fracture, syenite	2.9	6.4	0.9	< 0.05	2.23	3.3	1.64
Z12-4F3	**W1350378**	429.00	431.00	2.00	shear zone, weak fracture, syenite/biotite chlorite schist	3.5	11.1	1.3	< 0.05	15.3	31.7	2.49
Z12-4F3	**W1350379**	431.00	433.00	2.00	shear zone, weak fracture, syenite with 20cm biotite chlorite schist	2.2	5.7	0.8	< 0.05	7.18	8.9	1.14
Z12-4F3	**W1350380**	433.00	436.00	3.00	syenite with small fault	2.7	5.1	1	< 0.05	2.84	5.2	1.14
Z12-4F3	**W1350381**	436.00	439.00	3.00	syenite	3.5	4	1.2	< 0.05	3.52	2.8	1.96
Z12-4F3	**W1350382**	439.00	442.00	3.00	syenite with small fault	9.8	10.6	3.5	< 0.05	4.02	3.8	4.12
Z12-4F3	**W1350383**	442.00	445.00	3.00	syenite with small fault	1.9	2.4	0.7	< 0.05	3.02	3.9	1.66
Z12-4F3	**W1350384**	445.00	448.00	3.00	syenite with small fault	1.1	2.3	0.4	< 0.05	7.37	5.5	0.64
Z12-4F3	**W1350385**	448.00	451.00	3.00	syenite with small fault	1.1	2.8	0.4	< 0.05	3.19	2	0.72
Z12-4F3	**W1350386**	458.50	461.00	2.50	very dark, greasy mafic dyke	4.1	10.9	1.5	< 0.05	19.1	46.7	2.64
					END OF HOLE							

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Bi	Se	Zn	Ga	As	Rb	Y
Z12-4F3	**W1350210**	56.71	58.35	1.64	wacke, weathered diorite, trace pyrite	0.46	0.6	98.2	17.1	5.6	56.2	23.7
Z12-4F3	**W1350211**	58.35	61.54	3.19	weathered syenite, trace graphite, trace pyrite	0.03	0.3	29.8	15.8	1.8	59.3	30.1
Z12-4F3	**W1350212**	61.54	62.39	0.85	dark syenite slightly conductive overprint, trace pyrite	0.15	0.3	23.2	19.7	7	85.7	16.7
Z12-4F3	**W1350213**	62.39	65.00	2.61	weathered graphitic breccia, trace pyrite	0.07	0.5	34.3	13.6	0.9	49.1	28.9
Z12-4F3	**W1350214**	65.00	67.00	2.00	weathered graphitic breccia, trace pyrite	0.09	< 0.1	46.3	16.4	1.1	85.4	19.2
Z12-4F3	**W1350215**	67.00	69.00	2.00	weathered graphitic breccia, trace pyrite	0.1	0.7	31.4	19.5	1.8	53.5	31.3
Z12-4F3	**W1350216**	69.00	71.00	2.00	weathered graphitic breccia, trace pyrite	0.2	0.5	32.9	15.8	3.7	56.9	35.4
Z12-4F3	**W1350217**	71.00	73.00	2.00	weathered graphitic breccia, trace pyrite	0.08	< 0.1	21.6	16.2	< 0.1	67.5	17
Z12-4F3	**W1350218**	73.00	75.00	2.00	weathered graphitic breccia, trace pyrite	0.09	0.8	40.9	20	0.9	76.1	57
Z12-4F3	**W1350219**	75.00	76.85	1.85	weathered graphitic breccia, trace pyrite	0.05	0.2	42.2	20.2	1.2	62.6	23.9
Z12-4F3	**W1350220**	76.85	79.00	2.15	weathered graphitic breccia, trace pyrite	0.11	< 0.1	21.9	18.2	0.3	51	8.1
Z12-4F3	**W1350221**	79.00	81.00	2.00	weathered graphitic breccia, trace pyrite	0.16	< 0.1	18.6	19.1	2.4	66.5	6.6
Z12-4F3	**W1350222**	81.00	83.00	2.00	weathered graphitic breccia, trace pyrite	0.2	1.1	46.6	24	4.7	78.5	58.6
Z12-4F3	**W1350223**	83.00	85.00	2.00	weathered graphitic breccia, trace pyrite	0.14	< 0.1	26.6	17.5	2.6	73.8	11.2
Z12-4F3	**W1350224**	85.00	87.00	2.00	weathered graphitic breccia, trace pyrite	0.17	0.2	32.3	19.9	2.5	72.3	23.9
Z12-4F3	**W1350225**	**87.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.06	0.1	39.9	23.5	1.2	121	16.4
Z12-4F3	**W1350226**	87.00	89.00	2.00	weathered graphitic breccia, trace pyrite	0.18	0.6	21	18.2	2.7	78.4	32.4
Z12-4F3	**W1350227**	89.00	91.00	2.00	weathered graphitic breccia, trace pyrite	0.16	0.3	14.5	24.9	2.8	89.3	20.4
Z12-4F3	**W1350228**	91.00	93.00	2.00	weathered graphitic breccia, trace pyrite	0.24	0.1	20.7	20.3	2.7	77.4	26.9
Z12-4F3	**W1350229**	93.00	95.00	2.00	graphitic breccia, trace pyrite	0.16	0.7	31.6	21.5	1.8	111	33.4
Z12-4F3	**W1350230**	95.00	97.00	2.00	graphitic breccia, trace pyrite	0.21	< 0.1	12.8	20	0.4	87.3	8.5
Z12-4F3	**W1350231**	97.00	99.00	2.00	graphitic breccia, trace pyrite	0.07	< 0.1	19.9	21.8	0.7	73.7	9.2
Z12-4F3	**W1350232**	99.00	101.80	2.80	graphitic breccia, trace pyrite	0.19	0.2	18.8	20.7	2.3	66.1	11.2
Z12-4F3	**W1350233**	101.80	104.50	2.70	graphitic breccia, trace pyrite	0.18	0.5	23.9	19.4	3.2	79.1	24.8
Z12-4F3	**W1350234**	104.50	105.72	1.22	syenite/biotite chlorite schist	0.09	< 0.1	55.5	25	3.1	116	14.6
Z12-4F3	**W1350235**	105.72	108.00	2.28	graphitic overprinted mafic dyke	0.13	1.5	131	27.5	9.5	176	58.2
Z12-4F3	**W1350236**	108.00	110.00	2.00	graphitic overprinted mafic dyke	0.1	0.9	133	22.2	2.4	165	52
Z12-4F3	**W1350237**	110.00	112.00	2.00	graphitic overprinted mafic dyke	0.06	0.9	141	22.6	7.8	162	44.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Bi	Se	Zn	Ga	As	Rb	Y
Z12-4F3	**W1350238**	112.00	114.00	2.00	graphitic overprinted mafic dyke	< 0.02	1	159	31.6	3.8	192	51.9
Z12-4F3	**W1350239**	114.00	116.00	2.00	graphitic overprinted mafic dyke	0.04	1	154	26.8	3	193	53.9
Z12-4F3	**W1350240**	116.00	118.00	2.00	graphitic overprinted mafic dyke	< 0.02	2.5	153	27.6	3.8	223	71.1
Z12-4F3	**W1350241**	118.00	120.00	2.00	graphitic overprinted mafic dyke	< 0.02	1	161	30.6	10.1	169	53.7
Z12-4F3	**W1350242**	120.00	123.00	3.00	graphitic overprinted mafic dyke	0.03	0.6	144	24.1	4.7	162	46.7
Z12-4F3	**W1350243**	123.00	125.00	2.00	graphitic overprinted mafic dyke	0.06	1.2	157	31.1	4.1	210	59.1
Z12-4F3	**W1350244**	125.00	127.00	2.00	graphitic overprinted mafic dyke	0.03	1.6	151	28.5	3.5	204	57.2
Z12-4F3	**W1350245**	127.00	129.00	2.00	graphitic overprinted mafic dyke	0.35	1.4	145	24	3.8	155	52.2
Z12-4F3	**W1350246**	129.00	131.00	2.00	graphitic overprinted mafic dyke	0.02	1.6	197	28.8	4.7	173	65.1
Z12-4F3	**W1350247**	131.00	133.50	2.50	graphitic overprinted mafic dyke	< 0.02	1	126	21	2.6	176	48.7
Z12-4F3	**W1350248**	133.50	135.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	0.08	0.5	46.4	23.8	2.5	85.3	25.9
Z12-4F3	**W1350249**	135.00	137.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	< 0.1	34	18.2	1.3	81.3	13.7
Z12-4F3	**W1350250**	**137.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.11	< 0.1	23.5	19	0.6	51.7	8.4
Z12-4F3	**W1350251**	137.00	139.09	2.09	graphitic brecciated syenitic gneiss, trace pyrite	0.05	0.1	38	18.7	1.4	90.4	16.5
Z12-4F3	**W1350252**	139.09	141.00	1.91	graphitic brecciated syenitic gneiss, trace pyrite	0.04	0.5	47.3	23	1.4	93.8	20.2
Z12-4F3	**W1350253**	141.00	143.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.08	0.3	33.1	18.9	3.1	85.2	21.9
Z12-4F3	**W1350254**	143.00	145.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.1	36.5	20	1.6	98.1	18
Z12-4F3	**W1350255**	145.00	147.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.09	< 0.1	44	16	2.1	106	11.2
Z12-4F3	**W1350256**	147.00	149.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.07	0.1	28.1	20	1.4	79.2	13.8
Z12-4F3	**W1350257**	149.00	151.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.03	0.6	28.8	21.1	0.9	92	10.8
Z12-4F3	**W1350258**	151.00	153.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.03	< 0.1	34.6	20.4	1	89.6	11.7
Z12-4F3	**W1350259**	153.00	155.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.08	< 0.1	35.8	17.2	2.2	82.7	11.2
Z12-4F3	**W1350260**	155.00	157.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.24	0.1	52.6	17.3	10.5	80	17.1
Z12-4F3	**W1350261**	157.00	159.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.13	0.2	24.7	19.7	2.8	74.6	11.7
Z12-4F3	**W1350262**	159.00	161.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.05	< 0.1	26	14.5	1.4	80.7	9.6
Z12-4F3	**W1350263**	161.00	163.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.08	0.3	43.4	20.6	1.5	92.3	17.8
Z12-4F3	**W1350264**	163.00	165.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.03	< 0.1	50.1	15	1.5	89.5	10.9
Z12-4F3	**W1350265**	165.00	167.07	2.07	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.3	78.3	20.1	13	109	17.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Bi	Se	Zn	Ga	As	Rb	Y
Z12-4F3	**W1350266**	167.07	168.43	1.36	graphitic overprinted syenitic gneiss, graphite vein, trace pyrite	0.06	0.2	112	16.2	7.7	74.2	10.1
Z12-4F3	**W1350267**	168.43	170.00	1.57	graphitic overprinted syenitic gneiss, trace pyrite	< 0.02	< 0.1	87.3	18.4	1.4	78.8	9.7
Z12-4F3	**W1350268**	170.00	172.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.02	< 0.1	70.5	15	< 0.1	80.7	7.6
Z12-4F3	**W1350269**	172.00	174.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.02	< 0.1	75.7	15.3	0.9	108	9.9
Z12-4F3	**W1350270**	174.00	176.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.02	< 0.1	91.8	17.9	1.8	75.3	5.7
Z12-4F3	**W1350271**	176.00	177.00	1.00	graphitic overprinted syenitic gneiss, trace pyrite	0.09	2.7	45.9	21.9	5.8	114	110
Z12-4F3	**W1350272**	177.00	179.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.32	0.2	40.3	16.8	10.3	103	13
Z12-4F3	**W1350273**	179.00	181.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	0.13	0.2	35	20.1	4.4	101	15.8
Z12-4F3	**W1350274**	181.00	183.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	0.14	< 0.1	27.8	17.2	3.1	79.3	14.5
Z12-4F3	**W1350275**	**183.00**	**QC**		**M760121 Pulp: REE/C Blank**	< 0.02	0.7	153	36.5	7.9	106	23.3
Z12-4F3	**W1350276**	183.00	185.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.23	1.1	44	18	7.3	85.1	38.6
Z12-4F3	**W1350277**	185.00	187.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.16	0.4	68.2	22.5	6.4	103	18.1
Z12-4F3	**W1350278**	187.00	188.70	1.70	graphitic brecciated syenitic gneiss, trace pyrite	0.13	0.2	31.6	19.5	3.2	73.6	8.4
Z12-4F3	**W1350279**	188.70	191.00	2.30	graphitic brecciated syenitic gneiss, intense fracturing, trace pyrite	0.13	0.2	53.6	17.6	3.2	90.6	17.7
Z12-4F3	**W1350280**	191.00	193.00	2.00	graphitic brecciated syenitic gneiss, strong fracturing, trace pyrite	0.14	0.3	42	22.1	2.4	98.3	11.4
Z12-4F3	**W1350281**	193.00	194.85	1.85	graphitic brecciated syenitic gneiss, trace pyrite	0.08	< 0.1	63.4	19.7	1.8	89.6	10
Z12-4F3	**W1350282**	194.85	196.00	1.15	graphitic brecciated syenitic gneiss, mafic dyke, trace pyrite/pyrotite	0.02	1.1	120	24.7	3	190	48.7
Z12-4F3	**W1350283**	196.00	197.23	1.23	graphitic brecciated syenitic gneiss, trace pyrite	0.04	1	179	29.1	3.2	133	48.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Bi	Se	Zn	Ga	As	Rb	Y
Z12-4F3	**W1350284**	197.23	199.00	1.77	graphitic brecciated syenitic gneiss, trace pyrite	0.09	0.4	33.6	18	5.2	107	15.6
Z12-4F3	**W1350285**	199.00	201.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.19	< 0.1	38.7	20.5	5.3	99.1	17.5
Z12-4F3	**W1350286**	201.00	203.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.4	31.1	18.5	1	88.2	17.5
Z12-4F3	**W1350287**	203.00	205.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.09	< 0.1	26.5	16.7	2.1	93.6	11.4
Z12-4F3	**W1350288**	205.00	207.00	2.00	graphitic brecciated syenitic gneiss, graphic dyke, trace pyrite	0.31	0.7	68.3	16.8	8.8	113	26.4
Z12-4F3	**W1350289**	207.00	209.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.07	< 0.1	40.4	18.9	3.5	94.3	14.9
Z12-4F3	**W1350290**	209.00	211.37	2.37	graphitic brecciated syenitic gneiss, trace pyrite	0.14	0.4	96.9	22.1	3.8	97.1	29.1
Z12-4F3	**W1350291**	211.37	213.00	1.63	graphitic overprinted syenitic gneiss, trace pyrite	< 0.02	0.6	148	17.7	1.4	56.9	22.1
Z12-4F3	**W1350292**	213.00	215.00	2.00	graphitic brecciated syenitic gneiss, moderate fracture, trace pyrite	0.04	0.6	246	22	15.6	98.7	30.8
Z12-4F3	**W1350293**	215.00	217.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.04	0.1	38.8	18.9	4.9	78.3	12.1
Z12-4F3	**W1350294**	217.00	219.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.02	< 0.1	53.5	20.1	1.6	82.4	7.1
Z12-4F3	**W1350295**	219.00	221.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.03	< 0.1	31.9	18.6	< 0.1	67.9	7.4
Z12-4F3	**W1350296**	221.00	223.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.07	0.4	54.4	19.2	1.6	108	17.8
Z12-4F3	**W1350297**	223.00	225.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.11	< 0.1	29.4	17.9	4.5	104	17.9
Z12-4F3	**W1350298**	225.00	227.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.05	0.9	100	22.3	16.3	124	35.3
Z12-4F3	**W1350299**	227.00	229.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.08	< 0.1	57.6	16.3	4.3	112	12.1
Z12-4F3	**W1350300**	**229.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.08	< 0.1	36.5	19.8	1.5	85.9	14.8
Z12-4F3	**W1350301**	229.00	231.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.06	0.3	33.4	16.2	4.9	93.4	35.6
Z12-4F3	**W1350302**	231.00	233.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.04	0.2	69.5	19.7	1.2	101	18.7
Z12-4F3	**W1350303**	233.00	235.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.05	< 0.1	35.2	17.7	1.3	88.8	13.3
Z12-4F3	**W1350304**	235.00	237.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.02	0.2	20.4	19.2	0.6	113	13.1
Z12-4F3	**W1350305**	237.00	239.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.08	0.4	46	18	2	99.3	28
Z12-4F3	**W1350306**	239.00	241.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.09	0.3	41.7	18.4	4	113	18.2
Z12-4F3	**W1350307**	241.00	243.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.17	0.1	16.4	20.5	6.3	106	13.3
Z12-4F3	**W1350308**	243.00	245.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.05	< 0.1	41	15.3	2.3	68.5	4.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Bi	Se	Zn	Ga	As	Rb	Y
Z12-4F3	**W1350309**	245.00	247.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.06	< 0.1	20.2	20.9	1.7	80.1	10.1
Z12-4F3	**W1350310**	247.00	248.40	1.40	graphitic brecciated syenitic gneiss, trace pyrite	0.07	< 0.1	36.4	16.7	3.8	89.8	8.4
Z12-4F3	**W1350311**	248.40	249.75	1.35	graphitic brecciated syenitic gneiss, trace pyrite	0.1	< 0.1	35	18.6	6.5	112	13.3
Z12-4F3	**W1350312**	**249.75**	**250.31**	**0.56**	**fine graphite-rich lump**	0.08	< 0.1	20.7	17.4	1.7	80.5	11.9
Z12-4F3	**W1350313**	250.31	252.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	0.06	< 0.1	40.7	17	1	93.4	8.5
Z12-4F3	**W1350314**	252.00	253.50	1.50	graphitic brecciated syenitic gneiss, trace pyrite	0.09	< 0.1	18.9	20.4	1.4	98.4	11.7
Z12-4F3	**W1350315**	253.50	255.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	0.11	< 0.1	13.2	14.1	0.8	98.1	9.8
Z12-4F3	**W1350316**	**255.00**	**255.68**	**0.68**	**fine graphite-rich lump**	0.12	< 0.1	12.4	19.1	0.5	101	9.7
Z12-4F3	**W1350317**	255.68	257.00	1.32	fracture zone, intense	0.06	< 0.1	21.5	15.2	3.5	97.6	19.4
Z12-4F3	**W1350318**	257.00	259.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.05	0.3	61.3	22.6	2.5	131	29.6
Z12-4F3	**W1350319**	259.00	261.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.14	1.1	42.3	21.2	12.7	182	59.3
Z12-4F3	**W1350320**	261.00	263.00	2.00	mafic dyke	0.03	0.4	45.7	16.6	3.9	104	30.7
Z12-4F3	**W1350321**	263.00	265.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.02	0.6	42.4	18.7	6.4	143	33.5
Z12-4F3	**W1350322**	265.00	267.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.03	0.2	64.8	22.2	5.8	141	19.7
Z12-4F3	**W1350323**	267.00	269.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.05	< 0.1	82.2	16.7	14.7	120	21.8
Z12-4F3	**W1350324**	269.00	271.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.04	< 0.1	104	21.8	35.4	115	16.6
Z12-4F3	**W1350325**	**271.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.11	< 0.1	21.5	13.7	< 0.1	58.7	9.8
Z12-4F3	**W1350326**	271.00	273.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.03	< 0.1	34.4	22.5	2	122	8.2
Z12-4F3	**W1350327**	273.00	275.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.02	0.7	34.7	15.1	1.4	106	37
Z12-4F3	**W1350328**	275.00	277.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.11	0.6	73.4	25.2	1.9	158	48.5
Z12-4F3	**W1350329**	277.00	279.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.04	< 0.1	36.4	16.6	< 0.1	103	8.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Bi	Se	Zn	Ga	As	Rb	Y
Z12-4F3	**W1350330**	279.00	282.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.22	0.1	49.6	19.2	3.2	137	19.8
Z12-4F3	**W1350331**	282.00	285.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.06	0.7	81	23.5	20.3	169	34.6
Z12-4F3	**W1350332**	285.00	288.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.05	< 0.1	79.8	21.4	12.9	135	16.1
Z12-4F3	**W1350333**	288.00	291.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.03	< 0.1	56.6	11.9	1.3	74.2	11.6
Z12-4F3	**W1350334**	291.00	294.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.02	0.3	62.7	15.9	0.7	101	17
Z12-4F3	**W1350335**	294.00	297.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.03	0.3	75.4	16.4	2.8	92.9	25.1
Z12-4F3	**W1350336**	297.00	300.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.02	< 0.1	49.2	12.7	5.3	93.6	19.4
Z12-4F3	**W1350337**	300.00	303.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.05	0.5	64	16.7	10.1	131	14.6
Z12-4F3	**W1350338**	303.00	306.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.07	0.7	56	23.9	3.8	191	30.4
Z12-4F3	**W1350339**	306.00	309.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.08	1.7	112	26	4.3	288	58.6
Z12-4F3	**W1350340**	309.00	312.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	1.2	118	23.7	7.3	219	50.3
Z12-4F3	**W1350341**	312.00	315.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.09	0.8	70.2	22.9	2.8	154	31.1
Z12-4F3	**W1350342**	315.00	318.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.03	0.5	55.4	16.7	1.4	99.2	18.6
Z12-4F3	**W1350343**	318.00	321.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.02	0.2	40.7	20	3.1	123	10.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Bi	Se	Zn	Ga	As	Rb	Y
Z12-4F3	**W1350344**	321.00	324.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.03	0.2	60.3	18.2	7.5	119	22.8
Z12-4F3	**W1350345**	324.00	327.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.06	< 0.1	86.3	15	18.3	117	17.7
Z12-4F3	**W1350346**	327.00	330.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.06	1	97.8	17.1	10.1	140	48.3
Z12-4F3	**W1350347**	330.00	333.00	3.00	graphitic overprinted syenitic gneiss, intense fracturing, trace pyrite	0.05	0.5	74.3	15.4	13.1	138	29.1
Z12-4F3	**W1350348**	333.00	336.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.08	0.9	104	22.4	12.9	162	43.1
Z12-4F3	**W1350349**	336.00	339.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.06	1	150	25	17.4	274	51.8
Z12-4F3	**W1350350**	**339.00**	**QC**		**M760121 Pulp: REE/C Blank**	< 0.02	0.3	142	45.7	6.6	95.7	19.7
Z12-4F3	**W1350351**	339.00	342.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.07	1.1	109	28.2	4.8	208	60.1
Z12-4F3	**W1350352**	342.00	345.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.05	1.3	130	26.2	5	173	59.2
Z12-4F3	**W1350353**	345.00	348.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.06	0.5	162	23.8	2.8	166	50.1
Z12-4F3	**W1350354**	348.00	351.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.06	0.8	56	25.5	2.9	191	49.4
Z12-4F3	**W1350355**	351.00	354.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.05	1.1	160	25.3	4.1	223	55
Z12-4F3	**W1350356**	354.00	357.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.09	0.9	148	24.2	3.2	200	59.3
Z12-4F3	**W1350362**	398.00	400.00	2.00	shear zone, intense fracture	0.07	1.6	75.1	25.3	1.7	197	86.6
Z12-4F3	**W1350363**	400.00	402.00	2.00	shear zone, intense fracture	0.14	0.8	183	20.7	2.4	159	58.7
Z12-4F3	**W1350364**	402.00	404.00	2.00	shear zone, moderate fracture	0.06	0.9	110	25.5	1.7	224	40
Z12-4F3	**W1350365**	404.00	406.00	2.00	shear zone, intense fracture, pyrite blebs	0.05	0.9	102	20.2	6.8	139	47.1
Z12-4F3	**W1350366**	406.00	408.00	2.00	shear zone, weak fracture, mafic dyke	0.14	0.7	135	13.6	15.9	67.9	34.3
Z12-4F3	**W1350367**	408.00	410.00	2.00	shear zone, weak fracture	0.14	1.1	244	17.2	16.7	145	37.7
Z12-4F3	**W1350368**	410.00	412.00	2.00	shear zone, weak fracture, biotite chlorite magnetite schist pyrite blebs	0.25	2.2	437	< 0.1	287	240	92.4
Z12-4F3	**W1350369**	412.00	414.00	2.00	shear zone, weak fracture	0.08	0.9	195	17.6	10.7	77.6	35.2
Z12-4F3	**W1350370**	414.00	416.00	2.00	shear zone, weak fracture, mafic dyke	0.06	0.8	192	15.2	60.3	92.4	35

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Bi	Se	Zn	Ga	As	Rb	Y
Z12-4F3	**W1350371**	416.00	418.00	2.00	shear zone, weak fracture, mafic dyke, biotite chlorite schist	0.35	1.1	385	5.8	173	236	41.2
Z12-4F3	**W1350372**	418.00	420.00	2.00	shear zone, weak fracture	0.25	0.8	340	9.1	93.9	129	46.9
Z12-4F3	**W1350373**	420.00	422.00	2.00	shear zone, weak fracture	0.26	0.8	210	12.7	19.6	94.8	44.1
Z12-4F3	**W1350374**	422.00	424.00	2.00	shear zone, weak fracture, biotite chlorite schist	0.09	1.7	227	0.6	125	215	63
Z12-4F3	**W1350375**	**424.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.08	< 0.1	43	20.4	1.7	131	16.4
Z12-4F3	**W1350376**	424.00	427.00	3.00	shear zone, intense fracture, biotite chlorite schist	0.1	1.2	113	19	11.6	103	34
Z12-4F3	**W1350377**	427.00	429.00	2.00	shear zone, weak fracture, syenite	0.06	0.3	78.8	20.1	5.1	95	26.8
Z12-4F3	**W1350378**	429.00	431.00	2.00	shear zone, weak fracture, syenite/biotite chlorite schist	0.07	0.8	185	16.7	107	259	38.4
Z12-4F3	**W1350379**	431.00	433.00	2.00	shear zone, weak fracture, syenite with 20cm biotite chlorite schist	0.05	< 0.1	82	19.7	41.2	169	24.8
Z12-4F3	**W1350380**	433.00	436.00	3.00	syenite with small fault	0.05	< 0.1	63.9	21.7	2.6	109	30.7
Z12-4F3	**W1350381**	436.00	439.00	3.00	syenite	0.11	0.3	95.9	22.8	4.3	102	30.4
Z12-4F3	**W1350382**	439.00	442.00	3.00	syenite with small fault	0.11	1.5	136	29.2	5.1	147	110
Z12-4F3	**W1350383**	442.00	445.00	3.00	syenite with small fault	0.06	< 0.1	170	23.3	2.5	102	20
Z12-4F3	**W1350384**	445.00	448.00	3.00	syenite with small fault	0.04	< 0.1	172	26	1.8	190	12.3
Z12-4F3	**W1350385**	448.00	451.00	3.00	syenite with small fault	0.07	< 0.1	41.4	22	2	135	11.6
Z12-4F3	**W1350386**	458.50	461.00	2.50	very dark, greasy mafic dyke	0.65	0.1	241	10.9	105	207	38.8
					END OF HOLE							

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sr	Zr	Nb	Mo	In	Sn	Sb
Z12-4F3	**W1350210**	56.71	58.35	1.64	wacke, weathered diorite, trace pyrite	193	102	17.8	0.2	< 0.1	2	0.4
Z12-4F3	**W1350211**	58.35	61.54	3.19	weathered syenite, trace graphite, trace pyrite	61.2	104	8.2	< 0.1	< 0.1	< 1	0.1
Z12-4F3	**W1350212**	61.54	62.39	0.85	dark syenite slightly conductive overprint, trace pyrite	151	116	10.7	0.6	< 0.1	2	0.4
Z12-4F3	**W1350213**	62.39	65.00	2.61	weathered graphitic breccia, trace pyrite	106	55	6.7	< 0.1	< 0.1	1	< 0.1
Z12-4F3	**W1350214**	65.00	67.00	2.00	weathered graphitic breccia, trace pyrite	157	84	9.4	< 0.1	< 0.1	1	1.2
Z12-4F3	**W1350215**	67.00	69.00	2.00	weathered graphitic breccia, trace pyrite	141	79	23.5	< 0.1	< 0.1	3	0.1
Z12-4F3	**W1350216**	69.00	71.00	2.00	weathered graphitic breccia, trace pyrite	173	29	26.3	0.2	< 0.1	2	0.1
Z12-4F3	**W1350217**	71.00	73.00	2.00	weathered graphitic breccia, trace pyrite	157	82	4	< 0.1	< 0.1	2	< 0.1
Z12-4F3	**W1350218**	73.00	75.00	2.00	weathered graphitic breccia, trace pyrite	173	200	46.2	< 0.1	< 0.1	3	0.1
Z12-4F3	**W1350219**	75.00	76.85	1.85	weathered graphitic breccia, trace pyrite	207	149	18.7	< 0.1	< 0.1	2	0.2
Z12-4F3	**W1350220**	76.85	79.00	2.15	weathered graphitic breccia, trace pyrite	155	69	4.1	< 0.1	< 0.1	1	< 0.1
Z12-4F3	**W1350221**	79.00	81.00	2.00	weathered graphitic breccia, trace pyrite	158	80	15.5	0.6	< 0.1	2	0.2
Z12-4F3	**W1350222**	81.00	83.00	2.00	weathered graphitic breccia, trace pyrite	317	40	60.2	0.2	< 0.1	2	< 0.1
Z12-4F3	**W1350223**	83.00	85.00	2.00	weathered graphitic breccia, trace pyrite	191	85	13.2	0.6	< 0.1	2	0.1
Z12-4F3	**W1350224**	85.00	87.00	2.00	weathered graphitic breccia, trace pyrite	191	90	8.6	6.2	< 0.1	2	0.2
Z12-4F3	**W1350225**	**87.00**	**QC**		**J600090 Pulp 4.1% C (med)**	308	87	18.1	0.5	< 0.1	1	0.2
Z12-4F3	**W1350226**	87.00	89.00	2.00	weathered graphitic breccia, trace pyrite	258	100	17.8	0.7	< 0.1	2	0.1
Z12-4F3	**W1350227**	89.00	91.00	2.00	weathered graphitic breccia, trace pyrite	288	74	23.5	0.6	< 0.1	3	0.2
Z12-4F3	**W1350228**	91.00	93.00	2.00	weathered graphitic breccia, trace pyrite	269	105	8.5	0.7	< 0.1	2	0.5
Z12-4F3	**W1350229**	93.00	95.00	2.00	graphitic breccia, trace pyrite	399	99	29.4	0.3	< 0.1	2	0.1
Z12-4F3	**W1350230**	95.00	97.00	2.00	graphitic breccia, trace pyrite	287	68	10.1	0.8	< 0.1	2	0.1
Z12-4F3	**W1350231**	97.00	99.00	2.00	graphitic breccia, trace pyrite	502	84	14.3	< 0.1	< 0.1	1	0.6
Z12-4F3	**W1350232**	99.00	101.80	2.80	graphitic breccia, trace pyrite	371	108	14.7	0.6	< 0.1	2	0.3
Z12-4F3	**W1350233**	101.80	104.50	2.70	graphitic breccia, trace pyrite	490	108	44	0.9	< 0.1	3	0.4
Z12-4F3	**W1350234**	104.50	105.72	1.22	syenite/biotite chlorite schist	170	80	17.6	0.1	< 0.1	2	0.1
Z12-4F3	**W1350235**	105.72	108.00	2.28	graphitic overprinted mafic dyke	534	454	174	7.5	< 0.1	3	0.2
Z12-4F3	**W1350236**	108.00	110.00	2.00	graphitic overprinted mafic dyke	537	500	198	8	< 0.1	4	< 0.1
Z12-4F3	**W1350237**	110.00	112.00	2.00	graphitic overprinted mafic dyke	486	542	194	9.2	< 0.1	4	0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sr	Zr	Nb	Mo	In	Sn	Sb
Z12-4F3	**W1350238**	112.00	114.00	2.00	graphitic overprinted mafic dyke	569	644	265	9.9	< 0.1	5	0.2
Z12-4F3	**W1350239**	114.00	116.00	2.00	graphitic overprinted mafic dyke	508	576	265	9.5	< 0.1	5	0.2
Z12-4F3	**W1350240**	116.00	118.00	2.00	graphitic overprinted mafic dyke	466	630	293	10.1	< 0.1	5	0.2
Z12-4F3	**W1350241**	118.00	120.00	2.00	graphitic overprinted mafic dyke	463	515	260	11.4	< 0.1	4	0.1
Z12-4F3	**W1350242**	120.00	123.00	3.00	graphitic overprinted mafic dyke	351	525	230	10.6	< 0.1	4	0.1
Z12-4F3	**W1350243**	123.00	125.00	2.00	graphitic overprinted mafic dyke	446	620	303	10.6	< 0.1	5	0.2
Z12-4F3	**W1350244**	125.00	127.00	2.00	graphitic overprinted mafic dyke	462	446	240	9.8	< 0.1	4	0.1
Z12-4F3	**W1350245**	127.00	129.00	2.00	graphitic overprinted mafic dyke	540	573	240	10.4	< 0.1	5	0.2
Z12-4F3	**W1350246**	129.00	131.00	2.00	graphitic overprinted mafic dyke	646	494	95.2	7.4	< 0.1	2	< 0.1
Z12-4F3	**W1350247**	131.00	133.50	2.50	graphitic overprinted mafic dyke	533	463	149	7.9	< 0.1	4	1.6
Z12-4F3	**W1350248**	133.50	135.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	495	119	80.2	4.7	< 0.1	3	0.1
Z12-4F3	**W1350249**	135.00	137.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	293	109	22.8	1.4	< 0.1	< 1	< 0.1
Z12-4F3	**W1350250**	**137.00**	**QC**		**J600100 Pulp: 10% C (high)**	233	83	19.2	0.9	< 0.1	2	0.3
Z12-4F3	**W1350251**	137.00	139.09	2.09	graphitic brecciated syenitic gneiss, trace pyrite	356	160	86.5	3.1	< 0.1	2	< 0.1
Z12-4F3	**W1350252**	139.09	141.00	1.91	graphitic brecciated syenitic gneiss, trace pyrite	402	85	16.7	1.2	< 0.1	1	0.1
Z12-4F3	**W1350253**	141.00	143.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	334	88	14.3	1.5	< 0.1	1	< 0.1
Z12-4F3	**W1350254**	143.00	145.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	358	104	14.9	1.6	< 0.1	1	< 0.1
Z12-4F3	**W1350255**	145.00	147.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	331	76	11.6	0.8	< 0.1	1	< 0.1
Z12-4F3	**W1350256**	147.00	149.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	400	95	16.7	2	< 0.1	2	< 0.1
Z12-4F3	**W1350257**	149.00	151.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	312	81	9.4	1.1	< 0.1	1	< 0.1
Z12-4F3	**W1350258**	151.00	153.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	284	79	8.2	1.3	< 0.1	1	0.1
Z12-4F3	**W1350259**	153.00	155.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	471	84	25	1.5	< 0.1	2	0.2
Z12-4F3	**W1350260**	155.00	157.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	451	109	102	1.9	< 0.1	2	0.2
Z12-4F3	**W1350261**	157.00	159.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	231	99	21.2	1.5	< 0.1	2	0.2
Z12-4F3	**W1350262**	159.00	161.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	225	70	12.3	1.3	< 0.1	< 1	0.1
Z12-4F3	**W1350263**	161.00	163.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	475	89	25.3	0.9	< 0.1	2	0.1
Z12-4F3	**W1350264**	163.00	165.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	351	83	14.4	1	< 0.1	1	0.1
Z12-4F3	**W1350265**	165.00	167.07	2.07	graphitic brecciated syenitic gneiss, trace pyrite	497	135	16.2	2.4	< 0.1	1	0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sr	Zr	Nb	Mo	In	Sn	Sb
Z12-4F3	**W1350266**	167.07	168.43	1.36	graphitic overprinted syenitic gneiss, graphite vein, trace pyrite	300	88	11.2	1.5	< 0.1	2	< 0.1
Z12-4F3	**W1350267**	168.43	170.00	1.57	graphitic overprinted syenitic gneiss, trace pyrite	202	56	5.4	< 0.1	< 0.1	< 1	0.3
Z12-4F3	**W1350268**	170.00	172.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	173	62	6.5	0.4	< 0.1	< 1	< 0.1
Z12-4F3	**W1350269**	172.00	174.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	176	84	9.1	0.8	< 0.1	1	< 0.1
Z12-4F3	**W1350270**	174.00	176.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	128	77	8.2	0.4	< 0.1	1	0.1
Z12-4F3	**W1350271**	176.00	177.00	1.00	graphitic overprinted syenitic gneiss, trace pyrite	90.2	399	29.2	1	< 0.1	4	0.4
Z12-4F3	**W1350272**	177.00	179.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	269	99	19.9	2.6	< 0.1	1	0.2
Z12-4F3	**W1350273**	179.00	181.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	288	109	25.3	1.1	< 0.1	1	0.2
Z12-4F3	**W1350274**	181.00	183.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	268	85	16.7	2.7	< 0.1	1	0.2
Z12-4F3	**W1350275**	**183.00**	**QC**		**M760121 Pulp: REE/C Blank**	> 1000	161	114	3.6	0.1	3	0.5
Z12-4F3	**W1350276**	183.00	185.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	355	85	22.7	2.1	< 0.1	2	0.3
Z12-4F3	**W1350277**	185.00	187.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	546	110	15.8	0.6	< 0.1	2	0.3
Z12-4F3	**W1350278**	187.00	188.70	1.70	graphitic brecciated syenitic gneiss, trace pyrite	261	65	12.6	< 0.1	< 0.1	1	0.2
Z12-4F3	**W1350279**	188.70	191.00	2.30	graphitic brecciated syenitic gneiss, intense fracturing, trace pyrite	303	134	52.1	1.5	< 0.1	2	0.3
Z12-4F3	**W1350280**	191.00	193.00	2.00	graphitic brecciated syenitic gneiss, strong fracturing, trace pyrite	334	101	19.5	1.2	< 0.1	1	0.3
Z12-4F3	**W1350281**	193.00	194.85	1.85	graphitic brecciated syenitic gneiss, trace pyrite	299	81	20.6	0.3	< 0.1	2	0.2
Z12-4F3	**W1350282**	194.85	196.00	1.15	graphitic brecciated syenitic gneiss, mafic dyke, trace pyrite/pyrotite	556	537	219	7.5	< 0.1	4	0.1
Z12-4F3	**W1350283**	196.00	197.23	1.23	graphitic brecciated syenitic gneiss, trace pyrite	483	498	187	7.5	< 0.1	4	0.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sr	Zr	Nb	Mo	In	Sn	Sb
Z12-4F3	**W1350284**	197.23	199.00	1.77	graphitic brecciated syenitic gneiss, trace pyrite	308	111	31.8	1	< 0.1	2	0.2
Z12-4F3	**W1350285**	199.00	201.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	461	78	60.1	0.4	< 0.1	3	0.4
Z12-4F3	**W1350286**	201.00	203.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	378	102	17.2	0.2	< 0.1	2	0.2
Z12-4F3	**W1350287**	203.00	205.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	289	98	32.3	0.5	< 0.1	1	0.2
Z12-4F3	**W1350288**	205.00	207.00	2.00	graphitic brecciated syenitic gneiss, graphic dyke, trace pyrite	427	159	44.7	1.7	< 0.1	4	0.4
Z12-4F3	**W1350289**	207.00	209.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	338	85	19.4	0.9	< 0.1	1	0.1
Z12-4F3	**W1350290**	209.00	211.37	2.37	graphitic brecciated syenitic gneiss, trace pyrite	395	133	43.5	0.9	< 0.1	2	0.2
Z12-4F3	**W1350291**	211.37	213.00	1.63	graphitic overprinted syenitic gneiss, trace pyrite	264	76	8.6	0.3	< 0.1	1	3.3
Z12-4F3	**W1350292**	213.00	215.00	2.00	graphitic brecciated syenitic gneiss, moderate fracture, trace pyrite	333	94	18.2	1.1	< 0.1	2	0.1
Z12-4F3	**W1350293**	215.00	217.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	334	80	15.2	0.7	< 0.1	1	< 0.1
Z12-4F3	**W1350294**	217.00	219.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	338	87	8	< 0.1	< 0.1	< 1	< 0.1
Z12-4F3	**W1350295**	219.00	221.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	211	49	6.5	0.1	< 0.1	< 1	0.1
Z12-4F3	**W1350296**	221.00	223.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	310	123	45.3	1.9	< 0.1	1	0.6
Z12-4F3	**W1350297**	223.00	225.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	312	73	20.2	1.1	< 0.1	1	0.2
Z12-4F3	**W1350298**	225.00	227.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	374	199	68.6	1.1	< 0.1	4	0.2
Z12-4F3	**W1350299**	227.00	229.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	265	93	34.1	0.7	< 0.1	2	0.1
Z12-4F3	**W1350300**	**229.00**	**QC**		**J600090 Pulp 4.1% C (med)**	268	76	16.5	0.2	< 0.1	1	0.2
Z12-4F3	**W1350301**	229.00	231.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	255	59	11	1.5	< 0.1	1	0.1
Z12-4F3	**W1350302**	231.00	233.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	222	65	10.9	< 0.1	< 0.1	1	0.1
Z12-4F3	**W1350303**	233.00	235.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	302	80	15.9	0.1	< 0.1	< 1	< 0.1
Z12-4F3	**W1350304**	235.00	237.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	225	66	13.8	< 0.1	< 0.1	< 1	0.1
Z12-4F3	**W1350305**	237.00	239.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	249	145	32.1	1.1	< 0.1	2	0.1
Z12-4F3	**W1350306**	239.00	241.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	244	87	15.8	0.6	< 0.1	< 1	0.1
Z12-4F3	**W1350307**	241.00	243.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	204	89	12.9	2.7	< 0.1	< 1	< 0.1
Z12-4F3	**W1350308**	243.00	245.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	142	68	14.9	0.4	< 0.1	< 1	< 0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sr	Zr	Nb	Mo	In	Sn	Sb
Z12-4F3	**W1350309**	245.00	247.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	208	79	12.5	1.6	< 0.1	< 1	< 0.1
Z12-4F3	**W1350310**	247.00	248.40	1.40	graphitic brecciated syenitic gneiss, trace pyrite	201	78	12.7	1	< 0.1	< 1	0.1
Z12-4F3	**W1350311**	248.40	249.75	1.35	graphitic brecciated syenitic gneiss, trace pyrite	215	78	14.9	2.5	< 0.1	1	1.5
Z12-4F3	**W1350312**	**249.75**	**250.31**	**0.56**	**fine graphite-rich lump**	166	74	30.6	1.6	< 0.1	2	0.2
Z12-4F3	**W1350313**	250.31	252.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	247	50	14.3	2.7	< 0.1	1	0.2
Z12-4F3	**W1350314**	252.00	253.50	1.50	graphitic brecciated syenitic gneiss, trace pyrite	191	91	14.6	2.2	< 0.1	< 1	0.1
Z12-4F3	**W1350315**	253.50	255.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	184	74	10	1.3	< 0.1	< 1	< 0.1
Z12-4F3	**W1350316**	**255.00**	**255.68**	**0.68**	**fine graphite-rich lump**	184	82	14.4	1.7	< 0.1	< 1	< 0.1
Z12-4F3	**W1350317**	255.68	257.00	1.32	fracture zone, intense	213	124	19.2	2.2	< 0.1	2	< 0.1
Z12-4F3	**W1350318**	257.00	259.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	354	148	37	1.7	< 0.1	6	0.1
Z12-4F3	**W1350319**	259.00	261.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	197	113	39.5	2.2	< 0.1	2	0.3
Z12-4F3	**W1350320**	261.00	263.00	2.00	mafic dyke	365	118	36.7	1.6	< 0.1	1	< 0.1
Z12-4F3	**W1350321**	263.00	265.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	241	63	21.4	1.1	< 0.1	1	< 0.1
Z12-4F3	**W1350322**	265.00	267.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	296	110	14.3	2.8	< 0.1	1	0.1
Z12-4F3	**W1350323**	267.00	269.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	298	102	24.7	0.3	< 0.1	2	0.2
Z12-4F3	**W1350324**	269.00	271.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	319	103	13.7	1	< 0.1	1	0.1
Z12-4F3	**W1350325**	**271.00**	**QC**		**J600100 Pulp: 10% C (high)**	232	77	15.8	1.1	< 0.1	2	0.2
Z12-4F3	**W1350326**	271.00	273.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	264	99	15.4	< 0.1	< 0.1	1	< 0.1
Z12-4F3	**W1350327**	273.00	275.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	220	102	17	0.6	< 0.1	1	< 0.1
Z12-4F3	**W1350328**	275.00	277.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	166	365	87.2	0.2	< 0.1	3	< 0.1
Z12-4F3	**W1350329**	277.00	279.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	146	91	11.4	0.6	< 0.1	< 1	< 0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sr	Zr	Nb	Mo	In	Sn	Sb
Z12-4F3	**W1350330**	279.00	282.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	194	180	51.7	1.2	< 0.1	3	0.1
Z12-4F3	**W1350331**	282.00	285.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	432	118	27	3.2	< 0.1	2	0.1
Z12-4F3	**W1350332**	285.00	288.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	489	85	19.6	1.5	< 0.1	1	< 0.1
Z12-4F3	**W1350333**	288.00	291.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	262	74	13.4	0.1	< 0.1	1	< 0.1
Z12-4F3	**W1350334**	291.00	294.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	255	91	12.5	0.4	< 0.1	1	< 0.1
Z12-4F3	**W1350335**	294.00	297.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	222	79	16.1	0.2	< 0.1	1	< 0.1
Z12-4F3	**W1350336**	297.00	300.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	240	81	17	19.5	< 0.1	1	< 0.1
Z12-4F3	**W1350337**	300.00	303.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	257	78	18.1	3	< 0.1	2	0.2
Z12-4F3	**W1350338**	303.00	306.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	136	268	86.9	1.6	< 0.1	3	0.2
Z12-4F3	**W1350339**	306.00	309.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	82.5	460	145	1.5	< 0.1	6	0.3
Z12-4F3	**W1350340**	309.00	312.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	134	412	147	6.9	< 0.1	5	0.3
Z12-4F3	**W1350341**	312.00	315.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	207	197	46.1	1	< 0.1	3	0.2
Z12-4F3	**W1350342**	315.00	318.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	159	89	19.8	0.8	< 0.1	1	0.2
Z12-4F3	**W1350343**	318.00	321.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	243	80	14.6	0.6	< 0.1	1	< 0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sr	Zr	Nb	Mo	In	Sn	Sb
Z12-4F3	**W1350344**	321.00	324.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	330	88	16	1.2	< 0.1	2	0.1
Z12-4F3	**W1350345**	324.00	327.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	322	86	8.2	3.7	< 0.1	2	0.3
Z12-4F3	**W1350346**	327.00	330.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	447	112	24.9	8.8	< 0.1	4	0.2
Z12-4F3	**W1350347**	330.00	333.00	3.00	graphitic overprinted syenitic gneiss, intense fracturing, trace pyrite	381	225	66.3	1.9	< 0.1	2	0.3
Z12-4F3	**W1350348**	333.00	336.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	212	281	87.7	13.2	< 0.1	4	0.2
Z12-4F3	**W1350349**	336.00	339.00	3.00	nepheline syenite, trace pyrite/pyrotite	241	501	169	5	< 0.1	6	0.3
Z12-4F3	**W1350350**	**339.00**	**QC**		**M760121 Pulp: REE/C Blank**	> 1000	180	472	4.8	< 0.1	3	0.5
Z12-4F3	**W1350351**	339.00	342.00	3.00	nepheline syenite, trace pyrite/pyrotite	40.7	414	113	10.7	< 0.1	5	0.2
Z12-4F3	**W1350352**	342.00	345.00	3.00	nepheline syenite, trace pyrite/pyrotite	35.8	552	170	2	< 0.1	4	0.2
Z12-4F3	**W1350353**	345.00	348.00	3.00	nepheline syenite, trace pyrite/pyrotite	43.6	432	77.8	3.3	0.1	3	0.1
Z12-4F3	**W1350354**	348.00	351.00	3.00	nepheline syenite, trace pyrite/pyrotite	46.3	405	51.8	4.4	< 0.1	4	< 0.1
Z12-4F3	**W1350355**	351.00	354.00	3.00	nepheline syenite, trace pyrite/pyrotite	28.9	475	102	5.6	0.1	4	0.1
Z12-4F3	**W1350356**	354.00	357.00	3.00	nepheline syenite, trace pyrite/pyrotite	33.8	418	154	2.5	0.1	4	0.2
Z12-4F3	**W1350362**	398.00	400.00	2.00	shear zone, intense fracture	83.9	265	71.2	0.7	< 0.1	4	0.2
Z12-4F3	**W1350363**	400.00	402.00	2.00	shear zone, intense fracture	99.7	303	117	0.9	< 0.1	7	0.3
Z12-4F3	**W1350364**	402.00	404.00	2.00	shear zone, moderate fracture	67.3	375	96.2	1.2	0.1	3	0.1
Z12-4F3	**W1350365**	404.00	406.00	2.00	shear zone, intense fracture, pyrite blebs	139	278	89.1	1.6	< 0.1	3	0.4
Z12-4F3	**W1350366**	406.00	408.00	2.00	shear zone, weak fracture, mafic dyke	201	149	29.4	1	< 0.1	2	0.4
Z12-4F3	**W1350367**	408.00	410.00	2.00	shear zone, weak fracture	471	156	16.8	5.4	0.1	9	0.2
Z12-4F3	**W1350368**	410.00	412.00	2.00	shear zone, weak fracture, biotite chlorite magnetite schist pyrite blebs	402	113	129	3.7	< 0.1	12	2
Z12-4F3	**W1350369**	412.00	414.00	2.00	shear zone, weak fracture	287	98	15.3	4.4	< 0.1	5	0.2
Z12-4F3	**W1350370**	414.00	416.00	2.00	shear zone, weak fracture, mafic dyke	271	93	13.5	0.9	< 0.1	7	0.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sr	Zr	Nb	Mo	In	Sn	Sb
Z12-4F3	**W1350371**	416.00	418.00	2.00	shear zone, weak fracture, mafic dyke, biotite chlorite schist	233	105	114	0.4	0.1	24	2
Z12-4F3	**W1350372**	418.00	420.00	2.00	shear zone, weak fracture	662	174	49.4	2.3	0.1	31	1
Z12-4F3	**W1350373**	420.00	422.00	2.00	shear zone, weak fracture	330	197	53.2	1	< 0.1	10	0.5
Z12-4F3	**W1350374**	422.00	424.00	2.00	shear zone, weak fracture, biotite chlorite schist	506	127	93.4	1.3	0.1	17	0.3
Z12-4F3	**W1350375**	**424.00**	**QC**		**J600090 Pulp 4.1% C (med)**	286	89	18.3	0.3	< 0.1	1	0.1
Z12-4F3	**W1350376**	424.00	427.00	3.00	shear zone, intense fracture, biotite chlorite schist	304	59	1	1.3	< 0.1	3	< 0.1
Z12-4F3	**W1350377**	427.00	429.00	2.00	shear zone, weak fracture, syenite	239	143	21.6	2.9	< 0.1	2	0.2
Z12-4F3	**W1350378**	429.00	431.00	2.00	shear zone, weak fracture, syenite/biotite chlorite schist	325	82	23.4	6.6	< 0.1	3	0.7
Z12-4F3	**W1350379**	431.00	433.00	2.00	shear zone, weak fracture, syenite with 20cm biotite chlorite schist	274	98	28.5	2.5	< 0.1	2	< 0.1
Z12-4F3	**W1350380**	433.00	436.00	3.00	syenite with small fault	239	107	16.9	1.6	< 0.1	1	< 0.1
Z12-4F3	**W1350381**	436.00	439.00	3.00	syenite	228	233	69.8	2	< 0.1	4	< 0.1
Z12-4F3	**W1350382**	439.00	442.00	3.00	syenite with small fault	299	314	25.7	0.6	< 0.1	3	< 0.1
Z12-4F3	**W1350383**	442.00	445.00	3.00	syenite with small fault	255	113	16.6	0.8	< 0.1	1	< 0.1
Z12-4F3	**W1350384**	445.00	448.00	3.00	syenite with small fault	182	128	29.4	0.4	< 0.1	2	< 0.1
Z12-4F3	**W1350385**	448.00	451.00	3.00	syenite with small fault	196	93	13.4	0.6	< 0.1	1	< 0.1
Z12-4F3	**W1350386**	458.50	461.00	2.50	very dark, greasy mafic dyke	209	83	1.2	1.7	< 0.1	< 1	< 0.1
					END OF HOLE							

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Te	Ba	La	Ce	Pr	Nd	Sm
Z12-4F3	**W1350210**	56.71	58.35	1.64	wacke, weathered diorite, trace pyrite	0.4	713	65.6	101	9.3	30.9	5.3
Z12-4F3	**W1350211**	58.35	61.54	3.19	weathered syenite, trace graphite, trace pyrite	< 0.1	571	18.3	36.3	3.7	13.8	3.5
Z12-4F3	**W1350212**	61.54	62.39	0.85	dark syenite slightly conductive overprint, trace pyrite	0.3	222	36	60.3	5.8	20.3	3.5
Z12-4F3	**W1350213**	62.39	65.00	2.61	weathered graphitic breccia, trace pyrite	< 0.1	799	40.3	69.7	6.8	23.7	5
Z12-4F3	**W1350214**	65.00	67.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	1140	51.8	133	15.7	62.8	10.7
Z12-4F3	**W1350215**	67.00	69.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	847	64.4	133	13.7	48	7.8
Z12-4F3	**W1350216**	69.00	71.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	1180	58	110	11.8	45.7	8.9
Z12-4F3	**W1350217**	71.00	73.00	2.00	weathered graphitic breccia, trace pyrite	0.1	931	32.1	58.3	5.8	19.9	3.2
Z12-4F3	**W1350218**	73.00	75.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	733	68	127	12.3	40	7.8
Z12-4F3	**W1350219**	75.00	76.85	1.85	weathered graphitic breccia, trace pyrite	< 0.1	605	22.9	44.2	4.6	16.5	3.3
Z12-4F3	**W1350220**	76.85	79.00	2.15	weathered graphitic breccia, trace pyrite	< 0.1	626	30.7	53.7	5.5	18.7	3.1
Z12-4F3	**W1350221**	79.00	81.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	1110	20.3	35.7	3.7	12.4	2
Z12-4F3	**W1350222**	81.00	83.00	2.00	weathered graphitic breccia, trace pyrite	0.1	1040	89.7	179	19.9	73.7	12
Z12-4F3	**W1350223**	83.00	85.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	1040	29.7	53.4	5.4	19.1	3.2
Z12-4F3	**W1350224**	85.00	87.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	773	64.4	110	11.1	37.6	6
Z12-4F3	**W1350225**	**87.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.2	657	22.5	42.7	4.5	15.7	2.8
Z12-4F3	**W1350226**	87.00	89.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	1440	37.9	73.8	8.2	30.6	5.5
Z12-4F3	**W1350227**	89.00	91.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	1250	41.9	85.6	9.8	37.5	7
Z12-4F3	**W1350228**	91.00	93.00	2.00	weathered graphitic breccia, trace pyrite	< 0.1	778	77.6	127	12.1	40.2	6
Z12-4F3	**W1350229**	93.00	95.00	2.00	graphitic breccia, trace pyrite	< 0.1	951	60.6	114	11.9	42	7.3
Z12-4F3	**W1350230**	95.00	97.00	2.00	graphitic breccia, trace pyrite	0.1	662	19.7	36.4	3.9	13.7	2.2
Z12-4F3	**W1350231**	97.00	99.00	2.00	graphitic breccia, trace pyrite	< 0.1	776	23.1	45.5	4.8	16.8	2.6
Z12-4F3	**W1350232**	99.00	101.80	2.80	graphitic breccia, trace pyrite	< 0.1	600	51.1	85.8	7.9	24.6	3.4
Z12-4F3	**W1350233**	101.80	104.50	2.70	graphitic breccia, trace pyrite	0.2	1380	80	180	21.5	81.7	14.1
Z12-4F3	**W1350234**	104.50	105.72	1.22	syenite/biotite chlorite schist	< 0.1	487	23.3	53.4	6.1	23	4.1
Z12-4F3	**W1350235**	105.72	108.00	2.28	graphitic overprinted mafic dyke	0.1	1480	162	288	27.1	85.3	12.3
Z12-4F3	**W1350236**	108.00	110.00	2.00	graphitic overprinted mafic dyke	0.1	1380	180	302	28.5	90.3	13.5
Z12-4F3	**W1350237**	110.00	112.00	2.00	graphitic overprinted mafic dyke	0.2	1270	177	302	28	86.4	12.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Te	Ba	La	Ce	Pr	Nd	Sm
Z12-4F3	**W1350238**	112.00	114.00	2.00	graphitic overprinted mafic dyke	0.2	1250	196	342	31.7	96.7	12.9
Z12-4F3	**W1350239**	114.00	116.00	2.00	graphitic overprinted mafic dyke	0.1	1210	196	343	32.3	101	14.7
Z12-4F3	**W1350240**	116.00	118.00	2.00	graphitic overprinted mafic dyke	0.2	1230	213	369	34.5	104	14.7
Z12-4F3	**W1350241**	118.00	120.00	2.00	graphitic overprinted mafic dyke	0.3	1120	192	335	31.1	94.1	12.8
Z12-4F3	**W1350242**	120.00	123.00	3.00	graphitic overprinted mafic dyke	0.2	1040	186	314	29.1	89.5	12.6
Z12-4F3	**W1350243**	123.00	125.00	2.00	graphitic overprinted mafic dyke	0.4	1160	220	393	37.9	119	16.9
Z12-4F3	**W1350244**	125.00	127.00	2.00	graphitic overprinted mafic dyke	0.3	1180	233	408	38.9	118	16.1
Z12-4F3	**W1350245**	127.00	129.00	2.00	graphitic overprinted mafic dyke	0.3	1260	238	406	38	117	16
Z12-4F3	**W1350246**	129.00	131.00	2.00	graphitic overprinted mafic dyke	0.2	1410	299	527	51.9	162	21.4
Z12-4F3	**W1350247**	131.00	133.50	2.50	graphitic overprinted mafic dyke	0.2	1430	232	399	37.2	112	14.5
Z12-4F3	**W1350248**	133.50	135.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	0.3	775	50.7	96.7	10.2	35.3	5.7
Z12-4F3	**W1350249**	135.00	137.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	679	31.6	56.6	5.6	18.9	3.1
Z12-4F3	**W1350250**	**137.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.2	590	17.4	34.2	3.3	10.9	1.8
Z12-4F3	**W1350251**	137.00	139.09	2.09	graphitic brecciated syenitic gneiss, trace pyrite	0.1	653	55.4	98	9.3	30.2	4.5
Z12-4F3	**W1350252**	139.09	141.00	1.91	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	756	30.4	65.8	7.4	26.9	4.9
Z12-4F3	**W1350253**	141.00	143.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	544	34.3	67.2	7.2	25.1	4.8
Z12-4F3	**W1350254**	143.00	145.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	665	33.4	66.5	6.9	23	3.8
Z12-4F3	**W1350255**	145.00	147.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	948	23.5	45.1	4.9	17.8	3.2
Z12-4F3	**W1350256**	147.00	149.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	745	33.2	63.5	6.8	23.9	4.1
Z12-4F3	**W1350257**	149.00	151.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.4	664	21.1	38.3	3.8	12.8	2.1
Z12-4F3	**W1350258**	151.00	153.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	900	17.3	33.4	3.5	11.8	2
Z12-4F3	**W1350259**	153.00	155.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	940	24.4	46.2	4.9	16.9	2.8
Z12-4F3	**W1350260**	155.00	157.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	831	38.4	80.6	8.7	31.2	4.9
Z12-4F3	**W1350261**	157.00	159.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	740	20.4	40.2	4.2	14.3	2.5
Z12-4F3	**W1350262**	159.00	161.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	742	16.6	32.8	3.3	11.4	2.1
Z12-4F3	**W1350263**	161.00	163.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	803	24.5	49.9	5.6	20.7	3.7
Z12-4F3	**W1350264**	163.00	165.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	674	25	46.2	4.7	15.6	2.5
Z12-4F3	**W1350265**	165.00	167.07	2.07	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	730	38.3	82.3	9.8	38.1	6.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Te	Ba	La	Ce	Pr	Nd	Sm
Z12-4F3	**W1350266**	167.07	168.43	1.36	graphitic overprinted syenitic gneiss, graphite vein, trace pyrite	< 0.1	601	18	34.2	3.6	12.1	2
Z12-4F3	**W1350267**	168.43	170.00	1.57	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	483	7.4	15	1.6	6.3	1.4
Z12-4F3	**W1350268**	170.00	172.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	548	13.3	25.8	2.6	8.7	1.6
Z12-4F3	**W1350269**	172.00	174.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	601	20.5	39.1	4	13.4	2.5
Z12-4F3	**W1350270**	174.00	176.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	411	11.1	27.9	2.3	7.9	1.5
Z12-4F3	**W1350271**	176.00	177.00	1.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	295	188	344	34	109	20.2
Z12-4F3	**W1350272**	177.00	179.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	649	28	51.5	5.3	17.5	2.9
Z12-4F3	**W1350273**	179.00	181.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	0.2	563	28.2	54.8	5.6	18.7	3
Z12-4F3	**W1350274**	181.00	183.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	< 0.1	542	20.5	40.1	4.2	15.4	2.9
Z12-4F3	**W1350275**	**183.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.3	> 6000	153	276	27.9	89.9	10.4
Z12-4F3	**W1350276**	183.00	185.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.3	532	40.4	81.6	8.9	32.4	6.5
Z12-4F3	**W1350277**	185.00	187.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	691	26.2	53.8	6	21.2	3.6
Z12-4F3	**W1350278**	187.00	188.70	1.70	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	481	11.8	26.4	2.5	9	1.6
Z12-4F3	**W1350279**	188.70	191.00	2.30	graphitic brecciated syenitic gneiss, intense fracturing, trace pyrite	< 0.1	574	47.8	86.4	8.4	26.9	4.2
Z12-4F3	**W1350280**	191.00	193.00	2.00	graphitic brecciated syenitic gneiss, strong fracturing, trace pyrite	0.2	544	26.6	52.4	5.4	17.6	2.7
Z12-4F3	**W1350281**	193.00	194.85	1.85	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	617	27.9	52	5.3	17.6	2.8
Z12-4F3	**W1350282**	194.85	196.00	1.15	graphitic brecciated syenitic gneiss, mafic dyke, trace pyrite/pyrotite	0.3	1390	186	323	30.9	91.1	11.9
Z12-4F3	**W1350283**	196.00	197.23	1.23	graphitic brecciated syenitic gneiss, trace pyrite	0.2	1300	178	313	31.1	96.1	13.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Te	Ba	La	Ce	Pr	Nd	Sm
Z12-4F3	**W1350284**	197.23	199.00	1.77	graphitic brecciated syenitic gneiss, trace pyrite	0.1	722	31.5	61.4	6.2	20.1	3.2
Z12-4F3	**W1350285**	199.00	201.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	791	32.8	66.5	7.6	27.7	4.6
Z12-4F3	**W1350286**	201.00	203.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	556	36.6	71.1	7.2	23.1	3.4
Z12-4F3	**W1350287**	203.00	205.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	745	29.6	57	5.9	19.8	3.2
Z12-4F3	**W1350288**	205.00	207.00	2.00	graphitic brecciated syenitic gneiss, graphic dyke, trace pyrite	0.2	677	45.2	87.8	9.2	32	5.1
Z12-4F3	**W1350289**	207.00	209.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	644	27.6	54.8	5.9	19.5	3.2
Z12-4F3	**W1350290**	209.00	211.37	2.37	graphitic brecciated syenitic gneiss, trace pyrite	0.1	596	67.3	137	14.4	49.6	7.9
Z12-4F3	**W1350291**	211.37	213.00	1.63	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	640	64.6	141	15	53.7	10.5
Z12-4F3	**W1350292**	213.00	215.00	2.00	graphitic brecciated syenitic gneiss, moderate fracture, trace pyrite	0.2	877	41.7	90.5	9.8	34.6	6.5
Z12-4F3	**W1350293**	215.00	217.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	596	20.5	39.8	4.2	14.8	2.6
Z12-4F3	**W1350294**	217.00	219.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	674	17.1	31.6	3.3	10.6	1.6
Z12-4F3	**W1350295**	219.00	221.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	1000	10.5	20.1	2.2	7.9	1.4
Z12-4F3	**W1350296**	221.00	223.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	787	47.8	87.4	8.5	26.7	4
Z12-4F3	**W1350297**	223.00	225.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	667	25.3	48.7	5.2	18.5	3.4
Z12-4F3	**W1350298**	225.00	227.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	724	71.6	140	14.5	47.2	7.2
Z12-4F3	**W1350299**	227.00	229.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	549	22.1	47.5	4.9	16.8	3
Z12-4F3	**W1350300**	**229.00**	**QC**		**J600090 Pulp 4.1% C (med)**	< 0.1	562	21.4	41.8	4.5	15.5	2.8
Z12-4F3	**W1350301**	229.00	231.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	429	372	512	42.2	108	10.7
Z12-4F3	**W1350302**	231.00	233.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	486	27.6	50.4	5.1	16.5	2.7
Z12-4F3	**W1350303**	233.00	235.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	537	24.9	45.2	4.5	14.6	2.4
Z12-4F3	**W1350304**	235.00	237.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	570	15.3	29	3	10.1	1.7
Z12-4F3	**W1350305**	237.00	239.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	608	52.7	100	10.3	35.6	6.4
Z12-4F3	**W1350306**	239.00	241.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	613	35.7	64.8	6.3	19.6	2.8
Z12-4F3	**W1350307**	241.00	243.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	640	18	33.8	3.4	11.4	1.9
Z12-4F3	**W1350308**	243.00	245.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	574	6.5	14.7	1.3	4.5	0.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Te	Ba	La	Ce	Pr	Nd	Sm
Z12-4F3	**W1350309**	245.00	247.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	568	16.7	31.3	3.3	11.2	2
Z12-4F3	**W1350310**	247.00	248.40	1.40	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	622	17.9	32.6	3.3	10.8	1.8
Z12-4F3	**W1350311**	248.40	249.75	1.35	graphitic brecciated syenitic gneiss, trace pyrite	0.1	615	22.6	42.4	4.3	14.6	2.5
Z12-4F3	**W1350312**	**249.75**	**250.31**	**0.56**	**fine graphite-rich lump**	0.1	509	18	36.3	3.9	14.6	3
Z12-4F3	**W1350313**	250.31	252.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	608	14.6	28.3	3	10.8	2.4
Z12-4F3	**W1350314**	252.00	253.50	1.50	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	577	16.2	31.2	3.3	11.3	2.2
Z12-4F3	**W1350315**	253.50	255.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	647	17.7	32.4	3.3	11	2.1
Z12-4F3	**W1350316**	**255.00**	**255.68**	**0.68**	**fine graphite-rich lump**	< 0.1	682	18.3	35	3.7	13	2.3
Z12-4F3	**W1350317**	255.68	257.00	1.32	fracture zone, intense	< 0.1	1130	42.6	83	8.8	30.7	5
Z12-4F3	**W1350318**	257.00	259.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	1270	54	108	11.9	43.5	7.3
Z12-4F3	**W1350319**	259.00	261.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	885	68.9	147	16.2	57.7	11.3
Z12-4F3	**W1350320**	261.00	263.00	2.00	mafic dyke	< 0.1	1200	63.2	119	12.3	41.5	6.6
Z12-4F3	**W1350321**	263.00	265.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	772	30.1	60.3	6.3	21.8	4.5
Z12-4F3	**W1350322**	265.00	267.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	1050	35.6	74.2	8	26.8	4.5
Z12-4F3	**W1350323**	267.00	269.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	973	28.6	62.2	6.9	25.2	5.4
Z12-4F3	**W1350324**	269.00	271.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	1080	32.4	67	7.4	25.7	4.9
Z12-4F3	**W1350325**	**271.00**	**QC**		**J600100 Pulp: 10% C (high)**	< 0.1	590	22.9	42.2	4.2	14.2	2.3
Z12-4F3	**W1350326**	271.00	273.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	988	21.9	40.8	4.2	13.5	2.1
Z12-4F3	**W1350327**	273.00	275.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	902	88.1	179	20	69.1	13.1
Z12-4F3	**W1350328**	275.00	277.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	549	39.6	74.1	7.7	26.3	5.9
Z12-4F3	**W1350329**	277.00	279.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	551	12.5	29.9	2.4	8.1	1.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Te	Ba	La	Ce	Pr	Nd	Sm
Z12-4F3	**W1350330**	279.00	282.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	567	28.4	52.2	5.3	18.3	3.9
Z12-4F3	**W1350331**	282.00	285.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	852	118	224	24.4	83.6	14.5
Z12-4F3	**W1350332**	285.00	288.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	747	38.5	72.4	7.6	27.1	5
Z12-4F3	**W1350333**	288.00	291.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	1030	27.9	52.4	5.6	20.9	5
Z12-4F3	**W1350334**	291.00	294.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	888	60.5	121	12.3	40	6.2
Z12-4F3	**W1350335**	294.00	297.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	932	42.4	88.3	9.6	34.1	7.2
Z12-4F3	**W1350336**	297.00	300.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	890	59.9	115	11.5	36.4	6.3
Z12-4F3	**W1350337**	300.00	303.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	885	35.3	70.2	7.2	25.2	4.9
Z12-4F3	**W1350338**	303.00	306.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	412	86.9	154	15.7	50.2	7.5
Z12-4F3	**W1350339**	306.00	309.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	166	178	334	33.6	105	14.9
Z12-4F3	**W1350340**	309.00	312.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	370	150	281	29.1	97.7	15.4
Z12-4F3	**W1350341**	312.00	315.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	540	59.1	113	11.8	40.3	7.3
Z12-4F3	**W1350342**	315.00	318.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	493	50.5	97.7	9.9	32.2	5.5
Z12-4F3	**W1350343**	318.00	321.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	627	18.8	35.1	3.5	12	2.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Te	Ba	La	Ce	Pr	Nd	Sm
Z12-4F3	**W1350344**	321.00	324.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	816	88.6	172	18.5	62.2	9.7
Z12-4F3	**W1350345**	324.00	327.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	678	70.7	140	14.5	49.6	8.2
Z12-4F3	**W1350346**	327.00	330.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	750	139	281	31.5	108	18.9
Z12-4F3	**W1350347**	330.00	333.00	3.00	graphitic overprinted syenitic gneiss, intense fracturing, trace pyrite	< 0.1	853	77	145	15	48.7	8.3
Z12-4F3	**W1350348**	333.00	336.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	753	115	217	23.2	75.9	12.1
Z12-4F3	**W1350349**	336.00	339.00	3.00	nepheline syenite, trace pyrite/pyrotite	< 0.1	412	135	246	25.6	85.9	12.9
Z12-4F3	**W1350350**	**339.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.3	> 6000	137	247	24.8	79.8	9.4
Z12-4F3	**W1350351**	339.00	342.00	3.00	nepheline syenite, trace pyrite/pyrotite	< 0.1	80	308	577	58.7	188	24
Z12-4F3	**W1350352**	342.00	345.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.2	86	180	356	36.2	116	16.1
Z12-4F3	**W1350353**	345.00	348.00	3.00	nepheline syenite, trace pyrite/pyrotite	< 0.1	136	151	289	29.6	100	15
Z12-4F3	**W1350354**	348.00	351.00	3.00	nepheline syenite, trace pyrite/pyrotite	< 0.1	127	268	483	49	149	19.4
Z12-4F3	**W1350355**	351.00	354.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.1	124	135	275	29.5	98.9	14.5
Z12-4F3	**W1350356**	354.00	357.00	3.00	nepheline syenite, trace pyrite/pyrotite	< 0.1	125	149	289	31	106	16.1
Z12-4F3	**W1350362**	398.00	400.00	2.00	shear zone, intense fracture	< 0.1	256	233	466	51.7	173	26.3
Z12-4F3	**W1350363**	400.00	402.00	2.00	shear zone, intense fracture	< 0.1	323	191	369	36.8	121	17.2
Z12-4F3	**W1350364**	402.00	404.00	2.00	shear zone, moderate fracture	< 0.1	256	103	199	21.8	74.8	11
Z12-4F3	**W1350365**	404.00	406.00	2.00	shear zone, intense fracture, pyrite blebs	0.1	300	127	233	25.5	88.7	13.4
Z12-4F3	**W1350366**	406.00	408.00	2.00	shear zone, weak fracture, mafic dyke	< 0.1	394	22.1	45.8	5.4	22.1	5
Z12-4F3	**W1350367**	408.00	410.00	2.00	shear zone, weak fracture	< 0.1	503	16.4	35.3	4.4	17.5	4.1
Z12-4F3	**W1350368**	410.00	412.00	2.00	shear zone, weak fracture, biotite chlorite magnetite schist pyrite blebs	0.3	3400	41.7	95.4	11.7	45.1	10.1
Z12-4F3	**W1350369**	412.00	414.00	2.00	shear zone, weak fracture	< 0.1	546	13	29.1	3.7	15.9	4
Z12-4F3	**W1350370**	414.00	416.00	2.00	shear zone, weak fracture, mafic dyke	< 0.1	327	21.4	45.7	5.3	20.5	4.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Te	Ba	La	Ce	Pr	Nd	Sm
Z12-4F3	**W1350371**	416.00	418.00	2.00	shear zone, weak fracture, mafic dyke, biotite chlorite schist	0.2	1540	41.8	84.6	9.9	37.7	7.1
Z12-4F3	**W1350372**	418.00	420.00	2.00	shear zone, weak fracture	< 0.1	877	38.7	84.7	9.7	36.5	7
Z12-4F3	**W1350373**	420.00	422.00	2.00	shear zone, weak fracture	< 0.1	510	34.5	67.3	7.5	28.5	6
Z12-4F3	**W1350374**	422.00	424.00	2.00	shear zone, weak fracture, biotite chlorite schist	< 0.1	1860	165	298	32.9	115	20.7
Z12-4F3	**W1350375**	**424.00**	**QC**		**J600090 Pulp 4.1% C (med)**	< 0.1	637	23.1	45.2	4.8	16.8	2.9
Z12-4F3	**W1350376**	424.00	427.00	3.00	shear zone, intense fracture, biotite chlorite schist	< 0.1	507	93.5	160	15.8	51.6	8.1
Z12-4F3	**W1350377**	427.00	429.00	2.00	shear zone, weak fracture, syenite	< 0.1	768	71.2	134	13.9	47.1	8.2
Z12-4F3	**W1350378**	429.00	431.00	2.00	shear zone, weak fracture, syenite/biotite chlorite schist	< 0.1	1230	107	196	20.9	74.8	14.6
Z12-4F3	**W1350379**	431.00	433.00	2.00	shear zone, weak fracture, syenite with 20cm biotite chlorite schist	< 0.1	924	36.5	70.5	7.7	26.8	4.9
Z12-4F3	**W1350380**	433.00	436.00	3.00	syenite with small fault	< 0.1	993	42.9	92.4	9.4	34.4	6.8
Z12-4F3	**W1350381**	436.00	439.00	3.00	syenite	< 0.1	1880	45.7	118	10.8	39.6	7.6
Z12-4F3	**W1350382**	439.00	442.00	3.00	syenite with small fault	< 0.1	2210	123	244	26.7	96.3	19.2
Z12-4F3	**W1350383**	442.00	445.00	3.00	syenite with small fault	< 0.1	1230	64.4	138	15.9	57.5	10.5
Z12-4F3	**W1350384**	445.00	448.00	3.00	syenite with small fault	< 0.1	768	41.3	75.3	7.3	22.7	3.4
Z12-4F3	**W1350385**	448.00	451.00	3.00	syenite with small fault	< 0.1	1040	31.3	60.3	6.3	21.5	3.5
Z12-4F3	**W1350386**	458.50	461.00	2.50	very dark, greasy mafic dyke	< 0.1	1730	53.7	118	14.1	54.6	11.1
					END OF HOLE							

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Gd	Tb	Dy	Cu	Ge	Tm	Yb
Z12-4F3	**W1350210**	56.71	58.35	1.64	wacke, weathered diorite, trace pyrite	4.7	0.7	4.3	57.4	0.1	0.3	2.3
Z12-4F3	**W1350211**	58.35	61.54	3.19	weathered syenite, trace graphite, trace pyrite	4.2	0.8	5	7.8	< 0.1	0.4	2.5
Z12-4F3	**W1350212**	61.54	62.39	0.85	dark syenite slightly conductive overprint, trace pyrite	3.1	0.5	2.8	11.9	< 0.1	0.2	1.5
Z12-4F3	**W1350213**	62.39	65.00	2.61	weathered graphitic breccia, trace pyrite	5.2	0.8	4.9	8.2	< 0.1	0.3	2.1
Z12-4F3	**W1350214**	65.00	67.00	2.00	weathered graphitic breccia, trace pyrite	8.2	0.9	4	6.7	0.2	0.2	1.5
Z12-4F3	**W1350215**	67.00	69.00	2.00	weathered graphitic breccia, trace pyrite	6.2	0.8	4.5	11	0.2	0.3	2.1
Z12-4F3	**W1350216**	69.00	71.00	2.00	weathered graphitic breccia, trace pyrite	9.1	1.2	6.5	14.3	0.3	0.4	2.3
Z12-4F3	**W1350217**	71.00	73.00	2.00	weathered graphitic breccia, trace pyrite	2.9	0.4	2.4	9.2	0.4	0.2	1.2
Z12-4F3	**W1350218**	73.00	75.00	2.00	weathered graphitic breccia, trace pyrite	7.7	1.3	8.6	15.3	0.2	0.9	6.8
Z12-4F3	**W1350219**	75.00	76.85	1.85	weathered graphitic breccia, trace pyrite	3.4	0.6	3.4	8.6	0.1	0.3	2.5
Z12-4F3	**W1350220**	76.85	79.00	2.15	weathered graphitic breccia, trace pyrite	2.3	0.3	1.5	10.4	0.3	< 0.1	0.6
Z12-4F3	**W1350221**	79.00	81.00	2.00	weathered graphitic breccia, trace pyrite	1.8	0.2	1.4	11.8	< 0.1	0.1	0.8
Z12-4F3	**W1350222**	81.00	83.00	2.00	weathered graphitic breccia, trace pyrite	10.1	1.5	9.6	10.8	0.5	0.6	3.9
Z12-4F3	**W1350223**	83.00	85.00	2.00	weathered graphitic breccia, trace pyrite	2.9	0.4	2.1	12.2	0.1	0.1	0.9
Z12-4F3	**W1350224**	85.00	87.00	2.00	weathered graphitic breccia, trace pyrite	5.3	0.7	3.9	14.3	0.3	0.3	2
Z12-4F3	**W1350225**	**87.00**	**QC**		**J600090 Pulp 4.1% C (med)**	2.6	0.4	2.5	11.8	< 0.1	0.2	1.3
Z12-4F3	**W1350226**	87.00	89.00	2.00	weathered graphitic breccia, trace pyrite	6	1	5.5	13.5	0.3	0.3	2.2
Z12-4F3	**W1350227**	89.00	91.00	2.00	weathered graphitic breccia, trace pyrite	5.9	0.8	3.7	13.3	0.3	0.2	1.2
Z12-4F3	**W1350228**	91.00	93.00	2.00	weathered graphitic breccia, trace pyrite	5.4	0.7	4.3	14.5	0.4	0.4	2.8
Z12-4F3	**W1350229**	93.00	95.00	2.00	graphitic breccia, trace pyrite	6.2	1	5.5	10	0.3	0.4	2.4
Z12-4F3	**W1350230**	95.00	97.00	2.00	graphitic breccia, trace pyrite	2	0.3	1.6	6	0.2	0.1	0.8
Z12-4F3	**W1350231**	97.00	99.00	2.00	graphitic breccia, trace pyrite	2.2	0.3	1.6	27.9	0.2	0.1	0.7
Z12-4F3	**W1350232**	99.00	101.80	2.80	graphitic breccia, trace pyrite	2.8	0.4	2.1	12.6	0.2	0.2	1.3
Z12-4F3	**W1350233**	101.80	104.50	2.70	graphitic breccia, trace pyrite	12.6	1.6	6.9	10.4	0.3	0.3	1.7
Z12-4F3	**W1350234**	104.50	105.72	1.22	syenite/biotite chlorite schist	3.5	0.4	2.3	14.6	0.2	0.2	1.2
Z12-4F3	**W1350235**	105.72	108.00	2.28	graphitic overprinted mafic dyke	10.7	1.5	9.1	26	0.6	0.8	5
Z12-4F3	**W1350236**	108.00	110.00	2.00	graphitic overprinted mafic dyke	12.8	1.7	9.8	16.6	0.5	0.8	5.2
Z12-4F3	**W1350237**	110.00	112.00	2.00	graphitic overprinted mafic dyke	11.1	1.5	8.4	15.8	0.5	0.7	4.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Gd	Tb	Dy	Cu	Ge	Tm	Yb
Z12-4F3	**W1350238**	112.00	114.00	2.00	graphitic overprinted mafic dyke	10.2	1.3	7.9	14.8	0.6	0.7	5
Z12-4F3	**W1350239**	114.00	116.00	2.00	graphitic overprinted mafic dyke	12.9	1.7	9.5	10.3	0.5	0.8	5.6
Z12-4F3	**W1350240**	116.00	118.00	2.00	graphitic overprinted mafic dyke	12.9	1.9	11.4	11.1	0.4	1	6.4
Z12-4F3	**W1350241**	118.00	120.00	2.00	graphitic overprinted mafic dyke	9.8	1.4	8.4	12.2	0.4	0.8	5.4
Z12-4F3	**W1350242**	120.00	123.00	3.00	graphitic overprinted mafic dyke	11.1	1.4	8.4	7.4	0.4	0.7	5.1
Z12-4F3	**W1350243**	123.00	125.00	2.00	graphitic overprinted mafic dyke	13.4	1.7	10	10.8	0.7	0.9	6.1
Z12-4F3	**W1350244**	125.00	127.00	2.00	graphitic overprinted mafic dyke	12.2	1.7	9.7	9.9	0.5	0.8	5.4
Z12-4F3	**W1350245**	127.00	129.00	2.00	graphitic overprinted mafic dyke	13.7	1.7	9.5	12.5	0.6	0.7	4.8
Z12-4F3	**W1350246**	129.00	131.00	2.00	graphitic overprinted mafic dyke	17.7	2.2	11.8	13	0.7	0.9	6.5
Z12-4F3	**W1350247**	131.00	133.50	2.50	graphitic overprinted mafic dyke	12.6	1.6	8.9	14.3	0.7	0.7	4.5
Z12-4F3	**W1350248**	133.50	135.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	4.8	0.7	3.9	13.3	0.2	0.3	2
Z12-4F3	**W1350249**	135.00	137.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3	0.4	2.5	10.1	< 0.1	0.2	1.1
Z12-4F3	**W1350250**	**137.00**	**QC**		**J600100 Pulp: 10% C (high)**	1.6	0.2	1.3	10	< 0.1	0.1	0.7
Z12-4F3	**W1350251**	137.00	139.09	2.09	graphitic brecciated syenitic gneiss, trace pyrite	3.9	0.5	2.9	14.2	0.2	0.2	1.5
Z12-4F3	**W1350252**	139.09	141.00	1.91	graphitic brecciated syenitic gneiss, trace pyrite	3.8	0.5	3	11.9	0.2	0.2	1.6
Z12-4F3	**W1350253**	141.00	143.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.5	0.7	3.9	14.5	0.1	0.3	1.9
Z12-4F3	**W1350254**	143.00	145.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.2	0.5	2.8	15.6	0.1	0.2	1.4
Z12-4F3	**W1350255**	145.00	147.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3	0.4	2.2	19	0.1	0.1	0.9
Z12-4F3	**W1350256**	147.00	149.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.4	0.4	2.4	19.9	0.1	0.2	1.1
Z12-4F3	**W1350257**	149.00	151.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.8	0.3	1.6	111	0.1	0.1	1
Z12-4F3	**W1350258**	151.00	153.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.8	0.3	1.7	8.7	0.1	0.1	1
Z12-4F3	**W1350259**	153.00	155.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.5	0.4	2	14.5	0.1	0.2	1
Z12-4F3	**W1350260**	155.00	157.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.7	0.5	2.9	17.4	0.3	0.2	1.2
Z12-4F3	**W1350261**	157.00	159.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.1	0.3	1.8	17.3	0.1	0.2	1.1
Z12-4F3	**W1350262**	159.00	161.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2	0.3	1.7	11.7	0.1	0.1	0.7
Z12-4F3	**W1350263**	161.00	163.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.3	0.5	2.8	15.2	0.2	0.2	1.5
Z12-4F3	**W1350264**	163.00	165.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.3	0.3	1.9	14.3	0.1	0.1	0.9
Z12-4F3	**W1350265**	165.00	167.07	2.07	graphitic brecciated syenitic gneiss, trace pyrite	5.1	0.6	3.1	12.7	0.4	0.2	1.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Gd	Tb	Dy	Cu	Ge	Tm	Yb
Z12-4F3	**W1350266**	167.07	168.43	1.36	graphitic overprinted syenitic gneiss, graphite vein, trace pyrite	1.8	0.3	1.6	18.8	0.2	0.1	0.9
Z12-4F3	**W1350267**	168.43	170.00	1.57	graphitic overprinted syenitic gneiss, trace pyrite	1.5	0.2	1.5	8	< 0.1	0.1	0.9
Z12-4F3	**W1350268**	170.00	172.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.5	0.2	1.3	10.6	0.2	0.1	0.7
Z12-4F3	**W1350269**	172.00	174.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	2.3	0.3	2	7.8	< 0.1	0.1	0.9
Z12-4F3	**W1350270**	174.00	176.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.4	0.2	1	6.8	< 0.1	< 0.1	0.5
Z12-4F3	**W1350271**	176.00	177.00	1.00	graphitic overprinted syenitic gneiss, trace pyrite	19.1	3.3	21.7	12.8	0.3	1.6	9.8
Z12-4F3	**W1350272**	177.00	179.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.7	0.4	2.2	20.3	0.1	0.2	1.1
Z12-4F3	**W1350273**	179.00	181.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	2.4	0.4	2.4	21.8	0.1	0.2	1.4
Z12-4F3	**W1350274**	181.00	183.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	2.8	0.4	2.5	15.1	0.1	0.2	1.3
Z12-4F3	**W1350275**	**183.00**	**QC**		**M760121 Pulp: REE/C Blank**	7.1	0.8	4.3	73.6	0.4	0.3	1.5
Z12-4F3	**W1350276**	183.00	185.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	7	1.1	7.2	31.8	0.2	0.5	3.4
Z12-4F3	**W1350277**	185.00	187.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.9	0.4	2.5	17.7	0.2	0.2	1.6
Z12-4F3	**W1350278**	187.00	188.70	1.70	graphitic brecciated syenitic gneiss, trace pyrite	1.5	0.2	1.4	11	< 0.1	0.1	0.7
Z12-4F3	**W1350279**	188.70	191.00	2.30	graphitic brecciated syenitic gneiss, intense fracturing, trace pyrite	3.8	0.5	3.1	18.7	0.1	0.2	1.3
Z12-4F3	**W1350280**	191.00	193.00	2.00	graphitic brecciated syenitic gneiss, strong fracturing, trace pyrite	2.1	0.3	1.7	21.4	0.1	0.1	0.8
Z12-4F3	**W1350281**	193.00	194.85	1.85	graphitic brecciated syenitic gneiss, trace pyrite	2.4	0.3	1.9	11.2	0.1	0.1	0.8
Z12-4F3	**W1350282**	194.85	196.00	1.15	graphitic brecciated syenitic gneiss, mafic dyke, trace pyrite/pyrotite	9.4	1.3	7.9	17.4	0.7	0.7	4.3
Z12-4F3	**W1350283**	196.00	197.23	1.23	graphitic brecciated syenitic gneiss, trace pyrite	10.6	1.3	7.9	16.8	0.8	0.7	4.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Gd	Tb	Dy	Cu	Ge	Tm	Yb
Z12-4F3	**W1350284**	197.23	199.00	1.77	graphitic brecciated syenitic gneiss, trace pyrite	2.8	0.4	2.6	16.6	0.1	0.2	1.2
Z12-4F3	**W1350285**	199.00	201.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.1	0.5	2.9	24.7	0.2	0.2	1.3
Z12-4F3	**W1350286**	201.00	203.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3	0.4	2.8	20.8	0.1	0.2	1.2
Z12-4F3	**W1350287**	203.00	205.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.8	0.4	2.1	12.3	0.1	0.2	0.9
Z12-4F3	**W1350288**	205.00	207.00	2.00	graphitic brecciated syenitic gneiss, graphic dyke, trace pyrite	4.4	0.6	4	25	0.3	0.3	1.6
Z12-4F3	**W1350289**	207.00	209.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.8	0.4	2.4	16.9	0.1	0.2	1
Z12-4F3	**W1350290**	209.00	211.37	2.37	graphitic brecciated syenitic gneiss, trace pyrite	5.9	0.8	4.6	20.4	0.2	0.4	2.2
Z12-4F3	**W1350291**	211.37	213.00	1.63	graphitic overprinted syenitic gneiss, trace pyrite	9.1	1.1	5.5	11.2	0.2	0.3	1.5
Z12-4F3	**W1350292**	213.00	215.00	2.00	graphitic brecciated syenitic gneiss, moderate fracture, trace pyrite	5.5	0.8	5	17	0.2	0.4	2.1
Z12-4F3	**W1350293**	215.00	217.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.4	0.3	2	17.6	0.1	0.2	1
Z12-4F3	**W1350294**	217.00	219.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.3	0.2	1.1	13.1	< 0.1	< 0.1	0.5
Z12-4F3	**W1350295**	219.00	221.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.4	0.2	1.4	7.2	< 0.1	< 0.1	0.5
Z12-4F3	**W1350296**	221.00	223.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.4	0.5	2.9	24.4	0.2	0.2	1.3
Z12-4F3	**W1350297**	223.00	225.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.6	0.6	3.4	17.7	0.1	0.2	1.3
Z12-4F3	**W1350298**	225.00	227.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	5.8	0.9	5.2	18.7	0.3	0.4	2.5
Z12-4F3	**W1350299**	227.00	229.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.9	0.4	2.6	16.6	< 0.1	0.2	1.3
Z12-4F3	**W1350300**	**229.00**	**QC**		**J600090 Pulp 4.1% C (med)**	2.7	0.4	2.5	10.7	< 0.1	0.2	1.1
Z12-4F3	**W1350301**	229.00	231.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	8.6	1	5.6	12	0.3	0.5	3.3
Z12-4F3	**W1350302**	231.00	233.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.7	0.5	3	17.9	< 0.1	0.2	1.3
Z12-4F3	**W1350303**	233.00	235.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.4	0.4	2.3	13.9	0.1	0.2	1.1
Z12-4F3	**W1350304**	235.00	237.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.7	0.3	1.9	10.1	0.1	0.2	1.1
Z12-4F3	**W1350305**	237.00	239.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	5.8	0.8	4.7	13.1	0.2	0.4	2.5
Z12-4F3	**W1350306**	239.00	241.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.3	0.4	2.3	14.9	0.1	0.2	1.2
Z12-4F3	**W1350307**	241.00	243.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.7	0.3	1.7	10.1	0.1	0.2	1.2
Z12-4F3	**W1350308**	243.00	245.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.9	0.1	0.8	13	< 0.1	< 0.1	0.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Gd	Tb	Dy	Cu	Ge	Tm	Yb
Z12-4F3	**W1350309**	245.00	247.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.8	0.3	1.5	15.4	< 0.1	0.1	0.7
Z12-4F3	**W1350310**	247.00	248.40	1.40	graphitic brecciated syenitic gneiss, trace pyrite	1.7	0.2	1.4	9.1	< 0.1	0.1	0.7
Z12-4F3	**W1350311**	248.40	249.75	1.35	graphitic brecciated syenitic gneiss, trace pyrite	2.4	0.4	2	8	< 0.1	0.2	1
Z12-4F3	**W1350312**	**249.75**	**250.31**	**0.56**	**fine graphite-rich lump**	2.9	0.4	2	6	0.1	0.1	0.9
Z12-4F3	**W1350313**	250.31	252.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	2.7	0.4	1.8	4.7	< 0.1	< 0.1	0.5
Z12-4F3	**W1350314**	252.00	253.50	1.50	graphitic brecciated syenitic gneiss, trace pyrite	2	0.3	1.8	7.7	< 0.1	0.2	1
Z12-4F3	**W1350315**	253.50	255.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	2.1	0.3	1.8	8.1	< 0.1	0.1	0.8
Z12-4F3	**W1350316**	**255.00**	**255.68**	**0.68**	**fine graphite-rich lump**	2	0.3	1.6	9.4	< 0.1	0.1	0.8
Z12-4F3	**W1350317**	255.68	257.00	1.32	fracture zone, intense	4.5	0.6	3.6	7.5	0.5	0.3	1.8
Z12-4F3	**W1350318**	257.00	259.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	6.7	0.9	5	19.6	0.6	0.4	2.5
Z12-4F3	**W1350319**	259.00	261.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	9.1	1.4	9.1	9.6	0.6	0.9	5.3
Z12-4F3	**W1350320**	261.00	263.00	2.00	mafic dyke	6.1	0.9	4.9	8	0.3	0.4	2.3
Z12-4F3	**W1350321**	263.00	265.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	5.3	0.9	5.8	9.2	0.1	0.4	2.2
Z12-4F3	**W1350322**	265.00	267.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	4	0.5	2.9	14.8	0.1	0.2	1.5
Z12-4F3	**W1350323**	267.00	269.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	5.4	0.7	4	15.3	< 0.1	0.3	1.7
Z12-4F3	**W1350324**	269.00	271.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	4	0.5	2.8	20.8	0.1	0.2	1.6
Z12-4F3	**W1350325**	**271.00**	**QC**		**J600100 Pulp: 10% C (high)**	2.3	0.3	1.8	9.6	< 0.1	0.1	0.8
Z12-4F3	**W1350326**	271.00	273.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.8	0.2	1.3	11.6	< 0.1	0.1	0.7
Z12-4F3	**W1350327**	273.00	275.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	11.2	1.5	7.4	9.1	0.2	0.4	2.4
Z12-4F3	**W1350328**	275.00	277.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	6.1	1	6.8	12.3	0.1	0.7	4.9
Z12-4F3	**W1350329**	277.00	279.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.5	0.2	1.3	14.6	< 0.1	0.1	0.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Gd	Tb	Dy	Cu	Ge	Tm	Yb
Z12-4F3	**W1350330**	279.00	282.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	4	0.6	3.4	10.3	< 0.1	0.3	2
Z12-4F3	**W1350331**	282.00	285.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	11.5	1.4	6.7	17.1	0.3	0.3	2
Z12-4F3	**W1350332**	285.00	288.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	4.3	0.5	2.6	17.9	0.3	0.2	1.3
Z12-4F3	**W1350333**	288.00	291.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	5.3	0.6	2.6	11.4	< 0.1	0.1	0.8
Z12-4F3	**W1350334**	291.00	294.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	4.6	0.6	2.9	8.4	0.2	0.2	1.1
Z12-4F3	**W1350335**	294.00	297.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	6.7	0.9	5.1	15.1	0.1	0.3	1.9
Z12-4F3	**W1350336**	297.00	300.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	5.4	0.7	3.8	10.6	0.1	0.2	1.4
Z12-4F3	**W1350337**	300.00	303.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	4.7	0.6	2.8	14.7	0.2	0.2	1.1
Z12-4F3	**W1350338**	303.00	306.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	6.6	0.8	4.6	17.7	0.3	0.4	3
Z12-4F3	**W1350339**	306.00	309.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	12	1.6	8.8	20.8	0.5	0.8	4.7
Z12-4F3	**W1350340**	309.00	312.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	13.8	1.7	9	30	0.4	0.7	4.7
Z12-4F3	**W1350341**	312.00	315.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	6.6	0.9	5	32.6	0.2	0.4	2.5
Z12-4F3	**W1350342**	315.00	318.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	5	0.7	3.6	24.9	0.1	0.2	1.4
Z12-4F3	**W1350343**	318.00	321.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	2.1	0.3	1.5	19.5	0.1	0.1	0.8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Gd	Tb	Dy	Cu	Ge	Tm	Yb
Z12-4F3	**W1350344**	321.00	324.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	7.6	0.9	4.6	17.5	0.2	0.2	1.3
Z12-4F3	**W1350345**	324.00	327.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	7.1	0.8	4	15.2	0.2	0.2	1
Z12-4F3	**W1350346**	327.00	330.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	16.4	2	10.6	27.8	0.4	0.6	3.5
Z12-4F3	**W1350347**	330.00	333.00	3.00	graphitic overprinted syenitic gneiss, intense fracturing, trace pyrite	7.6	1.1	5.7	22.7	0.2	0.4	2.2
Z12-4F3	**W1350348**	333.00	336.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	9.9	1.3	7	29.7	0.3	0.6	3.5
Z12-4F3	**W1350349**	336.00	339.00	3.00	nepheline syenite, trace pyrite/pyrotite	10.9	1.4	8.3	10	0.6	0.7	4.4
Z12-4F3	**W1350350**	**339.00**	**QC**		**M760121 Pulp: REE/C Blank**	7.8	0.8	4.1	46.5	0.5	0.2	1.2
Z12-4F3	**W1350351**	339.00	342.00	3.00	nepheline syenite, trace pyrite/pyrotite	18.6	2	10.3	8.3	0.7	0.8	4.8
Z12-4F3	**W1350352**	342.00	345.00	3.00	nepheline syenite, trace pyrite/pyrotite	12.3	1.6	9.4	12.6	0.4	0.8	5.2
Z12-4F3	**W1350353**	345.00	348.00	3.00	nepheline syenite, trace pyrite/pyrotite	13.5	1.7	9.3	14.7	0.4	0.7	4.6
Z12-4F3	**W1350354**	348.00	351.00	3.00	nepheline syenite, trace pyrite/pyrotite	14.2	1.7	8.9	4.7	0.5	0.6	3.8
Z12-4F3	**W1350355**	351.00	354.00	3.00	nepheline syenite, trace pyrite/pyrotite	11.4	1.5	8.8	10.1	0.7	0.8	4.5
Z12-4F3	**W1350356**	354.00	357.00	3.00	nepheline syenite, trace pyrite/pyrotite	14.2	1.9	10.4	16.3	0.7	0.9	5.6
Z12-4F3	**W1350362**	398.00	400.00	2.00	shear zone, intense fracture	19	2.4	14.1	23.7	0.6	1.4	8.6
Z12-4F3	**W1350363**	400.00	402.00	2.00	shear zone, intense fracture	14.1	1.8	10	23.8	0.4	1	6.6
Z12-4F3	**W1350364**	402.00	404.00	2.00	shear zone, moderate fracture	8.3	1.1	6.3	34.7	0.5	0.6	4
Z12-4F3	**W1350365**	404.00	406.00	2.00	shear zone, intense fracture, pyrite blebs	11.5	1.4	8	61.8	0.8	0.9	5.3
Z12-4F3	**W1350366**	406.00	408.00	2.00	shear zone, weak fracture, mafic dyke	6	1	6.1	141	0.7	0.5	3.1
Z12-4F3	**W1350367**	408.00	410.00	2.00	shear zone, weak fracture	4.9	0.8	5.5	227	0.7	0.5	3
Z12-4F3	**W1350368**	410.00	412.00	2.00	shear zone, weak fracture, biotite chlorite magnetite schist pyrite blebs	11.7	2.1	14.5	153	0.6	1.8	11.2
Z12-4F3	**W1350369**	412.00	414.00	2.00	shear zone, weak fracture	5.2	0.8	5.5	162	0.5	0.5	3.3
Z12-4F3	**W1350370**	414.00	416.00	2.00	shear zone, weak fracture, mafic dyke	5.5	0.9	5.7	162	0.6	0.5	3.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Gd	Tb	Dy	Cu	Ge	Tm	Yb
Z12-4F3	**W1350371**	416.00	418.00	2.00	shear zone, weak fracture, mafic dyke, biotite chlorite schist	7.4	1.1	6.9	172	1.2	0.7	4.2
Z12-4F3	**W1350372**	418.00	420.00	2.00	shear zone, weak fracture	7.4	1.1	7.2	88.8	1	0.7	4.1
Z12-4F3	**W1350373**	420.00	422.00	2.00	shear zone, weak fracture	7.2	1.1	7.3	126	0.6	0.7	4.4
Z12-4F3	**W1350374**	422.00	424.00	2.00	shear zone, weak fracture, biotite chlorite schist	20.9	2.5	12.5	175	1.1	0.8	4.4
Z12-4F3	**W1350375**	**424.00**	**QC**		**J600090 Pulp 4.1% C (med)**	2.8	0.4	2.6	12.9	0.1	0.2	1.2
Z12-4F3	**W1350376**	424.00	427.00	3.00	shear zone, intense fracture, biotite chlorite schist	7.4	1	5.9	129	0.6	0.5	3
Z12-4F3	**W1350377**	427.00	429.00	2.00	shear zone, weak fracture, syenite	6.6	0.8	4.8	12.7	0.2	0.5	3.2
Z12-4F3	**W1350378**	429.00	431.00	2.00	shear zone, weak fracture, syenite/biotite chlorite schist	12.4	1.4	7.2	18.8	0.3	0.5	3.3
Z12-4F3	**W1350379**	431.00	433.00	2.00	shear zone, weak fracture, syenite with 20cm biotite chlorite schist	4.2	0.6	3.7	14.4	0.3	0.3	1.9
Z12-4F3	**W1350380**	433.00	436.00	3.00	syenite with small fault	5.8	0.8	4.9	28.4	0.2	0.4	2.1
Z12-4F3	**W1350381**	436.00	439.00	3.00	syenite	6.8	1	6	17	0.2	0.5	3.2
Z12-4F3	**W1350382**	439.00	442.00	3.00	syenite with small fault	18.6	2.9	17.5	20.4	0.4	1.3	6.9
Z12-4F3	**W1350383**	442.00	445.00	3.00	syenite with small fault	7.5	0.8	4.1	20.8	0.3	0.3	1.6
Z12-4F3	**W1350384**	445.00	448.00	3.00	syenite with small fault	2.8	0.4	2	44.4	0.3	0.2	1
Z12-4F3	**W1350385**	448.00	451.00	3.00	syenite with small fault	2.9	0.4	2	12	0.1	0.2	1
Z12-4F3	**W1350386**	458.50	461.00	2.50	very dark, greasy mafic dyke	10.6	1.5	7.8	36.4	0.6	0.7	4.2
					END OF HOLE							

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Lu	Ta	W	Re	Tl	Pb	Th
Z12-4F3	**W1350210**	56.71	58.35	1.64	wacke, weathered diorite, trace pyrite	0.3	0.3	2.3	< 0.001	0.63	15.4	89.7
Z12-4F3	**W1350211**	58.35	61.54	3.19	weathered syenite, trace graphite, trace pyrite	0.3	0.4	2.5	< 0.001	0.52	8.3	8.7
Z12-4F3	**W1350212**	61.54	62.39	0.85	dark syenite slightly conductive overprint, trace pyrite	0.2	0.4	1.1	< 0.001	1.1	10.3	10.3
Z12-4F3	**W1350213**	62.39	65.00	2.61	weathered graphitic breccia, trace pyrite	0.3	0.2	0.8	< 0.001	0.41	4.8	7.7
Z12-4F3	**W1350214**	65.00	67.00	2.00	weathered graphitic breccia, trace pyrite	0.2	0.9	1.4	0.001	0.72	8.5	7.7
Z12-4F3	**W1350215**	67.00	69.00	2.00	weathered graphitic breccia, trace pyrite	0.3	0.5	1.4	0.002	0.48	14.7	9.1
Z12-4F3	**W1350216**	69.00	71.00	2.00	weathered graphitic breccia, trace pyrite	0.3	0.9	1.5	0.001	0.48	12.7	39.7
Z12-4F3	**W1350217**	71.00	73.00	2.00	weathered graphitic breccia, trace pyrite	0.2	0.1	< 0.1	0.002	0.48	7.5	7.3
Z12-4F3	**W1350218**	73.00	75.00	2.00	weathered graphitic breccia, trace pyrite	1	2	< 0.1	< 0.001	0.57	16.7	41.8
Z12-4F3	**W1350219**	75.00	76.85	1.85	weathered graphitic breccia, trace pyrite	0.4	0.9	0.5	0.002	0.5	11.6	14.8
Z12-4F3	**W1350220**	76.85	79.00	2.15	weathered graphitic breccia, trace pyrite	< 0.1	0.1	< 0.1	< 0.001	0.28	6.7	8.2
Z12-4F3	**W1350221**	79.00	81.00	2.00	weathered graphitic breccia, trace pyrite	0.1	1	0.7	0.001	0.5	10.7	6.3
Z12-4F3	**W1350222**	81.00	83.00	2.00	weathered graphitic breccia, trace pyrite	0.5	2.2	2.2	0.001	0.41	10.9	88.8
Z12-4F3	**W1350223**	83.00	85.00	2.00	weathered graphitic breccia, trace pyrite	0.1	0.3	1	0.001	0.51	10	7
Z12-4F3	**W1350224**	85.00	87.00	2.00	weathered graphitic breccia, trace pyrite	0.3	0.4	1.8	0.005	0.49	10.8	9.5
Z12-4F3	**W1350225**	**87.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.2	1	0.4	0.003	0.54	15.5	8.2
Z12-4F3	**W1350226**	87.00	89.00	2.00	weathered graphitic breccia, trace pyrite	0.3	0.5	1.3	< 0.001	0.44	10.6	16.2
Z12-4F3	**W1350227**	89.00	91.00	2.00	weathered graphitic breccia, trace pyrite	0.2	1.4	1.1	0.002	0.47	12.7	20.1
Z12-4F3	**W1350228**	91.00	93.00	2.00	weathered graphitic breccia, trace pyrite	0.4	< 0.1	0.5	0.003	0.52	9	10.6
Z12-4F3	**W1350229**	93.00	95.00	2.00	graphitic breccia, trace pyrite	0.3	0.7	1.7	0.001	0.54	6.7	11.9
Z12-4F3	**W1350230**	95.00	97.00	2.00	graphitic breccia, trace pyrite	0.1	0.4	0.4	0.004	0.4	6.9	6.4
Z12-4F3	**W1350231**	97.00	99.00	2.00	graphitic breccia, trace pyrite	0.1	0.6	1.7	< 0.001	0.31	9.7	4.6
Z12-4F3	**W1350232**	99.00	101.80	2.80	graphitic breccia, trace pyrite	0.2	1	1.8	< 0.001	0.34	9.5	6.7
Z12-4F3	**W1350233**	101.80	104.50	2.70	graphitic breccia, trace pyrite	0.2	1.3	2	0.001	0.37	10.8	21.4
Z12-4F3	**W1350234**	104.50	105.72	1.22	syenite/biotite chlorite schist	0.2	0.6	2.9	0.002	0.54	11.2	6.3
Z12-4F3	**W1350235**	105.72	108.00	2.28	graphitic overprinted mafic dyke	0.7	7.7	2.1	0.001	0.51	22.3	34.3
Z12-4F3	**W1350236**	108.00	110.00	2.00	graphitic overprinted mafic dyke	0.8	8.5	2.5	0.003	0.23	21.6	33
Z12-4F3	**W1350237**	110.00	112.00	2.00	graphitic overprinted mafic dyke	0.7	4.5	1.8	0.004	0.21	23.2	33.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Lu	Ta	W	Re	Tl	Pb	Th
Z12-4F3	**W1350238**	112.00	114.00	2.00	graphitic overprinted mafic dyke	0.7	5.7	1.7	< 0.001	0.2	25.8	32.9
Z12-4F3	**W1350239**	114.00	116.00	2.00	graphitic overprinted mafic dyke	0.8	12.8	2.7	0.001	0.23	27.6	38.2
Z12-4F3	**W1350240**	116.00	118.00	2.00	graphitic overprinted mafic dyke	0.9	9.8	2.5	0.002	0.23	25	36.1
Z12-4F3	**W1350241**	118.00	120.00	2.00	graphitic overprinted mafic dyke	0.8	11.6	2.3	0.002	0.22	24.9	33.5
Z12-4F3	**W1350242**	120.00	123.00	3.00	graphitic overprinted mafic dyke	0.8	11.4	2.1	0.002	0.23	26.9	35
Z12-4F3	**W1350243**	123.00	125.00	2.00	graphitic overprinted mafic dyke	0.9	12.9	2.9	0.005	0.3	26.9	38.8
Z12-4F3	**W1350244**	125.00	127.00	2.00	graphitic overprinted mafic dyke	0.8	9.2	2.1	0.002	0.24	23.1	36.9
Z12-4F3	**W1350245**	127.00	129.00	2.00	graphitic overprinted mafic dyke	0.8	8.8	2.8	0.001	0.24	29	39.2
Z12-4F3	**W1350246**	129.00	131.00	2.00	graphitic overprinted mafic dyke	1	0.8	0.1	0.004	0.28	46.5	36.3
Z12-4F3	**W1350247**	131.00	133.50	2.50	graphitic overprinted mafic dyke	0.7	4.8	1.1	0.002	0.23	18.3	32.3
Z12-4F3	**W1350248**	133.50	135.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	0.3	2.8	1.4	0.006	0.35	12.6	12.7
Z12-4F3	**W1350249**	135.00	137.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	1.1	0.8	0.004	0.43	18	11.3
Z12-4F3	**W1350250**	**137.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.1	0.8	0.4	0.003	0.25	11.1	5.9
Z12-4F3	**W1350251**	137.00	139.09	2.09	graphitic brecciated syenitic gneiss, trace pyrite	0.2	3.7	1.7	0.006	0.48	13.3	10.8
Z12-4F3	**W1350252**	139.09	141.00	1.91	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.6	0.9	0.003	0.55	15.5	11.9
Z12-4F3	**W1350253**	141.00	143.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.3	1	0.9	0.005	0.5	14.1	16
Z12-4F3	**W1350254**	143.00	145.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.7	0.5	0.002	0.53	12.1	6.3
Z12-4F3	**W1350255**	145.00	147.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.6	1.3	0.001	0.64	14.2	6.8
Z12-4F3	**W1350256**	147.00	149.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.6	1.5	0.004	0.49	12.8	13.3
Z12-4F3	**W1350257**	149.00	151.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.6	0.7	0.002	0.5	13.9	5.5
Z12-4F3	**W1350258**	151.00	153.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.4	0.7	0.006	0.45	12.8	6.1
Z12-4F3	**W1350259**	153.00	155.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.9	2	0.002	0.39	12.9	9.7
Z12-4F3	**W1350260**	155.00	157.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	2	3.3	0.004	0.57	19.9	10.8
Z12-4F3	**W1350261**	157.00	159.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.9	2.3	0.004	0.51	11.4	6.9
Z12-4F3	**W1350262**	159.00	161.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.3	1	0.002	0.43	13	7
Z12-4F3	**W1350263**	161.00	163.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.7	1.2	0.005	0.55	12.3	9.2
Z12-4F3	**W1350264**	163.00	165.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.7	1.3	0.003	0.48	13.7	7.3
Z12-4F3	**W1350265**	165.00	167.07	2.07	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.5	0.5	0.007	0.87	12.9	14.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Lu	Ta	W	Re	Tl	Pb	Th
Z12-4F3	**W1350266**	167.07	168.43	1.36	graphitic overprinted syenitic gneiss, graphite vein, trace pyrite	0.1	0.3	0.7	0.004	0.72	30.2	4
Z12-4F3	**W1350267**	168.43	170.00	1.57	graphitic overprinted syenitic gneiss, trace pyrite	0.1	0.2	0.5	0.004	0.59	29.9	3.9
Z12-4F3	**W1350268**	170.00	172.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	0.2	0.3	0.001	0.54	26.8	5.5
Z12-4F3	**W1350269**	172.00	174.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	0.3	< 0.1	0.004	0.54	35.1	12
Z12-4F3	**W1350270**	174.00	176.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	0.2	0.7	0.005	0.6	40.8	6.2
Z12-4F3	**W1350271**	176.00	177.00	1.00	graphitic overprinted syenitic gneiss, trace pyrite	1.2	0.5	< 0.1	0.001	0.49	17.3	83.5
Z12-4F3	**W1350272**	177.00	179.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	1.2	0.7	0.002	0.62	21.4	7.4
Z12-4F3	**W1350273**	179.00	181.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	0.2	1.5	0.7	0.004	0.54	17.8	6.8
Z12-4F3	**W1350274**	181.00	183.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	0.2	0.7	0.9	0.006	0.49	14.6	8.7
Z12-4F3	**W1350275**	**183.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.2	0.3	< 0.1	0.003	0.32	6.9	13.6
Z12-4F3	**W1350276**	183.00	185.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.5	2	1.9	0.005	0.51	16.9	22.4
Z12-4F3	**W1350277**	185.00	187.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.9	0.9	0.005	0.58	15.2	7.4
Z12-4F3	**W1350278**	187.00	188.70	1.70	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.8	0.8	0.003	0.49	15.6	4.3
Z12-4F3	**W1350279**	188.70	191.00	2.30	graphitic brecciated syenitic gneiss, intense fracturing, trace pyrite	0.2	2.7	3.1	0.001	0.5	20.2	11.3
Z12-4F3	**W1350280**	191.00	193.00	2.00	graphitic brecciated syenitic gneiss, strong fracturing, trace pyrite	0.1	0.8	1	0.002	0.44	15.4	5.6
Z12-4F3	**W1350281**	193.00	194.85	1.85	graphitic brecciated syenitic gneiss, trace pyrite	0.1	1.3	0.9	0.002	0.39	18.1	7.1
Z12-4F3	**W1350282**	194.85	196.00	1.15	graphitic brecciated syenitic gneiss, mafic dyke, trace pyrite/pyrotite	0.6	10.5	2.7	< 0.001	0.3	19.9	30.8
Z12-4F3	**W1350283**	196.00	197.23	1.23	graphitic brecciated syenitic gneiss, trace pyrite	0.7	9.5	2.5	0.004	0.32	34.5	34.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Lu	Ta	W	Re	Tl	Pb	Th
Z12-4F3	**W1350284**	197.23	199.00	1.77	graphitic brecciated syenitic gneiss, trace pyrite	0.2	1.4	1.5	0.002	0.36	11.9	8.9
Z12-4F3	**W1350285**	199.00	201.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	1.6	2.5	0.003	0.45	16.4	9.7
Z12-4F3	**W1350286**	201.00	203.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	1.1	0.7	0.002	0.38	12.5	7.3
Z12-4F3	**W1350287**	203.00	205.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	1.8	0.9	0.003	0.42	11.1	8.8
Z12-4F3	**W1350288**	205.00	207.00	2.00	graphitic brecciated syenitic gneiss, graphic dyke, trace pyrite	0.2	2.1	1.1	0.003	0.65	14.7	12.3
Z12-4F3	**W1350289**	207.00	209.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.9	0.3	0.002	0.47	10.9	8.7
Z12-4F3	**W1350290**	209.00	211.37	2.37	graphitic brecciated syenitic gneiss, trace pyrite	0.3	2.2	1.3	0.003	0.63	22.8	17
Z12-4F3	**W1350291**	211.37	213.00	1.63	graphitic overprinted syenitic gneiss, trace pyrite	0.2	0.3	0.7	< 0.001	0.46	31.7	13
Z12-4F3	**W1350292**	213.00	215.00	2.00	graphitic brecciated syenitic gneiss, moderate fracture, trace pyrite	0.3	0.4	1.6	0.001	0.72	33.9	33.9
Z12-4F3	**W1350293**	215.00	217.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	1.1	0.6	0.003	0.63	14.9	6.8
Z12-4F3	**W1350294**	217.00	219.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	0.4	0.3	< 0.001	0.59	14.2	3.4
Z12-4F3	**W1350295**	219.00	221.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	0.2	0.2	< 0.001	0.59	17.8	4.3
Z12-4F3	**W1350296**	221.00	223.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	2.1	1	< 0.001	0.7	20.5	10.4
Z12-4F3	**W1350297**	223.00	225.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	1.1	1.1	0.001	0.68	12.1	11.5
Z12-4F3	**W1350298**	225.00	227.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.4	2.7	5.5	0.003	0.81	33.2	16.9
Z12-4F3	**W1350299**	227.00	229.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	2.3	0.2	< 0.001	0.61	17.8	8.7
Z12-4F3	**W1350300**	**229.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.2	1	0.6	0.003	0.54	15.7	9.1
Z12-4F3	**W1350301**	229.00	231.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.5	0.3	1.3	< 0.001	0.45	24	11.7
Z12-4F3	**W1350302**	231.00	233.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.3	2.4	0.002	0.54	23.1	6.3
Z12-4F3	**W1350303**	233.00	235.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	1.1	0.5	< 0.001	0.54	13	6.5
Z12-4F3	**W1350304**	235.00	237.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.4	0.4	< 0.001	0.56	12.8	5.8
Z12-4F3	**W1350305**	237.00	239.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.4	1.9	1.2	0.004	0.56	13.8	13.8
Z12-4F3	**W1350306**	239.00	241.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.8	0.4	0.002	0.54	12.2	8.2
Z12-4F3	**W1350307**	241.00	243.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.2	0.8	0.8	0.002	0.61	11.8	5.6
Z12-4F3	**W1350308**	243.00	245.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	0.7	1.8	< 0.001	0.55	19.8	3.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Lu	Ta	W	Re	Tl	Pb	Th
Z12-4F3	**W1350309**	245.00	247.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.5	0.6	0.003	0.52	13.9	6.2
Z12-4F3	**W1350310**	247.00	248.40	1.40	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	0.7	0.8	< 0.001	0.53	13.9	5.8
Z12-4F3	**W1350311**	248.40	249.75	1.35	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.6	1.3	< 0.001	0.58	12.2	9.9
Z12-4F3	**W1350312**	**249.75**	**250.31**	**0.56**	**fine graphite-rich lump**	0.1	1	1	0.002	0.53	7.4	6.7
Z12-4F3	**W1350313**	250.31	252.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	< 0.1	0.4	1	< 0.001	0.4	17.1	11.4
Z12-4F3	**W1350314**	252.00	253.50	1.50	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.8	1	0.004	0.49	11.5	7
Z12-4F3	**W1350315**	253.50	255.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	0.1	0.7	0.7	< 0.001	0.56	8.9	9.1
Z12-4F3	**W1350316**	**255.00**	**255.68**	**0.68**	**fine graphite-rich lump**	0.1	0.8	0.3	< 0.001	0.6	8.5	6.7
Z12-4F3	**W1350317**	255.68	257.00	1.32	fracture zone, intense	0.3	0.8	2	0.001	0.47	8.8	11
Z12-4F3	**W1350318**	257.00	259.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.4	1.8	2.6	0.003	0.76	13.8	12.9
Z12-4F3	**W1350319**	259.00	261.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	0.7	1.3	3.4	0.001	0.88	9.4	27.9
Z12-4F3	**W1350320**	261.00	263.00	2.00	mafic dyke	0.3	1.8	1.7	< 0.001	0.51	11.1	11.3
Z12-4F3	**W1350321**	263.00	265.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.3	0.5	3	< 0.001	0.62	14.5	25.8
Z12-4F3	**W1350322**	265.00	267.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	0.7	2	0.001	0.68	25.1	8.6
Z12-4F3	**W1350323**	267.00	269.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	1.2	4.4	< 0.001	0.68	30.6	11.8
Z12-4F3	**W1350324**	269.00	271.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	0.4	2.4	0.001	0.64	37.9	7.1
Z12-4F3	**W1350325**	**271.00**	**QC**		**J600100 Pulp: 10% C (high)**	0.1	0.8	0.6	< 0.001	0.26	11	7.5
Z12-4F3	**W1350326**	271.00	273.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	< 0.1	0.6	1	< 0.001	0.62	14	7
Z12-4F3	**W1350327**	273.00	275.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.3	1	1.3	0.001	0.47	19.3	20.3
Z12-4F3	**W1350328**	275.00	277.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.7	5.3	1.7	0.004	0.65	28.3	20.9
Z12-4F3	**W1350329**	277.00	279.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	0.8	0.5	< 0.001	0.51	18.2	5.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Lu	Ta	W	Re	Tl	Pb	Th
Z12-4F3	**W1350330**	279.00	282.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.3	3.2	1.4	0.001	0.57	21.5	13.8
Z12-4F3	**W1350331**	282.00	285.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.3	1.5	2.2	0.002	0.74	34	30.5
Z12-4F3	**W1350332**	285.00	288.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	2.1	1.2	0.003	0.96	20.8	14.5
Z12-4F3	**W1350333**	288.00	291.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	0.7	1.2	0.003	0.48	26	54.6
Z12-4F3	**W1350334**	291.00	294.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	0.4	0.9	0.003	0.5	32.9	7.5
Z12-4F3	**W1350335**	294.00	297.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.3	0.2	2.3	0.004	0.6	36.7	13.3
Z12-4F3	**W1350336**	297.00	300.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	0.2	1.4	0.001	0.43	15.8	17.2
Z12-4F3	**W1350337**	300.00	303.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	0.8	1.9	< 0.001	0.54	20.4	12.4
Z12-4F3	**W1350338**	303.00	306.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.4	5.2	2.3	0.002	0.84	19.8	36.6
Z12-4F3	**W1350339**	306.00	309.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.7	7.5	3.7	0.003	0.84	27.7	40.6
Z12-4F3	**W1350340**	309.00	312.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.7	7	4.2	0.004	0.85	55.2	40.5
Z12-4F3	**W1350341**	312.00	315.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.3	1.8	1.8	0.002	0.65	31.1	22.2
Z12-4F3	**W1350342**	315.00	318.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	1.3	2.8	< 0.001	0.6	47.1	6.2
Z12-4F3	**W1350343**	318.00	321.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.1	0.7	1	0.001	0.55	15.7	8.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Lu	Ta	W	Re	Tl	Pb	Th
Z12-4F3	**W1350344**	321.00	324.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	0.4	1.7	0.002	0.63	42.6	8.7
Z12-4F3	**W1350345**	324.00	327.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.2	0.2	2.4	< 0.001	0.59	73.6	7.2
Z12-4F3	**W1350346**	327.00	330.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.5	0.6	4.2	0.002	0.83	36.1	24.2
Z12-4F3	**W1350347**	330.00	333.00	3.00	graphitic overprinted syenitic gneiss, intense fracturing, trace pyrite	0.3	3.7	2.5	0.002	0.75	20	22.5
Z12-4F3	**W1350348**	333.00	336.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	0.5	3.7	2.1	0.002	0.62	76.3	33
Z12-4F3	**W1350349**	336.00	339.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.6	9.1	3.1	0.001	1.07	26.5	35.6
Z12-4F3	**W1350350**	**339.00**	**QC**		**M760121 Pulp: REE/C Blank**	0.2	12.7	1.6	0.001	0.31	7.3	14.8
Z12-4F3	**W1350351**	339.00	342.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.7	5.5	2.7	0.004	0.71	71.6	34.2
Z12-4F3	**W1350352**	342.00	345.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.8	7.4	3.6	< 0.001	0.74	27.7	33.1
Z12-4F3	**W1350353**	345.00	348.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.7	3.5	2	< 0.001	0.67	35.1	30
Z12-4F3	**W1350354**	348.00	351.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.6	2.2	1.4	< 0.001	0.68	12.7	30.4
Z12-4F3	**W1350355**	351.00	354.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.7	3.7	1.7	0.006	0.66	17.7	22.5
Z12-4F3	**W1350356**	354.00	357.00	3.00	nepheline syenite, trace pyrite/pyrotite	0.9	7.2	3.3	0.003	0.74	32.7	29
Z12-4F3	**W1350362**	398.00	400.00	2.00	shear zone, intense fracture	1.2	2.3	2.6	0.001	0.98	28.8	61.3
Z12-4F3	**W1350363**	400.00	402.00	2.00	shear zone, intense fracture	1	4.7	3.7	< 0.001	0.87	37.3	31.1
Z12-4F3	**W1350364**	402.00	404.00	2.00	shear zone, moderate fracture	0.6	3.4	2.5	0.001	1.03	25.3	21.3
Z12-4F3	**W1350365**	404.00	406.00	2.00	shear zone, intense fracture, pyrite blebs	0.8	3.9	3	0.004	4.73	59.2	29.6
Z12-4F3	**W1350366**	406.00	408.00	2.00	shear zone, weak fracture, mafic dyke	0.5	1.1	2.9	0.003	1.28	16.4	6.6
Z12-4F3	**W1350367**	408.00	410.00	2.00	shear zone, weak fracture	0.4	0.4	2.7	0.004	1.78	22.9	4.5
Z12-4F3	**W1350368**	410.00	412.00	2.00	shear zone, weak fracture, biotite chlorite magnetite schist pyrite blebs	1.6	1.3	1.5	0.003	1.97	41.7	117
Z12-4F3	**W1350369**	412.00	414.00	2.00	shear zone, weak fracture	0.5	0.3	3.9	0.004	1.48	24.3	4.7
Z12-4F3	**W1350370**	414.00	416.00	2.00	shear zone, weak fracture, mafic dyke	0.5	0.4	5.3	< 0.001	1.26	25.3	8.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Lu	Ta	W	Re	Tl	Pb	Th
Z12-4F3	**W1350371**	416.00	418.00	2.00	shear zone, weak fracture, mafic dyke, biotite chlorite schist	0.6	2.4	1.9	0.001	3.02	16.1	31.6
Z12-4F3	**W1350372**	418.00	420.00	2.00	shear zone, weak fracture	0.6	1.2	1.6	0.002	2.44	13.2	26.6
Z12-4F3	**W1350373**	420.00	422.00	2.00	shear zone, weak fracture	0.7	2.4	3.6	0.001	2.05	13.5	19.9
Z12-4F3	**W1350374**	422.00	424.00	2.00	shear zone, weak fracture, biotite chlorite schist	0.6	1.6	3.5	< 0.001	2.18	48.1	39.4
Z12-4F3	**W1350375**	**424.00**	**QC**		**J600090 Pulp 4.1% C (med)**	0.2	0.9	0.5	< 0.001	0.6	16.9	9.3
Z12-4F3	**W1350376**	424.00	427.00	3.00	shear zone, intense fracture, biotite chlorite schist	0.4	< 0.1	0.3	0.005	0.71	46.8	15.3
Z12-4F3	**W1350377**	427.00	429.00	2.00	shear zone, weak fracture, syenite	0.5	0.9	3.7	0.003	0.5	45	69.9
Z12-4F3	**W1350378**	429.00	431.00	2.00	shear zone, weak fracture, syenite/biotite chlorite schist	0.5	0.9	3.5	0.002	1.42	18.3	32.4
Z12-4F3	**W1350379**	431.00	433.00	2.00	shear zone, weak fracture, syenite with 20cm biotite chlorite schist	0.3	1.2	2.7	0.002	0.8	17.4	19.4
Z12-4F3	**W1350380**	433.00	436.00	3.00	syenite with small fault	0.3	0.6	2.9	0.003	0.57	21.5	10.3
Z12-4F3	**W1350381**	436.00	439.00	3.00	syenite	0.5	3.7	3.2	0.004	0.63	26.6	9.2
Z12-4F3	**W1350382**	439.00	442.00	3.00	syenite with small fault	0.9	1.2	1.1	< 0.001	0.65	35.4	28
Z12-4F3	**W1350383**	442.00	445.00	3.00	syenite with small fault	0.2	0.7	1.4	0.002	0.52	29	8.6
Z12-4F3	**W1350384**	445.00	448.00	3.00	syenite with small fault	0.1	1.1	1.6	0.003	1	43.6	8.9
Z12-4F3	**W1350385**	448.00	451.00	3.00	syenite with small fault	0.2	0.5	1.6	0.003	0.56	21.3	9.5
Z12-4F3	**W1350386**	458.50	461.00	2.50	very dark, greasy mafic dyke	0.6	< 0.1	0.2	0.001	1.53	23.7	37.9
					END OF HOLE							

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F3	**W1350210**	56.71	58.35	1.64	wacke, weathered diorite, trace pyrite	2.6	193	13	12
Z12-4F3	**W1350211**	58.35	61.54	3.19	weathered syenite, trace graphite, trace pyrite	0.8	< 2	< 5	< 5
Z12-4F3	**W1350212**	61.54	62.39	0.85	dark syenite slightly conductive overprint, trace pyrite	1.8	5	< 5	9
Z12-4F3	**W1350213**	62.39	65.00	2.61	weathered graphitic breccia, trace pyrite	1.7	2	< 5	< 5
Z12-4F3	**W1350214**	65.00	67.00	2.00	weathered graphitic breccia, trace pyrite	1.6	< 2	< 5	< 5
Z12-4F3	**W1350215**	67.00	69.00	2.00	weathered graphitic breccia, trace pyrite	1.9	4	< 5	< 5
Z12-4F3	**W1350216**	69.00	71.00	2.00	weathered graphitic breccia, trace pyrite	4.4	2	< 5	< 5
Z12-4F3	**W1350217**	71.00	73.00	2.00	weathered graphitic breccia, trace pyrite	2.1	3	< 5	< 5
Z12-4F3	**W1350218**	73.00	75.00	2.00	weathered graphitic breccia, trace pyrite	5.8	< 2	< 5	< 5
Z12-4F3	**W1350219**	75.00	76.85	1.85	weathered graphitic breccia, trace pyrite	2.7	3	< 5	< 5
Z12-4F3	**W1350220**	76.85	79.00	2.15	weathered graphitic breccia, trace pyrite	1.9	5	< 5	< 5
Z12-4F3	**W1350221**	79.00	81.00	2.00	weathered graphitic breccia, trace pyrite	1.8	4	< 5	< 5
Z12-4F3	**W1350222**	81.00	83.00	2.00	weathered graphitic breccia, trace pyrite	4.2	4	5	< 5
Z12-4F3	**W1350223**	83.00	85.00	2.00	weathered graphitic breccia, trace pyrite	2	134	11	< 5
Z12-4F3	**W1350224**	85.00	87.00	2.00	weathered graphitic breccia, trace pyrite	2	13	< 5	< 5
Z12-4F3	**W1350225**	**87.00**	**QC**		**J600090 Pulp 4.1% C (med)**	2.8	3	< 5	< 5
Z12-4F3	**W1350226**	87.00	89.00	2.00	weathered graphitic breccia, trace pyrite	2.1	4	< 5	< 5
Z12-4F3	**W1350227**	89.00	91.00	2.00	weathered graphitic breccia, trace pyrite	4.6	3	< 5	< 5
Z12-4F3	**W1350228**	91.00	93.00	2.00	weathered graphitic breccia, trace pyrite	2.9	3	< 5	< 5
Z12-4F3	**W1350229**	93.00	95.00	2.00	graphitic breccia, trace pyrite	2.8	< 2	< 5	< 5
Z12-4F3	**W1350230**	95.00	97.00	2.00	graphitic breccia, trace pyrite	1.7	< 2	< 5	< 5
Z12-4F3	**W1350231**	97.00	99.00	2.00	graphitic breccia, trace pyrite	1.6	< 2	< 5	< 5
Z12-4F3	**W1350232**	99.00	101.80	2.80	graphitic breccia, trace pyrite	2.1	< 2	< 5	12
Z12-4F3	**W1350233**	101.80	104.50	2.70	graphitic breccia, trace pyrite	2.8	3	< 5	< 5
Z12-4F3	**W1350234**	104.50	105.72	1.22	syenite/biotite chlorite schist	2.6	< 2	< 5	< 5
Z12-4F3	**W1350235**	105.72	108.00	2.28	graphitic overprinted mafic dyke	12.6	< 2	< 5	< 5
Z12-4F3	**W1350236**	108.00	110.00	2.00	graphitic overprinted mafic dyke	13.6	2	< 5	< 5
Z12-4F3	**W1350237**	110.00	112.00	2.00	graphitic overprinted mafic dyke	14.2	< 2	< 5	6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F3	**W1350238**	112.00	114.00	2.00	graphitic overprinted mafic dyke	14.4	3	< 5	< 5
Z12-4F3	**W1350239**	114.00	116.00	2.00	graphitic overprinted mafic dyke	16.1	< 2	< 5	< 5
Z12-4F3	**W1350240**	116.00	118.00	2.00	graphitic overprinted mafic dyke	15.6			
Z12-4F3	**W1350241**	118.00	120.00	2.00	graphitic overprinted mafic dyke	15.3	< 2	< 5	< 5
Z12-4F3	**W1350242**	120.00	123.00	3.00	graphitic overprinted mafic dyke	16	4	< 5	< 5
Z12-4F3	**W1350243**	123.00	125.00	2.00	graphitic overprinted mafic dyke	17.2	< 2	< 5	< 5
Z12-4F3	**W1350244**	125.00	127.00	2.00	graphitic overprinted mafic dyke	16.2	< 2	< 5	< 5
Z12-4F3	**W1350245**	127.00	129.00	2.00	graphitic overprinted mafic dyke	16.3	< 2	< 5	< 5
Z12-4F3	**W1350246**	129.00	131.00	2.00	graphitic overprinted mafic dyke	14.3	< 2	< 5	6
Z12-4F3	**W1350247**	131.00	133.50	2.50	graphitic overprinted mafic dyke	13	< 2	< 5	< 5
Z12-4F3	**W1350248**	133.50	135.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	3.5	< 2	< 5	< 5
Z12-4F3	**W1350249**	135.00	137.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.5	4	< 5	10
Z12-4F3	**W1350250**	**137.00**	**QC**		**J600100 Pulp: 10% C (high)**	1.7	3	< 5	9
Z12-4F3	**W1350251**	137.00	139.09	2.09	graphitic brecciated syenitic gneiss, trace pyrite	3.5	< 2	< 5	< 5
Z12-4F3	**W1350252**	139.09	141.00	1.91	graphitic brecciated syenitic gneiss, trace pyrite	1.6	< 2	< 5	< 5
Z12-4F3	**W1350253**	141.00	143.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.9	< 2	< 5	< 5
Z12-4F3	**W1350254**	143.00	145.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.9	< 2	< 5	< 5
Z12-4F3	**W1350255**	145.00	147.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.5	< 2	< 5	< 5
Z12-4F3	**W1350256**	147.00	149.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.3	4	< 5	< 5
Z12-4F3	**W1350257**	149.00	151.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.4	< 2	< 5	< 5
Z12-4F3	**W1350258**	151.00	153.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2	3	< 5	< 5
Z12-4F3	**W1350259**	153.00	155.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.2	< 2	< 5	< 5
Z12-4F3	**W1350260**	155.00	157.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.5	3	< 5	6
Z12-4F3	**W1350261**	157.00	159.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.7	< 2	< 5	< 5
Z12-4F3	**W1350262**	159.00	161.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.7	< 2	< 5	< 5
Z12-4F3	**W1350263**	161.00	163.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.7	< 2	< 5	< 5
Z12-4F3	**W1350264**	163.00	165.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.2	< 2	< 5	< 5
Z12-4F3	**W1350265**	165.00	167.07	2.07	graphitic brecciated syenitic gneiss, trace pyrite	2.6	2	< 5	8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F3	**W1350266**	167.07	168.43	1.36	graphitic overprinted syenitic gneiss, graphite vein, trace pyrite	1.8	< 2	< 5	< 5
Z12-4F3	**W1350267**	168.43	170.00	1.57	graphitic overprinted syenitic gneiss, trace pyrite	2.3	< 2	< 5	< 5
Z12-4F3	**W1350268**	170.00	172.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	3.9	< 2	< 5	< 5
Z12-4F3	**W1350269**	172.00	174.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	2.2	< 2	< 5	< 5
Z12-4F3	**W1350270**	174.00	176.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.5	< 2	< 5	< 5
Z12-4F3	**W1350271**	176.00	177.00	1.00	graphitic overprinted syenitic gneiss, trace pyrite	8.5	2	< 5	< 5
Z12-4F3	**W1350272**	177.00	179.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3	< 2	< 5	< 5
Z12-4F3	**W1350273**	179.00	181.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	2.8	11	< 5	< 5
Z12-4F3	**W1350274**	181.00	183.00	2.00	graphitic brecciated syenitic gneiss, strong fracture, trace pyrite	1.9	< 2	< 5	< 5
Z12-4F3	**W1350275**	**183.00**	**QC**		**M760121 Pulp: REE/C Blank**	3.5	< 2	< 5	< 5
Z12-4F3	**W1350276**	183.00	185.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	9.4	3	< 5	< 5
Z12-4F3	**W1350277**	185.00	187.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.5	< 2	< 5	< 5
Z12-4F3	**W1350278**	187.00	188.70	1.70	graphitic brecciated syenitic gneiss, trace pyrite	1.5	2	< 5	< 5
Z12-4F3	**W1350279**	188.70	191.00	2.30	graphitic brecciated syenitic gneiss, intense fracturing, trace pyrite	3.3	< 2	< 5	< 5
Z12-4F3	**W1350280**	191.00	193.00	2.00	graphitic brecciated syenitic gneiss, strong fracturing, trace pyrite	7.7	< 2	< 5	< 5
Z12-4F3	**W1350281**	193.00	194.85	1.85	graphitic brecciated syenitic gneiss, trace pyrite	2.4	< 2	< 5	< 5
Z12-4F3	**W1350282**	194.85	196.00	1.15	graphitic brecciated syenitic gneiss, mafic dyke, trace pyrite/pyrotite	13.7	< 2	< 5	< 5
Z12-4F3	**W1350283**	196.00	197.23	1.23	graphitic brecciated syenitic gneiss, trace pyrite	14.5	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F3	**W1350284**	197.23	199.00	1.77	graphitic brecciated syenitic gneiss, trace pyrite	2.3	< 2	< 5	< 5
Z12-4F3	**W1350285**	199.00	201.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.3	< 2	< 5	< 5
Z12-4F3	**W1350286**	201.00	203.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.4	3	< 5	< 5
Z12-4F3	**W1350287**	203.00	205.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.7	< 2	< 5	< 5
Z12-4F3	**W1350288**	205.00	207.00	2.00	graphitic brecciated syenitic gneiss, graphic dyke, trace pyrite	3	< 2	< 5	< 5
Z12-4F3	**W1350289**	207.00	209.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.3	< 2	< 5	< 5
Z12-4F3	**W1350290**	209.00	211.37	2.37	graphitic brecciated syenitic gneiss, trace pyrite	3.2	< 2	< 5	< 5
Z12-4F3	**W1350291**	211.37	213.00	1.63	graphitic overprinted syenitic gneiss, trace pyrite	1.1	< 2	< 5	< 5
Z12-4F3	**W1350292**	213.00	215.00	2.00	graphitic brecciated syenitic gneiss, moderate fracture, trace pyrite	3.1	< 2	< 5	< 5
Z12-4F3	**W1350293**	215.00	217.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.5	< 2	< 5	< 5
Z12-4F3	**W1350294**	217.00	219.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.8	< 2	< 5	< 5
Z12-4F3	**W1350295**	219.00	221.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.5	< 2	< 5	< 5
Z12-4F3	**W1350296**	221.00	223.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.3	< 2	< 5	< 5
Z12-4F3	**W1350297**	223.00	225.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.2	< 2	< 5	< 5
Z12-4F3	**W1350298**	225.00	227.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	5.6	< 2	< 5	< 5
Z12-4F3	**W1350299**	227.00	229.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.6	< 2	< 5	< 5
Z12-4F3	**W1350300**	**229.00**	**QC**		**J600090 Pulp 4.1% C (med)**	6.8	< 2	< 5	< 5
Z12-4F3	**W1350301**	229.00	231.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	4.1	< 2	< 5	< 5
Z12-4F3	**W1350302**	231.00	233.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.1	< 2	< 5	< 5
Z12-4F3	**W1350303**	233.00	235.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	3.3	5	< 5	< 5
Z12-4F3	**W1350304**	235.00	237.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.2	< 2	< 5	< 5
Z12-4F3	**W1350305**	237.00	239.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.9	< 2	< 5	< 5
Z12-4F3	**W1350306**	239.00	241.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2	< 2	< 5	< 5
Z12-4F3	**W1350307**	241.00	243.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.8	< 2	< 5	< 5
Z12-4F3	**W1350308**	243.00	245.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.6	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F3	**W1350309**	245.00	247.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	1.6	< 2	< 5	< 5
Z12-4F3	**W1350310**	247.00	248.40	1.40	graphitic brecciated syenitic gneiss, trace pyrite	2.1	< 2	< 5	< 5
Z12-4F3	**W1350311**	248.40	249.75	1.35	graphitic brecciated syenitic gneiss, trace pyrite	1.4	< 2	< 5	< 5
Z12-4F3	**W1350312**	**249.75**	**250.31**	**0.56**	**fine graphite-rich lump**	1.4	< 2	< 5	< 5
Z12-4F3	**W1350313**	250.31	252.00	1.69	graphitic brecciated syenitic gneiss, trace pyrite	1.2	< 2	< 5	< 5
Z12-4F3	**W1350314**	252.00	253.50	1.50	graphitic brecciated syenitic gneiss, trace pyrite	2.7	< 2	< 5	< 5
Z12-4F3	**W1350315**	253.50	255.00	1.50	graphitic brecciated syenitic gneiss, trace pyrite	1.9	< 2	< 5	< 5
Z12-4F3	**W1350316**	**255.00**	**255.68**	**0.68**	**fine graphite-rich lump**	1.8	< 2	< 5	< 5
Z12-4F3	**W1350317**	255.68	257.00	1.32	fracture zone, intense	2.7	< 2	< 5	< 5
Z12-4F3	**W1350318**	257.00	259.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.8	< 2	< 5	< 5
Z12-4F3	**W1350319**	259.00	261.00	2.00	graphitic brecciated syenitic gneiss, trace pyrite	2.1	< 2	< 5	< 5
Z12-4F3	**W1350320**	261.00	263.00	2.00	mafic dyke	1.9	< 2	< 5	< 5
Z12-4F3	**W1350321**	263.00	265.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.4	< 2	< 5	< 5
Z12-4F3	**W1350322**	265.00	267.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	2	< 2	< 5	< 5
Z12-4F3	**W1350323**	267.00	269.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	2.4	< 2	< 5	< 5
Z12-4F3	**W1350324**	269.00	271.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.5	< 2	< 5	< 5
Z12-4F3	**W1350325**	**271.00**	**QC**		**J600100 Pulp: 10% C (high)**	2	< 2	< 5	< 5
Z12-4F3	**W1350326**	271.00	273.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	1.1	< 2	< 5	< 5
Z12-4F3	**W1350327**	273.00	275.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	2.1	< 2	< 5	< 5
Z12-4F3	**W1350328**	275.00	277.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	8.3	< 2	< 5	< 5
Z12-4F3	**W1350329**	277.00	279.00	2.00	graphitic overprinted syenitic gneiss, trace pyrite	3.5	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F3	**W1350330**	279.00	282.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	4.1	< 2	< 5	< 5
Z12-4F3	**W1350331**	282.00	285.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	6.2	< 2	< 5	< 5
Z12-4F3	**W1350332**	285.00	288.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	3.7	2	< 5	< 5
Z12-4F3	**W1350333**	288.00	291.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	2.7	< 2	< 5	< 5
Z12-4F3	**W1350334**	291.00	294.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.5	< 2	< 5	< 5
Z12-4F3	**W1350335**	294.00	297.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.1	< 2	< 5	< 5
Z12-4F3	**W1350336**	297.00	300.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.1	< 2	< 5	< 5
Z12-4F3	**W1350337**	300.00	303.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.6	< 2	< 5	< 5
Z12-4F3	**W1350338**	303.00	306.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	12	< 2	< 5	< 5
Z12-4F3	**W1350339**	306.00	309.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	11.5	< 2	< 5	< 5
Z12-4F3	**W1350340**	309.00	312.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	10.8	< 2	< 5	< 5
Z12-4F3	**W1350341**	312.00	315.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	6.1	< 2	< 5	< 5
Z12-4F3	**W1350342**	315.00	318.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	2.5	< 2	< 5	< 5
Z12-4F3	**W1350343**	318.00	321.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.6	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F3	**W1350344**	321.00	324.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.7	< 2	< 5	< 5
Z12-4F3	**W1350345**	324.00	327.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	1.3	< 2	< 5	< 5
Z12-4F3	**W1350346**	327.00	330.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	2.9	3	< 5	< 5
Z12-4F3	**W1350347**	330.00	333.00	3.00	graphitic overprinted syenitic gneiss, intense fracturing, trace pyrite	5.3	< 2	< 5	< 5
Z12-4F3	**W1350348**	333.00	336.00	3.00	graphitic overprinted syenitic gneiss, trace pyrite	6.4	< 2	< 5	< 5
Z12-4F3	**W1350349**	336.00	339.00	3.00	nepheline syenite, trace pyrite/pyrotite	10	< 2	< 5	< 5
Z12-4F3	**W1350350**	**339.00**	**QC**		**M760121 Pulp: REE/C Blank**	3.5	< 2	< 5	< 5
Z12-4F3	**W1350351**	339.00	342.00	3.00	nepheline syenite, trace pyrite/pyrotite	8.2	< 2	< 5	< 5
Z12-4F3	**W1350352**	342.00	345.00	3.00	nepheline syenite, trace pyrite/pyrotite	8.2	< 2	< 5	< 5
Z12-4F3	**W1350353**	345.00	348.00	3.00	nepheline syenite, trace pyrite/pyrotite	7.6	< 2	< 5	< 5
Z12-4F3	**W1350354**	348.00	351.00	3.00	nepheline syenite, trace pyrite/pyrotite	6.4	< 2	< 5	< 5
Z12-4F3	**W1350355**	351.00	354.00	3.00	nepheline syenite, trace pyrite/pyrotite	5.3	< 2	< 5	< 5
Z12-4F3	**W1350356**	354.00	357.00	3.00	nepheline syenite, trace pyrite/pyrotite	5.5	< 2	9	< 5
Z12-4F3	**W1350362**	398.00	400.00	2.00	shear zone, intense fracture	3.8	< 2	< 5	< 5
Z12-4F3	**W1350363**	400.00	402.00	2.00	shear zone, intense fracture	4.1	4	< 5	< 5
Z12-4F3	**W1350364**	402.00	404.00	2.00	shear zone, moderate fracture	5	< 2	8	< 5
Z12-4F3	**W1350365**	404.00	406.00	2.00	shear zone, intense fracture, pyrite blebs	4.2	< 2	10	< 5
Z12-4F3	**W1350366**	406.00	408.00	2.00	shear zone, weak fracture, mafic dyke	1.6	2	< 5	< 5
Z12-4F3	**W1350367**	408.00	410.00	2.00	shear zone, weak fracture	1.5	< 2	< 5	< 5
Z12-4F3	**W1350368**	410.00	412.00	2.00	shear zone, weak fracture, biotite chlorite magnetite schist pyrite blebs	7.8	14	< 5	< 5
Z12-4F3	**W1350369**	412.00	414.00	2.00	shear zone, weak fracture	0.9	< 2	< 5	< 5
Z12-4F3	**W1350370**	414.00	416.00	2.00	shear zone, weak fracture, mafic dyke	1.2	4	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F3	**W1350371**	416.00	418.00	2.00	shear zone, weak fracture, mafic dyke, biotite chlorite schist	2.8	17	< 5	< 5
Z12-4F3	**W1350372**	418.00	420.00	2.00	shear zone, weak fracture	2.8	6	< 5	< 5
Z12-4F3	**W1350373**	420.00	422.00	2.00	shear zone, weak fracture	5.3	9	< 5	< 5
Z12-4F3	**W1350374**	422.00	424.00	2.00	shear zone, weak fracture, biotite chlorite schist	2.5	4	< 5	< 5
Z12-4F3	**W1350375**	**424.00**	**QC**		**J600090 Pulp 4.1% C (med)**	2.7	< 2	< 5	< 5
Z12-4F3	**W1350376**	424.00	427.00	3.00	shear zone, intense fracture, biotite chlorite schist	0.7	16	< 5	< 5
Z12-4F3	**W1350377**	427.00	429.00	2.00	shear zone, weak fracture, syenite	2.2	< 2	< 5	< 5
Z12-4F3	**W1350378**	429.00	431.00	2.00	shear zone, weak fracture, syenite/biotite chlorite schist	1.6	3	< 5	< 5
Z12-4F3	**W1350379**	431.00	433.00	2.00	shear zone, weak fracture, syenite with 20cm biotite chlorite schist	2.2	< 2	< 5	< 5
Z12-4F3	**W1350380**	433.00	436.00	3.00	syenite with small fault	1	< 2	< 5	< 5
Z12-4F3	**W1350381**	436.00	439.00	3.00	syenite	2.1	< 2	< 5	< 5
Z12-4F3	**W1350382**	439.00	442.00	3.00	syenite with small fault	4.2	< 2	< 5	< 5
Z12-4F3	**W1350383**	442.00	445.00	3.00	syenite with small fault	1.2	< 2	< 5	< 5
Z12-4F3	**W1350384**	445.00	448.00	3.00	syenite with small fault	2	< 2	< 5	< 5
Z12-4F3	**W1350385**	448.00	451.00	3.00	syenite with small fault	2	< 2	< 5	< 5
Z12-4F3	**W1350386**	458.50	461.00	2.50	very dark, greasy mafic dyke	4.7	7	< 5	< 5
					END OF HOLE				

ZENYATTA - ALBANY PROJECT- PHASE II DRILLING

SUMMARY LOG: Z12-4F4

EASTING	682955 (UTMs: NAD 83, Zone 16)
NORTHING	5545700 (UTMs: NAD 83, Zone 16)
ELEVATION	130 metres
AZIMUTH	180°
INCLINATION	-80
STARTED	April-28-12
ENDED	May-02-12
DRILLED BY	Foraco Canada
LOGGED BY	Andrew Dalby
ASSISTED BY	K. Genrich
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Zenyatta warehouse, Thunder Bay
TOTAL DEPTH	179 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z12-4F4	0.00	32.00	OVERBURDEN
Z12-4F4	32.00	44.33	PALEOZOIC COVER
Z12-4F4	44.33	48.20	PALEOWEATHERED SYENITE
Z12-4F4	48.20	61.80	**GRAPHITIC BRECCIATED SYENITIC GNEISS**
Z12-4F4	61.80	179.00	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**
			Hole abandonned due to caving in the paleoweathered section
			END OF HOLE

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F4	0.00	32.00	OVERBURDEN	Outwash sand and gravel, boulders
Z12-4F4	32.00	44.33	PALEOZOIC COVER	This is the same, or similar carbonate and sandstone sequence as found in adjacent holes. All observable bedding planes @CAA80. -32.00 to 40.29 Laminated bioturbated limestone -40.29 to 41.00 Bioturbated bioclastic limestone -41.00 to 42.57 Laminated limey wacke interbedded with bioclastic limestone -42.57 to 43.42 Very dark grey laminated wacke -43.42 to 44.13 Laminated micrite interbedded with laminated limey wacke -44.13 to 44.33 Limey wacke/orthoquartzite
Z12-4F4	44.33	48.20	PALEOWEATHERED SYENITE	Medium grained non-magnetic friable/poorly consolidated intensely paleoweathered probable syenite, based on downcore rock to which is grades. Light mottled grey serpentinized clay with darker grey biotites and horneblendes. No observable graphite.
Z12-4F4	48.20	61.80	**GRAPHITIC BRECCIATED SYENITIC GNEISS**	Most of this unit is paleoweathered (intensely to 51.88; moderately from 53.66 to 58.00; then weakly weathered). This is the graphitic brecciated syenitic gneiss as found in other holes. It is also moderately sheared throughout with numerous submillimeter to 6mm wide carbonate veins at various orientations. The lower contact is defined by the absence of brecciation below 63.40. -51.88 to 53.66 Aplite dyke. Contacts have been distorted by shearing. -53.06 to 53.56 Moderately fractured fault zone within the aplite dyke; various fracture orientations. -59.17 to 61.84 Diorite dyke; there is some shearing evidenced by veins altered to earthy hematite, also indication paleoweathering. Sharp upper and lower contacts @CAA66 and @CAA50 respectively. -63.18 to 63.26 Aplite dyke with sharp contacts @CAA64.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F4	61.80	179.00	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**	Very uniform, medium grained syenite sub-granulite facies gneiss with a prominent graphitic overprint. Graphitic overprint confirmed by conductivity probe in submillimeter veins as well as in many parts of the darker groundmass/pseudo gneissic banding. Salmon pink k-spar (~50%) interspersed with a mottled dark grey graphitic biotite/amphibole fraction (~50). Also locally occurring submillimeter graphitic veins at various orientations. Trace to nil finely disseminated pyrite, and some flattened blebs on some fracture surfaces. *HOLE ABANDONED AT 179 - rod string broke and was unrecoverable.* -63.71 to 64.41 Moderately fractured fault zone with concoidal fractures making orientations difficult to determine. -68.10 to 68.37 Section of plagioclase biotite chlorite schist, possible mafic dyke protolith. Sharp contacts @CAA43. -70.27 to 70.55 As in 68.55 to 68.37, except entirely intensely fractured. -98.26 to 98.94 As in 68.55 to 68.37, except sheared @CAA40-60, contacts obscured but trending within this range. -109.47 to 110.24 3-8mm thick chlorite-biotite vein trending @CAA10-12 within an intensely fractured zone between the same depths. -126.91 to 127.50 two chlorite biotite schist veins/units (20cm and 1cm true thicknesses) trending @CAA10. Possible altered mafic dyke. -132.00 to 133.21 medium grained greenish grey chlorite biotite schist with deformed contacts trending @CAA45; possible altered mafic dyke. -135.42 to 138.69 Moderately to intensely fractured fault zone. Primary fracture @CAA10, secondary fractures @CAA60-80. -149.40 to 152.00 Shear zone containing a mix of chlorite biotite schists, a quartz vein, and syenitic gneiss. -149.84 to 150.40 Medium grained graphitic overprinted quartz vein; there are overprinting veins containing graphite and other fine dark minerals; predates hydrothermal graphite mineralization. -160.00 to 160.41 strongly overprinted section with numerous 1mm wide graphitic veins, with two larger 6-9mm thick veins @CAA10. -160.41 to 163.22 Altered fine to medium grained dioritic/intermediate dyke. Possible weak graphitic overprint, but unconfirmed by conductivity probe.
				Hole abandoned due to caving in the paleoweathered section

END OF HOLE

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V
Z12-4F4	**W1350387**	42.57	44.33	1.76	basal orthoquartzite, possible graphitic content	4.7	12.2	0.05	4.86	4.16	3.51	8.19	< 0.1	21
Z12-4F4	**W1350388**	44.33	46.00	1.67	Start of Precambrian. Intensely paleoweathered syenite	0.23	29.3	0.12	0.2	8.97	> 5.00	0.3	< 0.1	7
Z12-4F4	**W1350389**	46.00	48.00	2.00	Intensely paleoweathered syenite; possible graphitic content	0.34	28.7	0.12	0.24	8.89	> 5.00	0.35	< 0.1	7
Z12-4F4	**W1350390**	48.00	50.00	2.00	Intensely paleoweathered graphitic brecciated syenitic gneiss	7.48	31	0.09	0.19	9.11	> 5.00	0.18	0.1	10
Z12-4F4	**W1350391**	50.00	51.88	1.88	Intensely paleoweathered graphitic brecciated syenitic gneiss	3.44	73.2	0.09	0.43	7.85	3.92	0.46	< 0.1	30
Z12-4F4	**W1350392**	51.88	53.66	1.78	Aplite dyke	0.03	19.9	0.1	0.28	8.69	3.14	0.11	< 0.1	13
Z12-4F4	**W1350393**	53.66	55.00	1.34	Moderately paleoweathered graphitic brecciated syenitic gneiss	5.91	50.4	0.1	0.77	6.79	3.81	2.36	< 0.1	6
Z12-4F4	**W1350394**	55.00	57.00	2.00	Moderately paleoweathered graphitic brecciated syenitic gneiss	7.13	33	0.12	0.67	7.31	3.41	1.68	< 0.1	6
Z12-4F4	**W1350395**	57.00	59.17	2.17	Weakly paleoweathered graphitic brecciated syenitic gneiss	8.21	72.4	0.33	0.47	7.33	3.66	0.85	< 0.1	7
Z12-4F4	**W1350396**	59.17	61.84	2.67	Weathered trachyte/dioritic dyke	0.3	48.5	> 3.00	0.3	8.74	4.09	0.62	0.2	2
Z12-4F4	**W1350397**	61.84	63.40	1.56	Graphitic brecciated syenitic gneiss	9.7	85.1	0.96	0.49	6.59	4.91	0.88	< 0.1	8
Z12-4F4	**W1350398**	63.40	66.00	2.60	Graphitic overprinted syenitic gneiss	2.36	53.9	0.99	0.26	7.2	4.19	0.4	< 0.1	4
Z12-4F4	**W1350399**	66.00	69.00	3.00	Graphitic overprinted syenitic gneiss	0.67	71.1	1.17	0.48	7.95	> 5.00	0.39	< 0.1	13
Z12-4F4	**W1350400**	**69.00**	**QC**		**J600090 Pulp 4.1% C (med)**	4.03	38.8	> 3.00	0.49	7.65	3.14	1.23	< 0.1	20
Z12-4F4	**W1350401**	69.00	72.00	3.00	Graphitic overprinted syenitic gneiss	0.79	50	1.4	0.29	7.77	3.76	0.4	< 0.1	8
Z12-4F4	**W1350402**	72.00	75.00	3.00	Graphitic overprinted syenitic gneiss	0.62	44.7	1.26	0.22	7.11	3.77	0.26	< 0.1	3
Z12-4F4	**W1350403**	75.00	78.00	3.00	Graphitic overprinted syenitic gneiss	0.87	52.7	2.33	0.29	7.59	3.55	0.41	< 0.1	5
Z12-4F4	**W1350404**	78.00	81.00	3.00	Graphitic overprinted syenitic gneiss	0.49	33.9	2.16	0.14	7.55	3.32	0.5	< 0.1	4
Z12-4F4	**W1350405**	81.00	84.00	3.00	Graphitic overprinted syenitic gneiss	0.19	48.9	2.31	0.25	7.89	3.73	0.52	< 0.1	5
Z12-4F4	**W1350406**	84.00	87.00	3.00	Graphitic overprinted syenitic gneiss	0.21	44.2	2.09	0.2	7.52	3.61	0.57	< 0.1	4
Z12-4F4	**W1350407**	87.00	90.00	3.00	Graphitic overprinted syenitic gneiss	0.34	40.6	2.22	0.2	7.57	3.84	0.57	< 0.1	5
Z12-4F4	**W1350408**	90.00	93.00	3.00	Graphitic overprinted syenitic gneiss	0.11	34.7	2.28	0.12	7.16	3.78	0.65	< 0.1	4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V
Z12-4F4	**W1350409**	93.00	96.00	3.00	Graphitic overprinted syenitic gneiss	0.13	46.2	2.51	0.18	6.93	3.26	0.8	< 0.1	5
Z12-4F4	**W1350410**	96.00	99.00	3.00	Graphitic overprinted syenitic gneiss	0.43	69.8	2.32	0.83	7.69	3.52	0.78	< 0.1	29
Z12-4F4	**W1350411**	99.00	102.00	3.00	Graphitic overprinted syenitic gneiss	0.26	42.8	2.67	0.21	7.51	4.11	0.72	< 0.1	5
Z12-4F4	**W1350412**	102.00	105.00	3.00	Graphitic overprinted syenitic gneiss	0.28	31.5	2.57	0.17	7.44	3.59	0.58	< 0.1	4
Z12-4F4	**W1350413**	105.00	108.00	3.00	Graphitic overprinted syenitic gneiss	0.47	35	2.57	0.25	7.29	3.96	0.63	< 0.1	5
Z12-4F4	**W1350414**	108.00	111.00	3.00	Graphitic overprinted syenitic gneiss	0.54	45.8	2.57	0.48	7.72	3.51	1.08	< 0.1	11
Z12-4F4	**W1350415**	111.00	114.00	3.00	Graphitic overprinted syenitic gneiss	0.14	32.5	2.77	0.16	7.7	3.63	0.81	< 0.1	5
Z12-4F4	**W1350416**	114.00	117.00	3.00	Graphitic overprinted syenitic gneiss	0.25	42.5	2.69	0.3	7.66	3.69	0.77	< 0.1	5
Z12-4F4	**W1350417**	117.00	120.00	3.00	Graphitic overprinted syenitic gneiss	0.16	36.5	2.89	0.16	7.8	3.73	0.8	< 0.1	4
Z12-4F4	**W1350418**	120.00	123.00	3.00	Graphitic overprinted syenitic gneiss	0.3	34	2.64	0.17	7.48	3.46	0.68	< 0.1	4
Z12-4F4	**W1350419**	123.00	126.00	3.00	Graphitic overprinted syenitic gneiss	0.57	37.9	2.62	0.22	7.3	3.51	0.63	< 0.1	4
Z12-4F4	**W1350420**	126.00	129.00	3.00	Graphitic overprinted syenitic gneiss	0.66	125	2.12	1.93	5.44	3.09	1.38	< 0.1	35
Z12-4F4	**W1350421**	129.00	132.00	3.00	Graphitic overprinted syenitic gneiss	1.24	47.9	2.51	0.42	7.05	3.33	0.54	< 0.1	7
Z12-4F4	**W1350422**	132.00	135.00	3.00	Graphitic overprinted syenitic gneiss with chlorite biotite schist	0.9	117	2.18	4.13	7.34	3.25	2.56	< 0.1	72
Z12-4F4	**W1350423**	135.00	139.00	4.00	Fault zone in graphitic overprinted syenitic gneiss	1.38	44.8	2.53	0.29	7.25	3.65	0.49	< 0.1	5
Z12-4F4	**W1350424**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss	0.35	40.7	2.68	0.22	7.59	3.49	0.57	< 0.1	5
Z12-4F4	**W1350425**	**142.00**	**QC**		**J600100 Pulp: 10% C (high)**	10	15.2	> 3.00	0.37	6.85	2.45	1.09	< 0.1	15
Z12-4F4	**W1350426**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss	2.25	83.9	2.95	0.29	7.73	4.16	0.63	< 0.1	5
Z12-4F4	**W1350427**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss	0.43	35.3	2.61	0.14	7.5	3.79	0.77	< 0.1	4
Z12-4F4	**W1350428**	148.00	149.84	1.84	Graphitic overprinted syenitic gneiss; start of shear zone	0.91	43.8	2.89	0.22	7.54	3.48	0.9	< 0.1	6
Z12-4F4	**W1350429**	149.84	150.40	0.56	Graphitic overprinted QUARTZ VEIN	0.69	13.3	0.2	0.14	0.55	0.24	0.45	< 0.1	2
Z12-4F4	**W1350430**	150.40	152.00	1.60	Shear zone - mix of chlorite biotite schist and graphitic overprinted syenitic gneiss	0.44	64.2	> 3.00	1.1	6.31	2.54	2.06	< 0.1	24
Z12-4F4	**W1350431**	152.00	154.00	2.00	Graphitic overprinted syenitic gneiss	0.49	30.5	2.86	0.19	7.44	3.51	0.86	0.1	8
Z12-4F4	**W1350432**	154.00	157.00	3.00	Graphitic overprinted syenitic gneiss	0.61	110	> 3.00	0.43	7.64	3.36	1.18	< 0.1	13
Z12-4F4	**W1350433**	157.00	160.00	3.00	Graphitic overprinted syenitic gneiss	0.51	52.4	2.86	0.32	7.62	3.47	0.83	< 0.1	7
Z12-4F4	**W1350434**	160.00	163.00	3.00	Graphitic overprinted syenitic gneiss	0.54	48.7	> 3.00	0.56	8.82	4.11	0.83	0.2	3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Li	Na%	Mg%	Al%	K%	Ca%	Cd	V
Z12-4F4	**W1350435**	163.00	166.00	3.00	Graphitic overprinted syenitic gneiss	1.66	41.9	> 3.00	0.18	7.78	3.46	0.99	< 0.1	5
Z12-4F4	**W1350436**	166.00	169.00	3.00	Graphitic overprinted syenitic gneiss	0.74	49.3	> 3.00	0.29	7.8	2.96	1.08	< 0.1	10
Z12-4F4	**W1350437**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss	0.81	34.2	> 3.00	0.15	7.79	3.06	0.97	< 0.1	7
Z12-4F4	**W1350438**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss	0.59	43.4	> 3.00	0.16	7.61	3.01	0.84	< 0.1	6
Z12-4F4	**W1350439**	175.00	177.00	2.00	Graphitic overprinted syenitic gneiss	0.61	46.3	> 3.00	0.15	7.68	2.97	0.96	< 0.1	6
Z12-4F4	**W1350440**	177.00	179.00	2.00	Graphitic overprinted syenitic gneiss	0.4	52.6	> 3.00	0.27	6.74	2.3	1.06	< 0.1	7
Z12-4F4	**W1350441**	179.00	**QC**		**M760121 Pulp: REE/C Blank**	0.86	41.4	> 3.00	4.68	8.87	2.45	3.99	0.1	4
					END OF HOLE									

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cr	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag
Z12-4F4	**W1350387**	42.57	44.33	1.76	basal orthoquartzite, possible graphitic content	21	532	1.4	2.8	12.9	0.9	1.3	0.4	< 0.05
Z12-4F4	**W1350388**	44.33	46.00	1.67	Start of Precambrian. Intensely paleoweathered syenite	11.8	86	0.34	2.9	1.8	0.8	1.6	0.2	< 0.05
Z12-4F4	**W1350389**	46.00	48.00	2.00	Intensely paleoweathered syenite; possible graphitic content	10.8	69	0.48	3.4	1.6	1	1.7	0.4	< 0.05
Z12-4F4	**W1350390**	48.00	50.00	2.00	Intensely paleoweathered graphitic brecciated syenitic gneiss	7.6	39	0.37	3	0.9	1	1.6	0.3	< 0.05
Z12-4F4	**W1350391**	50.00	51.88	1.88	Intensely paleoweathered graphitic brecciated syenitic gneiss	12.9	65	0.91	3.7	1.9	1	3.2	0.3	< 0.05
Z12-4F4	**W1350392**	51.88	53.66	1.78	Aplite dyke	3.4	71	1.68	2.9	3	7.6	4.2	2.6	< 0.05
Z12-4F4	**W1350393**	53.66	55.00	1.34	Moderately paleoweathered graphitic brecciated syenitic gneiss	3.4	187	0.71	2.4	1.2	1.4	2.9	0.5	< 0.05
Z12-4F4	**W1350394**	55.00	57.00	2.00	Moderately paleoweathered graphitic brecciated syenitic gneiss	4.1	157	0.4	2.1	0.8	0.8	1.7	0.3	< 0.05
Z12-4F4	**W1350395**	57.00	59.17	2.17	Weakly paleoweathered graphitic brecciated syenitic gneiss	5.6	96	0.55	1.6	0.8	0.8	3	0.3	< 0.05
Z12-4F4	**W1350396**	59.17	61.84	2.67	Weathered trachyte/dioritic dyke	4.8	453	3.1	9.6	1.6	6.4	6.3	2.2	< 0.05
Z12-4F4	**W1350397**	61.84	63.40	1.56	Graphitic brecciated syenitic gneiss	7.2	139	0.65	3.5	1	3.7	4.2	1.2	< 0.05
Z12-4F4	**W1350398**	63.40	66.00	2.60	Graphitic overprinted syenitic gneiss	9.9	101	0.51	2.5	1	1.4	3	0.5	< 0.05
Z12-4F4	**W1350399**	66.00	69.00	3.00	Graphitic overprinted syenitic gneiss	2.7	166	0.97	2.3	2.7	1.5	2.7	0.5	< 0.05
Z12-4F4	**W1350400**	**69.00**	**QC**		**J600090 Pulp 4.1% C (med)**	35.5	342	1.68	2.3	11.5	1.3	2.6	0.5	< 0.05
Z12-4F4	**W1350401**	69.00	72.00	3.00	Graphitic overprinted syenitic gneiss	10.2	163	0.64	2.3	2.1	1.5	2.3	0.5	< 0.05
Z12-4F4	**W1350402**	72.00	75.00	3.00	Graphitic overprinted syenitic gneiss	1.3	170	0.47	2.2	1	0.7	1.6	0.2	< 0.05
Z12-4F4	**W1350403**	75.00	78.00	3.00	Graphitic overprinted syenitic gneiss	4	143	0.77	2.2	2.6	15.8	4.4	5.3	< 0.05
Z12-4F4	**W1350404**	78.00	81.00	3.00	Graphitic overprinted syenitic gneiss	1.8	197	0.45	2.4	0.6	1.4	1.3	0.5	< 0.05
Z12-4F4	**W1350405**	81.00	84.00	3.00	Graphitic overprinted syenitic gneiss	4.4	181	0.61	2.1	1.1	0.6	2.2	0.2	< 0.05
Z12-4F4	**W1350406**	84.00	87.00	3.00	Graphitic overprinted syenitic gneiss	1.2	175	0.6	2.3	1	0.7	1.6	0.3	< 0.05
Z12-4F4	**W1350407**	87.00	90.00	3.00	Graphitic overprinted syenitic gneiss	3.2	170	0.58	2.5	1.1	0.6	1.4	0.2	< 0.05
Z12-4F4	**W1350408**	90.00	93.00	3.00	Graphitic overprinted syenitic gneiss	1.5	188	0.54	2	1.5	0.5	1.2	0.2	< 0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cr	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag
Z12-4F4	**W1350409**	93.00	96.00	3.00	Graphitic overprinted syenitic gneiss	3.7	124	0.74	2.3	1.7	0.5	1.5	0.2	< 0.05
Z12-4F4	**W1350410**	96.00	99.00	3.00	Graphitic overprinted syenitic gneiss	25.9	193	1.68	2.5	9.6	1	2.5	0.4	< 0.05
Z12-4F4	**W1350411**	99.00	102.00	3.00	Graphitic overprinted syenitic gneiss	5	123	0.76	2.5	2.4	0.6	1.8	0.2	< 0.05
Z12-4F4	**W1350412**	102.00	105.00	3.00	Graphitic overprinted syenitic gneiss	2.5	152	0.63	2.5	2.1	0.6	1.3	0.2	< 0.05
Z12-4F4	**W1350413**	105.00	108.00	3.00	Graphitic overprinted syenitic gneiss	3.4	193	0.79	2.1	2.5	0.8	1.7	0.3	< 0.05
Z12-4F4	**W1350414**	108.00	111.00	3.00	Graphitic overprinted syenitic gneiss	21.4	364	1.54	1.9	4.9	2.5	3.3	1.1	< 0.05
Z12-4F4	**W1350415**	111.00	114.00	3.00	Graphitic overprinted syenitic gneiss	3.5	171	0.77	2.5	1.7	0.4	1.3	0.2	< 0.05
Z12-4F4	**W1350416**	114.00	117.00	3.00	Graphitic overprinted syenitic gneiss	9	195	0.95	2.3	4.8	0.4	1.5	0.2	< 0.05
Z12-4F4	**W1350417**	117.00	120.00	3.00	Graphitic overprinted syenitic gneiss	3.4	174	0.76	2.3	2.2	0.4	1.7	0.2	< 0.05
Z12-4F4	**W1350418**	120.00	123.00	3.00	Graphitic overprinted syenitic gneiss	2	154	0.69	2.2	3.3	0.5	1.4	0.2	< 0.05
Z12-4F4	**W1350419**	123.00	126.00	3.00	Graphitic overprinted syenitic gneiss	1.8	187	0.81	2.4	2.7	0.7	2	0.3	< 0.05
Z12-4F4	**W1350420**	126.00	129.00	3.00	Graphitic overprinted syenitic gneiss	311	460	2.1	2	76.3	1.1	5	0.4	< 0.05
Z12-4F4	**W1350421**	129.00	132.00	3.00	Graphitic overprinted syenitic gneiss	9.7	120	0.79	1.6	5.5	1.1	3.6	0.4	< 0.05
Z12-4F4	**W1350422**	132.00	135.00	3.00	Graphitic overprinted syenitic gneiss with chlorite biotite schist	536	799	3.5	2.3	156	1.2	3	0.4	< 0.05
Z12-4F4	**W1350423**	135.00	139.00	4.00	Fault zone in graphitic overprinted syenitic gneiss	5	83	0.64	1.8	4.4	0.6	3.5	0.2	< 0.05
Z12-4F4	**W1350424**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss	6.5	145	0.78	2.5	1.6	0.5	1.9	0.2	< 0.05
Z12-4F4	**W1350425**	**142.00**	**QC**		**J600100 Pulp: 10% C (high)**	24	255	1.47	2.1	9.3	1	2.3	0.4	< 0.05
Z12-4F4	**W1350426**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss	4.4	142	0.81	2.4	1.1	2.5	4.8	0.8	< 0.05
Z12-4F4	**W1350427**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss	4.4	176	0.79	2.2	0.7	0.7	1.9	0.2	< 0.05
Z12-4F4	**W1350428**	148.00	149.84	1.84	Graphitic overprinted syenitic gneiss; start of shear zone	9.7	176	0.84	2.5	2.9	0.6	2.1	0.2	< 0.05
Z12-4F4	**W1350429**	149.84	150.40	0.56	Graphitic overprinted QUARTZ VEIN	19.6	161	0.3	< 0.1	7.7	0.2	0.6	< 0.1	< 0.05
Z12-4F4	**W1350430**	150.40	152.00	1.60	Shear zone - mix of chlorite biotite schist and graphitic overprinted syenitic gneiss	21.6	785	1.94	2.4	10.7	1.3	2.3	0.7	< 0.05
Z12-4F4	**W1350431**	152.00	154.00	2.00	Graphitic overprinted syenitic gneiss	8.7	245	0.99	2.4	1.4	1.3	2.7	0.4	< 0.05
Z12-4F4	**W1350432**	154.00	157.00	3.00	Graphitic overprinted syenitic gneiss	12.2	315	1.28	2.2	5	2.8	6.9	0.9	< 0.05
Z12-4F4	**W1350433**	157.00	160.00	3.00	Graphitic overprinted syenitic gneiss	8.4	180	0.87	2.4	7.8	0.9	3.2	0.3	< 0.05
Z12-4F4	**W1350434**	160.00	163.00	3.00	Graphitic overprinted syenitic gneiss	7.2	537	3.05	13.5	4.8	8.1	7	2.8	< 0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cr	Mn	Fe%	Hf	Ni	Er	Be	Ho	Ag
Z12-4F4	**W1350435**	163.00	166.00	3.00	Graphitic overprinted syenitic gneiss	3	206	1.09	2.8	1.5	2.5	4.4	0.9	< 0.05
Z12-4F4	**W1350436**	166.00	169.00	3.00	Graphitic overprinted syenitic gneiss	15.4	212	0.9	2.6	7.6	0.9	2.6	0.3	< 0.05
Z12-4F4	**W1350437**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss	3.8	220	0.89	2.4	0.9	0.6	2.3	0.2	< 0.05
Z12-4F4	**W1350438**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss	6.1	224	0.96	2.5	1.9	0.7	1.5	0.3	< 0.05
Z12-4F4	**W1350439**	175.00	177.00	2.00	Graphitic overprinted syenitic gneiss	3.2	212	0.94	2.5	1	0.6	1.8	0.2	< 0.05
Z12-4F4	**W1350440**	177.00	179.00	2.00	Graphitic overprinted syenitic gneiss	21.1	254	0.95	3.1	9.3	0.6	2.1	0.2	< 0.05
Z12-4F4	**W1350441**	179.00	**QC**		**M760121 Pulp: REE/C Blank**	5.5	3040	8.29	2	3.5	2.1	3.6	0.8	< 0.05
					END OF HOLE									

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cs	Co	Eu	Bi	Se	Zn	Ga	As	Rb
Z12-4F4	**W1350387**	42.57	44.33	1.76	basal orthoquartzite, possible graphitic content	2.38	6	0.61	0.05	< 0.1	9.7	9.2	12.5	45.5
Z12-4F4	**W1350388**	44.33	46.00	1.67	Start of Precambrian. Intensely paleoweathered syenite	3.3	1.4	0.42	0.21	< 0.1	6.9	22.1	2.3	88.7
Z12-4F4	**W1350389**	46.00	48.00	2.00	Intensely paleoweathered syenite; possible graphitic content	3.49	1.3	0.47	0.37	< 0.1	4.8	21.2	3.1	103
Z12-4F4	**W1350390**	48.00	50.00	2.00	Intensely paleoweathered graphitic brecciated syenitic gneiss	3.4	0.7	0.44	0.24	< 0.1	52.4	20.3	0.4	129
Z12-4F4	**W1350391**	50.00	51.88	1.88	Intensely paleoweathered graphitic brecciated syenitic gneiss	6.29	1.7	0.43	0.17	< 0.1	23.1	23.7	0.3	116
Z12-4F4	**W1350392**	51.88	53.66	1.78	Aplite dyke	6.51	2.5	1.44	0.21	0.7	39.7	23.9	1.3	86.2
Z12-4F4	**W1350393**	53.66	55.00	1.34	Moderately paleoweathered graphitic brecciated syenitic gneiss	3.15	0.6	0.46	0.14	< 0.1	15.4	16.5	1.4	79.6
Z12-4F4	**W1350394**	55.00	57.00	2.00	Moderately paleoweathered graphitic brecciated syenitic gneiss	2.65	0.4	0.54	0.23	< 0.1	9.5	17.3	0.9	74
Z12-4F4	**W1350395**	57.00	59.17	2.17	Weakly paleoweathered graphitic brecciated syenitic gneiss	3.42	0.5	0.73	0.65	< 0.1	16.4	17.9	1.8	78.5
Z12-4F4	**W1350396**	59.17	61.84	2.67	Weathered trachyte/dioritic dyke	10.4	1.4	1.68	0.12	0.2	85.8	27.3	2.4	178
Z12-4F4	**W1350397**	61.84	63.40	1.56	Graphitic brecciated syenitic gneiss	2.75	0.5	1.13	0.45	< 0.1	38.3	18.9	0.4	113
Z12-4F4	**W1350398**	63.40	66.00	2.60	Graphitic overprinted syenitic gneiss	2.6	0.7	0.56	0.19	< 0.1	19.2	17	1.2	79.5
Z12-4F4	**W1350399**	66.00	69.00	3.00	Graphitic overprinted syenitic gneiss	7.74	2.5	0.61	0.12	< 0.1	35.6	18.1	0.4	122
Z12-4F4	**W1350400**	**69.00**	**QC**		**J600090 Pulp 4.1% C (med)**	3.06	4.3	0.73	0.09	< 0.1	34.9	18.9	0.5	129
Z12-4F4	**W1350401**	69.00	72.00	3.00	Graphitic overprinted syenitic gneiss	4.54	1.3	0.52	0.3	< 0.1	25.5	19.2	0.8	76.9
Z12-4F4	**W1350402**	72.00	75.00	3.00	Graphitic overprinted syenitic gneiss	2.51	0.9	0.38	0.14	< 0.1	10	16.3	0.4	84.6
Z12-4F4	**W1350403**	75.00	78.00	3.00	Graphitic overprinted syenitic gneiss	3.04	2.6	2.56	0.22	2	22.2	19.9	3.8	95
Z12-4F4	**W1350404**	78.00	81.00	3.00	Graphitic overprinted syenitic gneiss	2.48	1	0.62	0.11	< 0.1	13.3	17.3	0.7	90.6
Z12-4F4	**W1350405**	81.00	84.00	3.00	Graphitic overprinted syenitic gneiss	3.45	1.1	0.45	0.12	< 0.1	17.7	19.8	0.6	99.1
Z12-4F4	**W1350406**	84.00	87.00	3.00	Graphitic overprinted syenitic gneiss	2.82	1.6	0.51	0.17	< 0.1	16	17	1.6	88.3
Z12-4F4	**W1350407**	87.00	90.00	3.00	Graphitic overprinted syenitic gneiss	3.34	1.2	0.63	0.14	< 0.1	15.8	18.8	4.8	102
Z12-4F4	**W1350408**	90.00	93.00	3.00	Graphitic overprinted syenitic gneiss	2.3	1.3	0.49	0.1	< 0.1	15.8	16.7	2.2	104

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cs	Co	Eu	Bi	Se	Zn	Ga	As	Rb
Z12-4F4	**W1350409**	93.00	96.00	3.00	Graphitic overprinted syenitic gneiss	2.31	1.6	0.49	0.1	< 0.1	20.9	18.8	2.5	93.6
Z12-4F4	**W1350410**	96.00	99.00	3.00	Graphitic overprinted syenitic gneiss	4.11	4.6	1.13	0.14	< 0.1	30.5	20	1.2	107
Z12-4F4	**W1350411**	99.00	102.00	3.00	Graphitic overprinted syenitic gneiss	2.39	2.4	0.55	0.14	< 0.1	21.2	20.2	6	119
Z12-4F4	**W1350412**	102.00	105.00	3.00	Graphitic overprinted syenitic gneiss	2.24	1.8	0.53	0.2	< 0.1	18.4	18.3	2.2	106
Z12-4F4	**W1350413**	105.00	108.00	3.00	Graphitic overprinted syenitic gneiss	2.56	1.8	1.2	0.19	< 0.1	21.9	17.2	1.5	118
Z12-4F4	**W1350414**	108.00	111.00	3.00	Graphitic overprinted syenitic gneiss	3.01	2.5	5.43	0.3	0.3	30.4	21.1	1.9	91.3
Z12-4F4	**W1350415**	111.00	114.00	3.00	Graphitic overprinted syenitic gneiss	2.84	1.4	0.65	0.1	< 0.1	28.1	18.6	1.1	107
Z12-4F4	**W1350416**	114.00	117.00	3.00	Graphitic overprinted syenitic gneiss	3.43	1.9	0.79	0.12	< 0.1	29.7	20.5	1.2	117
Z12-4F4	**W1350417**	117.00	120.00	3.00	Graphitic overprinted syenitic gneiss	2.26	1.3	0.49	0.09	< 0.1	21.6	20.1	1	104
Z12-4F4	**W1350418**	120.00	123.00	3.00	Graphitic overprinted syenitic gneiss	2.29	1.5	0.6	0.12	< 0.1	20.1	18.2	1.5	92.7
Z12-4F4	**W1350419**	123.00	126.00	3.00	Graphitic overprinted syenitic gneiss	2.87	1.7	0.82	0.18	< 0.1	22.4	16.5	2.9	95.7
Z12-4F4	**W1350420**	126.00	129.00	3.00	Graphitic overprinted syenitic gneiss	7.1	12.3	0.56	0.53	< 0.1	55.7	16.6	5.7	76.9
Z12-4F4	**W1350421**	129.00	132.00	3.00	Graphitic overprinted syenitic gneiss	3.35	2	0.84	0.18	< 0.1	14.3	18.2	1.3	93.5
Z12-4F4	**W1350422**	132.00	135.00	3.00	Graphitic overprinted syenitic gneiss with chlorite biotite schist	9.99	22.9	0.96	0.4	< 0.1	68.8	18.5	5.9	140
Z12-4F4	**W1350423**	135.00	139.00	4.00	Fault zone in graphitic overprinted syenitic gneiss	3.78	2.2	0.46	0.25	< 0.1	8.4	16.5	2.2	98.3
Z12-4F4	**W1350424**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss	3.15	1.2	0.45	0.16	< 0.1	24.5	19.4	1.7	94.4
Z12-4F4	**W1350425**	**142.00**	**QC**		**J600100 Pulp: 10% C (high)**	1.57	3.5	0.74	0.15	< 0.1	30.6	15.9	0.4	64.1
Z12-4F4	**W1350426**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss	2.73	1.1	0.91	0.2	< 0.1	24	21	1	123
Z12-4F4	**W1350427**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss	2.95	1.1	0.52	0.12	< 0.1	24.6	17	0.5	106
Z12-4F4	**W1350428**	148.00	149.84	1.84	Graphitic overprinted syenitic gneiss; start of shear zone	2.95	1.6	0.55	0.15	< 0.1	22.4	18	1.7	102
Z12-4F4	**W1350429**	149.84	150.40	0.56	Graphitic overprinted QUARTZ VEIN	1.5	1.4	0.14	0.04	< 0.1	7.9	2.1	22.7	12.8
Z12-4F4	**W1350430**	150.40	152.00	1.60	Shear zone - mix of chlorite biotite schist and graphitic overprinted syenitic gneiss	6.22	2.8	3.9	0.12	< 0.1	82	20.4	7.2	88.4
Z12-4F4	**W1350431**	152.00	154.00	2.00	Graphitic overprinted syenitic gneiss	2.84	1.9	0.84	0.12	< 0.1	61.3	17.9	1.8	107
Z12-4F4	**W1350432**	154.00	157.00	3.00	Graphitic overprinted syenitic gneiss	4.62	3.1	0.83	0.27	< 0.1	38.2	17.6	1.7	123
Z12-4F4	**W1350433**	157.00	160.00	3.00	Graphitic overprinted syenitic gneiss	3.4	3.5	0.5	0.34	< 0.1	45.9	20	3.5	107
Z12-4F4	**W1350434**	160.00	163.00	3.00	Graphitic overprinted syenitic gneiss	6.26	2.4	3.29	0.25	0.8	67.9	25.6	11	181

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cs	Co	Eu	Bi	Se	Zn	Ga	As	Rb
Z12-4F4	**W1350435**	163.00	166.00	3.00	Graphitic overprinted syenitic gneiss	2.95	1.4	0.77	0.29	< 0.1	25.1	18.5	2	128
Z12-4F4	**W1350436**	166.00	169.00	3.00	Graphitic overprinted syenitic gneiss	4.51	2.3	0.41	0.17	< 0.1	25.5	21	6.7	110
Z12-4F4	**W1350437**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss	3.1	1.3	0.43	0.17	< 0.1	17.8	19.4	1.4	111
Z12-4F4	**W1350438**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss	2.91	1.4	0.59	0.19	< 0.1	48.2	17.3	< 0.1	108
Z12-4F4	**W1350439**	175.00	177.00	2.00	Graphitic overprinted syenitic gneiss	3.43	1.3	0.65	0.15	< 0.1	29.3	19	0.4	118
Z12-4F4	**W1350440**	177.00	179.00	2.00	Graphitic overprinted syenitic gneiss	4.12	2.1	0.35	0.13	< 0.1	28.7	19.8	0.6	98.4
Z12-4F4	**W1350441**	179.00	**QC**		**M760121 Pulp: REE/C Blank**	2.51	15.2	4.82	0.04	< 0.1	138	17.5	4.3	102
					END OF HOLE									

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te
Z12-4F4	**W1350387**	42.57	44.33	1.76	basal orthoquartzite, possible graphitic content	11.5	76.6	109	9	1.2	< 0.1	< 1	0.2	< 0.1
Z12-4F4	**W1350388**	44.33	46.00	1.67	Start of Precambrian. Intensely paleoweathered syenite	8.1	163	106	11.3	0.6	< 0.1	1	< 0.1	< 0.1
Z12-4F4	**W1350389**	46.00	48.00	2.00	Intensely paleoweathered syenite; possible graphitic content	10.5	130	108	13.1	0.5	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350390**	48.00	50.00	2.00	Intensely paleoweathered graphitic brecciated syenitic gneiss	9.2	132	102	14.3	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350391**	50.00	51.88	1.88	Intensely paleoweathered graphitic brecciated syenitic gneiss	8.5	209	115	23.6	< 0.1	< 0.1	2	< 0.1	< 0.1
Z12-4F4	**W1350392**	51.88	53.66	1.78	Aplite dyke	69.6	24.4	225	27.5	< 0.1	< 0.1	3	< 0.1	< 0.1
Z12-4F4	**W1350393**	53.66	55.00	1.34	Moderately paleoweathered graphitic brecciated syenitic gneiss	15.5	119	84	12	0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350394**	55.00	57.00	2.00	Moderately paleoweathered graphitic brecciated syenitic gneiss	8.5	114	76	7.2	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350395**	57.00	59.17	2.17	Weakly paleoweathered graphitic brecciated syenitic gneiss	9.4	142	61	11.9	0.6	< 0.1	1	< 0.1	< 0.1
Z12-4F4	**W1350396**	59.17	61.84	2.67	Weathered trachyte/dioritic dyke	57.8	47.3	471	60.7	< 0.1	< 0.1	5	< 0.1	< 0.1
Z12-4F4	**W1350397**	61.84	63.40	1.56	Graphitic brecciated syenitic gneiss	34.2	167	335	43	0.4	< 0.1	3	< 0.1	< 0.1
Z12-4F4	**W1350398**	63.40	66.00	2.60	Graphitic overprinted syenitic gneiss	14.5	138	85	8.6	< 0.1	< 0.1	1	< 0.1	< 0.1
Z12-4F4	**W1350399**	66.00	69.00	3.00	Graphitic overprinted syenitic gneiss	15.2	177	85	9.2	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350400**	**69.00**	**QC**		**J600090 Pulp 4.1% C (med)**	14.5	291	83	17.2	0.2	< 0.1	1	< 0.1	< 0.1
Z12-4F4	**W1350401**	69.00	72.00	3.00	Graphitic overprinted syenitic gneiss	16.1	177	67	6.3	1.4	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350402**	72.00	75.00	3.00	Graphitic overprinted syenitic gneiss	7.1	147	61	6.7	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350403**	75.00	78.00	3.00	Graphitic overprinted syenitic gneiss	163	185	69	8.8	0.5	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350404**	78.00	81.00	3.00	Graphitic overprinted syenitic gneiss	14.7	158	66	8.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350405**	81.00	84.00	3.00	Graphitic overprinted syenitic gneiss	6.8	175	64	7.3	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350406**	84.00	87.00	3.00	Graphitic overprinted syenitic gneiss	7.5	165	67	6.6	0.6	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350407**	87.00	90.00	3.00	Graphitic overprinted syenitic gneiss	6.4	196	68	6.3	0.8	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350408**	90.00	93.00	3.00	Graphitic overprinted syenitic gneiss	5.5	165	59	5.9	< 0.1	< 0.1	< 1	< 0.1	< 0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te
Z12-4F4	**W1350409**	93.00	96.00	3.00	Graphitic overprinted syenitic gneiss	6.2	191	79	7.4	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350410**	96.00	99.00	3.00	Graphitic overprinted syenitic gneiss	11.2	262	85	18.3	0.1	< 0.1	2	< 0.1	< 0.1
Z12-4F4	**W1350411**	99.00	102.00	3.00	Graphitic overprinted syenitic gneiss	6.9	215	85	8.6	1.2	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350412**	102.00	105.00	3.00	Graphitic overprinted syenitic gneiss	6.1	187	71	8.8	0.2	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350413**	105.00	108.00	3.00	Graphitic overprinted syenitic gneiss	8.9	222	65	11.6	0.3	< 0.1	1	< 0.1	< 0.1
Z12-4F4	**W1350414**	108.00	111.00	3.00	Graphitic overprinted syenitic gneiss	29.1	370	62	18.4	3.9	< 0.1	2	< 0.1	0.1
Z12-4F4	**W1350415**	111.00	114.00	3.00	Graphitic overprinted syenitic gneiss	4.5	189	71	8.3	0.2	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350416**	114.00	117.00	3.00	Graphitic overprinted syenitic gneiss	5.4	236	72	8.8	1.6	< 0.1	1	< 0.1	< 0.1
Z12-4F4	**W1350417**	117.00	120.00	3.00	Graphitic overprinted syenitic gneiss	4.7	197	72	8.9	0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350418**	120.00	123.00	3.00	Graphitic overprinted syenitic gneiss	5	222	65	8.7	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350419**	123.00	126.00	3.00	Graphitic overprinted syenitic gneiss	8	313	72	10.3	2.4	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350420**	126.00	129.00	3.00	Graphitic overprinted syenitic gneiss	9.3	314	68	21.7	1.8	< 0.1	2	< 0.1	< 0.1
Z12-4F4	**W1350421**	129.00	132.00	3.00	Graphitic overprinted syenitic gneiss	10.6	289	53	14.6	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350422**	132.00	135.00	3.00	Graphitic overprinted syenitic gneiss with chlorite biotite schist	12.5	349	79	20.3	0.6	< 0.1	2	< 0.1	< 0.1
Z12-4F4	**W1350423**	135.00	139.00	4.00	Fault zone in graphitic overprinted syenitic gneiss	5.6	191	56	10.7	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350424**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss	5.3	185	73	10.9	0.6	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350425**	**142.00**	**QC**		**J600100 Pulp: 10% C (high)**	10.2	248	73	17.4	0.8	< 0.1	2	0.1	< 0.1
Z12-4F4	**W1350426**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss	23.3	186	77	13.7	< 0.1	< 0.1	< 1	< 0.1	0.2
Z12-4F4	**W1350427**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss	7.2	214	68	9.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350428**	148.00	149.84	1.84	Graphitic overprinted syenitic gneiss; start of shear zone	6.7	213	75	10.7	0.2	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350429**	149.84	150.40	0.56	Graphitic overprinted QUARTZ VEIN	2	25.1	4	5.2	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350430**	150.40	152.00	1.60	Shear zone - mix of chlorite biotite schist and graphitic overprinted syenitic gneiss	15.1	431	72	22.5	0.1	< 0.1	3	< 0.1	< 0.1
Z12-4F4	**W1350431**	152.00	154.00	2.00	Graphitic overprinted syenitic gneiss	13.7	232	70	10.9	1.7	< 0.1	1	< 0.1	< 0.1
Z12-4F4	**W1350432**	154.00	157.00	3.00	Graphitic overprinted syenitic gneiss	25.1	188	80	15	3.7	< 0.1	2	< 0.1	< 0.1
Z12-4F4	**W1350433**	157.00	160.00	3.00	Graphitic overprinted syenitic gneiss	8.6	193	83	12.3	0.1	< 0.1	1	< 0.1	< 0.1
Z12-4F4	**W1350434**	160.00	163.00	3.00	Graphitic overprinted syenitic gneiss	74.9	77.9	571	44	2.5	< 0.1	5	< 0.1	< 0.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te
Z12-4F4	**W1350435**	163.00	166.00	3.00	Graphitic overprinted syenitic gneiss	23.2	157	92	22.8	0.9	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350436**	166.00	169.00	3.00	Graphitic overprinted syenitic gneiss	9.9	207	85	9.7	0.1	< 0.1	< 1	< 0.1	0.3
Z12-4F4	**W1350437**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss	7.4	166	77	10.9	0.2	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350438**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss	7.8	163	77	10.7	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350439**	175.00	177.00	2.00	Graphitic overprinted syenitic gneiss	6.9	173	80	8.9	< 0.1	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350440**	177.00	179.00	2.00	Graphitic overprinted syenitic gneiss	6.4	185	95	11.8	0.4	< 0.1	< 1	< 0.1	< 0.1
Z12-4F4	**W1350441**	179.00	**QC**		**M760121 Pulp: REE/C Blank**	21.1	> 1000	149	122	3.8	0.1	2	< 0.1	< 0.1
					END OF HOLE									

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Z12-4F4	**W1350387**	42.57	44.33	1.76	basal orthoquartzite, possible graphitic content	379	11.8	33.4	3.4	13.8	2.9	2.9	0.4	2
Z12-4F4	**W1350388**	44.33	46.00	1.67	Start of Precambrian. Intensely paleoweathered syenite	713	36.3	50.7	3.9	11.2	1.7	1.4	0.2	1.2
Z12-4F4	**W1350389**	46.00	48.00	2.00	Intensely paleoweathered syenite; possible graphitic content	654	40.8	63.5	5.2	15.6	2.6	2.3	0.3	1.8
Z12-4F4	**W1350390**	48.00	50.00	2.00	Intensely paleoweathered graphitic brecciated syenitic gneiss	619	25.2	42.8	3.9	12.9	2.3	1.9	0.3	1.6
Z12-4F4	**W1350391**	50.00	51.88	1.88	Intensely paleoweathered graphitic brecciated syenitic gneiss	485	22.9	41.5	3.6	12	2.2	1.9	0.3	1.5
Z12-4F4	**W1350392**	51.88	53.66	1.78	Aplite dyke	116	155	227	36	124	19.8	14.8	2.2	13.3
Z12-4F4	**W1350393**	53.66	55.00	1.34	Moderately paleoweathered graphitic brecciated syenitic gneiss	610	42.5	68.9	6	19.4	3.5	3.2	0.5	2.6
Z12-4F4	**W1350394**	55.00	57.00	2.00	Moderately paleoweathered graphitic brecciated syenitic gneiss	760	23.1	42.5	4	13.1	2.4	2	0.3	1.5
Z12-4F4	**W1350395**	57.00	59.17	2.17	Weakly paleoweathered graphitic brecciated syenitic gneiss	700	40.9	71.1	7	22.5	3.6	2.8	0.4	1.8
Z12-4F4	**W1350396**	59.17	61.84	2.67	Weathered trachyte/dioritic dyke	111	172	341	36.7	129	23.1	16	2.1	11.6
Z12-4F4	**W1350397**	61.84	63.40	1.56	Graphitic brecciated syenitic gneiss	814	52.5	97.3	10.2	35.3	7.5	6.6	1	6
Z12-4F4	**W1350398**	63.40	66.00	2.60	Graphitic overprinted syenitic gneiss	752	32.3	54.2	5.2	16.7	2.9	2.6	0.4	2.4
Z12-4F4	**W1350399**	66.00	69.00	3.00	Graphitic overprinted syenitic gneiss	733	21.5	39.6	4.2	14.3	3.2	2.9	0.5	2.6
Z12-4F4	**W1350400**	**69.00**	**QC**		**J600090 Pulp 4.1% C (med)**	643	21.1	41	4.4	15	2.7	2.5	0.4	2.6
Z12-4F4	**W1350401**	69.00	72.00	3.00	Graphitic overprinted syenitic gneiss	770	18.1	33.5	3.5	12	2.5	2.3	0.4	2.4
Z12-4F4	**W1350402**	72.00	75.00	3.00	Graphitic overprinted syenitic gneiss	710	19	34.8	3.5	11.4	1.9	1.5	0.2	1.2
Z12-4F4	**W1350403**	75.00	78.00	3.00	Graphitic overprinted syenitic gneiss	709	57.6	138	17.7	70.6	20.1	20.3	3.9	25.8
Z12-4F4	**W1350404**	78.00	81.00	3.00	Graphitic overprinted syenitic gneiss	706	23.6	45	4.7	17	3.6	3.1	0.5	2.7
Z12-4F4	**W1350405**	81.00	84.00	3.00	Graphitic overprinted syenitic gneiss	744	20.3	37.3	3.8	12	1.9	1.5	0.2	1.1
Z12-4F4	**W1350406**	84.00	87.00	3.00	Graphitic overprinted syenitic gneiss	770	26.5	47.7	4.8	16	2.7	2.2	0.3	1.5
Z12-4F4	**W1350407**	87.00	90.00	3.00	Graphitic overprinted syenitic gneiss	774	23.8	42.5	4.3	14.2	2.4	2	0.3	1.3
Z12-4F4	**W1350408**	90.00	93.00	3.00	Graphitic overprinted syenitic gneiss	686	21.7	38.8	3.8	12.7	2.2	1.9	0.2	1.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Z12-4F4	**W1350409**	93.00	96.00	3.00	Graphitic overprinted syenitic gneiss	642	23.4	43.1	4.3	13.6	2.3	1.9	0.2	1.2
Z12-4F4	**W1350410**	96.00	99.00	3.00	Graphitic overprinted syenitic gneiss	833	39.6	75.6	8	28	4.9	3.7	0.5	2.4
Z12-4F4	**W1350411**	99.00	102.00	3.00	Graphitic overprinted syenitic gneiss	824	25.8	48.1	4.7	15	2.5	1.9	0.3	1.4
Z12-4F4	**W1350412**	102.00	105.00	3.00	Graphitic overprinted syenitic gneiss	691	19.4	35	3.5	11.5	2	1.7	0.2	1.2
Z12-4F4	**W1350413**	105.00	108.00	3.00	Graphitic overprinted syenitic gneiss	1020	43.2	77	7.6	25.9	4.6	4	0.5	2.2
Z12-4F4	**W1350414**	108.00	111.00	3.00	Graphitic overprinted syenitic gneiss	1840	152	285	29	101	19.5	16.4	1.9	8.1
Z12-4F4	**W1350415**	111.00	114.00	3.00	Graphitic overprinted syenitic gneiss	771	24	44.4	4.4	14.7	2.6	2.1	0.3	1.1
Z12-4F4	**W1350416**	114.00	117.00	3.00	Graphitic overprinted syenitic gneiss	818	26.2	49.8	5.2	17.2	2.9	2.2	0.3	1.2
Z12-4F4	**W1350417**	117.00	120.00	3.00	Graphitic overprinted syenitic gneiss	801	18.6	34.7	3.5	11.2	1.9	1.4	0.2	0.9
Z12-4F4	**W1350418**	120.00	123.00	3.00	Graphitic overprinted syenitic gneiss	865	22.7	39.4	3.8	12.6	2.1	1.7	0.2	1
Z12-4F4	**W1350419**	123.00	126.00	3.00	Graphitic overprinted syenitic gneiss	955	56.1	83.1	7.4	22	3.3	2.7	0.3	1.7
Z12-4F4	**W1350420**	126.00	129.00	3.00	Graphitic overprinted syenitic gneiss	897	17.9	39	4.2	14.4	2.6	2.2	0.3	1.9
Z12-4F4	**W1350421**	129.00	132.00	3.00	Graphitic overprinted syenitic gneiss	862	36.1	69.2	7.3	24.5	4.1	3	0.4	2.2
Z12-4F4	**W1350422**	132.00	135.00	3.00	Graphitic overprinted syenitic gneiss with chlorite biotite schist	692	21	44.5	5.2	19.5	3.6	2.9	0.4	2.2
Z12-4F4	**W1350423**	135.00	139.00	4.00	Fault zone in graphitic overprinted syenitic gneiss	765	14.5	28.1	2.8	9.3	1.5	1.3	0.2	1.1
Z12-4F4	**W1350424**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss	760	17.3	32.5	3.3	10.7	1.9	1.4	0.2	1
Z12-4F4	**W1350425**	**142.00**	**QC**		**J600100 Pulp: 10% C (high)**	628	27.2	51.8	5.3	17.2	2.9	2.4	0.4	2
Z12-4F4	**W1350426**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss	829	26.4	60.5	7.3	27.4	6.6	4.7	0.7	4.3
Z12-4F4	**W1350427**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss	903	14	26.7	2.7	8.9	1.7	1.5	0.2	1.3
Z12-4F4	**W1350428**	148.00	149.84	1.84	Graphitic overprinted syenitic gneiss; start of shear zone	777	19.3	35.8	3.5	11.6	2	1.7	0.2	1.3
Z12-4F4	**W1350429**	149.84	150.40	0.56	Graphitic overprinted QUARTZ VEIN	86	3.5	6.7	0.7	2.3	0.5	0.4	< 0.1	0.4
Z12-4F4	**W1350430**	150.40	152.00	1.60	Shear zone - mix of chlorite biotite schist and graphitic overprinted syenitic gneiss	1010	77.7	173	18.4	67.8	13.6	12.3	1.4	5.4
Z12-4F4	**W1350431**	152.00	154.00	2.00	Graphitic overprinted syenitic gneiss	756	26.4	45.6	4.5	14.8	2.7	2.6	0.4	2.4
Z12-4F4	**W1350432**	154.00	157.00	3.00	Graphitic overprinted syenitic gneiss	647	120	195	17.7	49.8	6.6	4.9	0.7	4.8
Z12-4F4	**W1350433**	157.00	160.00	3.00	Graphitic overprinted syenitic gneiss	740	28.3	50.2	5	15.9	2.5	1.8	0.3	1.5
Z12-4F4	**W1350434**	160.00	163.00	3.00	Graphitic overprinted syenitic gneiss	537	266	496	51.3	173	28.7	21.4	2.7	15

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Z12-4F4	**W1350435**	163.00	166.00	3.00	Graphitic overprinted syenitic gneiss	618	64.2	115	11.2	34.6	5.7	5.1	0.8	4.7
Z12-4F4	**W1350436**	166.00	169.00	3.00	Graphitic overprinted syenitic gneiss	553	18.2	35.5	3.7	11.9	2.1	1.7	0.3	1.6
Z12-4F4	**W1350437**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss	555	18.2	33.4	3.4	11.1	2	1.6	0.2	1.3
Z12-4F4	**W1350438**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss	581	27.9	49.4	5	16.2	2.8	2.2	0.3	1.4
Z12-4F4	**W1350439**	175.00	177.00	2.00	Graphitic overprinted syenitic gneiss	582	30	53.4	5.3	17.3	3.1	2.2	0.3	1.3
Z12-4F4	**W1350440**	177.00	179.00	2.00	Graphitic overprinted syenitic gneiss	564	15.3	32.1	3.1	10.6	2	1.6	0.2	1.2
Z12-4F4	**W1350441**	179.00	**QC**		**M760121 Pulp: REE/C Blank**	> 6000	149	284	29.4	94.4	11.4	7.5	0.8	4.4
					END OF HOLE									

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl
Z12-4F4	**W1350387**	42.57	44.33	1.76	basal orthoquartzite, possible graphitic content	20.8	< 0.1	0.1	0.7	0.1	0.3	1.4	< 0.001	0.64
Z12-4F4	**W1350388**	44.33	46.00	1.67	Start of Precambrian. Intensely paleoweathered syenite	9.5	< 0.1	0.1	0.8	0.1	0.5	1.6	< 0.001	0.63
Z12-4F4	**W1350389**	46.00	48.00	2.00	Intensely paleoweathered syenite; possible graphitic content	7.1	< 0.1	0.2	1	0.2	0.8	1.8	0.001	0.79
Z12-4F4	**W1350390**	48.00	50.00	2.00	Intensely paleoweathered graphitic brecciated syenitic gneiss	9.3	0.1	0.2	1	0.2	0.6	1.7	0.002	0.52
Z12-4F4	**W1350391**	50.00	51.88	1.88	Intensely paleoweathered graphitic brecciated syenitic gneiss	6.5	0.1	0.2	1	0.2	1.7	3.4	< 0.001	0.54
Z12-4F4	**W1350392**	51.88	53.66	1.78	Aplite dyke	5.1	0.3	1.2	7.2	1.1	1.4	0.8	< 0.001	0.66
Z12-4F4	**W1350393**	53.66	55.00	1.34	Moderately paleoweathered graphitic brecciated syenitic gneiss	3.7	< 0.1	0.2	1.3	0.2	0.5	1	< 0.001	0.48
Z12-4F4	**W1350394**	55.00	57.00	2.00	Moderately paleoweathered graphitic brecciated syenitic gneiss	3.2	< 0.1	0.1	0.7	0.1	0.1	0.8	0.004	0.43
Z12-4F4	**W1350395**	57.00	59.17	2.17	Weakly paleoweathered graphitic brecciated syenitic gneiss	4.5	0.1	0.1	0.7	0.1	0.4	1	< 0.001	0.36
Z12-4F4	**W1350396**	59.17	61.84	2.67	Weathered trachyte/dioritic dyke	2.5	0.7	1	5.9	0.9	2.8	2.7	0.001	1.04
Z12-4F4	**W1350397**	61.84	63.40	1.56	Graphitic brecciated syenitic gneiss	10.5	0.3	0.6	3.9	0.6	1.8	1	0.001	0.39
Z12-4F4	**W1350398**	63.40	66.00	2.60	Graphitic overprinted syenitic gneiss	7.3	0.1	0.2	1.3	0.2	< 0.1	1.7	< 0.001	0.39
Z12-4F4	**W1350399**	66.00	69.00	3.00	Graphitic overprinted syenitic gneiss	8.9	0.2	0.2	1.3	0.2	0.3	1.5	< 0.001	0.71
Z12-4F4	**W1350400**	**69.00**	**QC**		**J600090 Pulp 4.1% C (med)**	11.7	0.2	0.2	1.1	0.2	1	0.6	0.002	0.49
Z12-4F4	**W1350401**	69.00	72.00	3.00	Graphitic overprinted syenitic gneiss	10.7	0.1	0.2	1.3	0.2	< 0.1	1.4	0.006	0.59
Z12-4F4	**W1350402**	72.00	75.00	3.00	Graphitic overprinted syenitic gneiss	5.5	0.1	< 0.1	0.6	< 0.1	0.3	2.5	0.002	0.52
Z12-4F4	**W1350403**	75.00	78.00	3.00	Graphitic overprinted syenitic gneiss	10	0.3	2.4	12.7	1.6	0.2	4.5	0.001	0.51
Z12-4F4	**W1350404**	78.00	81.00	3.00	Graphitic overprinted syenitic gneiss	3.7	< 0.1	0.2	1.2	0.2	0.3	1.2	0.003	0.54
Z12-4F4	**W1350405**	81.00	84.00	3.00	Graphitic overprinted syenitic gneiss	7.5	0.1	< 0.1	0.6	< 0.1	0.3	0.8	< 0.001	0.73
Z12-4F4	**W1350406**	84.00	87.00	3.00	Graphitic overprinted syenitic gneiss	5.6	0.1	0.1	0.6	< 0.1	0.3	0.4	< 0.001	0.73
Z12-4F4	**W1350407**	87.00	90.00	3.00	Graphitic overprinted syenitic gneiss	6.6	0.1	< 0.1	0.6	< 0.1	0.5	0.4	0.006	0.69
Z12-4F4	**W1350408**	90.00	93.00	3.00	Graphitic overprinted syenitic gneiss	5.6	0.1	< 0.1	0.5	< 0.1	0.3	0.2	0.001	0.57

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl
Z12-4F4	**W1350409**	93.00	96.00	3.00	Graphitic overprinted syenitic gneiss	5.4	0.1	< 0.1	0.4	< 0.1	0.4	0.2	< 0.001	0.5
Z12-4F4	**W1350410**	96.00	99.00	3.00	Graphitic overprinted syenitic gneiss	7.6	0.2	0.1	0.8	0.1	0.6	0.6	0.004	0.56
Z12-4F4	**W1350411**	99.00	102.00	3.00	Graphitic overprinted syenitic gneiss	9.3	0.2	< 0.1	0.5	< 0.1	0.4	0.4	0.002	0.47
Z12-4F4	**W1350412**	102.00	105.00	3.00	Graphitic overprinted syenitic gneiss	12.2	0.1	< 0.1	0.6	< 0.1	0.4	0.3	0.002	0.45
Z12-4F4	**W1350413**	105.00	108.00	3.00	Graphitic overprinted syenitic gneiss	7.4	0.2	0.1	0.7	0.1	< 0.1	0.4	< 0.001	0.43
Z12-4F4	**W1350414**	108.00	111.00	3.00	Graphitic overprinted syenitic gneiss	8.7	0.3	0.3	1.8	0.3	0.3	1.6	0.001	0.51
Z12-4F4	**W1350415**	111.00	114.00	3.00	Graphitic overprinted syenitic gneiss	9.5	0.1	< 0.1	0.4	< 0.1	0.4	0.2	< 0.001	0.54
Z12-4F4	**W1350416**	114.00	117.00	3.00	Graphitic overprinted syenitic gneiss	5.1	0.1	< 0.1	0.4	< 0.1	0.4	0.3	0.001	0.8
Z12-4F4	**W1350417**	117.00	120.00	3.00	Graphitic overprinted syenitic gneiss	6.5	0.1	< 0.1	0.5	< 0.1	0.3	0.2	0.004	0.6
Z12-4F4	**W1350418**	120.00	123.00	3.00	Graphitic overprinted syenitic gneiss	8	0.1	< 0.1	0.5	< 0.1	0.3	0.3	0.002	0.52
Z12-4F4	**W1350419**	123.00	126.00	3.00	Graphitic overprinted syenitic gneiss	10.8	0.2	0.1	0.7	< 0.1	0.4	0.4	0.001	0.49
Z12-4F4	**W1350420**	126.00	129.00	3.00	Graphitic overprinted syenitic gneiss	10.9	0.2	0.2	1	0.1	2.9	1	< 0.001	0.67
Z12-4F4	**W1350421**	129.00	132.00	3.00	Graphitic overprinted syenitic gneiss	9.3	0.1	0.2	1	0.1	< 0.1	0.6	0.003	0.43
Z12-4F4	**W1350422**	132.00	135.00	3.00	Graphitic overprinted syenitic gneiss with chlorite biotite schist	17.8	0.2	0.2	1.1	0.2	1.3	0.7	0.001	1
Z12-4F4	**W1350423**	135.00	139.00	4.00	Fault zone in graphitic overprinted syenitic gneiss	5.5	0.1	< 0.1	0.6	< 0.1	0.3	1.1	0.003	0.48
Z12-4F4	**W1350424**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss	6.9	0.1	< 0.1	0.5	< 0.1	0.5	0.4	0.003	0.56
Z12-4F4	**W1350425**	**142.00**	**QC**		**J600100 Pulp: 10% C (high)**	9.5	0.1	0.1	0.8	0.1	0.8	0.6	< 0.001	0.25
Z12-4F4	**W1350426**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss	11	0.2	0.4	2.6	0.4	0.8	1.1	0.004	0.5
Z12-4F4	**W1350427**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss	11.7	0.1	0.1	0.7	0.1	0.6	0.7	< 0.001	0.61
Z12-4F4	**W1350428**	148.00	149.84	1.84	Graphitic overprinted syenitic gneiss; start of shear zone	18.2	0.1	< 0.1	0.6	< 0.1	0.6	0.3	< 0.001	0.52
Z12-4F4	**W1350429**	149.84	150.40	0.56	Graphitic overprinted QUARTZ VEIN	2.9	< 0.1	< 0.1	0.2	< 0.1	< 0.1	0.3	0.004	0.08
Z12-4F4	**W1350430**	150.40	152.00	1.60	Shear zone - mix of chlorite biotite schist and graphitic overprinted syenitic gneiss	3.9	0.3	0.2	0.9	0.1	1.5	1.5	0.003	0.61
Z12-4F4	**W1350431**	152.00	154.00	2.00	Graphitic overprinted syenitic gneiss	12.8	0.1	0.2	1.1	0.2	0.4	0.9	0.013	0.53
Z12-4F4	**W1350432**	154.00	157.00	3.00	Graphitic overprinted syenitic gneiss	10.2	0.2	0.4	2.7	0.4	0.7	1.4	0.004	0.49
Z12-4F4	**W1350433**	157.00	160.00	3.00	Graphitic overprinted syenitic gneiss	15.4	0.2	0.1	0.8	0.1	0.7	0.8	0.003	0.5
Z12-4F4	**W1350434**	160.00	163.00	3.00	Graphitic overprinted syenitic gneiss	6.4	0.6	1.3	8.2	1.3	1.4	1.8	0.002	0.68

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl
Z12-4F4	**W1350435**	163.00	166.00	3.00	Graphitic overprinted syenitic gneiss	9	0.2	0.4	2.3	0.3	1.1	1	0.001	0.53
Z12-4F4	**W1350436**	166.00	169.00	3.00	Graphitic overprinted syenitic gneiss	8.8	0.1	0.1	0.9	0.1	1.1	7.8	0.004	0.69
Z12-4F4	**W1350437**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss	5.1	< 0.1	< 0.1	0.6	< 0.1	0.9	0.8	0.002	0.7
Z12-4F4	**W1350438**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss	5.5	0.1	0.1	0.7	0.1	1.8	0.8	< 0.001	0.88
Z12-4F4	**W1350439**	175.00	177.00	2.00	Graphitic overprinted syenitic gneiss	7.8	0.1	< 0.1	0.6	< 0.1	0.9	0.2	< 0.001	0.75
Z12-4F4	**W1350440**	177.00	179.00	2.00	Graphitic overprinted syenitic gneiss	4.1	< 0.1	< 0.1	0.5	< 0.1	1.3	0.6	< 0.001	0.87
Z12-4F4	**W1350441**	179.00	**QC**		**M760121 Pulp: REE/C Blank**	26.4	0.5	0.3	1.6	0.2	2.9	0.4	0.002	0.3
					END OF HOLE									

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F4	**W1350387**	42.57	44.33	1.76	basal orthoquartzite, possible graphitic content	33.8	4.8	1.8	< 2	< 5	< 5
Z12-4F4	**W1350388**	44.33	46.00	1.67	Start of Precambrian. Intensely paleoweathered syenite	12.4	6	1.1	< 2	< 5	< 5
Z12-4F4	**W1350389**	46.00	48.00	2.00	Intensely paleoweathered syenite; possible graphitic content	15.8	9.1	2.1	4	< 5	< 5
Z12-4F4	**W1350390**	48.00	50.00	2.00	Intensely paleoweathered graphitic brecciated syenitic gneiss	16.8	8.7	2.1	4	< 5	< 5
Z12-4F4	**W1350391**	50.00	51.88	1.88	Intensely paleoweathered graphitic brecciated syenitic gneiss	12.1	5.1	3.2	< 2	< 5	< 5
Z12-4F4	**W1350392**	51.88	53.66	1.78	Aplite dyke	8.8	55	2.5	< 2	< 5	< 5
Z12-4F4	**W1350393**	53.66	55.00	1.34	Moderately paleoweathered graphitic brecciated syenitic gneiss	20.7	12.5	2.6	5	< 5	< 5
Z12-4F4	**W1350394**	55.00	57.00	2.00	Moderately paleoweathered graphitic brecciated syenitic gneiss	15.6	8	2	5	< 5	< 5
Z12-4F4	**W1350395**	57.00	59.17	2.17	Weakly paleoweathered graphitic brecciated syenitic gneiss	17.6	14.3	1.6	< 2	< 5	< 5
Z12-4F4	**W1350396**	59.17	61.84	2.67	Weathered trachyte/dioritic dyke	17.5	35.7	7.8	< 2	< 5	< 5
Z12-4F4	**W1350397**	61.84	63.40	1.56	Graphitic brecciated syenitic gneiss	34.9	70.4	10.6	3	< 5	< 5
Z12-4F4	**W1350398**	63.40	66.00	2.60	Graphitic overprinted syenitic gneiss	22.8	13.1	1.5	< 2	< 5	< 5
Z12-4F4	**W1350399**	66.00	69.00	3.00	Graphitic overprinted syenitic gneiss	13.6	18.9	1.2	< 2	< 5	< 5
Z12-4F4	**W1350400**	**69.00**	**QC**		**J600090 Pulp 4.1% C (med)**	15.2	9.8	2.7	< 2	< 5	< 5
Z12-4F4	**W1350401**	69.00	72.00	3.00	Graphitic overprinted syenitic gneiss	13.8	6.4	0.9	2	< 5	< 5
Z12-4F4	**W1350402**	72.00	75.00	3.00	Graphitic overprinted syenitic gneiss	15	5.6	0.8	< 2	< 5	< 5
Z12-4F4	**W1350403**	75.00	78.00	3.00	Graphitic overprinted syenitic gneiss	18.7	30.7	1.9	< 2	< 5	< 5
Z12-4F4	**W1350404**	78.00	81.00	3.00	Graphitic overprinted syenitic gneiss	17	7.7	1	< 2	< 5	< 5
Z12-4F4	**W1350405**	81.00	84.00	3.00	Graphitic overprinted syenitic gneiss	18.3	5.7	1.1	< 2	< 5	< 5
Z12-4F4	**W1350406**	84.00	87.00	3.00	Graphitic overprinted syenitic gneiss	18.5	7.3	1.6	< 2	< 5	< 5
Z12-4F4	**W1350407**	87.00	90.00	3.00	Graphitic overprinted syenitic gneiss	18.1	9.2	1.4	< 2	< 5	< 5
Z12-4F4	**W1350408**	90.00	93.00	3.00	Graphitic overprinted syenitic gneiss	19.1	8	0.9	< 2	< 5	8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F4	**W1350409**	93.00	96.00	3.00	Graphitic overprinted syenitic gneiss	17.4	5.8	0.9	< 2	< 5	< 5
Z12-4F4	**W1350410**	96.00	99.00	3.00	Graphitic overprinted syenitic gneiss	13.8	8.6	1.5	< 2	< 5	< 5
Z12-4F4	**W1350411**	99.00	102.00	3.00	Graphitic overprinted syenitic gneiss	15.6	5.6	1.2	< 2	< 5	< 5
Z12-4F4	**W1350412**	102.00	105.00	3.00	Graphitic overprinted syenitic gneiss	16.8	4.6	1.4	< 2	< 5	< 5
Z12-4F4	**W1350413**	105.00	108.00	3.00	Graphitic overprinted syenitic gneiss	14.7	21.8	1.2	< 2	< 5	< 5
Z12-4F4	**W1350414**	108.00	111.00	3.00	Graphitic overprinted syenitic gneiss	18.7	121	2.5	< 2	< 5	< 5
Z12-4F4	**W1350415**	111.00	114.00	3.00	Graphitic overprinted syenitic gneiss	20.2	8.7	1.2	< 2	< 5	< 5
Z12-4F4	**W1350416**	114.00	117.00	3.00	Graphitic overprinted syenitic gneiss	20.9	6.8	1.6	< 2	< 5	< 5
Z12-4F4	**W1350417**	117.00	120.00	3.00	Graphitic overprinted syenitic gneiss	20.8	5.4	2.7	< 2	< 5	< 5
Z12-4F4	**W1350418**	120.00	123.00	3.00	Graphitic overprinted syenitic gneiss	17.4	4.2	0.7	< 2	< 5	< 5
Z12-4F4	**W1350419**	123.00	126.00	3.00	Graphitic overprinted syenitic gneiss	16.5	5.1	0.9	< 2	< 5	< 5
Z12-4F4	**W1350420**	126.00	129.00	3.00	Graphitic overprinted syenitic gneiss	10.6	3.8	3.3	< 2	< 5	< 5
Z12-4F4	**W1350421**	129.00	132.00	3.00	Graphitic overprinted syenitic gneiss	9.2	13.2	1.3	3	< 5	< 5
Z12-4F4	**W1350422**	132.00	135.00	3.00	Graphitic overprinted syenitic gneiss with chlorite biotite schist	7.7	5.7	1.5	< 2	< 5	< 5
Z12-4F4	**W1350423**	135.00	139.00	4.00	Fault zone in graphitic overprinted syenitic gneiss	8.9	5	1.7	< 2	< 5	< 5
Z12-4F4	**W1350424**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss	19.2	5.3	1.3	3	< 5	< 5
Z12-4F4	**W1350425**	**142.00**	**QC**		**J600100 Pulp: 10% C (high)**	12.8	9.4	2	5	< 5	< 5
Z12-4F4	**W1350426**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss	16	26.2	1.5	< 2	< 5	< 5
Z12-4F4	**W1350427**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss	18.8	4	1.3	< 2	< 5	< 5
Z12-4F4	**W1350428**	148.00	149.84	1.84	Graphitic overprinted syenitic gneiss; start of shear zone	16.8	6.6	2.4	< 2	< 5	< 5
Z12-4F4	**W1350429**	149.84	150.40	0.56	Graphitic overprinted QUARTZ VEIN	3.4	0.8	0.3	< 2	< 5	< 5
Z12-4F4	**W1350430**	150.40	152.00	1.60	Shear zone - mix of chlorite biotite schist and graphitic overprinted syenitic gneiss	18.1	30.4	1.7	< 2	< 5	< 5
Z12-4F4	**W1350431**	152.00	154.00	2.00	Graphitic overprinted syenitic gneiss	25.6	7.8	1.9	< 2	< 5	< 5
Z12-4F4	**W1350432**	154.00	157.00	3.00	Graphitic overprinted syenitic gneiss	20.8	12.8	1.2	< 2	< 5	< 5
Z12-4F4	**W1350433**	157.00	160.00	3.00	Graphitic overprinted syenitic gneiss	22.2	6.2	1.3	< 2	< 5	< 5
Z12-4F4	**W1350434**	160.00	163.00	3.00	Graphitic overprinted syenitic gneiss	105	56.4	7.8	< 2	< 5	< 5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Pb	Th	U	Au_ppb	Pd_ppb	Pt_ppb
Z12-4F4	**W1350435**	163.00	166.00	3.00	Graphitic overprinted syenitic gneiss	15.7	22.2	2.6	3	< 5	< 5
Z12-4F4	**W1350436**	166.00	169.00	3.00	Graphitic overprinted syenitic gneiss	19.4	7.2	2.5	< 2	< 5	< 5
Z12-4F4	**W1350437**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss	19.2	5.4	1.7	< 2	< 5	< 5
Z12-4F4	**W1350438**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss	22.6	6.1	3.1	< 2	< 5	< 5
Z12-4F4	**W1350439**	175.00	177.00	2.00	Graphitic overprinted syenitic gneiss	19.5	5.6	2.5	< 2	< 5	< 5
Z12-4F4	**W1350440**	177.00	179.00	2.00	Graphitic overprinted syenitic gneiss	21.1	6.2	1.4	< 2	< 5	< 5
Z12-4F4	**W1350441**	179.00	**QC**		**M760121 Pulp: REE/C Blank**	7.6	15	3.5	< 2	< 5	< 5
					END OF HOLE						

ZENYATTA - ALBANY PROJECT - PHASE II DRILLING

SUMMARY LOG: Z12-4F5

EASTING	682955 (UTMs-NAD 83, Zone 16)
NORTHING	5545700 (UTMs-NAD 83, Zone 16)
ELEVATION	130 metres
AZIMUTH	0°
INCLINATION	-65
STARTED	May-02-12
ENDED	May-19-12
DRILLED BY	Foraco Canada
LOGGED BY	Andrew Dalby and Ted Lamoureaux
ASSISTED BY	K. Genrich, S. Appel, J. Pinksen
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Zenyatta warehouse, Thunder Bay
TOTAL DEPTH	326 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z12-4F5	0.00	30.00	OVERBURDEN
Z12-4F5	30.00	44.14	PALEOZOIC COVER
Z12-4F5	44.14	132.00	**GRAPHITIC BRECCIATED GRANITE**
Z12-4F5	132.00	134.12	INTERMEDIATE DYKE
Z12-4F5	134.12	137.95	**GRAPHITIC OVERPRINTED GRANITE**
Z12-4F5	137.95	214.30	**GRAPHITIC WEAKLY BRECCIATED QUARTZ SYENITIC GNEISS**
Z12-4F5	214.30	283.86	**GRAPHITIC OVERPRINTED QUARTZ SYENITIC GNEISS**
Z12-4F5	283.86	326.00	QUARTZ SYENITIC GNEISS

END OF HOLE

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F5	0.00	30.00	OVERBURDEN	Outwash sand and gravel, boulders
Z12-4F5	30.00	44.14	PALEOZOIC COVER	This is the same carbonate and sandstone sequence as found in Z12-4F4. Limey orthoquartzite/wacke from 42.64 to 44.14. All observable bedding planes @CAA~65. Lower contact sharp @CAA64.
Z12-4F5	44.14	132.00	**GRAPHITIC BRECCIATED GRANITE**	Non-magnetic medium-grained graphitic brecciated granite. This unit is overall framework (70%) supported with 30% dark grey fine grained matrix containing conductive graphite. Framework clasts are light grey to light pinkish grey and appear to have a graphitic overprint (intraclast mineralization); clasts range widely in size from a few mm up to 30cm long. The top of this unit is intensely paleoweathered and friable down to 62m with considerable chloritic alteration giving parts of this zone a greenish tinge; there are submillimeter to a few mm thick chlorite-rich veins along fracture surfaces. This paleoweathered alteration is less prominent from 62 to 80m, but the entire paleoweathered also contains numerous 5-15cm long chlorite biotite and biotite chlorite schists which may be weathered mafic dykes. The rest of the unit below this is fairly uniform. Trace to nil finely disseminated pyrite. Lower contact sharp @CAA40. -102.34 to 103.00 fine grained aplite dyke with sharp contacts @CAA18. No observed graphite mineralization.
Z12-4F5	132.00	134.12	INTERMEDIATE DYKE	Non-magnetic light grey fine grained intermediate dyke. Strong to intensely fractured from 133.04 to 133.71. Lower contact obscured over 2 cm at 133.98 @CAA75.
Z12-4F5	134.12	137.95	**GRAPHITIC OVERPRINTED GRANITE**	This is essentially a continuation of the upcore granite from 44.14 to 132.00, except the marked absence of brecciation. It is non-magnetic, medium to coarse grained dark pinkish grey with a strong mafic and graphitic overprint. Pyrite blebs cover 2% of surface area of fracture at 135.71. The lower contact is defined by the presence of down core brecciation.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F5	137.95	214.30	**GRAPHITIC WEAKLY BRECCIATED QUARTZ SYENITIC GNEISS**	Non-magnetic medium grained dark to very dark grey mafic/graphitic overprinted weakly brecciated granitic gneiss-quartz syenite. This unit is weakly brecciated with variably sized (1-30cm) angular clasts of host rock in a framework-supported (80%) breccia. There are often 50-150cm long unbrecciated sections which may be boulder-sized brecciated clasts. The matrix (20%) is very dark grey and very conductive, indicating graphitic content. Some of the matrix contains dark silvery grey veins with a submetallic lustre, for example at 155.55m; there is a section from 207.50 to 208.00 with numerous (15-20% overall) submetallic dark silvery grey 1mm to several mm wide veins; where they cluster together they have the appearance of stringers. Submillimeter pyrite along veins at 140.40, 189.86, 194.43, and 195.83. Trace to nil finely disseminated pyrite. Sharp lower contact @CAA40 -150.64 non magnetic fine-grained light green chlorite schist vein 3cm@CAA69. -157.27 to 157.34 and 157.62 to 158.90 medium grained veins of biotite schist @CAA64. -160.54 highly conductive fine grained dark grey graphitic vein 6cm@CAA64. -183.61 to 184.23 unmineralized medium grained salmon pinkish grey spotted quartz syenitic dyke. There are 10-15% dark grey 1-2mm wide amphibole grains giving it the "spotted" texture. Unfoliated. Sharp upper and lower contacts @CAA76 and @CAA73. -185.32 3mm pyrite bleb in fracture. -190.7 to 192.62 Intensely fractured fault zone from with subrounded gravel filled sections from 191.00 to 191.10 and from 192.47 to 192.62. -195.81 to 195.90 light pink coarse grained syenitic dyke containing ~5% submillimeter amphiboles giving a speckled texture. Upper and lower contacts sharp at CAA54 and CAA70 respectively. -197.00 to 202.80 (and from 206.00 to 208.50) much lighter grey weakly brecciated zones similar in colour to 44.14 to 132.00 where the mafic overprint is minimal.
Z12-4F5	214.30	283.86	**GRAPHITIC OVERPRINTED QUARTZ SYENITIC GNEISS**	Non-magnetic medium to coarse grained pinkish grey quartz syenitic gneiss. Foliation @CAA~52. There are a few submillimeter strongly conductive dark grey veins with probable graphite occurring every ~20-30cm on average; most of the unit is unmineralized outside of these veins, i.e. no discernible overprint. Subsequent assay results indicate that this is an overprinted unit. Trace finely disseminated pyrite. -222.00 to 222.26 and from 222.79 to 222.98 weakly fractured fault zones. Primary fracture @CAA59. Secondary fracture @CAA23. -223.35 to 223.72 and from 224.80 to 225.10 intensely fractured fault zones, difficult to determine fracture orientations. -256.64 to 256.87 Non-magnetic fine grained grey intermediate dyke with sharp contacts @CAA68. -259.87 to 260.30 weakly fractured zone. Primary fracture @CAA55. Secondary fracture @CAA24. -268.20 to 266.32 non-magnetic weakly conductive fine grained graphite containing mafic dyke. -275.51-276.50 non-magnetic fine grained graphitic overprinted mafic dyke. Pyrite along veins and clusters of submillimeter euhedral crystals from 275.94 to 276.04 locally up to 3%. Chlorite schist from 275.90 to 276.11 and from 276.28 to 276.51. Strongly fractured from 276.35 to 276.45. Fracture and shearing angle @CAA27. -278.65 to 280.09 non-magnetic fine grained conductive dark grey graphitic overprinted biotite schist.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F5	283.86	326.00	QUARTZ SYENITIC GNEISS	Continuation of the previous unit without the graphitic overprint. -283.86 to 288.20 mainly grey mafic dyke alternating with sections 10-20cm of medium grained grey syenite. Upper contact obscured over 2cm @CAA42. Lower contact sharp @CAA62. -293.55 to 297.94 fine grained grey intermediate dyke. Upper contact sharp @CAA43. Lower contact sharp at CAA78. -295.86 to 296.92 coarse grained syenite dyke within previous subunit with sharp upper and lower contacts @CAA65 and @CAA82 respectively. -300.76 to 310.88 mainly grey mafic dyke alternating with sections 10-20cm of medium grained grey to pink syenite. Randomly oriented carbonate veins throughout. -307.08 to 308.46 moderately to intensely fractured fault zone. Primary fracture @CAA27. Secondary fracture @CAA72. -318.57 to 321.58 medium grained mafic overprinted syenite
				END OF HOLE

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%
Z12-4F5	**M760698**	42.64	44.17	1.53	Basal ordovician orthoquartzite/wacke	5.69	0.23	3.91	10	350	1.05	0.06	10.45
Z12-4F5	**M760699**	44.17	46.00	1.83	graphitic brecciated granite	5.58	0.46	6.38	11.1	610	1.42	0.12	3.11
Z12-4F5	**M760700**	**46.00**	**QC**		**J600092 Pulp 3.33% C (med)**	3.27	0.07	6.89	1.6	570	1.84	0.09	1.03
Z12-4F5	**M760701**	46.00	48.00	2.00	graphitic brecciated granite	6.16	0.14	6.62	3.9	660	2.79	0.17	1.38
Z12-4F5	**M760702**	48.00	50.00	2.00	graphitic brecciated granite	5.32	0.1	7.05	2.9	730	2.76	0.11	2.46
Z12-4F5	**M760703**	50.00	52.00	2.00	graphitic brecciated granite	5.99	0.06	6.24	3.2	540	2.1	0.2	4.64
Z12-4F5	**M760704**	52.00	54.00	2.00	graphitic brecciated granite	6.89	0.04	6.54	3.6	670	4.3	0.1	3.21
Z12-4F5	**M760705**	54.00	56.00	2.00	graphitic brecciated granite	8.73	0.03	5.86	2.8	540	2.71	0.13	2.75
Z12-4F5	**M760706**	56.00	58.00	2.00	graphitic brecciated granite	4	0.04	6.51	3.5	730	2.02	0.21	2.3
Z12-4F5	**M760707**	58.00	60.00	2.00	graphitic brecciated granite	7.31	0.03	6.76	1.9	740	2.99	0.16	1.38
Z12-4F5	**M760709**	60.00	62.00	2.00	graphitic brecciated granite	6.69	0.02	7	2.5	580	2.85	0.17	0.32
Z12-4F5	**M760710**	62.00	64.00	2.00	graphitic brecciated granite	6.29	0.03	6.42	1.2	710	1.55	0.2	0.1
Z12-4F5	**M760711**	64.00	66.00	2.00	graphitic brecciated granite	6.81	0.02	6.18	1.5	650	1.25	0.14	0.13
Z12-4F5	**M760712**	66.00	68.00	2.00	graphitic brecciated granite	4.04	0.02	6.58	2.1	560	2.34	0.1	0.43
Z12-4F5	**M760713**	68.00	70.00	2.00	graphitic brecciated granite	5.45	0.03	6.72	1.4	730	1.29	0.12	0.11
Z12-4F5	**M760714**	70.00	72.00	2.00	graphitic brecciated granite	5.75	0.1	6.48	1.4	660	1.21	0.11	0.21
Z12-4F5	**M760715**	72.00	74.00	2.00	graphitic brecciated granite	5.62	0.06	6.77	2.4	710	1.16	0.11	0.14
Z12-4F5	**M760716**	74.00	76.00	2.00	graphitic brecciated granite	7.58	0.02	6.54	1.1	670	1.09	0.09	0.2
Z12-4F5	**M760717**	76.00	78.00	2.00	graphitic brecciated granite	8.68	0.05	6.64	1.1	710	1.37	0.08	0.2
Z12-4F5	**M760718**	78.00	80.00	2.00	graphitic brecciated granite	8.28	0.04	6.56	1.2	690	2.37	0.07	0.22
Z12-4F5	**M760719**	80.00	82.00	2.00	graphitic brecciated granite	6.7	0.04	6.7	1.1	690	1.87	0.08	0.21
Z12-4F5	**M760720**	82.00	84.00	2.00	graphitic brecciated granite	5.41	0.05	6.57	1	650	1.12	0.08	0.43
Z12-4F5	**M760721**	84.00	86.00	2.00	graphitic brecciated granite	5.42	0.03	6.62	0.9	640	1.39	0.06	0.23
Z12-4F5	**M760722**	86.00	88.00	2.00	graphitic brecciated granite	6.98	0.03	6.71	1.1	650	1.46	0.08	0.2
Z12-4F5	**M760723**	88.00	90.00	2.00	graphitic brecciated granite	4.42	0.05	6.87	0.8	620	1.47	0.06	0.37
Z12-4F5	**M760724**	90.00	92.00	2.00	graphitic brecciated granite	8.04	0.03	6.65	1.1	630	1.27	0.1	0.34
Z12-4F5	**M760725**	**92.00**	**QC**		**J600104 Pulp 6.86% C (high)**	6.76	0.07	6.7	1.3	690	2.14	0.08	1.14
Z12-4F5	**M760726**	92.00	94.00	2.00	graphitic brecciated granite	3.66	0.06	6.71	1.6	690	1.1	0.08	0.65
Z12-4F5	**M760727**	94.00	96.00	2.00	graphitic brecciated granite	6.32	0.03	6.71	0.8	580	1.26	0.11	0.78

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%
Z12-4F5	**M760728**	96.00	98.00	2.00	graphitic brecciated granite	7.06	0.05	6.58	1	560	1.74	0.11	0.65
Z12-4F5	**M760729**	98.00	100.00	2.00	graphitic brecciated granite	4.12	0.14	6.91	3.6	610	1.33	0.14	0.7
Z12-4F5	**M760730**	100.00	102.00	2.00	graphitic brecciated granite	10.25	0.03	6.67	1.1	630	1.34	0.09	0.59
Z12-4F5	**M760731**	102.00	104.00	2.00	graphitic brecciated granite	5.23	0.05	6.7	3	460	2.61	0.09	0.56
Z12-4F5	**M760732**	104.00	106.00	2.00	graphitic brecciated granite	7.12	0.03	6.57	1.1	580	1.43	0.07	0.72
Z12-4F5	**M760733**	106.00	108.00	2.00	graphitic brecciated granite	8.36	0.03	6.41	1.2	630	1.39	0.08	0.61
Z12-4F5	**M760734**	108.00	110.00	2.00	graphitic brecciated granite	8.2	0.03	6.27	1.2	650	1.35	0.07	0.39
Z12-4F5	**M760735**	110.00	112.00	2.00	graphitic brecciated granite	5.48	0.07	6.51	1.7	680	1.9	0.11	0.43
Z12-4F5	**M760736**	112.00	114.00	2.00	graphitic brecciated granite	6.81	0.04	6.6	1.3	790	1.52	0.04	0.36
Z12-4F5	**M760737**	114.00	116.00	2.00	graphitic brecciated granite	8.3	0.05	6.74	1.4	760	1.33	0.08	0.47
Z12-4F5	**M760738**	116.00	118.00	2.00	graphitic brecciated granite	2.45	0.1	7.56	2.3	810	1.6	0.12	0.97
Z12-4F5	**M760739**	118.00	120.00	2.00	graphitic brecciated granite	7.93	0.04	6.85	1.4	680	1.31	0.07	0.66
Z12-4F5	**M760740**	120.00	122.00	2.00	graphitic brecciated granite	8.99	0.03	6.59	1.1	620	1.18	0.07	0.73
Z12-4F5	**M760741**	122.00	124.00	2.00	graphitic brecciated granite	3.32	0.05	6.82	1.4	630	1.21	0.06	0.75
Z12-4F5	**M760742**	124.00	126.00	2.00	graphitic brecciated granite	7.82	0.03	6.72	1.8	600	1.4	0.07	0.96
Z12-4F5	**M760743**	126.00	128.00	2.00	graphitic brecciated granite	7.52	0.02	6.77	1.2	680	1.13	0.05	0.74
Z12-4F5	**M760744**	128.00	130.00	2.00	graphitic brecciated granite	7.65	0.03	6.62	1.4	610	1.23	0.05	0.75
Z12-4F5	**M760745**	130.00	132.00	2.00	graphitic brecciated granite	9.21	0.05	6.27	2.5	590	1.7	0.11	0.8
Z12-4F5	**M760746**	132.00	134.12	2.12	intermediate dyke	0.31	0.74	8.11	4.5	160	5.7	0.09	1.02
Z12-4F5	**M760747**	134.12	136.00	1.88	graphitic overprinted granite	0.55	0.07	6.8	1.2	640	1.48	0.06	0.89
Z12-4F5	**M760748**	136.00	137.95	1.95	graphitic overprinted granite	0.44	0.08	6.37	4.5	500	1.87	0.09	0.77
Z12-4F5	**M760749**	137.95	139.86	1.91	dark graphitic brecciated granite	5.81	0.05	5.99	3.5	680	1.28	0.11	0.72
Z12-4F5	**M760750**	**139.86**	**QC**		**M760125 Pulp: REE/C Blank**	0.16	0.07	9.36	3.4	3010	4.86	0.02	3.92
Z12-4F5	**M760751**	139.86	141.82	1.96	dark graphitic brecciated granite	9.36	0.05	5.82	1.7	740	1.41	0.12	0.68
Z12-4F5	**M760752**	141.82	143.79	1.97	graphitic overprinted granite	0.38	0.07	6.69	1.2	630	1.24	0.07	0.65
Z12-4F5	**M760753**	143.79	146.00	2.21	dark graphitic weakly brecciated granite	10.65	0.07	5.99	0.6	610	1.05	0.12	0.78
Z12-4F5	**M760754**	146.00	148.00	2.00	dark graphitic weakly brecciated granite	9.76	0.08	5.96	2	760	1.26	0.14	0.73
Z12-4F5	**M760755**	148.00	150.00	2.00	dark graphitic weakly brecciated granite	11.5	0.04	5.55	1.7	610	1.02	0.11	0.73
Z12-4F5	**M760756**	150.00	152.00	2.00	dark graphitic weakly brecciated granite	8.84	0.06	6.02	1.4	990	1.38	0.14	0.91

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%
Z12-4F5	**M760757**	152.00	154.00	2.00	dark graphitic weakly brecciated granite	6.48	0.12	5.88	2.3	730	1.27	0.09	0.56
Z12-4F5	**M760758**	154.00	156.00	2.00	dark graphitic weakly brecciated granite	8.76	0.06	5.9	1.3	720	1.23	0.09	0.58
Z12-4F5	**M760759**	156.00	158.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	6.46	0.13	5.89	9.3	540	1.87	0.18	0.91
Z12-4F5	**M760760**	158.00	160.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	6.97	0.05	6.14	5.7	580	1.81	0.11	1.21
Z12-4F5	**M760761**	160.00	162.00	2.00	dark graphitic weakly brecciated granite	7.42	0.05	6.28	2.3	880	1.21	0.1	1.12
Z12-4F5	**M760762**	162.00	164.00	2.00	dark graphitic weakly brecciated granite	8.67	0.06	6.13	1.1	570	1.23	0.12	1.11
Z12-4F5	**M760763**	164.00	166.00	2.00	dark graphitic weakly brecciated granite	9.17	0.09	6.05	1.8	630	1.6	0.16	0.89
Z12-4F5	**M760764**	166.00	168.00	2.00	dark graphitic weakly brecciated granite	3.51	0.07	6.69	1.2	510	1.39	0.08	1.36
Z12-4F5	**M760765**	168.00	170.00	2.00	dark graphitic weakly brecciated granite	1.05	0.06	6.55	1.2	620	1.17	0.04	0.91
Z12-4F5	**M760766**	170.00	172.00	2.00	dark graphitic weakly brecciated granite	6	0.05	6.41	0.6	640	1.51	0.06	0.97
Z12-4F5	**M760767**	172.00	174.00	2.00	dark graphitic weakly brecciated granite	11.15	0.07	5.95	0.6	600	1.24	0.17	1.07
Z12-4F5	**M760768**	174.00	176.00	2.00	dark graphitic weakly brecciated granite	6.64	0.06	5.7	0.6	690	1.56	0.11	0.9
Z12-4F5	**M760769**	176.00	178.00	2.00	dark graphitic weakly brecciated granite	9.75	0.08	6.09	2.1	580	2.9	0.18	1.03
Z12-4F5	**M760770**	178.00	180.00	2.00	dark graphitic weakly brecciated granite	13.1	0.12	5.82	2	590	9.62	0.3	1.04
Z12-4F5	**M760771**	180.00	182.00	2.00	dark graphitic weakly brecciated granite	8.15	0.08	6.34	1	590	19.2	0.15	1.09
Z12-4F5	**M760772**	182.00	183.61	1.61	dark graphitic unbrecciated granite	7.66	0.07	6.4	1.5	660	36.3	0.19	1.02
Z12-4F5	**M760773**	183.61	184.23	0.62	syenitic dyke	0.38	0.73	6.04	57.3	100	41.1	0.41	0.79
Z12-4F5	**M760774**	184.23	186.00	1.77	dark graphitic weakly brecciated granite	7.56	0.12	5.82	38.6	550	11.2	0.24	1.07
Z12-4F5	**M760775**	**186.00**	**QC**		**J600092 Pulp 3.33% C (med)**	3.27	0.05	6.52	1.1	570	2.09	0.07	0.99
Z12-4F5	**M760776**	186.00	187.25	1.25	dark graphitic weakly brecciated granite	5.28	0.12	5.99	0.5	600	8.48	0.11	1.03
Z12-4F5	**M760777**	187.25	188.50	1.25	dark graphitic weakly brecciated granite	7.02	0.13	6.25	0.2	660	1.85	0.18	1.09
Z12-4F5	**M760778**	188.50	189.75	1.25	dark graphitic weakly brecciated granite	7.71	0.15	6.38	1.7	680	2.46	0.22	1.36
Z12-4F5	**M760779**	189.75	191.00	1.25	dark graphitic weakly brecciated granite	2.54	0.1	6.81	2	500	2.82	0.08	1.64
Z12-4F5	**M760780**	191.00	193.00	2.00	Fault zone in dark graphitic weakly brecciated granite	4.17	0.11	6.34	2.8	660	30.8	0.11	1.09
Z12-4F5	**M760781**	193.00	195.00	2.00	dark graphitic weakly brecciated granite	5.4	0.08	6.05	3	510	47.2	0.14	1.53
Z12-4F5	**M760782**	195.00	197.00	2.00	dark graphitic weakly brecciated granite	3.95	0.2	6.06	45.8	630	9.26	0.28	2.28
Z12-4F5	**M760783**	197.00	199.00	2.00	light grey graphitic brecciated granite	5.59	0.15	6.1	11	650	18.2	0.13	1.69

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%
Z12-4F5	**M760784**	199.00	201.00	2.00	light grey graphitic brecciated granite	0.86	0.11	6.5	0.6	670	22.2	0.09	2.14
Z12-4F5	**M760785**	201.00	202.64	1.64	light grey graphitic brecciated granite	4.45	0.11	6.17	0.8	630	16	0.08	1.12
Z12-4F5	**M760786**	202.64	204.00	1.36	dark graphitic weakly brecciated granite	13.65	0.1	5.66	2.1	540	7.39	0.16	0.88
Z12-4F5	**M760787**	204.00	206.00	2.00	dark graphitic weakly brecciated granite	6.93	0.12	6.19	0.6	610	10.2	0.13	1.28
Z12-4F5	**M760788**	206.00	207.50	1.50	light grey graphitic brecciated granite	2.14	0.14	6.16	0.8	660	1.67	0.07	1.01
Z12-4F5	**M760789**	207.50	208.00	0.50	dark graphitic weakly brecciated granite with 20% submetallic dark grey veins/stringers 1mm to several mm wide	8.9	0.24	6.12	1.4	650	2.6	0.13	1.06
Z12-4F5	**M760790**	208.00	208.76	0.76	unbrecciated granite	1.64	0.13	6.68	1.1	660	1.83	0.04	1.18
Z12-4F5	**M760791**	208.76	211.00	2.24	dark graphitic weakly brecciated granite	10.35	0.23	6.27	6	550	2.47	0.17	1.32
Z12-4F5	**M760792**	211.00	212.80	1.80	dark graphitic weakly brecciated granite	11.2	0.28	6.25	2.8	670	2.42	0.24	1.2
Z12-4F5	**M760793**	212.80	214.30	1.50	dark graphitic weakly brecciated granite	10	0.16	6.08	2.9	620	10.15	0.19	1.25
Z12-4F5	**M760794**	214.30	216.00	1.70	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.04	0.12	6.67	8	620	4.21	0.05	1.14
Z12-4F5	**M760795**	216.00	219.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.95	0.07	6.63	1	570	1.79	0.1	1.07
Z12-4F5	**M760796**	219.00	222.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.41	0.11	6.6	2.3	520	1.98	0.07	1.05
Z12-4F5	**M760797**	222.00	225.10	3.10	Two short fault zones in medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.44	0.05	6.34	5.3	430	2.71	0.05	0.86
Z12-4F5	**M760798**	225.10	228.00	2.90	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.57	0.12	6.78	1.4	560	4.26	0.07	1.07
Z12-4F5	**M760799**	228.00	231.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.27	0.08	6.69	1.1	570	2.48	0.05	1.08

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%
Z12-4F5	**M760800**	**231.00**	**QC**		**J600104 Pulp 6.86% C (high)**	6.84	0.08	6.35	1.1	660	2.07	0.07	1.12
Z12-4F5	**M760801**	231.00	234.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.28	0.08	6.8	1.5	530	1.62	0.06	1.02
Z12-4F5	**M760802**	234.00	237.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.49	0.08	6.9	0.7	570	3.87	0.07	1.16
Z12-4F5	**M760803**	237.00	240.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.44	0.06	6.76	1.4	520	2.99	0.04	0.91
Z12-4F5	**M760804**	240.00	243.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.38	0.07	6.68	1.1	580	2.6	0.05	0.88
Z12-4F5	**M760805**	243.00	246.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.21	0.06	6.8	1.2	560	1.56	0.05	0.98
Z12-4F5	**M760806**	246.00	249.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.49	0.07	6.85	1.8	590	4.47	0.07	1.08
Z12-4F5	**M760807**	249.00	252.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.04	0.06	6.86	1.8	660	4.26	0.11	1.17
Z12-4F5	**M760808**	252.00	255.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.26	0.19	6.97	2.3	610	3.83	0.08	1.02
Z12-4F5	**M760809**	255.00	258.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins). Contains small intermediate dyke.	0.17	0.06	7.06	0.6	840	2.09	0.03	1.35

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%
Z12-4F5	**M760810**	258.00	261.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.43	0.09	6.87	1.1	700	2.68	0.05	1.05
Z12-4F5	**M760811**	261.00	264.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.22	0.08	6.94	1.4	640	1.55	0.03	1.09
Z12-4F5	**M760812**	264.00	267.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.27	0.05	6.91	0.8	610	1.25	0.06	1.13
Z12-4F5	**M760813**	267.00	270.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.49	0.2	6.83	3.3	630	2.9	0.09	1.19
Z12-4F5	**M760814**	270.00	273.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.23	0.07	6.84	1.1	620	1.69	1.05	1.14
Z12-4F5	**M760815**	273.00	275.51	2.51	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.19	0.08	6.88	2.1	630	1.93	0.05	1.06
Z12-4F5	**M760816**	275.51	276.49	0.98	dark grey chlorite biotite schist; graphitic overprint	2.76	0.61	5.96	113.5	1660	8.2	0.52	6.04
Z12-4F5	**M760817**	276.49	278.67	2.18	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.41	0.1	7.91	7.5	700	2.34	0.15	1.38
Z12-4F5	**M760818**	278.67	280.11	1.44	dark grey chlorite biotite schist; graphitic overprint	5.06	0.35	6.34	75.5	1020	4.85	0.56	4.87
Z12-4F5	**M760819**	280.11	283.00	2.89	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.87	0.14	7.61	17.1	500	1.79	0.16	3.81
Z12-4F5	**M760820**	283.00	286.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.38	0.77	8.07	8.4	330	7.82	0.11	1.69

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%
Z12-4F5	**M760821**	286.00	289.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.19	0.72	7.79	4.4	170	7.68	0.1	1.03
Z12-4F5	**M760822**	289.00	291.27	2.27	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.21	0.05	6.74	0.3	610	1.06	0.1	1.02
Z12-4F5	**M760823**	291.27	293.55	2.28	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.29	0.06	6.8	0.6	620	2.93	0.12	0.95
Z12-4F5	**M760824**	293.55	295.65	2.10	fine grained mafic dyke; trace pyrite	0.09	0.48	7.77	3.1	110	5.56	0.05	1.09
Z12-4F5	**M760825**	**295.65**	**QC**		**M760125 Pulp: REE/C Blank**	0.15	0.01	9.62	2.5	3090	4.89	0.01	4.12
Z12-4F5	**M760826**	295.65	297.95	2.30	fine grained mafic dyke; trace pyrite	0.11	0.08	7.86	4.7	80	6.04	0.09	1.04
Z12-4F5	**M760827**	297.95	301.00	3.05	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.18	0.06	6.99	2.4	500	3.51	0.14	0.88
Z12-4F5	**M760828**	301.00	304.00	3.00	mafic dyke and syenite; trace pyrite	0.11	0.08	8.25	4.5	350	6.22	0.26	1.29
Z12-4F5	**M760829**	304.00	307.00	3.00	mafic dyke and syenite, carbonate veins; trace pyrite	0.33	0.11	8.55	6.2	250	5.88	0.09	1.46
Z12-4F5	**M760830**	307.00	310.00	3.00	mafic dyke and syenite, carbonate veins, strongly fracture fault zone;trace pyrite	0.54	0.07	7.8	6.2	250	7.07	0.43	2.27
Z12-4F5	**M760831**	310.00	313.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.8	0.07	6.91	2.8	630	6.82	0.06	1.09
Z12-4F5	**M760832**	313.00	316.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.35	0.05	7.24	1.7	580	5.06	0.08	1.07
Z12-4F5	**M760833**	316.00	318.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.83	0.08	7.54	4.3	490	4.1	0.1	1.44

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%
Z12-4F5	**M760834**	318.00	321.00	3.00	mafic dyke, medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.2	0.08	8.43	2.7	190	7.37	0.07	1.29
Z12-4F5	**M760835**	321.00	324.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.5	0.06	6.8	2.2	510	2.17	0.09	0.86
Z12-4F5	**M760836**	324.00	326.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.37	0.06	6.09	2.3	390	6.71	0.04	0.99
					END OF HOLE								

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm
Z12-4F5	**M760698**	42.64	44.17	1.53	Basal ordovician orthoquartzite/wacke	<0.02	31.7	8.8	27	2.11	23.9	1.36	8.92
Z12-4F5	**M760699**	44.17	46.00	1.83	graphitic brecciated granite	0.2	67.4	5.1	9	3.78	37.9	1.66	17
Z12-4F5	**M760700**	**46.00**	**QC**		**J600092 Pulp 3.33% C (med)**	0.04	38.1	2.8	15	2.13	10.6	1.44	19.15
Z12-4F5	**M760701**	46.00	48.00	2.00	graphitic brecciated granite	<0.02	401	3.5	15	4.4	13.2	1.31	19.45
Z12-4F5	**M760702**	48.00	50.00	2.00	graphitic brecciated granite	<0.02	148	3.4	41	5.78	8.8	0.79	21.9
Z12-4F5	**M760703**	50.00	52.00	2.00	graphitic brecciated granite	0.02	177.5	2.8	13	3.44	7.3	0.94	16.95
Z12-4F5	**M760704**	52.00	54.00	2.00	graphitic brecciated granite	0.02	198.5	3.2	30	9.5	3.5	1.46	19.35
Z12-4F5	**M760705**	54.00	56.00	2.00	graphitic brecciated granite	0.03	146.5	2.7	18	5.76	5	1.09	16.45
Z12-4F5	**M760706**	56.00	58.00	2.00	graphitic brecciated granite	0.02	63.2	2.2	5	3.69	6.1	1.14	15.45
Z12-4F5	**M760707**	58.00	60.00	2.00	graphitic brecciated granite	<0.02	131	2.8	29	7.95	11.9	1.29	21.1
Z12-4F5	**M760709**	60.00	62.00	2.00	graphitic brecciated granite	<0.02	51.6	2.9	12	6.34	5.8	1.15	19.65
Z12-4F5	**M760710**	62.00	64.00	2.00	graphitic brecciated granite	<0.02	36.2	1.3	6	3.88	4.9	0.58	18.35
Z12-4F5	**M760711**	64.00	66.00	2.00	graphitic brecciated granite	<0.02	32.8	0.9	11	4.38	3.7	0.71	15.9
Z12-4F5	**M760712**	66.00	68.00	2.00	graphitic brecciated granite	0.02	80.1	3.8	208	15.95	3.2	1.74	18.95
Z12-4F5	**M760713**	68.00	70.00	2.00	graphitic brecciated granite	<0.02	30.1	0.9	8	4.34	4	0.67	18.3
Z12-4F5	**M760714**	70.00	72.00	2.00	graphitic brecciated granite	0.02	34.1	0.9	10	5.41	6.4	0.63	17.85
Z12-4F5	**M760715**	72.00	74.00	2.00	graphitic brecciated granite	0.03	32.4	1.7	15	4.01	6.5	0.6	18.95
Z12-4F5	**M760716**	74.00	76.00	2.00	graphitic brecciated granite	<0.02	26.8	0.6	19	4.23	3.3	0.51	19.5
Z12-4F5	**M760717**	76.00	78.00	2.00	graphitic brecciated granite	<0.02	26.4	0.5	9	2.76	6	0.58	19.55
Z12-4F5	**M760718**	78.00	80.00	2.00	graphitic brecciated granite	0.02	26.5	0.5	9	2.5	3.8	0.54	18.95
Z12-4F5	**M760719**	80.00	82.00	2.00	graphitic brecciated granite	0.02	29.9	0.7	10	3.33	6	0.58	19.55
Z12-4F5	**M760720**	82.00	84.00	2.00	graphitic brecciated granite	0.02	29.1	0.9	9	1.9	5.7	0.45	18.75
Z12-4F5	**M760721**	84.00	86.00	2.00	graphitic brecciated granite	0.02	31.4	0.6	10	2.89	4.4	0.57	19
Z12-4F5	**M760722**	86.00	88.00	2.00	graphitic brecciated granite	0.02	32.7	0.9	7	5.47	4.5	0.68	18.35
Z12-4F5	**M760723**	88.00	90.00	2.00	graphitic brecciated granite	0.03	32.8	0.8	20	4.24	6.3	0.68	19.75
Z12-4F5	**M760724**	90.00	92.00	2.00	graphitic brecciated granite	0.02	27.8	2.5	68	10.8	5.3	1.04	18.65
Z12-4F5	**M760725**	**92.00**	**QC**		**J600104 Pulp 6.86% C (high)**	0.04	50.5	3.6	25	1.51	9.4	1.67	18.15
Z12-4F5	**M760726**	92.00	94.00	2.00	graphitic brecciated granite	0.03	24.6	1.3	10	1.82	7.5	0.51	18.65
Z12-4F5	**M760727**	94.00	96.00	2.00	graphitic brecciated granite	0.02	30.5	0.7	9	2.05	4.4	0.49	18.45

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm
Z12-4F5	**M760728**	96.00	98.00	2.00	graphitic brecciated granite	0.02	33.3	0.8	8	3.25	6.3	0.6	18.8
Z12-4F5	**M760729**	98.00	100.00	2.00	graphitic brecciated granite	0.03	30.3	2.8	15	2.78	7.4	0.67	18.55
Z12-4F5	**M760730**	100.00	102.00	2.00	graphitic brecciated granite	0.02	30.6	0.8	9	2.55	3.7	0.59	17.55
Z12-4F5	**M760731**	102.00	104.00	2.00	graphitic brecciated granite	0.03	42.6	0.8	10	2.01	8.5	0.62	19.25
Z12-4F5	**M760732**	104.00	106.00	2.00	graphitic brecciated granite	0.02	28.6	0.9	10	1.66	4	0.56	18.5
Z12-4F5	**M760733**	106.00	108.00	2.00	graphitic brecciated granite	0.02	29.8	1	10	2.02	5.3	0.67	18.4
Z12-4F5	**M760734**	108.00	110.00	2.00	graphitic brecciated granite	0.02	27.4	1	10	1.98	4.7	0.62	17.15
Z12-4F5	**M760735**	110.00	112.00	2.00	graphitic brecciated granite	0.03	30.6	1.2	9	3.75	5.4	0.75	17.5
Z12-4F5	**M760736**	112.00	114.00	2.00	graphitic brecciated granite	0.03	28.7	0.9	8	2.86	4.2	0.63	17.6
Z12-4F5	**M760737**	114.00	116.00	2.00	graphitic brecciated granite	0.02	29.7	1.4	12	2.02	5.3	0.92	17.25
Z12-4F5	**M760738**	116.00	118.00	2.00	graphitic brecciated granite	0.06	43	5.6	41	5.36	11	1.5	18.1
Z12-4F5	**M760739**	118.00	120.00	2.00	graphitic brecciated granite	0.03	28.4	1.3	14	2.43	6.8	0.92	17.35
Z12-4F5	**M760740**	120.00	122.00	2.00	graphitic brecciated granite	0.03	29.3	1.2	9	2.31	5.2	0.76	17.05
Z12-4F5	**M760741**	122.00	124.00	2.00	graphitic brecciated granite	0.03	31.3	1.4	11	2.35	6.3	0.79	18.15
Z12-4F5	**M760742**	124.00	126.00	2.00	graphitic brecciated granite	0.02	35.6	2.6	32	4.5	6.8	1.08	17.25
Z12-4F5	**M760743**	126.00	128.00	2.00	graphitic brecciated granite	0.02	27.6	1.5	11	2.23	5.1	0.8	18.05
Z12-4F5	**M760744**	128.00	130.00	2.00	graphitic brecciated granite	0.03	29.8	1.3	12	2.43	5.5	0.75	16.9
Z12-4F5	**M760745**	130.00	132.00	2.00	graphitic brecciated granite	0.03	42.1	2.8	21	3.63	10.5	1.27	17.1
Z12-4F5	**M760746**	132.00	134.12	2.12	intermediate dyke	0.15	298	0.5	5	5.53	3.4	3.86	25
Z12-4F5	**M760747**	134.12	136.00	1.88	graphitic overprinted granite	0.04	28.4	1.2	8	2.56	4.7	1.04	18
Z12-4F5	**M760748**	136.00	137.95	1.95	graphitic overprinted granite	0.07	40.3	1.4	10	2.2	10.2	1.03	20
Z12-4F5	**M760749**	137.95	139.86	1.91	dark graphitic brecciated granite	0.03	31.4	1.3	9	1.93	7.3	1.02	17.7
Z12-4F5	**M760750**	**139.86**	**QC**		**M760125 Pulp: REE/C Blank**	0.06	360	11.3	2	1.82	45.8	6.81	29.8
Z12-4F5	**M760751**	139.86	141.82	1.96	dark graphitic brecciated granite	0.04	50	1.3	19	2.47	6.6	1	16.65
Z12-4F5	**M760752**	141.82	143.79	1.97	graphitic overprinted granite	0.13	34.5	1.1	10	1.73	5.9	1.11	16.55
Z12-4F5	**M760753**	143.79	146.00	2.21	dark graphitic weakly brecciated granite	0.04	33.4	1.7	11	2.07	11	1.04	17.95
Z12-4F5	**M760754**	146.00	148.00	2.00	dark graphitic weakly brecciated granite	0.03	54.3	2.3	17	2.49	9.3	1.08	18.1
Z12-4F5	**M760755**	148.00	150.00	2.00	dark graphitic weakly brecciated granite	0.02	28.7	2.2	20	2.47	8	1.12	17.65
Z12-4F5	**M760756**	150.00	152.00	2.00	dark graphitic weakly brecciated granite	0.02	37.9	2.1	28	3.37	7.8	1.11	18.55

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm
Z12-4F5	**M760757**	152.00	154.00	2.00	dark graphitic weakly brecciated granite	0.03	33.2	2	10	2.08	6.5	0.81	18.4
Z12-4F5	**M760758**	154.00	156.00	2.00	dark graphitic weakly brecciated granite	0.04	31.7	1.5	11	2.22	6.3	0.72	17.9
Z12-4F5	**M760759**	156.00	158.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	0.02	36.5	10.9	185	16.9	8.9	2.58	21.3
Z12-4F5	**M760760**	158.00	160.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	0.03	35.9	4.6	65	7.12	6.4	1.35	19.95
Z12-4F5	**M760761**	160.00	162.00	2.00	dark graphitic weakly brecciated granite	0.05	35.3	2.8	38	3.71	8.3	1.17	18.9
Z12-4F5	**M760762**	162.00	164.00	2.00	dark graphitic weakly brecciated granite	0.04	35.1	3.2	24	3.29	7.5	1.12	18.5
Z12-4F5	**M760763**	164.00	166.00	2.00	dark graphitic weakly brecciated granite	0.04	35.6	1.9	13	3.03	8.5	1	19.65
Z12-4F5	**M760764**	166.00	168.00	2.00	dark graphitic weakly brecciated granite	0.04	41	3.8	10	3.57	13	1.14	21.7
Z12-4F5	**M760765**	168.00	170.00	2.00	dark graphitic weakly brecciated granite	0.06	36.3	2	11	3.4	7.9	1.37	20.6
Z12-4F5	**M760766**	170.00	172.00	2.00	dark graphitic weakly brecciated granite	0.04	37	1.7	11	2.89	8.6	0.97	19.9
Z12-4F5	**M760767**	172.00	174.00	2.00	dark graphitic weakly brecciated granite	0.04	34.5	2.3	16	3.07	8.7	1.09	17.7
Z12-4F5	**M760768**	174.00	176.00	2.00	dark graphitic weakly brecciated granite	0.06	29.9	2.6	19	3.32	9.3	1.1	16.85
Z12-4F5	**M760769**	176.00	178.00	2.00	dark graphitic weakly brecciated granite	0.04	38.3	2	16	2.47	9.9	1.09	19.75
Z12-4F5	**M760770**	178.00	180.00	2.00	dark graphitic weakly brecciated granite	0.04	61.7	2.3	13	2.01	12.7	1.21	18.85
Z12-4F5	**M760771**	180.00	182.00	2.00	dark graphitic weakly brecciated granite	0.04	140	1.6	8	1.64	8.3	0.99	19.25
Z12-4F5	**M760772**	182.00	183.61	1.61	dark graphitic unbrecciated granite	0.04	59.4	1.6	11	1.61	8.2	1.01	19.25
Z12-4F5	**M760773**	183.61	184.23	0.62	syenitic dyke	0.41	>500	1	6	19.4	4.4	2.4	39
Z12-4F5	**M760774**	184.23	186.00	1.77	dark graphitic weakly brecciated granite	0.06	113	3.2	68	4.47	8.8	1.92	18.95
Z12-4F5	**M760775**	**186.00**	**QC**		**J600092 Pulp 3.33% C (med)**	0.04	38.3	3.2	16	2.14	11	1.43	20.3
Z12-4F5	**M760776**	186.00	187.25	1.25	dark graphitic weakly brecciated granite	0.04	198.5	1.7	9	2.16	8.1	0.96	20.4
Z12-4F5	**M760777**	187.25	188.50	1.25	dark graphitic weakly brecciated granite	0.04	31	2	12	2.31	7.8	1.03	19.7
Z12-4F5	**M760778**	188.50	189.75	1.25	dark graphitic weakly brecciated granite	0.05	36.3	3.6	34	3.41	7.5	1.23	19.7
Z12-4F5	**M760779**	189.75	191.00	1.25	dark graphitic weakly brecciated granite	0.04	33.8	3.6	36	4.16	7.5	1.24	20.1
Z12-4F5	**M760780**	191.00	193.00	2.00	Fault zone in dark graphitic weakly brecciated granite	0.03	212	2.9	23	2.29	7.6	1	21.2
Z12-4F5	**M760781**	193.00	195.00	2.00	dark graphitic weakly brecciated granite	0.02	>500	2.2	25	1.79	7	1.05	28.8
Z12-4F5	**M760782**	195.00	197.00	2.00	dark graphitic weakly brecciated granite	0.04	115	10.7	156	13.45	8.8	2.33	20.2
Z12-4F5	**M760783**	197.00	199.00	2.00	light grey graphitic brecciated granite	0.03	498	6.4	131	3.93	6.6	1.51	22.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm
Z12-4F5	**M760784**	199.00	201.00	2.00	light grey graphitic brecciated granite	0.06	108	8.3	82	4.83	9.5	2.18	20.5
Z12-4F5	**M760785**	201.00	202.64	1.64	light grey graphitic brecciated granite	0.02	76.4	1.6	10	1.66	7.2	1.05	19.85
Z12-4F5	**M760786**	202.64	204.00	1.36	dark graphitic weakly brecciated granite	0.02	44	1.6	8	1.42	9.6	0.93	16.15
Z12-4F5	**M760787**	204.00	206.00	2.00	dark graphitic weakly brecciated granite	0.03	70.9	1.6	11	1.23	8	1.1	18.9
Z12-4F5	**M760788**	206.00	207.50	1.50	light grey graphitic brecciated granite	0.03	30.9	1.6	10	1.65	7.6	1.08	20.6
Z12-4F5	**M760789**	207.50	208.00	0.50	dark graphitic weakly brecciated granite with 20% submetallic dark grey veins/stringers 1mm to several mm wide	0.05	29.4	1.3	7	1.43	8.8	1	17.55
Z12-4F5	**M760790**	208.00	208.76	0.76	unbrecciated granite	0.07	35.9	1.5	6	1.91	9	1.13	19.5
Z12-4F5	**M760791**	208.76	211.00	2.24	dark graphitic weakly brecciated granite	0.05	47.5	2.7	29	2.02	9.7	1.34	16.9
Z12-4F5	**M760792**	211.00	212.80	1.80	dark graphitic weakly brecciated granite	0.06	75.9	2.4	16	1.83	10.5	1.25	17.55
Z12-4F5	**M760793**	212.80	214.30	1.50	dark graphitic weakly brecciated granite	0.06	43.1	1.7	12	1.47	9.5	1.02	17.4
Z12-4F5	**M760794**	214.30	216.00	1.70	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.08	35.8	1.5	10	2.19	10	1.05	19.65
Z12-4F5	**M760795**	216.00	219.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.07	33.9	1.3	13	2.86	12.3	1.21	18.5
Z12-4F5	**M760796**	219.00	222.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.09	33.1	1.3	10	2.44	12.8	1.05	19.2
Z12-4F5	**M760797**	222.00	225.10	3.10	Two short fault zones in medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.03	25.6	0.9	11	1.85	6.2	0.74	16.8
Z12-4F5	**M760798**	225.10	228.00	2.90	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.2	44.8	1.4	9	2	12.3	1	21.5
Z12-4F5	**M760799**	228.00	231.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.08	41.3	1.4	14	1.85	15.8	1.1	18.95

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm
Z12-4F5	**M760800**	**231.00**	**QC**		**J600104 Pulp 6.86% C (high)**	0.04	51.4	3.6	26	1.86	11.2	1.64	16.95
Z12-4F5	**M760801**	231.00	234.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.05	37.9	1.4	12	1.87	11.4	1.09	19
Z12-4F5	**M760802**	234.00	237.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.06	77.4	1.5	12	1.77	6.6	1.22	18.9
Z12-4F5	**M760803**	237.00	240.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.07	95.9	0.8	22	2.24	11	0.68	18.95
Z12-4F5	**M760804**	240.00	243.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.09	21.6	1.1	19	2.33	11.4	1.01	17.5
Z12-4F5	**M760805**	243.00	246.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.05	23.6	1.2	13	2.22	11.6	1.04	18.3
Z12-4F5	**M760806**	246.00	249.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.04	150	1.1	14	1.66	7	1.06	18.35
Z12-4F5	**M760807**	249.00	252.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.06	179.5	1.4	15	2.24	9	1.18	20.1
Z12-4F5	**M760808**	252.00	255.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.2	85.8	1.4	16	2.56	14.2	1.17	19.95
Z12-4F5	**M760809**	255.00	258.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins). Contains small intermediate dyke.	0.08	54.8	2.6	30	2.06	7.6	1.8	18.15

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm
Z12-4F5	**M760810**	258.00	261.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.11	38.6	1.6	16	1.99	10.1	1.05	18.1
Z12-4F5	**M760811**	261.00	264.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.14	40.6	1.3	15	1.87	8	1.23	18.4
Z12-4F5	**M760812**	264.00	267.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.04	31.6	1.4	15	1.62	5.9	1.1	18.4
Z12-4F5	**M760813**	267.00	270.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.06	117.5	3.8	43	3.22	22.1	1.55	20.8
Z12-4F5	**M760814**	270.00	273.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.07	38.4	1.4	13	1.76	10	1.14	18.1
Z12-4F5	**M760815**	273.00	275.51	2.51	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.16	34.2	1.4	10	2.54	15.8	1.11	19.05
Z12-4F5	**M760816**	275.51	276.49	0.98	dark grey chlorite biotite schist; graphitic overprint	0.04	252	37.2	497	14.4	30	5.42	20.7
Z12-4F5	**M760817**	276.49	278.67	2.18	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.1	39.7	3.5	27	2.09	16.3	0.98	18.4
Z12-4F5	**M760818**	278.67	280.11	1.44	dark grey chlorite biotite schist; graphitic overprint	0.11	75.6	35.3	696	12.85	12.3	5.25	24.8
Z12-4F5	**M760819**	280.11	283.00	2.89	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.08	53.2	19.4	401	6.58	21.4	3.39	15.7
Z12-4F5	**M760820**	283.00	286.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.33	263	3.4	36	5.35	17.6	3.43	27

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm
Z12-4F5	**M760821**	286.00	289.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.19	303	1.1	21	6.37	14.3	3.25	26.4
Z12-4F5	**M760822**	289.00	291.27	2.27	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.03	32.8	2.1	16	1.22	18.1	1.09	16.25
Z12-4F5	**M760823**	291.27	293.55	2.28	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.05	81.4	1.6	12	1.43	19.1	1.29	17.3
Z12-4F5	**M760824**	293.55	295.65	2.10	fine grained mafic dyke; trace pyrite	0.13	222	0.8	9	3.78	7.6	3.91	23.3
Z12-4F5	**M760825**	**295.65**	**QC**		**M760125 Pulp: REE/C Blank**	0.05	353	10.6	2	1.73	42.6	7.12	27.3
Z12-4F5	**M760826**	295.65	297.95	2.30	fine grained mafic dyke; trace pyrite	0.18	220	0.6	6	4.63	5.6	3.73	26.1
Z12-4F5	**M760827**	297.95	301.00	3.05	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.13	91.8	1	8	3.18	9.8	1.49	21
Z12-4F5	**M760828**	301.00	304.00	3.00	mafic dyke and syenite; trace pyrite	0.18	219	1	7	5.15	10.8	4.17	26
Z12-4F5	**M760829**	304.00	307.00	3.00	mafic dyke and syenite, carbonate veins; trace pyrite	0.17	226	1.2	6	4.82	14.2	4.07	26.2
Z12-4F5	**M760830**	307.00	310.00	3.00	mafic dyke and syenite, carbonate veins, strongly fracture fault zone;trace pyrite	0.15	218	0.8	5	3.02	10.5	3.55	24.9
Z12-4F5	**M760831**	310.00	313.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.13	94.8	1.3	13	1.6	15.9	1.16	18.15
Z12-4F5	**M760832**	313.00	316.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.09	56.4	1.4	13	1.83	11.6	1.21	19.3
Z12-4F5	**M760833**	316.00	318.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.12	46.1	3.1	16	2.71	17.4	1.49	19

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm
Z12-4F5	**M760834**	318.00	321.00	3.00	mafic dyke, medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.43	210	1	7	4.74	13.5	3.62	26.7
Z12-4F5	**M760835**	321.00	324.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.06	34	1.6	12	2	15.1	1.11	17.6
Z12-4F5	**M760836**	324.00	326.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.07	287	0.8	17	1.63	8.6	0.88	17.5
					END OF HOLE								

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm
Z12-4F5	**M760698**	42.64	44.17	1.53	Basal ordovician orthoquartzite/wacke	0.09	3.1	0.025	4.66	11.4	13.2	5.39	643
Z12-4F5	**M760699**	44.17	46.00	1.83	graphitic brecciated granite	0.1	2.8	<0.005	5.94	51	25.8	0.29	125
Z12-4F5	**M760700**	**46.00**	**QC**		**J600092 Pulp 3.33% C (med)**	0.07	2.4	0.018	2.94	18.7	20.2	0.29	238
Z12-4F5	**M760701**	46.00	48.00	2.00	graphitic brecciated granite	0.36	2.7	0.009	5.94	227	45.4	0.43	113
Z12-4F5	**M760702**	48.00	50.00	2.00	graphitic brecciated granite	0.2	3	0.006	6.48	101.5	72.2	0.48	157
Z12-4F5	**M760703**	50.00	52.00	2.00	graphitic brecciated granite	0.22	8.6	0.006	5.76	100.5	57.8	0.84	213
Z12-4F5	**M760704**	52.00	54.00	2.00	graphitic brecciated granite	0.2	3.1	0.026	6.2	140.5	66.1	1.97	271
Z12-4F5	**M760705**	54.00	56.00	2.00	graphitic brecciated granite	0.17	2.4	0.019	5.86	76.6	45.5	1.34	213
Z12-4F5	**M760706**	56.00	58.00	2.00	graphitic brecciated granite	0.13	2.3	0.012	5.19	41.7	37.2	0.79	256
Z12-4F5	**M760707**	58.00	60.00	2.00	graphitic brecciated granite	0.12	3	0.017	5.33	81.1	76.1	0.88	162
Z12-4F5	**M760709**	60.00	62.00	2.00	graphitic brecciated granite	0.09	2.7	0.013	5.36	31.6	79.8	0.55	64
Z12-4F5	**M760710**	62.00	64.00	2.00	graphitic brecciated granite	0.1	2.2	0.007	4.84	21.1	36.1	0.21	53
Z12-4F5	**M760711**	64.00	66.00	2.00	graphitic brecciated granite	0.1	2.2	0.006	4.95	19.3	30.3	0.22	58
Z12-4F5	**M760712**	66.00	68.00	2.00	graphitic brecciated granite	0.13	2.9	0.024	5.64	51.6	76.5	0.73	146
Z12-4F5	**M760713**	68.00	70.00	2.00	graphitic brecciated granite	0.08	2.4	0.005	5.59	17	37.3	0.19	62
Z12-4F5	**M760714**	70.00	72.00	2.00	graphitic brecciated granite	0.13	2.5	0.008	5.32	20.4	27.6	0.17	64
Z12-4F5	**M760715**	72.00	74.00	2.00	graphitic brecciated granite	0.12	2.5	<0.005	5.86	18.4	28.5	0.15	85
Z12-4F5	**M760716**	74.00	76.00	2.00	graphitic brecciated granite	0.11	2.5	0.005	5.3	15.7	31.7	0.17	58
Z12-4F5	**M760717**	76.00	78.00	2.00	graphitic brecciated granite	0.1	2.5	<0.005	5.32	14.4	49.9	0.17	71
Z12-4F5	**M760718**	78.00	80.00	2.00	graphitic brecciated granite	0.12	2.4	<0.005	5.31	14.1	55.4	0.17	91
Z12-4F5	**M760719**	80.00	82.00	2.00	graphitic brecciated granite	0.12	2.4	0.005	5.27	16	46.1	0.12	87
Z12-4F5	**M760720**	82.00	84.00	2.00	graphitic brecciated granite	0.12	2.3	<0.005	4.35	16.1	29.5	0.07	62
Z12-4F5	**M760721**	84.00	86.00	2.00	graphitic brecciated granite	0.12	2.7	0.006	4.92	17.1	44	0.15	75
Z12-4F5	**M760722**	86.00	88.00	2.00	graphitic brecciated granite	0.13	2.5	0.006	5.35	17.6	41	0.18	94
Z12-4F5	**M760723**	88.00	90.00	2.00	graphitic brecciated granite	0.13	2.5	0.007	4.72	17.7	47.9	0.2	115
Z12-4F5	**M760724**	90.00	92.00	2.00	graphitic brecciated granite	0.12	2.3	0.009	4.62	14.7	57.5	0.42	206
Z12-4F5	**M760725**	**92.00**	**QC**		**J600104 Pulp 6.86% C (high)**	0.17	2.3	0.023	2.78	26.6	24	0.4	292
Z12-4F5	**M760726**	92.00	94.00	2.00	graphitic brecciated granite	0.11	2.5	<0.005	3.5	13.1	18.1	0.04	75
Z12-4F5	**M760727**	94.00	96.00	2.00	graphitic brecciated granite	0.11	2.5	<0.005	2.67	16.5	22.6	0.06	82

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm
Z12-4F5	**M760728**	96.00	98.00	2.00	graphitic brecciated granite	0.12	3	<0.005	2.92	17.6	31.1	0.09	82
Z12-4F5	**M760729**	98.00	100.00	2.00	graphitic brecciated granite	0.11	2.4	<0.005	3.46	16.5	29.5	0.08	105
Z12-4F5	**M760730**	100.00	102.00	2.00	graphitic brecciated granite	0.11	2.3	<0.005	3.55	17	31.6	0.1	68
Z12-4F5	**M760731**	102.00	104.00	2.00	graphitic brecciated granite	0.14	3.8	<0.005	3.27	21.9	27.4	0.08	93
Z12-4F5	**M760732**	104.00	106.00	2.00	graphitic brecciated granite	0.12	2.3	<0.005	3.03	15.5	26.1	0.08	84
Z12-4F5	**M760733**	106.00	108.00	2.00	graphitic brecciated granite	0.13	2.5	<0.005	3.45	16.2	31	0.12	83
Z12-4F5	**M760734**	108.00	110.00	2.00	graphitic brecciated granite	0.12	2.2	<0.005	4.27	15.1	37.1	0.17	68
Z12-4F5	**M760735**	110.00	112.00	2.00	graphitic brecciated granite	0.13	2.3	0.005	4.49	16.5	46.5	0.23	89
Z12-4F5	**M760736**	112.00	114.00	2.00	graphitic brecciated granite	0.13	2.1	<0.005	4.68	16	45.8	0.19	72
Z12-4F5	**M760737**	114.00	116.00	2.00	graphitic brecciated granite	0.13	2.3	<0.005	4.21	15.7	40	0.19	107
Z12-4F5	**M760738**	116.00	118.00	2.00	graphitic brecciated granite	0.17	2.2	0.013	4	21.1	75.2	0.65	194
Z12-4F5	**M760739**	118.00	120.00	2.00	graphitic brecciated granite	0.12	2.2	<0.005	3.63	15.2	36.9	0.16	99
Z12-4F5	**M760740**	120.00	122.00	2.00	graphitic brecciated granite	0.13	2.3	<0.005	3.12	15.6	31.2	0.12	98
Z12-4F5	**M760741**	122.00	124.00	2.00	graphitic brecciated granite	0.13	2.5	<0.005	3.56	16.3	30.7	0.12	137
Z12-4F5	**M760742**	124.00	126.00	2.00	graphitic brecciated granite	0.15	2.3	0.006	3.18	17.3	48.3	0.37	156
Z12-4F5	**M760743**	126.00	128.00	2.00	graphitic brecciated granite	0.13	2.1	<0.005	3.41	14.9	29.6	0.1	75
Z12-4F5	**M760744**	128.00	130.00	2.00	graphitic brecciated granite	0.12	2.5	<0.005	3.06	16	33.8	0.11	85
Z12-4F5	**M760745**	130.00	132.00	2.00	graphitic brecciated granite	0.14	2.2	0.01	2.89	20.7	63.7	0.32	162
Z12-4F5	**M760746**	132.00	134.12	2.12	intermediate dyke	0.48	13.5	0.13	4.11	142.5	16.6	0.09	1100
Z12-4F5	**M760747**	134.12	136.00	1.88	graphitic overprinted granite	0.14	2.5	0.007	2.97	15.1	47.2	0.11	288
Z12-4F5	**M760748**	136.00	137.95	1.95	graphitic overprinted granite	0.14	3.2	0.026	2.83	23.3	36.2	0.09	308
Z12-4F5	**M760749**	137.95	139.86	1.91	dark graphitic brecciated granite	0.14	2.4	0.017	2.8	16.9	31.1	0.1	199
Z12-4F5	**M760750**	**139.86**	**QC**		**M760125 Pulp: REE/C Blank**	0.36	10.7	0.086	3.01	180	23.8	0.91	1420
Z12-4F5	**M760751**	139.86	141.82	1.96	dark graphitic brecciated granite	0.14	2	0.014	2.58	30.3	36.8	0.2	203
Z12-4F5	**M760752**	141.82	143.79	1.97	graphitic overprinted granite	0.13	2.1	0.01	3.21	18.3	33.3	0.1	304
Z12-4F5	**M760753**	143.79	146.00	2.21	dark graphitic weakly brecciated granite	0.06	2.3	0.005	2.69	18.5	24.5	0.12	204
Z12-4F5	**M760754**	146.00	148.00	2.00	dark graphitic weakly brecciated granite	0.1	2.2	0.007	2.78	30.1	28.1	0.16	171
Z12-4F5	**M760755**	148.00	150.00	2.00	dark graphitic weakly brecciated granite	0.08	1.9	0.007	2.79	15.5	29.1	0.19	180
Z12-4F5	**M760756**	150.00	152.00	2.00	dark graphitic weakly brecciated granite	0.09	2.2	0.01	3.37	20.4	40	0.33	218

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm
Z12-4F5	**M760757**	152.00	154.00	2.00	dark graphitic weakly brecciated granite	0.09	2.5	<0.005	3.52	17.8	28.7	0.15	152
Z12-4F5	**M760758**	154.00	156.00	2.00	dark graphitic weakly brecciated granite	0.09	2.1	0.006	3.49	17.4	35.4	0.15	141
Z12-4F5	**M760759**	156.00	158.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	0.11	2.5	0.036	3.2	19.1	105	1.76	642
Z12-4F5	**M760760**	158.00	160.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	0.1	2.3	0.016	2.49	19.1	58.3	0.65	356
Z12-4F5	**M760761**	160.00	162.00	2.00	dark graphitic weakly brecciated granite	0.1	2.3	0.015	2.97	18.9	29.6	0.3	353
Z12-4F5	**M760762**	162.00	164.00	2.00	dark graphitic weakly brecciated granite	0.09	2.2	0.012	2.6	19	32.8	0.28	245
Z12-4F5	**M760763**	164.00	166.00	2.00	dark graphitic weakly brecciated granite	0.11	2.4	0.008	3.03	19	37.4	0.18	205
Z12-4F5	**M760764**	166.00	168.00	2.00	dark graphitic weakly brecciated granite	0.1	2.1	0.009	2.52	21	36.4	0.25	238
Z12-4F5	**M760765**	168.00	170.00	2.00	dark graphitic weakly brecciated granite	0.1	2.5	0.007	2.99	19.2	30.8	0.17	235
Z12-4F5	**M760766**	170.00	172.00	2.00	dark graphitic weakly brecciated granite	0.1	2.6	0.006	2.8	19	26.7	0.13	227
Z12-4F5	**M760767**	172.00	174.00	2.00	dark graphitic weakly brecciated granite	0.09	2.2	0.009	2.44	18.6	27.7	0.2	277
Z12-4F5	**M760768**	174.00	176.00	2.00	dark graphitic weakly brecciated granite	0.09	2.2	0.013	2.57	15.7	31.6	0.17	254
Z12-4F5	**M760769**	176.00	178.00	2.00	dark graphitic weakly brecciated granite	0.1	2.2	0.008	2.42	21.4	38.5	0.15	256
Z12-4F5	**M760770**	178.00	180.00	2.00	dark graphitic weakly brecciated granite	0.15	2.3	0.007	2.21	27.9	61	0.15	302
Z12-4F5	**M760771**	180.00	182.00	2.00	dark graphitic weakly brecciated granite	0.24	2.4	0.007	2.37	65.2	66.6	0.1	379
Z12-4F5	**M760772**	182.00	183.61	1.61	dark graphitic unbrecciated granite	0.18	2.6	0.006	2.54	25.1	68.3	0.1	304
Z12-4F5	**M760773**	183.61	184.23	0.62	syenitic dyke	1.4	30.5	0.08	2.69	660	52.6	0.05	1510
Z12-4F5	**M760774**	184.23	186.00	1.77	dark graphitic weakly brecciated granite	0.17	2.4	0.016	2.51	62.9	206	0.58	519
Z12-4F5	**M760775**	**186.00**	**QC**		**J600092 Pulp 3.33% C (med)**	0.11	2.3	0.019	2.9	19.5	19.3	0.3	231
Z12-4F5	**M760776**	186.00	187.25	1.25	dark graphitic weakly brecciated granite	0.28	2.6	0.006	2.67	91.8	38.8	0.11	274
Z12-4F5	**M760777**	187.25	188.50	1.25	dark graphitic weakly brecciated granite	0.1	2.6	0.006	2.86	16.5	36.7	0.16	175
Z12-4F5	**M760778**	188.50	189.75	1.25	dark graphitic weakly brecciated granite	0.11	2.3	0.014	2.6	18.4	61.1	0.43	315
Z12-4F5	**M760779**	189.75	191.00	1.25	dark graphitic weakly brecciated granite	0.11	1.9	0.015	2.13	17	66.5	0.48	374
Z12-4F5	**M760780**	191.00	193.00	2.00	Fault zone in dark graphitic weakly brecciated granite	0.26	2.5	0.009	3.23	112.5	84.7	0.39	310
Z12-4F5	**M760781**	193.00	195.00	2.00	dark graphitic weakly brecciated granite	1.34	2.5	0.011	2	930	149	0.42	566
Z12-4F5	**M760782**	195.00	197.00	2.00	dark graphitic weakly brecciated granite	0.22	2.8	0.037	2.41	54.8	98.1	1.42	816
Z12-4F5	**M760783**	197.00	199.00	2.00	light grey graphitic brecciated granite	0.47	2.4	0.019	2.66	284	136.5	0.88	706

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm
Z12-4F5	**M760784**	199.00	201.00	2.00	light grey graphitic brecciated granite	0.17	2.6	0.02	2.46	61.7	74.3	1.03	572
Z12-4F5	**M760785**	201.00	202.64	1.64	light grey graphitic brecciated granite	0.16	2.6	0.006	3.09	33.8	70.4	0.18	255
Z12-4F5	**M760786**	202.64	204.00	1.36	dark graphitic weakly brecciated granite	0.12	2.4	<0.005	3.09	21.2	39.8	0.19	218
Z12-4F5	**M760787**	204.00	206.00	2.00	dark graphitic weakly brecciated granite	0.17	2.5	0.007	2.5	30.3	54.2	0.14	284
Z12-4F5	**M760788**	206.00	207.50	1.50	light grey graphitic brecciated granite	0.11	2.8	0.006	2.82	16.9	35.6	0.11	285
Z12-4F5	**M760789**	207.50	208.00	0.50	dark graphitic weakly brecciated granite with 20% submetallic dark grey veins/stringers 1mm to several mm wide	0.11	2.1	0.02	2.67	15.4	43.8	0.1	400
Z12-4F5	**M760790**	208.00	208.76	0.76	unbrecciated granite	0.18	2.5	0.01	2.53	19	40.6	0.13	357
Z12-4F5	**M760791**	208.76	211.00	2.24	dark graphitic weakly brecciated granite	0.19	2.5	0.011	2.25	24.5	48.8	0.25	353
Z12-4F5	**M760792**	211.00	212.80	1.80	dark graphitic weakly brecciated granite	0.24	2.5	0.011	2.71	39.6	39.1	0.18	319
Z12-4F5	**M760793**	212.80	214.30	1.50	dark graphitic weakly brecciated granite	0.28	2.4	0.009	2.44	20.2	84.2	0.17	346
Z12-4F5	**M760794**	214.30	216.00	1.70	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.23	2.7	0.007	2.59	18	58.6	0.13	259
Z12-4F5	**M760795**	216.00	219.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.21	3.7	0.009	2.51	17.6	36.7	0.12	277
Z12-4F5	**M760796**	219.00	222.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.22	2.9	0.011	2.62	17.1	39.6	0.12	243
Z12-4F5	**M760797**	222.00	225.10	3.10	Two short fault zones in medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.23	2.1	<0.005	3.05	13.8	31.7	0.12	197
Z12-4F5	**M760798**	225.10	228.00	2.90	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.14	2.6	0.013	2.82	23.1	54.8	0.15	241
Z12-4F5	**M760799**	228.00	231.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.23	2.5	0.011	2.67	21.2	33.7	0.13	246

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm
Z12-4F5	**M760800**	**231.00**	**QC**		**J600104 Pulp 6.86% C (high)**	0.2	2.4	0.026	2.62	27.2	19.9	0.39	294
Z12-4F5	**M760801**	231.00	234.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.21	2.4	0.012	2.74	19.3	45.3	0.12	265
Z12-4F5	**M760802**	234.00	237.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.24	3.1	0.01	2.55	43.5	37.9	0.13	260
Z12-4F5	**M760803**	237.00	240.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.26	1.8	0.006	3.72	54.4	29.3	0.07	144
Z12-4F5	**M760804**	240.00	243.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.19	1.4	0.007	3.6	11.1	31.4	0.11	194
Z12-4F5	**M760805**	243.00	246.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.19	2.2	0.009	2.92	12.3	37.8	0.1	226
Z12-4F5	**M760806**	246.00	249.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.29	2.4	0.012	2.59	90.9	40.8	0.12	223
Z12-4F5	**M760807**	249.00	252.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.36	2.6	0.009	2.63	105.5	36.5	0.14	261
Z12-4F5	**M760808**	252.00	255.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.25	4.4	0.018	2.97	47.5	28.2	0.16	271
Z12-4F5	**M760809**	255.00	258.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins). Contains small intermediate dyke.	0.22	2.8	0.019	2.86	27.1	34.8	0.25	385

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm
Z12-4F5	**M760810**	258.00	261.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.19	2.4	0.011	2.91	19.1	38.5	0.16	241
Z12-4F5	**M760811**	261.00	264.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.17	3	0.014	3.1	21.3	38	0.13	331
Z12-4F5	**M760812**	264.00	267.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.15	2.7	0.01	2.57	17	38.1	0.12	283
Z12-4F5	**M760813**	267.00	270.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.33	4.2	0.03	2.95	53.4	54.7	0.4	317
Z12-4F5	**M760814**	270.00	273.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.16	2.3	0.016	2.7	19.4	32.4	0.15	276
Z12-4F5	**M760815**	273.00	275.51	2.51	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.16	2.4	0.014	2.91	18	24.6	0.14	260
Z12-4F5	**M760816**	275.51	276.49	0.98	dark grey chlorite biotite schist; graphitic overprint	0.8	2.9	0.108	2.62	97.1	181.5	6.46	1540
Z12-4F5	**M760817**	276.49	278.67	2.18	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.12	2.7	0.018	1.66	20.3	50.9	0.4	207
Z12-4F5	**M760818**	278.67	280.11	1.44	dark grey chlorite biotite schist; graphitic overprint	0.29	2.6	0.103	1.72	33.2	112	5.8	1320
Z12-4F5	**M760819**	280.11	283.00	2.89	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.18	2.4	0.026	1.98	25.4	59	2.75	706
Z12-4F5	**M760820**	283.00	286.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.48	9.4	0.082	3.72	130.5	38.6	0.44	1050

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm
Z12-4F5	**M760821**	286.00	289.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.47	10.7	0.064	3.74	153.5	32.7	0.14	1020
Z12-4F5	**M760822**	289.00	291.27	2.27	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.09	2.5	0.011	2.52	17.8	40.2	0.15	250
Z12-4F5	**M760823**	291.27	293.55	2.28	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.21	3.3	0.016	2.65	39.2	69.8	0.16	344
Z12-4F5	**M760824**	293.55	295.65	2.10	fine grained mafic dyke; trace pyrite	0.42	11	0.078	4.18	106.5	35.7	0.14	1190
Z12-4F5	**M760825**	**295.65**	**QC**		**M760125 Pulp: REE/C Blank**	0.37	9.6	0.082	2.95	192.5	23.8	0.92	1480
Z12-4F5	**M760826**	295.65	297.95	2.30	fine grained mafic dyke; trace pyrite	0.27	10.9	0.079	4.1	117.5	45.5	0.08	1300
Z12-4F5	**M760827**	297.95	301.00	3.05	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.17	5.2	0.03	3.19	52	41	0.17	354
Z12-4F5	**M760828**	301.00	304.00	3.00	mafic dyke and syenite; trace pyrite	0.31	10.8	0.095	4.27	119.5	39.7	0.17	1150
Z12-4F5	**M760829**	304.00	307.00	3.00	mafic dyke and syenite, carbonate veins; trace pyrite	0.32	10.3	0.085	4.51	122	36.6	0.24	1160
Z12-4F5	**M760830**	307.00	310.00	3.00	mafic dyke and syenite, carbonate veins, strongly fracture fault zone;trace pyrite	0.29	10.6	0.067	4.26	119.5	42	0.33	962
Z12-4F5	**M760831**	310.00	313.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.15	2	0.013	3.14	58.3	51	0.17	324
Z12-4F5	**M760832**	313.00	316.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.14	2.5	0.013	2.92	30.3	56.3	0.2	317
Z12-4F5	**M760833**	316.00	318.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.14	1.9	0.017	2.02	25.2	97.7	0.37	432

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm
Z12-4F5	**M760834**	318.00	321.00	3.00	mafic dyke, medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.27	10.8	0.073	4.49	109.5	45.1	0.23	937
Z12-4F5	**M760835**	321.00	324.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.1	2.5	0.012	2.38	21.3	40.8	0.2	235
Z12-4F5	**M760836**	324.00	326.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.34	2.4	0.013	2.58	153.5	53.9	0.12	390
					END OF HOLE								

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Mo_ppm	Na%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm
Z12-4F5	**M760698**	42.64	44.17	1.53	Basal ordovician orthoquartzite/wacke	1.8	0.05	9.8	14.3	690	24.1	66.2	0.002
Z12-4F5	**M760699**	44.17	46.00	1.83	graphitic brecciated granite	3.88	0.11	8.9	7.3	240	156	72	<0.002
Z12-4F5	**M760700**	**46.00**	**QC**		**J600092 Pulp 3.33% C (med)**	0.43	3.17	13.6	5.3	270	14.5	113.5	<0.002
Z12-4F5	**M760701**	46.00	48.00	2.00	graphitic brecciated granite	1.17	0.1	14.4	8.1	280	21.3	87.4	<0.002
Z12-4F5	**M760702**	48.00	50.00	2.00	graphitic brecciated granite	0.74	0.11	18.8	8.9	230	33.8	96.7	<0.002
Z12-4F5	**M760703**	50.00	52.00	2.00	graphitic brecciated granite	0.4	0.11	105	7	190	21.6	76.7	<0.002
Z12-4F5	**M760704**	52.00	54.00	2.00	graphitic brecciated granite	0.13	0.1	20.9	9.8	370	33.9	122	<0.002
Z12-4F5	**M760705**	54.00	56.00	2.00	graphitic brecciated granite	0.23	0.09	10.8	8.8	240	18.3	86.6	<0.002
Z12-4F5	**M760706**	56.00	58.00	2.00	graphitic brecciated granite	0.25	0.14	7.8	7.2	190	20	72.2	<0.002
Z12-4F5	**M760707**	58.00	60.00	2.00	graphitic brecciated granite	0.38	0.09	14.1	8.4	360	10.3	112.5	<0.002
Z12-4F5	**M760709**	60.00	62.00	2.00	graphitic brecciated granite	0.33	0.09	9.9	7.2	170	10.6	83.6	<0.002
Z12-4F5	**M760710**	62.00	64.00	2.00	graphitic brecciated granite	0.37	0.14	8.9	3.3	140	12.2	69.5	<0.002
Z12-4F5	**M760711**	64.00	66.00	2.00	graphitic brecciated granite	0.31	0.14	8.9	2.9	160	9.6	70.6	<0.002
Z12-4F5	**M760712**	66.00	68.00	2.00	graphitic brecciated granite	0.41	0.27	8	24.3	330	13.9	108.5	<0.002
Z12-4F5	**M760713**	68.00	70.00	2.00	graphitic brecciated granite	0.48	0.57	9.1	2.1	150	12.7	82.3	<0.002
Z12-4F5	**M760714**	70.00	72.00	2.00	graphitic brecciated granite	0.43	0.27	8.6	4.2	180	18.8	72.2	<0.002
Z12-4F5	**M760715**	72.00	74.00	2.00	graphitic brecciated granite	1.05	0.63	8	3	140	17	93.4	<0.002
Z12-4F5	**M760716**	74.00	76.00	2.00	graphitic brecciated granite	0.47	0.83	8.4	1.6	120	13.8	122	<0.002
Z12-4F5	**M760717**	76.00	78.00	2.00	graphitic brecciated granite	0.59	1.02	8.9	1.6	120	13.9	115	<0.002
Z12-4F5	**M760718**	78.00	80.00	2.00	graphitic brecciated granite	0.52	1.17	8.8	1.4	120	15.1	115.5	<0.002
Z12-4F5	**M760719**	80.00	82.00	2.00	graphitic brecciated granite	0.76	1.2	10.1	1.4	150	17.1	120.5	<0.002
Z12-4F5	**M760720**	82.00	84.00	2.00	graphitic brecciated granite	1.08	1.71	8	1.1	150	16.6	109.5	<0.002
Z12-4F5	**M760721**	84.00	86.00	2.00	graphitic brecciated granite	0.6	1.4	8.5	1.1	150	16.2	112.5	<0.002
Z12-4F5	**M760722**	86.00	88.00	2.00	graphitic brecciated granite	0.44	1.1	8.5	1.6	140	13.4	109.5	<0.002
Z12-4F5	**M760723**	88.00	90.00	2.00	graphitic brecciated granite	0.65	1.68	10.4	1.8	180	14	124	<0.002
Z12-4F5	**M760724**	90.00	92.00	2.00	graphitic brecciated granite	0.52	1.48	10.3	10.1	150	11.6	153.5	<0.002
Z12-4F5	**M760725**	**92.00**	**QC**		**J600104 Pulp 6.86% C (high)**	1.48	3.19	22.1	10.6	300	13.5	99.8	<0.002
Z12-4F5	**M760726**	92.00	94.00	2.00	graphitic brecciated granite	1.54	2.55	10.9	1.3	100	15.5	115	<0.002
Z12-4F5	**M760727**	94.00	96.00	2.00	graphitic brecciated granite	1.96	2.67	9.7	0.9	130	12.6	91.2	<0.002

CORE SAMPLES & ASSAYS

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Z12-4F5	**M760728**	96.00	98.00	2.00	graphitic brecciated granite	0.81	2.48	26.2	1.3	150	12.4	118	<0.002
Z12-4F5	**M760729**	98.00	100.00	2.00	graphitic brecciated granite	1.13	2.51	9.4	2.2	140	16	109	<0.002
Z12-4F5	**M760730**	100.00	102.00	2.00	graphitic brecciated granite	0.93	2.35	12	1.2	130	10.7	113	<0.002
Z12-4F5	**M760731**	102.00	104.00	2.00	graphitic brecciated granite	1.43	2.75	52.8	1.3	110	12.3	142.5	<0.002
Z12-4F5	**M760732**	104.00	106.00	2.00	graphitic brecciated granite	0.43	2.63	10.8	1.1	130	9.3	96.6	<0.002
Z12-4F5	**M760733**	106.00	108.00	2.00	graphitic brecciated granite	0.79	2.36	11.1	1.1	120	9.6	101.5	<0.002
Z12-4F5	**M760734**	108.00	110.00	2.00	graphitic brecciated granite	2.52	1.87	10.4	1.4	130	8.8	99	<0.002
Z12-4F5	**M760735**	110.00	112.00	2.00	graphitic brecciated granite	0.56	1.86	10	2	90	10.7	121	<0.002
Z12-4F5	**M760736**	112.00	114.00	2.00	graphitic brecciated granite	1.03	1.96	10	1.7	120	9.7	120.5	<0.002
Z12-4F5	**M760737**	114.00	116.00	2.00	graphitic brecciated granite	0.64	2.14	10	1.7	140	9.4	105.5	<0.002
Z12-4F5	**M760738**	116.00	118.00	2.00	graphitic brecciated granite	0.4	2.33	11.6	15.6	370	14.2	128.5	<0.002
Z12-4F5	**M760739**	118.00	120.00	2.00	graphitic brecciated granite	0.47	2.62	10.2	1.7	180	12.8	112	<0.002
Z12-4F5	**M760740**	120.00	122.00	2.00	graphitic brecciated granite	0.42	2.69	10.1	1.3	140	13.1	106.5	<0.002
Z12-4F5	**M760741**	122.00	124.00	2.00	graphitic brecciated granite	0.35	2.8	9.3	1.3	120	15.4	112.5	<0.002
Z12-4F5	**M760742**	124.00	126.00	2.00	graphitic brecciated granite	0.36	2.66	9.5	5.2	330	12.6	117	<0.002
Z12-4F5	**M760743**	126.00	128.00	2.00	graphitic brecciated granite	0.57	2.8	10.1	1.1	130	13.9	117.5	<0.002
Z12-4F5	**M760744**	128.00	130.00	2.00	graphitic brecciated granite	0.34	2.88	8.6	1	140	11.9	106.5	<0.002
Z12-4F5	**M760745**	130.00	132.00	2.00	graphitic brecciated granite	0.54	2.64	11.3	7.2	220	10.2	122.5	<0.002
Z12-4F5	**M760746**	132.00	134.12	2.12	intermediate dyke	5.29	4.26	221	0.9	150	19.8	222	<0.002
Z12-4F5	**M760747**	134.12	136.00	1.88	graphitic overprinted granite	0.39	3.1	10.4	1.5	130	22.4	122.5	<0.002
Z12-4F5	**M760748**	136.00	137.95	1.95	graphitic overprinted granite	1.88	3.03	26.9	2.3	100	23.9	143	<0.002
Z12-4F5	**M760749**	137.95	139.86	1.91	dark graphitic brecciated granite	1.86	2.85	7.2	1.4	150	14.2	113	<0.002
Z12-4F5	**M760750**	**139.86**	**QC**		**M760125 Pulp: REE/C Blank**	8.82	4.57	214	1.4	3030	16.9	133.5	<0.002
Z12-4F5	**M760751**	139.86	141.82	1.96	dark graphitic brecciated granite	3.53	2.61	10.3	4.5	190	12.1	107	<0.002
Z12-4F5	**M760752**	141.82	143.79	1.97	graphitic overprinted granite	0.21	3.13	8.9	1.4	110	25.2	106.5	<0.002
Z12-4F5	**M760753**	143.79	146.00	2.21	dark graphitic weakly brecciated granite	0.47	2.69	9.1	2.4	130	15.1	109.5	<0.002
Z12-4F5	**M760754**	146.00	148.00	2.00	dark graphitic weakly brecciated granite	1.13	2.69	14.2	6.6	110	14.6	99.6	<0.002
Z12-4F5	**M760755**	148.00	150.00	2.00	dark graphitic weakly brecciated granite	0.34	2.29	7.7	7.5	120	12.7	89.2	<0.002
Z12-4F5	**M760756**	150.00	152.00	2.00	dark graphitic weakly brecciated granite	0.31	2.37	14.1	7.3	320	12	120	<0.002

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Mo_ppm	Na%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm
Z12-4F5	**M760757**	152.00	154.00	2.00	dark graphitic weakly brecciated granite	0.32	2.33	6.4	3.5	100	12.3	103.5	<0.002
Z12-4F5	**M760758**	154.00	156.00	2.00	dark graphitic weakly brecciated granite	0.26	2.3	7.4	3	120	11.7	112	<0.002
Z12-4F5	**M760759**	156.00	158.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	0.4	1.99	31.8	99.8	260	13.9	223	<0.002
Z12-4F5	**M760760**	158.00	160.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	0.43	2.71	14.4	35.1	270	10.4	128.5	<0.002
Z12-4F5	**M760761**	160.00	162.00	2.00	dark graphitic weakly brecciated granite	0.58	2.81	27	11.3	190	12.5	114.5	<0.002
Z12-4F5	**M760762**	162.00	164.00	2.00	dark graphitic weakly brecciated granite	0.33	2.75	10.7	11.1	170	13.4	103	<0.002
Z12-4F5	**M760763**	164.00	166.00	2.00	dark graphitic weakly brecciated granite	2.25	2.66	12.4	3.6	130	16.4	112.5	<0.002
Z12-4F5	**M760764**	166.00	168.00	2.00	dark graphitic weakly brecciated granite	0.27	2.98	7.9	7.9	190	16.1	88.3	<0.002
Z12-4F5	**M760765**	168.00	170.00	2.00	dark graphitic weakly brecciated granite	0.34	3.01	8.4	3.3	160	20.8	119	<0.002
Z12-4F5	**M760766**	170.00	172.00	2.00	dark graphitic weakly brecciated granite	0.67	3.08	10.7	2.2	110	13.5	107	<0.002
Z12-4F5	**M760767**	172.00	174.00	2.00	dark graphitic weakly brecciated granite	0.29	2.72	10.7	5.4	150	13.4	86.5	<0.002
Z12-4F5	**M760768**	174.00	176.00	2.00	dark graphitic weakly brecciated granite	0.29	2.46	10.4	6.1	110	14.1	107.5	<0.002
Z12-4F5	**M760769**	176.00	178.00	2.00	dark graphitic weakly brecciated granite	0.28	3.04	11.4	3.7	110	16.4	88.2	<0.002
Z12-4F5	**M760770**	178.00	180.00	2.00	dark graphitic weakly brecciated granite	0.28	2.84	9.4	5.1	110	17.1	86.4	<0.002
Z12-4F5	**M760771**	180.00	182.00	2.00	dark graphitic weakly brecciated granite	0.41	3.11	8.5	1.6	130	13.4	109.5	<0.002
Z12-4F5	**M760772**	182.00	183.61	1.61	dark graphitic unbrecciated granite	0.41	3.16	16	2	110	15.5	117	<0.002
Z12-4F5	**M760773**	183.61	184.23	0.62	syenitic dyke	1.46	3.69	460	2.1	100	42.3	395	0.004
Z12-4F5	**M760774**	184.23	186.00	1.77	dark graphitic weakly brecciated granite	5.9	2.68	18.7	29.3	190	17.6	157	<0.002
Z12-4F5	**M760775**	**186.00**	**QC**		**J600092 Pulp 3.33% C (med)**	0.54	3.23	13.5	6.3	250	13.8	115.5	<0.002
Z12-4F5	**M760776**	186.00	187.25	1.25	dark graphitic weakly brecciated granite	0.43	2.96	9	1.5	120	18.6	105	<0.002
Z12-4F5	**M760777**	187.25	188.50	1.25	dark graphitic weakly brecciated granite	0.34	2.79	8.5	2.5	140	18	100.5	<0.002
Z12-4F5	**M760778**	188.50	189.75	1.25	dark graphitic weakly brecciated granite	0.39	2.83	16.5	15.6	250	17.6	120.5	<0.002
Z12-4F5	**M760779**	189.75	191.00	1.25	dark graphitic weakly brecciated granite	0.4	3.3	16.7	17.9	230	14.3	89.8	<0.002
Z12-4F5	**M760780**	191.00	193.00	2.00	Fault zone in dark graphitic weakly brecciated granite	1.2	2.77	11.4	10.1	240	14.6	112	<0.002
Z12-4F5	**M760781**	193.00	195.00	2.00	dark graphitic weakly brecciated granite	0.54	3.37	19.4	10.6	170	12.1	91.9	0.003
Z12-4F5	**M760782**	195.00	197.00	2.00	dark graphitic weakly brecciated granite	0.84	2.56	25.5	70.9	180	12.6	154	<0.002
Z12-4F5	**M760783**	197.00	199.00	2.00	light grey graphitic brecciated granite	0.56	3	13	43.3	230	15.1	134.5	0.002

CORE SAMPLES & ASSAYS

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Z12-4F5	**M760784**	199.00	201.00	2.00	light grey graphitic brecciated granite	1.21	2.93	10	19.9	310	24.8	100.5	<0.002
Z12-4F5	**M760785**	201.00	202.64	1.64	light grey graphitic brecciated granite	0.35	2.74	7.9	1.9	140	15.5	129.5	<0.002
Z12-4F5	**M760786**	202.64	204.00	1.36	dark graphitic weakly brecciated granite	0.39	2.24	6.3	2.7	60	10.8	90.9	<0.002
Z12-4F5	**M760787**	204.00	206.00	2.00	dark graphitic weakly brecciated granite	0.43	2.97	8.8	1.7	100	13.3	87.5	<0.002
Z12-4F5	**M760788**	206.00	207.50	1.50	light grey graphitic brecciated granite	0.52	2.85	6.5	1.4	110	20.8	117.5	<0.002
Z12-4F5	**M760789**	207.50	208.00	0.50	dark graphitic weakly brecciated granite with 20% submetallic dark grey veins/stringers 1mm to several mm wide	0.66	2.8	9.3	1.3	100	27.4	110	<0.002
Z12-4F5	**M760790**	208.00	208.76	0.76	unbrecciated granite	0.22	3.14	9.3	1.2	150	26.6	102.5	<0.002
Z12-4F5	**M760791**	208.76	211.00	2.24	dark graphitic weakly brecciated granite	0.91	2.88	24.5	9.4	180	23.6	98.3	<0.002
Z12-4F5	**M760792**	211.00	212.80	1.80	dark graphitic weakly brecciated granite	1.19	2.78	30.7	5	220	26.3	115.5	<0.002
Z12-4F5	**M760793**	212.80	214.30	1.50	dark graphitic weakly brecciated granite	0.96	2.83	11.7	3.4	160	22.3	105	<0.002
Z12-4F5	**M760794**	214.30	216.00	1.70	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.36	3.18	14.3	1.2	150	25.4	110	<0.002
Z12-4F5	**M760795**	216.00	219.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	9.19	3.14	31.7	1.1	130	19.1	119.5	<0.002
Z12-4F5	**M760796**	219.00	222.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.48	3.16	16.9	1.4	130	29.8	105.5	<0.002
Z12-4F5	**M760797**	222.00	225.10	3.10	Two short fault zones in medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.14	2.8	8.7	1.2	130	11.8	120.5	<0.002
Z12-4F5	**M760798**	225.10	228.00	2.90	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.73	3.07	11.7	1.2	130	36.4	111	<0.002
Z12-4F5	**M760799**	228.00	231.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.87	3.11	10.8	1.3	140	20.4	101.5	<0.002

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Z12-4F5	**M760800**	**231.00**	**QC**		**J600104 Pulp 6.86% C (high)**	1.69	3.13	22	10.3	300	13.4	99.7	<0.002
Z12-4F5	**M760801**	231.00	234.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.62	3.12	11.9	1.3	100	20.6	106	<0.002
Z12-4F5	**M760802**	234.00	237.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.37	3.27	25.7	1.4	140	18.4	98.4	<0.002
Z12-4F5	**M760803**	237.00	240.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.76	2.99	7.9	1.3	100	22	136	<0.002
Z12-4F5	**M760804**	240.00	243.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.8	2.82	8.6	1.4	100	24.1	134	<0.002
Z12-4F5	**M760805**	243.00	246.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.47	3.14	9	1.2	90	21.9	112.5	<0.002
Z12-4F5	**M760806**	246.00	249.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.36	3.3	11.4	1.3	110	16.1	96.9	<0.002
Z12-4F5	**M760807**	249.00	252.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.87	3.12	11.4	1.5	120	19.1	106.5	0.002
Z12-4F5	**M760808**	252.00	255.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.98	3.22	60.2	1.5	100	34.5	128	<0.002
Z12-4F5	**M760809**	255.00	258.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins). Contains small intermediate dyke.	1.36	3.1	20.6	1.5	470	17.1	108	<0.002

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Mo_ppm	Na%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm
Z12-4F5	**M760810**	258.00	261.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.89	3.16	11.3	1.8	120	22.3	116	<0.002
Z12-4F5	**M760811**	261.00	264.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.95	3.02	21.6	1.5	120	26.2	118	<0.002
Z12-4F5	**M760812**	264.00	267.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.72	3.18	12.1	1.4	110	17.1	100.5	<0.002
Z12-4F5	**M760813**	267.00	270.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.52	3.16	58.8	17	200	20.1	121	<0.002
Z12-4F5	**M760814**	270.00	273.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.36	3.14	12.5	1.5	120	18.2	96.1	<0.002
Z12-4F5	**M760815**	273.00	275.51	2.51	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	42.2	3.13	13.3	1.8	140	28.7	104	0.004
Z12-4F5	**M760816**	275.51	276.49	0.98	dark grey chlorite biotite schist; graphitic overprint	2.77	2.12	86.2	390	4920	26	207	0.006
Z12-4F5	**M760817**	276.49	278.67	2.18	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.66	4.51	17	23.5	220	19.7	60.7	<0.002
Z12-4F5	**M760818**	278.67	280.11	1.44	dark grey chlorite biotite schist; graphitic overprint	0.65	2.7	53.9	279	1460	15.1	179	0.002
Z12-4F5	**M760819**	280.11	283.00	2.89	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.88	2.87	11.1	92	760	13	119.5	<0.002
Z12-4F5	**M760820**	283.00	286.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	7.19	4.2	230	11.2	280	85.9	259	0.002

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Mo_ppm	Na%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm
Z12-4F5	**M760821**	286.00	289.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	6.52	4.29	236	1.9	150	34.1	266	0.002
Z12-4F5	**M760822**	289.00	291.27	2.27	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.42	3.5	8.2	1.8	150	18.2	94.9	<0.002
Z12-4F5	**M760823**	291.27	293.55	2.28	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.86	3.57	14.2	1.4	160	34.7	116	<0.002
Z12-4F5	**M760824**	293.55	295.65	2.10	fine grained mafic dyke; trace pyrite	5.28	4.42	202	0.9	280	29.3	224	<0.002
Z12-4F5	**M760825**	**295.65**	**QC**		**M760125 Pulp: REE/C Blank**	8.48	4.62	214	0.7	3180	16.2	118	0.002
Z12-4F5	**M760826**	295.65	297.95	2.30	fine grained mafic dyke; trace pyrite	2.97	4.49	207	0.9	200	24.3	198.5	0.002
Z12-4F5	**M760827**	297.95	301.00	3.05	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	9.91	3.54	76.4	1.4	160	22.8	163.5	0.002
Z12-4F5	**M760828**	301.00	304.00	3.00	mafic dyke and syenite; trace pyrite	3.89	4.28	198	1.2	330	23.6	223	0.002
Z12-4F5	**M760829**	304.00	307.00	3.00	mafic dyke and syenite, carbonate veins; trace pyrite	5.03	4.38	181	1.2	390	24.3	210	0.002
Z12-4F5	**M760830**	307.00	310.00	3.00	mafic dyke and syenite, carbonate veins, strongly fracture fault zone;trace pyrite	4.41	3.94	215	1.3	280	15.2	183	0.002
Z12-4F5	**M760831**	310.00	313.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.33	3.15	17.3	2.2	140	26.9	124.5	0.002
Z12-4F5	**M760832**	313.00	316.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	3.37	3.3	15.1	2.2	140	25.9	119.5	0.003
Z12-4F5	**M760833**	316.00	318.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.78	3.86	16.7	7.9	250	28.5	107	0.002

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Mo_ppm	Na%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm
Z12-4F5	**M760834**	318.00	321.00	3.00	mafic dyke, medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.28	4.34	204	1.4	380	56.4	237	0.002
Z12-4F5	**M760835**	321.00	324.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.53	3.62	19.3	2.4	140	16.2	110.5	0.002
Z12-4F5	**M760836**	324.00	326.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	1.04	3.2	17.5	1.6	500	27.1	113	<0.002
					END OF HOLE								

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F5	**M760698**	42.64	44.17	1.53	Basal ordovician orthoquartzite/wacke	0.71	0.26	4	<1	0.7	81.1	0.49	<0.05
Z12-4F5	**M760699**	44.17	46.00	1.83	graphitic brecciated granite	1.66	0.29	1.8	<1	0.9	231	0.69	<0.05
Z12-4F5	**M760700**	**46.00**	**QC**		**J600092 Pulp 3.33% C (med)**	0.32	0.2	3	<1	1.3	252	1.05	<0.05
Z12-4F5	**M760701**	46.00	48.00	2.00	graphitic brecciated granite	0.92	0.17	1.9	1	2.3	126	1.04	0.07
Z12-4F5	**M760702**	48.00	50.00	2.00	graphitic brecciated granite	0.2	0.12	3	1	2.6	174.5	1.49	0.05
Z12-4F5	**M760703**	50.00	52.00	2.00	graphitic brecciated granite	0.47	0.14	2.7	2	7.4	146	4.07	0.05
Z12-4F5	**M760704**	52.00	54.00	2.00	graphitic brecciated granite	0.05	0.13	4.1	1	1.8	323	0.75	<0.05
Z12-4F5	**M760705**	54.00	56.00	2.00	graphitic brecciated granite	0.13	0.13	2.7	1	1.2	240	1.29	0.05
Z12-4F5	**M760706**	56.00	58.00	2.00	graphitic brecciated granite	0.4	0.15	1.9	<1	0.8	202	1.02	0.06
Z12-4F5	**M760707**	58.00	60.00	2.00	graphitic brecciated granite	0.05	0.13	3.8	<1	1.6	296	1.86	<0.05
Z12-4F5	**M760709**	60.00	62.00	2.00	graphitic brecciated granite	0.03	0.15	2.3	<1	1.3	173.5	1.09	0.05
Z12-4F5	**M760710**	62.00	64.00	2.00	graphitic brecciated granite	0.02	0.15	1.6	<1	0.8	180.5	0.64	0.05
Z12-4F5	**M760711**	64.00	66.00	2.00	graphitic brecciated granite	0.01	0.13	1.8	<1	0.9	205	1.02	<0.05
Z12-4F5	**M760712**	66.00	68.00	2.00	graphitic brecciated granite	0.02	0.14	7	<1	1.4	432	1.98	0.06
Z12-4F5	**M760713**	68.00	70.00	2.00	graphitic brecciated granite	0.05	0.16	1.7	<1	0.7	159	0.91	<0.05
Z12-4F5	**M760714**	70.00	72.00	2.00	graphitic brecciated granite	0.02	0.2	2	<1	1	212	0.86	0.05
Z12-4F5	**M760715**	72.00	74.00	2.00	graphitic brecciated granite	0.08	0.18	2	1	0.9	184.5	0.68	<0.05
Z12-4F5	**M760716**	74.00	76.00	2.00	graphitic brecciated granite	0.03	0.17	2.1	1	0.8	166	0.63	0.06
Z12-4F5	**M760717**	76.00	78.00	2.00	graphitic brecciated granite	0.03	0.09	2.1	1	0.7	167.5	0.79	<0.05
Z12-4F5	**M760718**	78.00	80.00	2.00	graphitic brecciated granite	0.03	0.1	2.1	1	0.6	163.5	0.7	<0.05
Z12-4F5	**M760719**	80.00	82.00	2.00	graphitic brecciated granite	0.04	0.11	2.4	1	0.7	192	0.81	<0.05
Z12-4F5	**M760720**	82.00	84.00	2.00	graphitic brecciated granite	0.11	0.13	2	1	0.6	197	0.53	<0.05
Z12-4F5	**M760721**	84.00	86.00	2.00	graphitic brecciated granite	0.03	0.13	2.3	1	0.6	180	0.68	<0.05
Z12-4F5	**M760722**	86.00	88.00	2.00	graphitic brecciated granite	0.04	0.12	2.3	1	0.7	182	0.71	<0.05
Z12-4F5	**M760723**	88.00	90.00	2.00	graphitic brecciated granite	0.05	0.13	2.7	1	1	230	1.25	<0.05
Z12-4F5	**M760724**	90.00	92.00	2.00	graphitic brecciated granite	0.05	0.11	4.2	1	1.2	206	1.02	<0.05
Z12-4F5	**M760725**	**92.00**	**QC**		**J600104 Pulp 6.86% C (high)**	0.35	0.19	3.6	1	0.8	249	0.99	<0.05
Z12-4F5	**M760726**	92.00	94.00	2.00	graphitic brecciated granite	0.19	0.14	1.7	1	0.7	209	0.76	<0.05
Z12-4F5	**M760727**	94.00	96.00	2.00	graphitic brecciated granite	0.09	0.09	1.9	1	0.7	224	0.84	<0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F5	**M760728**	96.00	98.00	2.00	graphitic brecciated granite	0.14	0.12	2	1	0.7	222	1.87	<0.05
Z12-4F5	**M760729**	98.00	100.00	2.00	graphitic brecciated granite	0.19	0.27	2	1	0.8	209	0.67	<0.05
Z12-4F5	**M760730**	100.00	102.00	2.00	graphitic brecciated granite	0.14	0.09	2.2	1	0.8	201	0.85	<0.05
Z12-4F5	**M760731**	102.00	104.00	2.00	graphitic brecciated granite	0.12	0.14	1.7	1	0.9	170	3.25	<0.05
Z12-4F5	**M760732**	104.00	106.00	2.00	graphitic brecciated granite	0.17	0.12	1.9	1	0.6	203	0.87	<0.05
Z12-4F5	**M760733**	106.00	108.00	2.00	graphitic brecciated granite	0.19	0.12	2	1	0.7	207	0.85	<0.05
Z12-4F5	**M760734**	108.00	110.00	2.00	graphitic brecciated granite	0.18	0.1	1.8	1	0.7	208	0.91	<0.05
Z12-4F5	**M760735**	110.00	112.00	2.00	graphitic brecciated granite	0.16	0.13	2	1	0.6	163.5	0.7	<0.05
Z12-4F5	**M760736**	112.00	114.00	2.00	graphitic brecciated granite	0.11	0.11	1.9	1	0.8	239	0.67	<0.05
Z12-4F5	**M760737**	114.00	116.00	2.00	graphitic brecciated granite	0.2	0.1	1.9	1	0.7	244	0.84	<0.05
Z12-4F5	**M760738**	116.00	118.00	2.00	graphitic brecciated granite	0.17	0.13	4.6	1	1	353	2.2	<0.05
Z12-4F5	**M760739**	118.00	120.00	2.00	graphitic brecciated granite	0.23	0.1	2	1	0.8	321	0.92	<0.05
Z12-4F5	**M760740**	120.00	122.00	2.00	graphitic brecciated granite	0.27	0.11	2	1	0.6	264	0.62	<0.05
Z12-4F5	**M760741**	122.00	124.00	2.00	graphitic brecciated granite	0.25	0.09	1.9	1	0.6	202	0.73	<0.05
Z12-4F5	**M760742**	124.00	126.00	2.00	graphitic brecciated granite	0.25	0.13	3.3	1	0.8	271	0.79	<0.05
Z12-4F5	**M760743**	126.00	128.00	2.00	graphitic brecciated granite	0.3	0.14	1.9	1	0.6	229	0.68	<0.05
Z12-4F5	**M760744**	128.00	130.00	2.00	graphitic brecciated granite	0.26	0.12	1.8	1	0.6	198.5	0.68	<0.05
Z12-4F5	**M760745**	130.00	132.00	2.00	graphitic brecciated granite	0.19	0.13	3.6	1	1	211	0.65	<0.05
Z12-4F5	**M760746**	132.00	134.12	2.12	intermediate dyke	0.07	0.25	2.7	3	5.2	37.9	11.1	0.1
Z12-4F5	**M760747**	134.12	136.00	1.88	graphitic overprinted granite	0.28	0.06	2	1	0.7	167.5	0.97	<0.05
Z12-4F5	**M760748**	136.00	137.95	1.95	graphitic overprinted granite	0.28	0.16	1.4	<1	1	148.5	2.08	0.05
Z12-4F5	**M760749**	137.95	139.86	1.91	dark graphitic brecciated granite	0.31	0.16	1.3	<1	0.7	166	0.65	0.06
Z12-4F5	**M760750**	**139.86**	**QC**		**M760125 Pulp: REE/C Blank**	0.08	0.28	11.7	2	4	1310	9.11	<0.05
Z12-4F5	**M760751**	139.86	141.82	1.96	dark graphitic brecciated granite	0.25	0.19	1.8	1	0.8	200	0.56	0.06
Z12-4F5	**M760752**	141.82	143.79	1.97	graphitic overprinted granite	0.34	0.07	1.8	1	0.9	138.5	0.6	<0.05
Z12-4F5	**M760753**	143.79	146.00	2.21	dark graphitic weakly brecciated granite	0.34	0.19	1.7	1	0.7	143	0.54	0.05
Z12-4F5	**M760754**	146.00	148.00	2.00	dark graphitic weakly brecciated granite	0.33	0.21	2	1	0.7	199	0.65	0.06
Z12-4F5	**M760755**	148.00	150.00	2.00	dark graphitic weakly brecciated granite	0.3	0.19	2	1	0.7	141.5	0.55	0.05
Z12-4F5	**M760756**	150.00	152.00	2.00	dark graphitic weakly brecciated granite	0.26	0.16	2.6	1	0.9	176.5	0.68	0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F5	**M760757**	152.00	154.00	2.00	dark graphitic weakly brecciated granite	0.22	0.12	1.4	1	0.6	130.5	0.52	<0.05
Z12-4F5	**M760758**	154.00	156.00	2.00	dark graphitic weakly brecciated granite	0.22	0.15	1.5	1	0.7	134	0.48	<0.05
Z12-4F5	**M760759**	156.00	158.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	0.38	0.22	7.3	1	2.5	132.5	3.43	0.08
Z12-4F5	**M760760**	158.00	160.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	0.21	0.16	4.1	1	1.5	185.5	1.16	<0.05
Z12-4F5	**M760761**	160.00	162.00	2.00	dark graphitic weakly brecciated granite	0.31	0.18	4.8	1	1.7	165	0.97	0.05
Z12-4F5	**M760762**	162.00	164.00	2.00	dark graphitic weakly brecciated granite	0.27	0.19	2.6	1	1.2	200	0.9	<0.05
Z12-4F5	**M760763**	164.00	166.00	2.00	dark graphitic weakly brecciated granite	0.34	0.22	2	1	1.2	154	0.97	0.06
Z12-4F5	**M760764**	166.00	168.00	2.00	dark graphitic weakly brecciated granite	0.35	0.13	2.3	1	1.2	275	0.7	0.05
Z12-4F5	**M760765**	168.00	170.00	2.00	dark graphitic weakly brecciated granite	0.36	0.1	2	1	1.1	194.5	0.66	0.05
Z12-4F5	**M760766**	170.00	172.00	2.00	dark graphitic weakly brecciated granite	0.33	0.14	1.8	1	1.1	190.5	0.6	<0.05
Z12-4F5	**M760767**	172.00	174.00	2.00	dark graphitic weakly brecciated granite	0.3	0.24	2.3	1	1.4	185.5	0.61	0.05
Z12-4F5	**M760768**	174.00	176.00	2.00	dark graphitic weakly brecciated granite	0.34	0.21	2	1	1.4	173.5	0.51	<0.05
Z12-4F5	**M760769**	176.00	178.00	2.00	dark graphitic weakly brecciated granite	0.4	0.27	1.9	1	1.4	163.5	0.74	0.06
Z12-4F5	**M760770**	178.00	180.00	2.00	dark graphitic weakly brecciated granite	0.47	0.3	1.8	2	1.6	168.5	0.57	0.08
Z12-4F5	**M760771**	180.00	182.00	2.00	dark graphitic weakly brecciated granite	0.29	0.16	1.8	2	1.7	161	0.57	<0.05
Z12-4F5	**M760772**	182.00	183.61	1.61	dark graphitic unbrecciated granite	0.29	0.19	1.5	2	1.3	170	0.85	<0.05
Z12-4F5	**M760773**	183.61	184.23	0.62	syenitic dyke	0.05	0.49	1.4	8	11.2	76.1	35.4	0.21
Z12-4F5	**M760774**	184.23	186.00	1.77	dark graphitic weakly brecciated granite	0.39	0.2	3	1	2.5	146	1.46	0.07
Z12-4F5	**M760775**	**186.00**	**QC**		**J600092 Pulp 3.33% C (med)**	0.31	0.16	3.4	1	1.3	240	1.1	<0.05
Z12-4F5	**M760776**	186.00	187.25	1.25	dark graphitic weakly brecciated granite	0.34	0.2	1.7	2	1.1	161.5	0.67	0.05
Z12-4F5	**M760777**	187.25	188.50	1.25	dark graphitic weakly brecciated granite	0.38	0.27	1.9	1	1	168	0.73	0.06
Z12-4F5	**M760778**	188.50	189.75	1.25	dark graphitic weakly brecciated granite	0.34	0.28	3.1	1	1.5	254	0.86	0.07
Z12-4F5	**M760779**	189.75	191.00	1.25	dark graphitic weakly brecciated granite	0.26	0.12	3.4	1	1.3	281	1.44	<0.05
Z12-4F5	**M760780**	191.00	193.00	2.00	Fault zone in dark graphitic weakly brecciated granite	0.26	0.12	2.5	2	1.3	153.5	0.91	<0.05
Z12-4F5	**M760781**	193.00	195.00	2.00	dark graphitic weakly brecciated granite	0.18	0.12	2.4	5	1.3	243	0.8	0.06
Z12-4F5	**M760782**	195.00	197.00	2.00	dark graphitic weakly brecciated granite	0.32	0.18	5.6	3	2.6	251	2.18	0.08
Z12-4F5	**M760783**	197.00	199.00	2.00	light grey graphitic brecciated granite	0.3	0.14	3.9	2	1.4	198.5	1.13	<0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F5	**M760784**	199.00	201.00	2.00	light grey graphitic brecciated granite	0.32	0.13	8.1	1	1.2	207	1.55	<0.05
Z12-4F5	**M760785**	201.00	202.64	1.64	light grey graphitic brecciated granite	0.37	0.14	1.8	1	0.6	151.5	0.6	<0.05
Z12-4F5	**M760786**	202.64	204.00	1.36	dark graphitic weakly brecciated granite	0.32	0.15	1.7	1	0.8	113	0.39	0.05
Z12-4F5	**M760787**	204.00	206.00	2.00	dark graphitic weakly brecciated granite	0.35	0.16	1.8	2	0.7	153	0.57	0.05
Z12-4F5	**M760788**	206.00	207.50	1.50	light grey graphitic brecciated granite	0.42	0.11	1.8	1	0.7	154	0.51	0.05
Z12-4F5	**M760789**	207.50	208.00	0.50	dark graphitic weakly brecciated granite with 20% submetallic dark grey veins/stringers 1mm to several mm wide	0.36	0.18	1.6	1	1	171.5	0.44	0.07
Z12-4F5	**M760790**	208.00	208.76	0.76	unbrecciated granite	0.42	0.13	1.9	1	0.6	178.5	0.87	<0.05
Z12-4F5	**M760791**	208.76	211.00	2.24	dark graphitic weakly brecciated granite	0.4	0.28	2.3	1	1	208	1.39	0.07
Z12-4F5	**M760792**	211.00	212.80	1.80	dark graphitic weakly brecciated granite	0.41	0.44	2.2	1	1.1	207	1.43	0.08
Z12-4F5	**M760793**	212.80	214.30	1.50	dark graphitic weakly brecciated granite	0.31	0.32	1.8	3	0.9	199	0.58	0.06
Z12-4F5	**M760794**	214.30	216.00	1.70	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.4	0.15	2	1	0.7	167.5	0.89	0.05
Z12-4F5	**M760795**	216.00	219.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.39	0.12	1.9	1	0.8	157	2.01	0.08
Z12-4F5	**M760796**	219.00	222.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.36	0.12	1.7	1	1	148	1.12	0.06
Z12-4F5	**M760797**	222.00	225.10	3.10	Two short fault zones in medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.17	0.14	1.3	1	0.7	118	0.64	<0.05
Z12-4F5	**M760798**	225.10	228.00	2.90	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.31	0.16	2	1	1.1	162.5	0.58	0.05
Z12-4F5	**M760799**	228.00	231.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.29	0.11	1.8	1	1	161.5	0.6	0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F5	**M760800**	**231.00**	**QC**		**J600104 Pulp 6.86% C (high)**	0.36	0.24	3.1	1	0.8	244	1.07	0.06
Z12-4F5	**M760801**	231.00	234.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.29	0.12	2	1	1.1	157	0.68	0.05
Z12-4F5	**M760802**	234.00	237.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.37	0.12	1.8	1	1	169	1.43	0.07
Z12-4F5	**M760803**	237.00	240.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.2	0.12	1	1	0.7	149.5	0.43	<0.05
Z12-4F5	**M760804**	240.00	243.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.26	0.11	1.3	1	0.9	154.5	0.38	<0.05
Z12-4F5	**M760805**	243.00	246.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.27	0.12	1.5	1	0.9	144	0.67	0.05
Z12-4F5	**M760806**	246.00	249.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.31	0.12	1.9	2	1.2	161.5	0.45	0.05
Z12-4F5	**M760807**	249.00	252.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.39	0.12	1.9	2	1	195	0.44	0.06
Z12-4F5	**M760808**	252.00	255.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.27	0.45	1.8	2	2.1	184	3.91	0.07
Z12-4F5	**M760809**	255.00	258.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins). Contains small intermediate dyke.	0.22	0.11	2.9	2	1.3	244	0.97	0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F5	**M760810**	258.00	261.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.28	0.12	1.9	1	1.2	209	0.55	<0.05
Z12-4F5	**M760811**	261.00	264.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.23	0.11	1.8	1	1.3	182	1.47	0.05
Z12-4F5	**M760812**	264.00	267.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.35	0.1	1.9	1	1	170.5	0.76	0.06
Z12-4F5	**M760813**	267.00	270.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.39	0.17	3.7	2	7.7	213	3.64	0.08
Z12-4F5	**M760814**	270.00	273.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.29	0.12	2	1	3.3	183.5	0.57	0.21
Z12-4F5	**M760815**	273.00	275.51	2.51	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.25	0.15	1.9	1	1.4	199	0.8	0.05
Z12-4F5	**M760816**	275.51	276.49	0.98	dark grey chlorite biotite schist; graphitic overprint	0.92	0.52	20.5	19	13.8	689	0.91	0.16
Z12-4F5	**M760817**	276.49	278.67	2.18	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.15	0.42	2.9	1	1.3	443	1.25	<0.05
Z12-4F5	**M760818**	278.67	280.11	1.44	dark grey chlorite biotite schist; graphitic overprint	0.79	1.9	17.4	2	5.9	544	4.74	0.2
Z12-4F5	**M760819**	280.11	283.00	2.89	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.22	0.24	12.7	2	1.4	449	1.16	0.06
Z12-4F5	**M760820**	283.00	286.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.14	0.52	4.2	3	6.3	167	13.45	0.16

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F5	**M760821**	286.00	289.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.09	0.33	2.5	4	4.4	68.7	13.55	0.16
Z12-4F5	**M760822**	289.00	291.27	2.27	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.2	0.1	1.6	1	1.1	202	0.67	0.05
Z12-4F5	**M760823**	291.27	293.55	2.28	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.21	0.12	3.3	2	2.6	168.5	0.75	0.05
Z12-4F5	**M760824**	293.55	295.65	2.10	fine grained mafic dyke; trace pyrite	0.04	0.15	4.7	3	3.8	27.6	11.4	0.15
Z12-4F5	**M760825**	**295.65**	**QC**		**M760125 Pulp: REE/C Blank**	0.1	0.68	11.9	3	3.8	1370	9.69	<0.05
Z12-4F5	**M760826**	295.65	297.95	2.30	fine grained mafic dyke; trace pyrite	0.03	0.36	3.5	2	3.5	26.7	12.35	<0.05
Z12-4F5	**M760827**	297.95	301.00	3.05	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.11	0.24	2	1	2.1	146.5	5.03	<0.05
Z12-4F5	**M760828**	301.00	304.00	3.00	mafic dyke and syenite; trace pyrite	0.09	0.26	5.6	3	5.3	52.4	11.95	<0.05
Z12-4F5	**M760829**	304.00	307.00	3.00	mafic dyke and syenite, carbonate veins; trace pyrite	0.13	0.28	6.4	3	5.2	54.8	9.83	<0.05
Z12-4F5	**M760830**	307.00	310.00	3.00	mafic dyke and syenite, carbonate veins, strongly fracture fault zone;trace pyrite	0.14	0.24	4.2	2	5.6	57.4	11.55	0.05
Z12-4F5	**M760831**	310.00	313.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.22	0.19	2.1	1	1.6	164	0.83	<0.05
Z12-4F5	**M760832**	313.00	316.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.2	0.19	2.2	1	1.5	191	1.26	<0.05
Z12-4F5	**M760833**	316.00	318.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.19	0.25	2.9	1	2	276	1.33	<0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F5	**M760834**	318.00	321.00	3.00	mafic dyke, medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.12	0.29	5.2	2	5.6	42.8	12.5	<0.05
Z12-4F5	**M760835**	321.00	324.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.17	0.17	1.8	1	1.5	171.5	1.39	<0.05
Z12-4F5	**M760836**	324.00	326.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	0.04	0.19	1.4	3	1.5	136	0.81	<0.05
					END OF HOLE								

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
Z12-4F5	**M760698**	42.64	44.17	1.53	Basal ordovician orthoquartzite/wacke	5.3	0.144	0.66	1.9	25	1.4	14.6	12
Z12-4F5	**M760699**	44.17	46.00	1.83	graphitic brecciated granite	4.4	0.067	1.9	1	7	2.2	9.2	241
Z12-4F5	**M760700**	**46.00**	**QC**		**J600092 Pulp 3.33% C (med)**	6.1	0.099	0.48	3.1	14	0.5	10.7	23
Z12-4F5	**M760701**	46.00	48.00	2.00	graphitic brecciated granite	107.5	0.056	0.89	1.5	10	2.9	29.7	28
Z12-4F5	**M760702**	48.00	50.00	2.00	graphitic brecciated granite	13.2	0.086	0.79	2.1	12	2.7	37.7	54
Z12-4F5	**M760703**	50.00	52.00	2.00	graphitic brecciated granite	15.6	0.075	0.58	4.8	11	2	51.2	64
Z12-4F5	**M760704**	52.00	54.00	2.00	graphitic brecciated granite	10.7	0.104	0.62	1.7	24	2.6	25.8	104
Z12-4F5	**M760705**	54.00	56.00	2.00	graphitic brecciated granite	5.9	0.071	0.65	1.6	13	2.4	21.3	65
Z12-4F5	**M760706**	56.00	58.00	2.00	graphitic brecciated granite	5.6	0.055	0.76	1.1	8	2.4	10.5	30
Z12-4F5	**M760707**	58.00	60.00	2.00	graphitic brecciated granite	7.6	0.115	0.68	2.6	24	4.7	12	50
Z12-4F5	**M760709**	60.00	62.00	2.00	graphitic brecciated granite	5.6	0.083	0.62	1.8	10	3	7.9	28
Z12-4F5	**M760710**	62.00	64.00	2.00	graphitic brecciated granite	4.9	0.063	0.61	1	4	1.4	5.4	11
Z12-4F5	**M760711**	64.00	66.00	2.00	graphitic brecciated granite	4.6	0.063	0.69	1	6	1.7	3.9	14
Z12-4F5	**M760712**	66.00	68.00	2.00	graphitic brecciated granite	6.2	0.133	1.03	2.5	40	1.4	5	54
Z12-4F5	**M760713**	68.00	70.00	2.00	graphitic brecciated granite	5.5	0.066	0.7	1.3	6	1.2	3.8	10
Z12-4F5	**M760714**	70.00	72.00	2.00	graphitic brecciated granite	6.3	0.067	0.63	1.4	6	2	4.2	16
Z12-4F5	**M760715**	72.00	74.00	2.00	graphitic brecciated granite	5.4	0.077	0.74	2.3	8	1.7	4.4	11
Z12-4F5	**M760716**	74.00	76.00	2.00	graphitic brecciated granite	4.8	0.067	0.67	1.1	6	1.3	3.3	10
Z12-4F5	**M760717**	76.00	78.00	2.00	graphitic brecciated granite	5.1	0.067	0.56	1	6	0.9	3.4	11
Z12-4F5	**M760718**	78.00	80.00	2.00	graphitic brecciated granite	10.9	0.064	0.6	0.8	5	1.2	6.5	15
Z12-4F5	**M760719**	80.00	82.00	2.00	graphitic brecciated granite	7.5	0.071	0.6	1.2	5	1.1	5.9	16
Z12-4F5	**M760720**	82.00	84.00	2.00	graphitic brecciated granite	5	0.066	0.56	1.5	5	0.8	4.7	11
Z12-4F5	**M760721**	84.00	86.00	2.00	graphitic brecciated granite	4.8	0.067	0.6	1.3	6	1	4.8	12
Z12-4F5	**M760722**	86.00	88.00	2.00	graphitic brecciated granite	6	0.069	0.59	1.2	6	1.6	6.4	14
Z12-4F5	**M760723**	88.00	90.00	2.00	graphitic brecciated granite	5.2	0.072	0.61	1.3	7	2	5.6	16
Z12-4F5	**M760724**	90.00	92.00	2.00	graphitic brecciated granite	4.5	0.08	0.85	1.4	16	1.9	5.3	33
Z12-4F5	**M760725**	**92.00**	**QC**		**J600104 Pulp 6.86% C (high)**	8.4	0.11	0.32	2	16	0.7	10.6	27
Z12-4F5	**M760726**	92.00	94.00	2.00	graphitic brecciated granite	4.4	0.057	0.66	1.7	5	1.4	4.2	12
Z12-4F5	**M760727**	94.00	96.00	2.00	graphitic brecciated granite	5.3	0.07	0.51	1.4	5	1.6	4.8	9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
Z12-4F5	**M760728**	96.00	98.00	2.00	graphitic brecciated granite	7.6	0.068	0.55	2	5	1.5	7.2	9
Z12-4F5	**M760729**	98.00	100.00	2.00	graphitic brecciated granite	4.4	0.071	0.58	2.1	6	1.1	7.6	14
Z12-4F5	**M760730**	100.00	102.00	2.00	graphitic brecciated granite	5.3	0.068	0.54	1.6	6	1.3	5.7	9
Z12-4F5	**M760731**	102.00	104.00	2.00	graphitic brecciated granite	20.8	0.062	0.59	3.9	5	2.3	13.9	10
Z12-4F5	**M760732**	104.00	106.00	2.00	graphitic brecciated granite	4.7	0.066	0.51	1.5	5	1	4.6	8
Z12-4F5	**M760733**	106.00	108.00	2.00	graphitic brecciated granite	5.2	0.068	0.5	1.4	5	1.6	5	8
Z12-4F5	**M760734**	108.00	110.00	2.00	graphitic brecciated granite	4.5	0.067	0.49	1.4	5	1.2	4.3	8
Z12-4F5	**M760735**	110.00	112.00	2.00	graphitic brecciated granite	4.4	0.061	0.52	1.4	5	1.1	6.1	9
Z12-4F5	**M760736**	112.00	114.00	2.00	graphitic brecciated granite	5.2	0.059	0.49	1.2	5	1.2	5.1	10
Z12-4F5	**M760737**	114.00	116.00	2.00	graphitic brecciated granite	6.5	0.068	0.52	1.5	5	1.3	6.7	9
Z12-4F5	**M760738**	116.00	118.00	2.00	graphitic brecciated granite	6.3	0.124	0.8	2.9	26	1	7.6	41
Z12-4F5	**M760739**	118.00	120.00	2.00	graphitic brecciated granite	6	0.079	0.59	1.7	7	1.8	5.2	11
Z12-4F5	**M760740**	120.00	122.00	2.00	graphitic brecciated granite	6	0.065	0.57	1.2	5	1.6	5.6	10
Z12-4F5	**M760741**	122.00	124.00	2.00	graphitic brecciated granite	6.3	0.063	0.68	1.7	5	0.8	5.8	13
Z12-4F5	**M760742**	124.00	126.00	2.00	graphitic brecciated granite	5.2	0.105	0.67	1.9	18	1.1	5.7	18
Z12-4F5	**M760743**	126.00	128.00	2.00	graphitic brecciated granite	4.4	0.067	0.65	1.3	5	0.8	3.9	10
Z12-4F5	**M760744**	128.00	130.00	2.00	graphitic brecciated granite	4.7	0.064	0.54	1.5	5	1	5.1	10
Z12-4F5	**M760745**	130.00	132.00	2.00	graphitic brecciated granite	5.6	0.082	0.6	1.3	14	1.5	8.8	20
Z12-4F5	**M760746**	132.00	134.12	2.12	intermediate dyke	31.1	0.17	0.7	6.9	1	6.3	61.9	110
Z12-4F5	**M760747**	134.12	136.00	1.88	graphitic overprinted granite	4.4	0.071	0.7	1.9	5	1.1	5.7	25
Z12-4F5	**M760748**	136.00	137.95	1.95	graphitic overprinted granite	13.8	0.063	0.72	3.9	4	2.9	13.4	32
Z12-4F5	**M760749**	137.95	139.86	1.91	dark graphitic brecciated granite	6.1	0.053	0.7	1.4	4	1.3	6.5	12
Z12-4F5	**M760750**	**139.86**	**QC**		**M760125 Pulp: REE/C Blank**	26.7	1.075	0.08	7.6	2	3	47.8	133
Z12-4F5	**M760751**	139.86	141.82	1.96	dark graphitic brecciated granite	13.7	0.046	0.59	1.3	5	1.4	9.5	13
Z12-4F5	**M760752**	141.82	143.79	1.97	graphitic overprinted granite	5.1	0.06	0.59	1.1	4	1.7	4.8	67
Z12-4F5	**M760753**	143.79	146.00	2.21	dark graphitic weakly brecciated granite	5.2	0.057	0.51	1	4	1.2	8	13
Z12-4F5	**M760754**	146.00	148.00	2.00	dark graphitic weakly brecciated granite	10.5	0.06	0.54	1.2	5	1.3	6.1	12
Z12-4F5	**M760755**	148.00	150.00	2.00	dark graphitic weakly brecciated granite	4.7	0.048	0.52	1.1	5	1	5.7	11
Z12-4F5	**M760756**	150.00	152.00	2.00	dark graphitic weakly brecciated granite	6.8	0.059	0.65	1.2	6	1.3	6.6	13

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
Z12-4F5	**M760757**	152.00	154.00	2.00	dark graphitic weakly brecciated granite	4.7	0.043	0.56	0.9	2	0.9	5.6	8
Z12-4F5	**M760758**	154.00	156.00	2.00	dark graphitic weakly brecciated granite	4.5	0.041	0.53	1	3	1.2	5.8	9
Z12-4F5	**M760759**	156.00	158.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	4.9	0.126	1.28	3	30	2	9.4	73
Z12-4F5	**M760760**	158.00	160.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	5.3	0.076	0.66	1.8	14	1.7	7	35
Z12-4F5	**M760761**	160.00	162.00	2.00	dark graphitic weakly brecciated granite	6.7	0.077	0.63	1	11	2.1	8.4	18
Z12-4F5	**M760762**	162.00	164.00	2.00	dark graphitic weakly brecciated granite	6.3	0.067	0.58	1.6	10	1.7	6	23
Z12-4F5	**M760763**	164.00	166.00	2.00	dark graphitic weakly brecciated granite	6.4	0.056	0.62	1.7	4	2.2	8	17
Z12-4F5	**M760764**	166.00	168.00	2.00	dark graphitic weakly brecciated granite	6.5	0.07	0.6	1.4	8	1.3	6.9	23
Z12-4F5	**M760765**	168.00	170.00	2.00	dark graphitic weakly brecciated granite	6	0.07	0.75	1.1	6	2.3	5.3	33
Z12-4F5	**M760766**	170.00	172.00	2.00	dark graphitic weakly brecciated granite	8.2	0.059	0.59	1	7	16.1	8	19
Z12-4F5	**M760767**	172.00	174.00	2.00	dark graphitic weakly brecciated granite	5.9	0.066	0.5	0.9	8	2.6	5.5	20
Z12-4F5	**M760768**	174.00	176.00	2.00	dark graphitic weakly brecciated granite	4.5	0.055	0.54	0.8	5	2.9	5.6	24
Z12-4F5	**M760769**	176.00	178.00	2.00	dark graphitic weakly brecciated granite	13.5	0.065	0.5	1	5	4.3	20.6	18
Z12-4F5	**M760770**	178.00	180.00	2.00	dark graphitic weakly brecciated granite	50.1	0.056	0.44	1.1	5	2.8	41.7	17
Z12-4F5	**M760771**	180.00	182.00	2.00	dark graphitic weakly brecciated granite	46	0.049	0.36	1.3	3	2.4	40.6	15
Z12-4F5	**M760772**	182.00	183.61	1.61	dark graphitic unbrecciated granite	128	0.051	0.39	1.7	3	2.3	50.6	14
Z12-4F5	**M760773**	183.61	184.23	0.62	syenitic dyke	214	0.079	0.71	32.5	1	9.9	205	299
Z12-4F5	**M760774**	184.23	186.00	1.77	dark graphitic weakly brecciated granite	13.8	0.086	0.52	1.5	10	2.1	25	47
Z12-4F5	**M760775**	**186.00**	**QC**		**J600092 Pulp 3.33% C (med)**	6.4	0.1	0.41	2.6	14	0.5	11.2	26
Z12-4F5	**M760776**	186.00	187.25	1.25	dark graphitic weakly brecciated granite	93.6	0.053	0.41	1.7	4	1.7	34.7	19
Z12-4F5	**M760777**	187.25	188.50	1.25	dark graphitic weakly brecciated granite	4.8	0.061	0.45	1.1	5	1.5	6.2	17
Z12-4F5	**M760778**	188.50	189.75	1.25	dark graphitic weakly brecciated granite	5.5	0.076	0.54	1.5	11	1.3	8.3	43
Z12-4F5	**M760779**	189.75	191.00	1.25	dark graphitic weakly brecciated granite	5.7	0.079	0.52	2.4	12	1.4	10.2	36
Z12-4F5	**M760780**	191.00	193.00	2.00	Fault zone in dark graphitic weakly brecciated granite	111	0.059	0.43	2.7	8	2.2	37.8	17
Z12-4F5	**M760781**	193.00	195.00	2.00	dark graphitic weakly brecciated granite	221	0.054	0.29	2	8	2.3	129.5	16
Z12-4F5	**M760782**	195.00	197.00	2.00	dark graphitic weakly brecciated granite	12.1	0.107	1.08	2.1	31	2.8	80.6	55
Z12-4F5	**M760783**	197.00	199.00	2.00	light grey graphitic brecciated granite	42.6	0.077	0.47	1.6	15	1.6	59.2	34

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
Z12-4F5	**M760784**	199.00	201.00	2.00	light grey graphitic brecciated granite	9.6	0.114	0.55	1.8	35	1.4	14.1	43
Z12-4F5	**M760785**	201.00	202.64	1.64	light grey graphitic brecciated granite	73.6	0.058	0.41	1.1	4	1.5	25.8	14
Z12-4F5	**M760786**	202.64	204.00	1.36	dark graphitic weakly brecciated granite	26.8	0.043	0.33	1.1	3	2.1	21.6	6
Z12-4F5	**M760787**	204.00	206.00	2.00	dark graphitic weakly brecciated granite	8.9	0.058	0.33	0.8	5	2	50.1	12
Z12-4F5	**M760788**	206.00	207.50	1.50	light grey graphitic brecciated granite	4.5	0.057	0.45	0.8	3	1.2	6.4	20
Z12-4F5	**M760789**	207.50	208.00	0.50	dark graphitic weakly brecciated granite with 20% submetallic dark grey veins/stringers 1mm to several mm wide	6.6	0.048	0.42	1.3	3	1.1	9.2	20
Z12-4F5	**M760790**	208.00	208.76	0.76	unbrecciated granite	5.9	0.072	0.47	0.9	5	0.8	6.3	26
Z12-4F5	**M760791**	208.76	211.00	2.24	dark graphitic weakly brecciated granite	10.5	0.082	0.44	1.9	7	1.4	11.3	25
Z12-4F5	**M760792**	211.00	212.80	1.80	dark graphitic weakly brecciated granite	14.5	0.081	0.53	1.6	5	1.6	9.1	22
Z12-4F5	**M760793**	212.80	214.30	1.50	dark graphitic weakly brecciated granite	29.8	0.06	0.45	1.3	5	2.1	53.7	24
Z12-4F5	**M760794**	214.30	216.00	1.70	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	16.9	0.071	0.55	1.5	5	5.4	16.4	29
Z12-4F5	**M760795**	216.00	219.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	9.4	0.068	0.69	2.6	5	0.8	8.8	38
Z12-4F5	**M760796**	219.00	222.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	8.4	0.064	0.66	1.7	5	0.9	7	51
Z12-4F5	**M760797**	222.00	225.10	3.10	Two short fault zones in medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	8	0.033	0.56	1.2	3	1	9.4	10
Z12-4F5	**M760798**	225.10	228.00	2.90	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	39.2	0.066	0.61	1.3	5	1.2	12.4	89
Z12-4F5	**M760799**	228.00	231.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	10.1	0.07	0.58	1.4	5	0.9	9.1	45

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
Z12-4F5	**M760800**	**231.00**	**QC**		**J600104 Pulp 6.86% C (high)**	8.8	0.106	0.37	2.2	16	0.7	10.9	26
Z12-4F5	**M760801**	231.00	234.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	10.7	0.066	0.65	2.9	6	0.8	8.6	38
Z12-4F5	**M760802**	234.00	237.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	9.8	0.072	0.56	2.3	5	1.1	11.9	40
Z12-4F5	**M760803**	237.00	240.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	3.1	0.036	0.67	1.2	3	1.2	10.3	27
Z12-4F5	**M760804**	240.00	243.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	10.6	0.05	0.7	0.9	4	0.9	7.2	43
Z12-4F5	**M760805**	243.00	246.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	9.8	0.055	0.67	1	5	0.7	5.3	32
Z12-4F5	**M760806**	246.00	249.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	10.5	0.068	0.53	1.2	7	1.2	18.5	30
Z12-4F5	**M760807**	249.00	252.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	14.2	0.071	0.61	1	6	0.9	26.4	29
Z12-4F5	**M760808**	252.00	255.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	28.2	0.077	0.64	5.2	5	2.5	18.6	78
Z12-4F5	**M760809**	255.00	258.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins). Contains small intermediate dyke.	11.8	0.158	0.61	1.3	8	0.8	12.1	61

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
Z12-4F5	**M760810**	258.00	261.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	11.8	0.071	0.6	0.9	6	1.1	10.7	47
Z12-4F5	**M760811**	261.00	264.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	8	0.062	0.66	2.5	5	0.7	10.5	74
Z12-4F5	**M760812**	264.00	267.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	5.4	0.069	0.75	1.6	5	0.4	6.1	37
Z12-4F5	**M760813**	267.00	270.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	18.6	0.076	0.79	5.6	10	2	19.6	41
Z12-4F5	**M760814**	270.00	273.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	10.2	0.07	0.57	1.2	6	1	7.5	51
Z12-4F5	**M760815**	273.00	275.51	2.51	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	5.3	0.068	0.56	1.6	6	1.2	7.9	75
Z12-4F5	**M760816**	275.51	276.49	0.98	dark grey chlorite biotite schist; graphitic overprint	267	0.303	2.87	15.9	67	1.9	235	139
Z12-4F5	**M760817**	276.49	278.67	2.18	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	7.4	0.061	0.36	2.9	11	1.1	10.4	68
Z12-4F5	**M760818**	278.67	280.11	1.44	dark grey chlorite biotite schist; graphitic overprint	9.2	0.28	2.84	1.5	90	2.1	21.5	142
Z12-4F5	**M760819**	280.11	283.00	2.89	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	4.9	0.18	1.22	2.3	71	1.2	10.1	64
Z12-4F5	**M760820**	283.00	286.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	37.9	0.156	0.94	9.3	11	4.1	47.6	223

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
Z12-4F5	**M760821**	286.00	289.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	47.2	0.14	0.8	12	2	4.5	51.5	109
Z12-4F5	**M760822**	289.00	291.27	2.27	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	5.4	0.071	0.72	1.3	7	0.5	5.6	24
Z12-4F5	**M760823**	291.27	293.55	2.28	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	11.5	0.076	0.66	1	5	1.1	16.6	32
Z12-4F5	**M760824**	293.55	295.65	2.10	fine grained mafic dyke; trace pyrite	26.9	0.236	0.68	6.9	1	2.4	41.1	120
Z12-4F5	**M760825**	**295.65**	**QC**		**M760125 Pulp: REE/C Blank**	26.2	1.085	0.09	7.3	2	2.9	41.7	140
Z12-4F5	**M760826**	295.65	297.95	2.30	fine grained mafic dyke; trace pyrite	29	0.194	0.69	7.4	1	3.5	41.8	115
Z12-4F5	**M760827**	297.95	301.00	3.05	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	16.8	0.089	0.66	4.8	5	2.2	21.9	55
Z12-4F5	**M760828**	301.00	304.00	3.00	mafic dyke and syenite; trace pyrite	29.8	0.233	0.75	7.5	1	3.3	49.4	128
Z12-4F5	**M760829**	304.00	307.00	3.00	mafic dyke and syenite, carbonate veins; trace pyrite	32.4	0.276	0.78	6.3	1	3.9	51.8	104
Z12-4F5	**M760830**	307.00	310.00	3.00	mafic dyke and syenite, carbonate veins, strongly fracture fault zone;trace pyrite	25.9	0.21	0.67	5.6	1	3.6	47	83
Z12-4F5	**M760831**	310.00	313.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	27.1	0.066	0.6	1.4	7	1.2	25.2	76
Z12-4F5	**M760832**	313.00	316.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	15	0.071	0.65	2.9	8	1	17.8	49
Z12-4F5	**M760833**	316.00	318.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	12.8	0.096	0.58	2.4	13	1.3	17.6	77

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
Z12-4F5	**M760834**	318.00	321.00	3.00	mafic dyke, medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	35.9	0.269	0.8	7.4	1	3.9	45.4	208
Z12-4F5	**M760835**	321.00	324.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	7.5	0.066	0.53	2	9	1.2	9.3	30
Z12-4F5	**M760836**	324.00	326.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	51.4	0.034	0.5	2.7	8	1.7	51.6	28
					END OF HOLE								

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Zr_ppm
Z12-4F5	**M760698**	42.64	44.17	1.53	Basal ordovician orthoquartzite/wacke	110.5
Z12-4F5	**M760699**	44.17	46.00	1.83	graphitic brecciated granite	91.7
Z12-4F5	**M760700**	**46.00**	**QC**		**J600092 Pulp 3.33% C (med)**	72.1
Z12-4F5	**M760701**	46.00	48.00	2.00	graphitic brecciated granite	95.2
Z12-4F5	**M760702**	48.00	50.00	2.00	graphitic brecciated granite	103
Z12-4F5	**M760703**	50.00	52.00	2.00	graphitic brecciated granite	329
Z12-4F5	**M760704**	52.00	54.00	2.00	graphitic brecciated granite	111
Z12-4F5	**M760705**	54.00	56.00	2.00	graphitic brecciated granite	84.8
Z12-4F5	**M760706**	56.00	58.00	2.00	graphitic brecciated granite	72.4
Z12-4F5	**M760707**	58.00	60.00	2.00	graphitic brecciated granite	107
Z12-4F5	**M760709**	60.00	62.00	2.00	graphitic brecciated granite	92.1
Z12-4F5	**M760710**	62.00	64.00	2.00	graphitic brecciated granite	79.4
Z12-4F5	**M760711**	64.00	66.00	2.00	graphitic brecciated granite	73.1
Z12-4F5	**M760712**	66.00	68.00	2.00	graphitic brecciated granite	86.3
Z12-4F5	**M760713**	68.00	70.00	2.00	graphitic brecciated granite	76.4
Z12-4F5	**M760714**	70.00	72.00	2.00	graphitic brecciated granite	82.3
Z12-4F5	**M760715**	72.00	74.00	2.00	graphitic brecciated granite	78.9
Z12-4F5	**M760716**	74.00	76.00	2.00	graphitic brecciated granite	78.2
Z12-4F5	**M760717**	76.00	78.00	2.00	graphitic brecciated granite	82.3
Z12-4F5	**M760718**	78.00	80.00	2.00	graphitic brecciated granite	76.1
Z12-4F5	**M760719**	80.00	82.00	2.00	graphitic brecciated granite	83.1
Z12-4F5	**M760720**	82.00	84.00	2.00	graphitic brecciated granite	82.1
Z12-4F5	**M760721**	84.00	86.00	2.00	graphitic brecciated granite	87.9
Z12-4F5	**M760722**	86.00	88.00	2.00	graphitic brecciated granite	82.4
Z12-4F5	**M760723**	88.00	90.00	2.00	graphitic brecciated granite	86.3
Z12-4F5	**M760724**	90.00	92.00	2.00	graphitic brecciated granite	75
Z12-4F5	**M760725**	**92.00**	**QC**		**J600104 Pulp 6.86% C (high)**	88.1
Z12-4F5	**M760726**	92.00	94.00	2.00	graphitic brecciated granite	78.5
Z12-4F5	**M760727**	94.00	96.00	2.00	graphitic brecciated granite	77.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Zr_ppm
Z12-4F5	**M760728**	96.00	98.00	2.00	graphitic brecciated granite	102
Z12-4F5	**M760729**	98.00	100.00	2.00	graphitic brecciated granite	79.7
Z12-4F5	**M760730**	100.00	102.00	2.00	graphitic brecciated granite	75.3
Z12-4F5	**M760731**	102.00	104.00	2.00	graphitic brecciated granite	127.5
Z12-4F5	**M760732**	104.00	106.00	2.00	graphitic brecciated granite	73.6
Z12-4F5	**M760733**	106.00	108.00	2.00	graphitic brecciated granite	78.7
Z12-4F5	**M760734**	108.00	110.00	2.00	graphitic brecciated granite	71
Z12-4F5	**M760735**	110.00	112.00	2.00	graphitic brecciated granite	74.8
Z12-4F5	**M760736**	112.00	114.00	2.00	graphitic brecciated granite	69.3
Z12-4F5	**M760737**	114.00	116.00	2.00	graphitic brecciated granite	74.4
Z12-4F5	**M760738**	116.00	118.00	2.00	graphitic brecciated granite	74.2
Z12-4F5	**M760739**	118.00	120.00	2.00	graphitic brecciated granite	71.5
Z12-4F5	**M760740**	120.00	122.00	2.00	graphitic brecciated granite	75.3
Z12-4F5	**M760741**	122.00	124.00	2.00	graphitic brecciated granite	73.9
Z12-4F5	**M760742**	124.00	126.00	2.00	graphitic brecciated granite	78.7
Z12-4F5	**M760743**	126.00	128.00	2.00	graphitic brecciated granite	66.7
Z12-4F5	**M760744**	128.00	130.00	2.00	graphitic brecciated granite	73.2
Z12-4F5	**M760745**	130.00	132.00	2.00	graphitic brecciated granite	73.4
Z12-4F5	**M760746**	132.00	134.12	2.12	intermediate dyke	>500
Z12-4F5	**M760747**	134.12	136.00	1.88	graphitic overprinted granite	82.6
Z12-4F5	**M760748**	136.00	137.95	1.95	graphitic overprinted granite	99.6
Z12-4F5	**M760749**	137.95	139.86	1.91	dark graphitic brecciated granite	69
Z12-4F5	**M760750**	**139.86**	**QC**		**M760125 Pulp: REE/C Blank**	486
Z12-4F5	**M760751**	139.86	141.82	1.96	dark graphitic brecciated granite	58.5
Z12-4F5	**M760752**	141.82	143.79	1.97	graphitic overprinted granite	66.3
Z12-4F5	**M760753**	143.79	146.00	2.21	dark graphitic weakly brecciated granite	69.9
Z12-4F5	**M760754**	146.00	148.00	2.00	dark graphitic weakly brecciated granite	61.3
Z12-4F5	**M760755**	148.00	150.00	2.00	dark graphitic weakly brecciated granite	57.4
Z12-4F5	**M760756**	150.00	152.00	2.00	dark graphitic weakly brecciated granite	60.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Zr_ppm
Z12-4F5	**M760757**	152.00	154.00	2.00	dark graphitic weakly brecciated granite	63.6
Z12-4F5	**M760758**	154.00	156.00	2.00	dark graphitic weakly brecciated granite	57.6
Z12-4F5	**M760759**	156.00	158.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	71.5
Z12-4F5	**M760760**	158.00	160.00	2.00	dark graphitic weakly brecciated granite with some chlorite biotite schist	67.6
Z12-4F5	**M760761**	160.00	162.00	2.00	dark graphitic weakly brecciated granite	62.9
Z12-4F5	**M760762**	162.00	164.00	2.00	dark graphitic weakly brecciated granite	60.9
Z12-4F5	**M760763**	164.00	166.00	2.00	dark graphitic weakly brecciated granite	67.3
Z12-4F5	**M760764**	166.00	168.00	2.00	dark graphitic weakly brecciated granite	61.6
Z12-4F5	**M760765**	168.00	170.00	2.00	dark graphitic weakly brecciated granite	73
Z12-4F5	**M760766**	170.00	172.00	2.00	dark graphitic weakly brecciated granite	69.4
Z12-4F5	**M760767**	172.00	174.00	2.00	dark graphitic weakly brecciated granite	64.3
Z12-4F5	**M760768**	174.00	176.00	2.00	dark graphitic weakly brecciated granite	61
Z12-4F5	**M760769**	176.00	178.00	2.00	dark graphitic weakly brecciated granite	61
Z12-4F5	**M760770**	178.00	180.00	2.00	dark graphitic weakly brecciated granite	68.8
Z12-4F5	**M760771**	180.00	182.00	2.00	dark graphitic weakly brecciated granite	73.9
Z12-4F5	**M760772**	182.00	183.61	1.61	dark graphitic unbrecciated granite	73.8
Z12-4F5	**M760773**	183.61	184.23	0.62	syenitic dyke	>500
Z12-4F5	**M760774**	184.23	186.00	1.77	dark graphitic weakly brecciated granite	73.4
Z12-4F5	**M760775**	**186.00**	**QC**		**J600092 Pulp 3.33% C (med)**	64.3
Z12-4F5	**M760776**	186.00	187.25	1.25	dark graphitic weakly brecciated granite	72.3
Z12-4F5	**M760777**	187.25	188.50	1.25	dark graphitic weakly brecciated granite	75.9
Z12-4F5	**M760778**	188.50	189.75	1.25	dark graphitic weakly brecciated granite	70.8
Z12-4F5	**M760779**	189.75	191.00	1.25	dark graphitic weakly brecciated granite	55.9
Z12-4F5	**M760780**	191.00	193.00	2.00	Fault zone in dark graphitic weakly brecciated granite	70.5
Z12-4F5	**M760781**	193.00	195.00	2.00	dark graphitic weakly brecciated granite	73
Z12-4F5	**M760782**	195.00	197.00	2.00	dark graphitic weakly brecciated granite	93.2
Z12-4F5	**M760783**	197.00	199.00	2.00	light grey graphitic brecciated granite	72.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Zr_ppm
Z12-4F5	**M760784**	199.00	201.00	2.00	light grey graphitic brecciated granite	87.2
Z12-4F5	**M760785**	201.00	202.64	1.64	light grey graphitic brecciated granite	76.3
Z12-4F5	**M760786**	202.64	204.00	1.36	dark graphitic weakly brecciated granite	64.9
Z12-4F5	**M760787**	204.00	206.00	2.00	dark graphitic weakly brecciated granite	73.6
Z12-4F5	**M760788**	206.00	207.50	1.50	light grey graphitic brecciated granite	76.2
Z12-4F5	**M760789**	207.50	208.00	0.50	dark graphitic weakly brecciated granite with 20% submetallic dark grey veins/stringers 1mm to several mm wide	62.9
Z12-4F5	**M760790**	208.00	208.76	0.76	unbrecciated granite	76.5
Z12-4F5	**M760791**	208.76	211.00	2.24	dark graphitic weakly brecciated granite	83.7
Z12-4F5	**M760792**	211.00	212.80	1.80	dark graphitic weakly brecciated granite	85.1
Z12-4F5	**M760793**	212.80	214.30	1.50	dark graphitic weakly brecciated granite	71.2
Z12-4F5	**M760794**	214.30	216.00	1.70	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	84.8
Z12-4F5	**M760795**	216.00	219.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	109
Z12-4F5	**M760796**	219.00	222.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	85.7
Z12-4F5	**M760797**	222.00	225.10	3.10	Two short fault zones in medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	47.8
Z12-4F5	**M760798**	225.10	228.00	2.90	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	76.3
Z12-4F5	**M760799**	228.00	231.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	74.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Zr_ppm
Z12-4F5	**M760800**	**231.00**	**QC**		**J600104 Pulp 6.86% C (high)**	80
Z12-4F5	**M760801**	231.00	234.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	71.6
Z12-4F5	**M760802**	234.00	237.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	92.2
Z12-4F5	**M760803**	237.00	240.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	41.1
Z12-4F5	**M760804**	240.00	243.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	35.8
Z12-4F5	**M760805**	243.00	246.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	61
Z12-4F5	**M760806**	246.00	249.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	69.1
Z12-4F5	**M760807**	249.00	252.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	80.6
Z12-4F5	**M760808**	252.00	255.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	165.5
Z12-4F5	**M760809**	255.00	258.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins). Contains small intermediate dyke.	90.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Zr_ppm
Z12-4F5	**M760810**	258.00	261.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	73.9
Z12-4F5	**M760811**	261.00	264.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	86
Z12-4F5	**M760812**	264.00	267.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	79.7
Z12-4F5	**M760813**	267.00	270.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	156
Z12-4F5	**M760814**	270.00	273.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	70.3
Z12-4F5	**M760815**	273.00	275.51	2.51	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	72.9
Z12-4F5	**M760816**	275.51	276.49	0.98	dark grey chlorite biotite schist; graphitic overprint	73.1
Z12-4F5	**M760817**	276.49	278.67	2.18	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	78.5
Z12-4F5	**M760818**	278.67	280.11	1.44	dark grey chlorite biotite schist; graphitic overprint	94
Z12-4F5	**M760819**	280.11	283.00	2.89	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	81.8
Z12-4F5	**M760820**	283.00	286.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	417

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Zr_ppm
Z12-4F5	**M760821**	286.00	289.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	>500
Z12-4F5	**M760822**	289.00	291.27	2.27	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	74.9
Z12-4F5	**M760823**	291.27	293.55	2.28	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	106
Z12-4F5	**M760824**	293.55	295.65	2.10	fine grained mafic dyke; trace pyrite	>500
Z12-4F5	**M760825**	**295.65**	**QC**		**M760125 Pulp: REE/C Blank**	>500
Z12-4F5	**M760826**	295.65	297.95	2.30	fine grained mafic dyke; trace pyrite	>500
Z12-4F5	**M760827**	297.95	301.00	3.05	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	230
Z12-4F5	**M760828**	301.00	304.00	3.00	mafic dyke and syenite; trace pyrite	>500
Z12-4F5	**M760829**	304.00	307.00	3.00	mafic dyke and syenite, carbonate veins; trace pyrite	>500
Z12-4F5	**M760830**	307.00	310.00	3.00	mafic dyke and syenite, carbonate veins, strongly fracture fault zone;trace pyrite	>500
Z12-4F5	**M760831**	310.00	313.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	72.7
Z12-4F5	**M760832**	313.00	316.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	80
Z12-4F5	**M760833**	316.00	318.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	70.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Zr_ppm
Z12-4F5	**M760834**	318.00	321.00	3.00	mafic dyke, medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	>500
Z12-4F5	**M760835**	321.00	324.00	3.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	89.9
Z12-4F5	**M760836**	324.00	326.00	2.00	medium pinkish grey syenite; unmineralized (except a few submillimeter dark grey veins)	80.3
					END OF HOLE	

ZENYATTA - ALBANY PROJECT - PHASE II DRILLING

SUMMARY LOG: Z12-4F6

EASTING	682400 (UTMs-NAD 83, Zone 16)
NORTHING	5545570 (UTMs, NAD 83, Zone 16)
ELEVATION	131 metres
AZIMUTH	0°
INCLINATION	-65
STARTED	May-18-12
ENDED	May-24-12
DRILLED BY	Foraco Canada
LOGGED BY	Ted Lamoureaux
ASSISTED BY	K. Genrich
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Zenyatta warehouse, Thunder Bay
TOTAL DEPTH	346.00 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z12-4F6	0.00	61.30	OVERBURDEN, LOST CORE & CASING
Z12-4F6	61.30	154.69	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**
Z12-4F6	154.69	155.95	**GRAPHITIC BRECCIATED SYENITIC GNEISS**
Z12-4F6	155.95	167.11	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**
Z12-4F6	167.11	169.00	**GRAPHITIC BRECCIATED SYENITIC GNEISS**
Z12-4F6	169.00	180.35	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**
Z12-4F6	180.35	182.54	**GRAPHITIC BRECCIATED SYENITIC GNEISS**
Z12-4F6	182.54	243.12	SYENITIC GNEISS
Z12-4F6	243.12	271.04	NEPHELINE SYENITE
Z12-4F6	271.04	317.00	SYENITIC GNEISS
Z12-4F6	317.00	346.00	NEPHELINE SYENITE

END OF HOLE

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F6	0.00	61.30	OVERBURDEN	Outwash sand and gravel, boulders, limestone lost in casing.
Z12-4F6	61.30	154.69	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**	Non-magnetic medium grained pink to dark grey graphitic overprinted syenitic gneiss. Potassic overprints throughout. Randomly oriented submillimeter conductive graphitic veins and carbonate veins throughout. Foliation @CAA62. -61.64 to 66.87 biotite chlorite schist @CAA21. -71.82 to 72.30 chlorite biotite schist @CAA24 -73.76 graphitic vein 2mm wide @CAA43. -84.56 to 87.13 fine grained intermediate dyke. Contacts obscured over 1cm. -95.90 to 96.55 fine grained biotite chlorite schist @CAA28 -98.21 to 99.73 chlorite biotite schist @CAA23 -101.54 to 102.78 chlorite biotite schist @CAA26. -105.41 to 106.00 moderately fractured fault zone. Primary fracture @CAA65. Secondary fracture @CAA5. -107.19 to 107.52 strongly fractured fault zone. Cannot determine fracture orientations. -115.00 to 115.15 strongly fractured fault zone. -118.95 to 119.61 fine grained intermediate dyke. Contacts are defined by 2cm biotite schist veins. Upper and lower contacts @CAA20. -120.07 to 120.27 fine grained biotite schist. Upper contact @CAA89. Lower contact @CAA62. -121.18 fine grained vein of biotite schist 5cm thick @CAA63 -121.50 to 123.72 fault zone. Moderately fractured from 121.50 to 121.87, intensely fractured from 121.87 to 121.93, moderate to strongly fractured from 123.05 to 123.72. Primary fracture @CAA88. Secondary fracture @CAA44. -125.30 and 125.77 graphitic veins 1 cm in thickness @CAA45 -126.20 to 126.29 intensely fractured. -130.00 to 130.46 moderately fractured @CAA30 -131.40 to 131.32 submillimeter graphitic conductive veins spaced a few centimeters apart @CAA20. -132.06 to 134.69 strongly to intensely fractured. Primary fracture @CAA19. Secondary fracture @CAA66. -134.69 to 136.86 moderately fractured. -138.72 to 140.08 weakly to moderately fractured. Primary fracture CAA@19. Secondary fracture @CAA16. -141.38 to 141.29 weakly fractured @CAA15 -146.00 to 147.41 moderate to intensely fractured. Primary fracture @CAA27. Secondary fracture @CAA50. -154.41 to 154.69 moderately fractured. Primary fracture @CAA31. Secondary fracture @CAA12.
Z12-4F6	154.69	155.95	**GRAPHITIC BRECCIATED SYENITIC GNEISS**	Fine grained dark grey graphitic brecciated syenitic gneiss. The matrix (25%) is composed of fine grained dark grey conductive matrix, some of which is graphite. The clasts are composed of angular graphitic overprinted syenitic gneiss clasts 2mm to 18cm. Upper contact sharp @CAA66. Lower contact obscured over 3cm.
Z12-4F6	155.95	167.11	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**	Non-magnetic medium grained pink to dark grey graphitic overprinted syenitic gneiss. Potassic overprints throughout. Randomly oriented submillimeter conductive graphitic veins and carbonate veins throughout. Foliation @CAA62. -157.66 to 157.92 moderately fractured. -161.23 to 161.76 moderately fractured @CAA27. -161.76 to 162.55 intensely fractured. -165.00 to 165.39 weakly fractured. Primary fracture @CAA3. Secondary fracture @CAA72.
Z12-4F6	167.11	169.00	**GRAPHITIC BRECCIATED SYENITIC GNEISS**	Fine grained medium grey graphitic brecciated syenitic gneiss. The matrix (10%) is composed of fine grained dark grey conductive matrix, some of which is graphite. The clasts are composed of angular graphitic overprinted syenitic gneiss clasts 2mm to 35cm. Euhedral pyrites 2mm in diameter at 168.16 and 168.87. Trace finely disseminated pyrite throughout. Upper contact sharp CAA@60. Lower contact defined as broken core at 169 block.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F6	169.00	180.35	**GRAPHITIC OVERPRINTED SYENITIC GNEISS**	Non-magnetic medium grained pink to dark grey graphitic overprinted syenitic gneiss. Potassic overprints throughout. Randomly oriented submillimeter conductive graphitic veins and carbonate veins throughout. Clast of fine grained biotite schist 9cm in diameter at 169.54. Foliation @CAA62. -174.55 to 175.00 strong to intensely fractured. -175.90 to 177.13 strongly fractured. -177.43 to 177.66 moderately fractured. Primary fracture CAA@25. Secondary fracture @CAA70.
Z12-4F6	180.35	182.54	**GRAPHITIC BRECCIATED SYENITIC GNEISS**	Fine grained dark grey graphitic brecciated syenitic gneiss. The matrix (15%) is composed of fine grained dark grey conductive matrix, some of which is graphite. The clasts are composed of angular graphitic overprinted syenitic gneiss clasts 2mm to 8cm. Upper contact sharp CAA@47. Lower contact obscured by fault zone. -182.09 to 182.90 moderately fractured with a 5cm intense fracture zone. Primary fracture @CAA48. Secondary fracture @CAA25.
Z12-4F6	182.54	243.12	SYENITIC GNEISS	Non-magnetic medium grained pinkish grey syenitic gneiss. Foliation @CAA60. -186.20 to 186.22 intensely . -186.22 to 186.75 weakly fractured. Primary fracture @CAA87. Secondary fracture @CAA20. -187.46 to 188.05 strongly fractured. Primary fracture @CAA70. Secondary fracture @CAA32. -191.66 to 191.79 strongly fractured. -198.51 graphitic vein 1cm thick @CAA63. -201.01 to 201.11 intensely fractured. -202.08 to 202.81 moderately fractured @CAA27. -213.44 to 214.00 weakly fractured. -222.21 to 223.00 weakly fractured with saprolitic weathering. -228.48 to 232.11 fine dark grey grained mafic dyke alternating with medium grained greenish grey nepheline syenite. -242.54 to 243.12 mafic porphyritic dyke. Fine grained grey matrix with ~2mm biotite covered plagioclase phenocrysts. Upper contact sharp @CAA88. Lower contact sharp @CAA62.
Z12-4F6	243.12	271.04	NEPHELINE SYENITE	Non-magnetic medium grained greenish grey nepheline syenite. -256.54 pyrite vein 1 cm wide @CAA47, 158.21 0.5 cm pyrite vein @CAA34. -265.26 to 265.51 fine grained mafic dyke. Upper contact @CAA22. Lower contact @CAA14. -267.73 pyrite vein 2mm @CAA87. Pyrite bleb 2mm at 267.90 -268.20 to 268.41 mafic porphyritic dyke with 2mm plagioclase phenocrysts. Upper contact @CAA44. Lower contact @CAA 34. -270.98 to 271.04 mafic porphyritic dyke as described in previous subunit

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F6	271.04	317.00	SYENITIC GNEISS	Non-magnetic medium grained pinkish grey syenitic gneiss. Down to ~295m there are a series of fault zones and a few mafic porphyritic dykes (see subunits); below this the unit is very uniform gradually going from a (nepheline) syenitic gneiss back to a nepheline syenite. Overall there is no graphite mineralization, except for two instances: a 7cm long zone of criss-crossing submillimeter graphitic veins at 301.12m; and a 3-6mm thick vein at 303.90 oriented @CAA35. Gneissosity overall @CAA64. - 273.56 to 273.78 mafic porphyritic dyke with 2mm plagioclase phenocrysts. Upper contact @CAA56. Lower contact @CAA 54. -276.55 to 280.10 medium grained pinkish grey syenite. -280.40 to 280.84 mafic porphyry. Phenocrysts 2mm to 2cm of yellow potassium feldspar surrounded by a dark aphanitic matrix. Upper contact sharp @CAA29. Lower contact sharp @CAA24. -281.07 to 281.37 moderately fractured. Primary fracture @CAA73. Secondary fracture @CAA33. -281.77 to 282.33 moderately fractured. Primary fracture @CAA63. Secondary fracture @CAA35. -283.37 to 283.83 fine grained mafic dyke. -284.03 to 283.46 moderately fractured -284.03 to 285.76 dioritic grey and white porphyritic dyke @CAA27. 25-30% 5-8mm wide light grey plagioclase phenocrysts in a dark aphanitic matrix. There is another such dyke from 294.30 to 294.95 with 15% 2-5mm wide plagioclase phenocrysts. -286.94 to 289.00 Down to 289.00, very strongly fractured fault zone, with subrounded fragments in lower half possibly ground by drilling; primary fracture orientation @CAA15, secondary @CAA70. Very weakly fractured from 289.00 to 292.70 with a few (trace) submillimeter carbonate veinlets.
Z12-4F6	317.00	346.00	NEPHELINE SYENITE	As in 243.12 to 271.04
				END OF HOLE

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm
Z12-4F6	**M760837**	61.30	64.00	2.70	Graphitic overprinted syenitic gneiss; trace pyrite	0.21	0.1	6.61	1.3	760	2.41	0.06	0.74	<0.02
Z12-4F6	**M760838**	64.00	67.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.46	0.04	6.56	5.9	870	2.69	0.07	1.07	0.03
Z12-4F6	**M760839**	67.00	70.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.29	0.07	6.65	4.1	710	1.89	0.06	1.11	0.03
Z12-4F6	**M760840**	70.00	73.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.62	0.08	6.14	12	660	2.59	0.36	2.04	0.04
Z12-4F6	**M760841**	73.00	76.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.4	0.02	6.76	4.4	730	1.47	0.04	1.06	0.05
Z12-4F6	**M760842**	76.00	79.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.16	0.01	6.64	2.7	820	1.08	0.04	1.06	0.06
Z12-4F6	**M760843**	79.00	82.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.2	<0.01	6.55	6.8	690	1.93	0.05	1.01	0.15
Z12-4F6	**M760844**	82.00	85.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.23	<0.01	6.98	19.5	540	3.7	0.11	0.96	0.14
Z12-4F6	**M760845**	85.00	88.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.09	<0.01	7.57	5.6	230	5.25	0.24	1.03	0.12
Z12-4F6	**M760846**	88.00	91.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.16	<0.01	6.86	2.7	800	1.51	0.04	1.04	0.13
Z12-4F6	**M760847**	91.00	94.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.43	0.05	6.77	14.7	860	4.42	0.38	1.17	0.06
Z12-4F6	**M760848**	94.00	97.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.74	0.15	6.15	21.1	640	5.76	0.18	3.06	0.04
Z12-4F6	**M760849**	97.00	100.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.42	0.3	5.5	23.1	610	4.5	0.34	4.15	0.04
Z12-4F6	**M760850**	100.00	**QC**		**J600100 Pulp: 10% C (high)**	10.25	0.05	6.37	1.6	630	1.76	0.13	1.08	0.04
Z12-4F6	**M760851**	100.00	103.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.89	0.13	5.66	15.6	790	4.14	0.33	4.41	0.09
Z12-4F6	**M760852**	103.00	106.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.24	0.08	6.65	3.8	730	2.46	0.07	1.13	0.03

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm
Z12-4F6	**M760853**	106.00	109.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.22	0.09	6.74	2.2	730	2.37	0.09	1.1	0.07
Z12-4F6	**M760854**	109.00	112.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.14	0.06	6.54	1.3	660	1.44	0.03	1.09	0.07
Z12-4F6	**M760855**	112.00	115.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.31	0.07	6.54	1.9	710	1.71	0.06	0.95	0.05
Z12-4F6	**M760856**	115.00	118.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.2	0.06	6.64	1.8	700	1.39	0.02	1.12	0.04
Z12-4F6	**M760857**	118.00	121.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.26	0.13	6.21	36.4	690	4.29	0.44	4.76	0.27
Z12-4F6	**M760858**	121.00	124.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.33	0.06	6.96	2.9	650	1.63	0.07	1.1	0.07
Z12-4F6	**M760859**	124.00	127.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.2	0.06	7.07	1.6	690	1.23	0.02	1.1	0.07
Z12-4F6	**M760860**	127.00	130.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.22	0.08	6.97	10.2	790	2.97	0.03	1.19	0.17
Z12-4F6	**M760861**	130.00	133.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.23	0.08	6.87	10.4	820	2.09	0.05	0.91	0.16
Z12-4F6	**M760862**	133.00	136.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.52	0.07	7.07	17.1	850	3.54	0.04	0.78	0.06
Z12-4F6	**M760863**	136.00	139.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.24	0.05	6.94	5.8	730	1.51	0.03	1.09	0.08
Z12-4F6	**M760864**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.66	0.07	6.89	10.2	750	2.16	0.22	0.71	0.12
Z12-4F6	**M760865**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.33	0.13	6.88	8.3	730	2.09	0.04	1.16	0.06
Z12-4F6	**M760866**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.26	0.09	6.8	15.4	670	2.78	0.06	0.79	0.09
Z12-4F6	**M760867**	148.00	151.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.48	0.15	7.07	11.6	910	2.6	0.05	1.22	0.33

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm
Z12-4F6	**M760868**	151.00	152.84	1.84	Graphitic overprinted syenitic gneiss; trace pyrite	0.55	0.1	7.91	10.8	720	1.95	0.05	1.84	0.33
Z12-4F6	**M760869**	152.84	154.69	1.85	Graphitic overprinted syenitic gneiss; trace pyrite	0.62	0.13	7.19	6	810	4.88	0.06	1.2	0.27
Z12-4F6	**M760870**	154.69	155.95	1.26	Graphitic brecciated syenitic gneiss; trace pyrite	4.18	0.07	7.23	2.8	800	2.46	0.11	1.13	0.03
Z12-4F6	**M760871**	155.95	158.68	2.73	Graphitic overprinted syenitic gneiss; trace pyrite	0.56	0.13	7.22	5.4	730	3.31	0.05	1.1	0.22
Z12-4F6	**M760872**	158.68	161.45	2.77	Graphitic overprinted syenitic gneiss; trace pyrite	0.7	0.13	7.3	19.5	860	2.59	0.05	1.1	0.26
Z12-4F6	**M760873**	161.45	164.24	2.79	Graphitic overprinted syenitic gneiss; trace pyrite	0.29	0.13	7.16	25.4	740	2.92	0.02	0.95	0.57
Z12-4F6	**M760874**	164.24	167.11	2.87	Graphitic overprinted syenitic gneiss; trace pyrite	0.42	0.15	7.11	14.2	830	3.47	0.06	1.05	0.67
Z12-4F6	**M760875**	**167.11**	**QC**		**J600092 Pulp: 3.33% C (medium)**	3.26	0.03	7	1	570	2	0.07	1.05	0.03
Z12-4F6	**M760876**	167.11	169.00	1.89	Graphitic brecciated syenitic gneiss; trace pyrite	2.47	0.07	6.88	7.8	670	4.91	0.06	1.12	0.11
Z12-4F6	**M760877**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.41	0.13	7.01	9.9	750	3.3	0.04	1.01	0.27
Z12-4F6	**M760878**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.34	0.08	6.93	3.8	690	1.57	0.02	1.11	0.17
Z12-4F6	**M760879**	175.00	178.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.24	0.09	6.96	3.2	760	1.6	0.04	0.76	0.21
Z12-4F6	**M760880**	178.00	180.37	2.37	Graphitic overprinted syenitic gneiss; trace pyrite	1.28	0.05	6.67	3.8	800	1.63	0.05	0.72	0.1
Z12-4F6	**M760881**	180.37	182.55	2.18	Graphitic brecciated syenitic gneiss; trace pyrite	4.37	0.06	6.55	6.6	950	2.71	0.12	0.49	0.03
Z12-4F6	**M760882**	182.55	186.00	3.45	Graphitic overprinted syenitic gneiss; trace pyrite	0.53	0.08	7.15	4.3	820	2.33	0.05	0.89	0.23
Z12-4F6	**M760883**	186.00	189.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.36	0.06	6.91	3.3	660	2.05	0.02	1.17	0.08

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm
Z12-4F6	**M760884**	189.00	192.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.27	0.09	6.93	1.5	650	1.09	0.02	1.01	0.06
Z12-4F6	**M760885**	192.00	195.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.31	0.06	7.27	7.4	730	3.42	0.04	1.21	0.07
Z12-4F6	**M760886**	195.00	198.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.32	0.06	6.72	1.2	640	2.79	0.03	0.96	0.06
Z12-4F6	**M760887**	198.00	201.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.29	0.05	6.8	0.8	650	1.53	0.02	0.96	0.07
Z12-4F6	**M760888**	201.00	204.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.38	0.05	7.24	4.6	610	3.64	0.08	0.89	0.06
Z12-4F6	**M760889**	204.00	207.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.52	0.04	7.54	0.8	350	1.57	0.04	1.72	0.06
Z12-4F6	**M760890**	207.00	210.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.31	0.03	6.83	1.2	670	1.83	0.02	1	0.05
Z12-4F6	**M760891**	210.00	213.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.3	0.03	7.06	1	680	2.22	0.05	1.17	0.09
Z12-4F6	**M760892**	213.00	216.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.31	0.03	6.81	3.8	900	2.9	0.05	0.88	0.13
Z12-4F6	**M760893**	216.00	219.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.28	0.05	7.09	1	760	1.7	0.02	1	0.06
Z12-4F6	**M760894**	219.00	222.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.45	0.04	6.96	1.3	540	2.44	0.03	1.03	0.11
Z12-4F6	**M760895**	300.90	301.31	0.41	a 7cm long zone of criss-crossing submillimeter graphitic veins at 301.12m	0.29	0.03	6.87	1.1	630	1.45	0.01	1.03	0.24
Z12-4F6	**M760896**	303.60	304.00	0.40	3-6mm thick graphite-rich vein at 303.90 oriented @CAA35	0.62	0.05	6.72	9.4	2490	23.6	0.12	1.11	0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm	Ge_ppm	Hf_ppm
Z12-4F6	**M760837**	61.30	64.00	2.70	Graphitic overprinted syenitic gneiss; trace pyrite	34.3	2.4	8	3.53	5.9	1.13	20.4	0.11	3.2
Z12-4F6	**M760838**	64.00	67.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	39.7	4.7	49	5.5	9.2	1.53	21.8	0.14	2.9
Z12-4F6	**M760839**	67.00	70.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	32.5	3	23	3.65	9.1	1.3	22	0.13	2.9
Z12-4F6	**M760840**	70.00	73.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	48.6	5.5	52	2.41	10.3	1.96	21.7	0.19	3.6
Z12-4F6	**M760841**	73.00	76.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	49.5	1.6	10	2.29	7.7	1.12	20.4	0.12	2.5
Z12-4F6	**M760842**	76.00	79.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	36.6	1.5	10	2.41	3.5	1.09	17.7	<0.05	2.4
Z12-4F6	**M760843**	79.00	82.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	47.2	1.7	10	3.21	9.1	1.19	18.35	0.1	3.1
Z12-4F6	**M760844**	82.00	85.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	89.7	2	19	4.71	16.4	1.8	20.5	0.16	5.2
Z12-4F6	**M760845**	85.00	88.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	213	0.8	7	5.69	6.2	3.3	25.7	0.35	8.2
Z12-4F6	**M760846**	88.00	91.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	47.6	1.7	12	3.26	7.1	1.15	19.05	0.09	2.8
Z12-4F6	**M760847**	91.00	94.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	77.1	6.6	76	4.36	7.9	1.9	23	0.21	2.8
Z12-4F6	**M760848**	94.00	97.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	75.6	18.2	119	3.53	23.9	3.07	22	0.28	5
Z12-4F6	**M760849**	97.00	100.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	79.8	30.1	226	6.09	51	4.34	20.3	0.28	5.1
Z12-4F6	**M760850**	100.00	**QC**		**J600100 Pulp: 10% C (high)**	47.9	3.3	23	0.98	11.1	1.53	16.8	0.09	2.4
Z12-4F6	**M760851**	100.00	103.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	110.5	27.4	210	4.08	55.2	5	18.75	0.2	6.6
Z12-4F6	**M760852**	103.00	106.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	56.3	2	11	2.44	8.5	1.35	19.55	0.1	2.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm	Ge_ppm	Hf_ppm
Z12-4F6	**M760853**	106.00	109.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	49.3	1.7	10	3.35	8.6	1.27	21.1	0.11	2.8
Z12-4F6	**M760854**	109.00	112.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	37.3	1.5	11	3.05	6.2	1.22	19.25	0.09	2.7
Z12-4F6	**M760855**	112.00	115.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	37.4	1.6	10	2.95	6.8	1.24	19.95	0.09	2.7
Z12-4F6	**M760856**	115.00	118.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	33.5	1.6	11	2.32	4.3	1.21	18.5	0.11	2.8
Z12-4F6	**M760857**	118.00	121.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	99.7	24.4	163	4.85	52.9	3.62	19.1	0.19	4.3
Z12-4F6	**M760858**	121.00	124.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	32.9	2.4	24	3	7.8	1.35	18.9	0.09	2.8
Z12-4F6	**M760859**	124.00	127.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	35.2	1.4	11	2.5	5.1	1.23	19.75	0.09	2.8
Z12-4F6	**M760860**	127.00	130.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	71.3	2	11	2.31	9	1.37	20.9	0.15	2.7
Z12-4F6	**M760861**	130.00	133.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	34.9	1.8	11	2.74	6.8	1.22	19.1	0.1	2.5
Z12-4F6	**M760862**	133.00	136.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	86	1.9	12	2.89	6.2	1.31	19.95	0.15	2.5
Z12-4F6	**M760863**	136.00	139.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	30.5	1.6	11	2.17	8.8	1.19	19.25	0.09	2.3
Z12-4F6	**M760864**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	35.5	1.8	16	2.63	9	1.05	20.1	0.1	2
Z12-4F6	**M760865**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	39.8	1.6	11	2.53	5.6	1.21	18.8	0.09	2.4
Z12-4F6	**M760866**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	67	1.8	9	2.73	7.3	1.15	19.55	0.11	2.6
Z12-4F6	**M760867**	148.00	151.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	46	1.8	11	2.69	13.5	1.12	19.15	0.12	2.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm	Ge_ppm	Hf_ppm
Z12-4F6	**M760868**	151.00	152.84	1.84	Graphitic overprinted syenitic gneiss; trace pyrite	57	5.1	11	5.8	15.1	2.04	19.6	0.12	2.9
Z12-4F6	**M760869**	152.84	154.69	1.85	Graphitic overprinted syenitic gneiss; trace pyrite	57.4	1.8	11	3.91	10.8	1.18	18.65	0.13	2.4
Z12-4F6	**M760870**	154.69	155.95	1.26	Graphitic brecciated syenitic gneiss; trace pyrite	41	2.2	11	4.12	18.1	1.32	19.5	0.09	2.9
Z12-4F6	**M760871**	155.95	158.68	2.73	Graphitic overprinted syenitic gneiss; trace pyrite	49.1	2	11	3.93	14.6	1.24	19.7	0.1	3.2
Z12-4F6	**M760872**	158.68	161.45	2.77	Graphitic overprinted syenitic gneiss; trace pyrite	49.9	2.1	16	3.88	10.6	1.22	20.2	0.11	2.7
Z12-4F6	**M760873**	161.45	164.24	2.79	Graphitic overprinted syenitic gneiss; trace pyrite	41.2	2.3	11	3.09	13	1.25	19.9	0.1	2.8
Z12-4F6	**M760874**	164.24	167.11	2.87	Graphitic overprinted syenitic gneiss; trace pyrite	75.4	1.9	13	2.74	15.6	1.13	19.4	0.14	2.7
Z12-4F6	**M760875**	**167.11**	**QC**		**J600092 Pulp: 3.33% C (medium)**	40.7	3	16	2.24	11.4	1.57	19.45	0.08	2.4
Z12-4F6	**M760876**	167.11	169.00	1.89	Graphitic brecciated syenitic gneiss; trace pyrite	60.2	2	18	4.25	18.7	1.15	19.5	0.13	2.8
Z12-4F6	**M760877**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	106.5	2.4	25	4.54	18.4	1.33	20.7	0.16	3.2
Z12-4F6	**M760878**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	34.1	1.6	10	3.23	13	1.06	19.55	0.1	2.5
Z12-4F6	**M760879**	175.00	178.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	31.5	1.3	10	3.81	5.9	1.01	18.9	0.1	3
Z12-4F6	**M760880**	178.00	180.37	2.37	Graphitic overprinted syenitic gneiss; trace pyrite	37.6	1.6	12	3.47	12.6	1.05	18.4	0.1	2.6
Z12-4F6	**M760881**	180.37	182.55	2.18	Graphitic brecciated syenitic gneiss; trace pyrite	49.3	2.4	15	3.74	10.8	1.23	18.3	0.12	2.2
Z12-4F6	**M760882**	182.55	186.00	3.45	Graphitic overprinted syenitic gneiss; trace pyrite	54.9	1.5	11	2.64	15	1.05	18.7	0.12	2.7
Z12-4F6	**M760883**	186.00	189.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	103.5	1.4	17	2.71	7.3	1.12	19.15	0.15	2.8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm	Ge_ppm	Hf_ppm
Z12-4F6	**M760884**	189.00	192.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	25.6	1.3	12	2.46	8.3	1.12	19.6	0.09	2.7
Z12-4F6	**M760885**	192.00	195.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	109.5	3.6	28	4.65	9.5	1.95	20.2	0.18	3.9
Z12-4F6	**M760886**	195.00	198.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	170.5	1.1	12	2.13	8.8	1.14	18.75	0.13	2.6
Z12-4F6	**M760887**	198.00	201.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	36.5	1	12	1.66	7	0.97	19.05	0.07	2.5
Z12-4F6	**M760888**	201.00	204.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	166	1.2	8	2.42	9.7	1.38	21.8	0.14	3.9
Z12-4F6	**M760889**	204.00	207.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	33.7	2.5	12	3.25	16.9	1.57	20.8	0.07	2.9
Z12-4F6	**M760890**	207.00	210.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	105	1.1	11	2.16	5.6	1	19.15	0.12	2.4
Z12-4F6	**M760891**	210.00	213.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	50.4	2.7	11	3.16	9.9	1.24	20.7	0.09	2.6
Z12-4F6	**M760892**	213.00	216.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	58.2	1.2	13	2.18	9.4	0.93	19.75	0.1	2.6
Z12-4F6	**M760893**	216.00	219.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	30.4	1.3	11	2.41	12.6	1.02	20.3	0.07	2.5
Z12-4F6	**M760894**	219.00	222.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	28.7	1.5	10	2.78	12.2	1.02	19.95	0.06	2.9
Z12-4F6	**M760895**	300.90	301.31	0.41	a 7cm long zone of criss-crossing submillimeter graphitic veins at 301.12m	23.9	1.2	7	1.79	11.2	1.05	20.8	0.07	2.6
Z12-4F6	**M760896**	303.60	304.00	0.40	3-6mm thick graphite-rich vein at 303.90 oriented @CAA35	387	2.3	11	2.82	12.7	1.84	21.5	0.36	2.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm
Z12-4F6	**M760837**	61.30	64.00	2.70	Graphitic overprinted syenitic gneiss; trace pyrite	0.011	4.8	20	72.1	0.29	169	0.27	1.44	22.5
Z12-4F6	**M760838**	64.00	67.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.013	3.87	20.5	99	0.7	269	0.64	2.09	42.5
Z12-4F6	**M760839**	67.00	70.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.012	3.15	18.2	94.4	0.4	212	0.45	2.56	23.3
Z12-4F6	**M760840**	70.00	73.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.02	2.49	25.8	83.6	0.85	364	0.48	2.69	32.4
Z12-4F6	**M760841**	73.00	76.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.014	3.08	26.1	79.2	0.2	237	0.54	2.91	11.1
Z12-4F6	**M760842**	76.00	79.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.014	2.96	22.5	71.1	0.19	232	0.63	2.77	8
Z12-4F6	**M760843**	79.00	82.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.016	2.94	27.9	65	0.21	231	1.43	2.75	26.3
Z12-4F6	**M760844**	82.00	85.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.04	3.38	48.9	60.9	0.35	370	1.17	3.07	73.5
Z12-4F6	**M760845**	85.00	88.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.092	3.81	117	46.9	0.13	770	4.44	3.74	137
Z12-4F6	**M760846**	88.00	91.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.018	3.28	29.1	87.4	0.19	179	0.67	2.79	11.5
Z12-4F6	**M760847**	91.00	94.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.02	2.92	43.5	92.7	1.09	274	3.57	2.85	33
Z12-4F6	**M760848**	94.00	97.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.025	2.2	38.1	79.5	2.31	678	2.83	2.94	55.7
Z12-4F6	**M760849**	97.00	100.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.038	1.94	41	91.4	3.72	893	1.8	2.46	83.7
Z12-4F6	**M760850**	100.00	**QC**		**J600100 Pulp: 10% C (high)**	0.027	2.28	28.5	14.4	0.36	251	1.6	3.45	19.7
Z12-4F6	**M760851**	100.00	103.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.046	2.15	57.8	78.7	4.22	861	3.57	3.11	87.9
Z12-4F6	**M760852**	103.00	106.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.008	2.84	33.3	52.2	0.32	242	5.18	3.29	18.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm
Z12-4F6	**M760853**	106.00	109.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.007	2.81	30.5	57.5	0.19	234	1.41	3.14	13.5
Z12-4F6	**M760854**	109.00	112.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	2.77	22.3	78.6	0.17	233	2.43	3	9.7
Z12-4F6	**M760855**	112.00	115.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.11	23	73	0.19	284	0.69	2.9	13.3
Z12-4F6	**M760856**	115.00	118.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	2.71	19.8	58.2	0.19	204	0.3	3.07	9.4
Z12-4F6	**M760857**	118.00	121.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.033	2.56	52.3	66.6	3.29	891	0.81	2.76	89
Z12-4F6	**M760858**	121.00	124.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.008	3.16	18.6	51.7	0.36	262	0.49	3.13	14.2
Z12-4F6	**M760859**	124.00	127.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.16	20.3	48	0.18	228	0.28	3.05	11
Z12-4F6	**M760860**	127.00	130.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.008	3.57	37.4	61.8	0.4	277	0.76	2.75	14.3
Z12-4F6	**M760861**	130.00	133.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.58	21.7	55.2	0.29	211	0.94	2.81	19.7
Z12-4F6	**M760862**	133.00	136.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.85	48.4	67.9	0.37	175	1.14	2.81	13.4
Z12-4F6	**M760863**	136.00	139.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.005	3.17	18.6	42	0.19	219	34.6	3.1	12.9
Z12-4F6	**M760864**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.93	20.1	49.3	0.27	226	1.07	2.88	23
Z12-4F6	**M760865**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	2.98	24	43	0.19	255	1.94	3.08	14.7
Z12-4F6	**M760866**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.59	43.3	55.5	0.33	213	1.59	2.77	16.3
Z12-4F6	**M760867**	148.00	151.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.007	3.12	25.1	42.2	0.27	261	1.05	3.33	16.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm
Z12-4F6	**M760868**	151.00	152.84	1.84	Graphitic overprinted syenitic gneiss; trace pyrite	0.007	2.7	33.5	89.3	0.61	399	0.61	3.61	13.4
Z12-4F6	**M760869**	152.84	154.69	1.85	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	2.9	32.6	45.8	0.26	269	2.62	3.48	12.5
Z12-4F6	**M760870**	154.69	155.95	1.26	Graphitic brecciated syenitic gneiss; trace pyrite	<0.005	3.22	25.4	80.6	0.32	183	2.46	2.99	15.9
Z12-4F6	**M760871**	155.95	158.68	2.73	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.05	27.3	51.3	0.23	237	0.89	3.23	20.2
Z12-4F6	**M760872**	158.68	161.45	2.77	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.26	29.5	46.5	0.29	269	0.84	3.48	15.1
Z12-4F6	**M760873**	161.45	164.24	2.79	Graphitic overprinted syenitic gneiss; trace pyrite	0.008	3.38	24.7	56.5	0.23	233	1.43	3.05	11.2
Z12-4F6	**M760874**	164.24	167.11	2.87	Graphitic overprinted syenitic gneiss; trace pyrite	0.009	3.6	40.9	52	0.25	261	5.4	3.21	13.7
Z12-4F6	**M760875**	**167.11**	**QC**		**J600092 Pulp: 3.33% C (medium)**	0.01	3	23.8	21.6	0.31	242	0.5	3.33	13.7
Z12-4F6	**M760876**	167.11	169.00	1.89	Graphitic brecciated syenitic gneiss; trace pyrite	<0.005	2.92	33	66.6	0.32	206	1.51	3.19	13.1
Z12-4F6	**M760877**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.48	65.9	94.6	0.41	259	4.9	3.07	34
Z12-4F6	**M760878**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.005	3.96	18.7	57.7	0.23	301	0.58	2.63	10.1
Z12-4F6	**M760879**	175.00	178.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	4.06	18.1	48.1	0.18	245	0.77	2.67	16.4
Z12-4F6	**M760880**	178.00	180.37	2.37	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.88	23.4	37.5	0.19	145	0.53	2.68	11.8
Z12-4F6	**M760881**	180.37	182.55	2.18	Graphitic brecciated syenitic gneiss; trace pyrite	<0.005	3.86	31.4	52.5	0.36	122	0.62	2.58	17.5
Z12-4F6	**M760882**	182.55	186.00	3.45	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.81	33.4	44.1	0.17	204	1.46	3.01	7.9
Z12-4F6	**M760883**	186.00	189.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.47	70.5	45.2	0.25	278	2.48	2.94	8.7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm
Z12-4F6	**M760884**	189.00	192.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	<0.005	3.13	14.4	55.9	0.12	205	0.3	3.07	7
Z12-4F6	**M760885**	192.00	195.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.009	3.31	65.8	75.8	0.45	419	2.06	3.24	54.7
Z12-4F6	**M760886**	195.00	198.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.008	3.24	105.5	61.5	0.18	262	1.32	2.88	9.7
Z12-4F6	**M760887**	198.00	201.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.008	3.29	19.2	39.9	0.12	201	0.55	2.84	8.1
Z12-4F6	**M760888**	201.00	204.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.012	3.39	95.3	83.6	0.25	317	4.98	3.16	63.4
Z12-4F6	**M760889**	204.00	207.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.011	1.46	17.2	99.4	0.26	276	0.74	3.68	15.7
Z12-4F6	**M760890**	207.00	210.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.008	3.31	49.9	49	0.13	230	1.64	2.83	10.4
Z12-4F6	**M760891**	210.00	213.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.012	3.24	23.6	66	0.32	265	1.49	2.88	10.7
Z12-4F6	**M760892**	213.00	216.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.01	3.47	26.9	57.9	0.29	221	3.86	2.86	16.5
Z12-4F6	**M760893**	216.00	219.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.01	3.29	15.1	50.4	0.14	189	1.4	2.97	10
Z12-4F6	**M760894**	219.00	222.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.008	2.74	14.1	56.3	0.17	198	0.61	3.08	12.1
Z12-4F6	**M760895**	300.90	301.31	0.41	a 7cm long zone of criss-crossing submillimeter graphitic veins at 301.12m	0.011	2.99	12.6	42.8	0.15	343	0.8	3.01	12
Z12-4F6	**M760896**	303.60	304.00	0.40	3-6mm thick graphite-rich vein at 303.90 oriented @CAA35	0.028	3.13	195.5	86.2	0.52	738	3.02	2.97	17.8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm	Se_ppm
Z12-4F6	**M760837**	61.30	64.00	2.70	Graphitic overprinted syenitic gneiss; trace pyrite	7	170	7.8	85.6	<0.002	0.02	0.07	2.5	1
Z12-4F6	**M760838**	64.00	67.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	28.9	260	8.9	143.5	<0.002	0.08	0.13	5	1
Z12-4F6	**M760839**	67.00	70.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	12.8	200	11.5	121	<0.002	0.13	0.11	3.2	1
Z12-4F6	**M760840**	70.00	73.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	37.4	600	11.5	93.9	<0.002	0.11	0.22	5.1	1
Z12-4F6	**M760841**	73.00	76.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.5	190	14	101.5	<0.002	0.12	0.08	2.3	1
Z12-4F6	**M760842**	76.00	79.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.7	150	17.4	102	<0.002	0.09	0.06	2	<1
Z12-4F6	**M760843**	79.00	82.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.8	160	18.9	113.5	<0.002	0.14	0.12	1.7	<1
Z12-4F6	**M760844**	82.00	85.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	6.1	200	19.4	149.5	<0.002	0.17	0.19	2.3	1
Z12-4F6	**M760845**	85.00	88.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.8	180	17.5	206	<0.002	0.08	0.23	2.8	2
Z12-4F6	**M760846**	88.00	91.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.7	190	17.9	101	<0.002	0.12	0.1	1.9	1
Z12-4F6	**M760847**	91.00	94.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	28.7	310	14.3	130	<0.002	0.16	0.31	5.5	1
Z12-4F6	**M760848**	94.00	97.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	126.5	910	10	83.8	<0.002	0.12	0.39	8.1	2
Z12-4F6	**M760849**	97.00	100.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	179.5	1170	7.6	94.5	<0.002	0.16	0.51	14.2	2
Z12-4F6	**M760850**	100.00	**QC**		**J600100 Pulp: 10% C (high)**	9.3	280	12.7	66.6	0.002	0.39	0.26	3	<1
Z12-4F6	**M760851**	100.00	103.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	153	1800	9.4	91	0.002	0.2	0.44	12.1	1
Z12-4F6	**M760852**	103.00	106.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	4.5	260	14.4	117.5	0.005	0.1	0.15	2.1	<1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm	Se_ppm
Z12-4F6	**M760853**	106.00	109.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.7	190	17.1	121.5	0.002	0.12	0.14	2	<1
Z12-4F6	**M760854**	109.00	112.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	190	14.2	108	0.004	0.07	0.08	2	<1
Z12-4F6	**M760855**	112.00	115.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	4	180	16.1	116.5	0.002	0.14	0.12	1.9	<1
Z12-4F6	**M760856**	115.00	118.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	160	12.6	100	<0.002	0.08	0.09	1.8	<1
Z12-4F6	**M760857**	118.00	121.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	176.5	1220	14.1	114	0.002	0.16	0.31	10	1
Z12-4F6	**M760858**	121.00	124.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	7.3	180	15.8	121	0.002	0.16	0.13	2.5	<1
Z12-4F6	**M760859**	124.00	127.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	170	15	119	<0.002	0.11	0.09	2	<1
Z12-4F6	**M760860**	127.00	130.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	4.2	690	20	122.5	<0.002	0.13	0.14	2.1	1
Z12-4F6	**M760861**	130.00	133.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	3.2	210	19.8	113	0.003	0.16	0.13	1.6	<1
Z12-4F6	**M760862**	133.00	136.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	3.2	160	14	125.5	<0.002	0.23	0.14	1.7	1
Z12-4F6	**M760863**	136.00	139.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.8	130	15.7	113	0.056	0.2	0.12	1.6	<1
Z12-4F6	**M760864**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	6.1	100	21.9	133.5	0.002	0.13	0.12	1.8	<1
Z12-4F6	**M760865**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	140	13.6	106.5	0.002	0.18	0.13	1.7	<1
Z12-4F6	**M760866**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.1	160	16.8	127	0.002	0.15	0.17	1.8	<1
Z12-4F6	**M760867**	148.00	151.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.9	260	27.5	128.5	0.002	0.13	0.18	2	<1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm	Se_ppm
Z12-4F6	**M760868**	151.00	152.84	1.84	Graphitic overprinted syenitic gneiss; trace pyrite	7.8	660	39.3	153	<0.002	0.18	0.13	3.5	<1
Z12-4F6	**M760869**	152.84	154.69	1.85	Graphitic overprinted syenitic gneiss; trace pyrite	3	200	36.7	140	0.002	0.07	0.14	2.1	1
Z12-4F6	**M760870**	154.69	155.95	1.26	Graphitic brecciated syenitic gneiss; trace pyrite	3.6	200	12.7	123.5	0.003	0.33	0.11	2.5	<1
Z12-4F6	**M760871**	155.95	158.68	2.73	Graphitic overprinted syenitic gneiss; trace pyrite	2.9	190	32.3	141	0.002	0.19	0.14	2.1	<1
Z12-4F6	**M760872**	158.68	161.45	2.77	Graphitic overprinted syenitic gneiss; trace pyrite	4.7	220	30.9	155	0.003	0.09	0.17	2.4	1
Z12-4F6	**M760873**	161.45	164.24	2.79	Graphitic overprinted syenitic gneiss; trace pyrite	3.3	180	42	128	0.002	0.16	0.16	1.9	<1
Z12-4F6	**M760874**	164.24	167.11	2.87	Graphitic overprinted syenitic gneiss; trace pyrite	2.9	200	37.1	142.5	0.002	0.18	0.2	2.1	<1
Z12-4F6	**M760875**	**167.11**	**QC**		**J600092 Pulp: 3.33% C (medium)**	5.9	270	14.7	124.5	0.002	0.32	0.16	3.3	<1
Z12-4F6	**M760876**	167.11	169.00	1.89	Graphitic brecciated syenitic gneiss; trace pyrite	5.9	220	17.9	128	0.002	0.23	0.13	2.4	1
Z12-4F6	**M760877**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	7.8	240	29.3	161	0.003	0.2	0.16	2.7	<1
Z12-4F6	**M760878**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.5	140	31.7	122	0.003	0.12	0.1	2.1	<1
Z12-4F6	**M760879**	175.00	178.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.8	140	42.9	137.5	<0.002	0.13	0.12	2	<1
Z12-4F6	**M760880**	178.00	180.37	2.37	Graphitic overprinted syenitic gneiss; trace pyrite	1.7	130	18.2	138.5	0.002	0.32	0.15	1.8	<1
Z12-4F6	**M760881**	180.37	182.55	2.18	Graphitic brecciated syenitic gneiss; trace pyrite	5.9	150	6.7	122.5	0.002	0.4	0.11	2.4	<1
Z12-4F6	**M760882**	182.55	186.00	3.45	Graphitic overprinted syenitic gneiss; trace pyrite	1.8	120	29.1	125	0.002	0.29	0.11	1.8	<1
Z12-4F6	**M760883**	186.00	189.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	5.2	110	20.9	119.5	0.004	0.16	0.1	2	<1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm	Se_ppm
Z12-4F6	**M760884**	189.00	192.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	110	19.2	117	0.002	0.18	0.08	1.8	<1
Z12-4F6	**M760885**	192.00	195.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	9.9	300	22.1	145.5	<0.002	0.14	0.12	3.4	<1
Z12-4F6	**M760886**	195.00	198.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	150	23	109	<0.002	0.18	0.1	1.7	1
Z12-4F6	**M760887**	198.00	201.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	110	22	106	<0.002	0.16	0.07	1.5	1
Z12-4F6	**M760888**	201.00	204.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.2	140	21.3	132	<0.002	0.23	0.13	1.6	1
Z12-4F6	**M760889**	204.00	207.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.6	300	21.4	66	<0.002	0.32	0.07	2.2	1
Z12-4F6	**M760890**	207.00	210.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.2	110	19.1	111.5	<0.002	0.14	0.09	1.5	1
Z12-4F6	**M760891**	210.00	213.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	9.2	180	24.1	119	<0.002	0.22	0.07	2.4	1
Z12-4F6	**M760892**	213.00	216.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2	120	18.9	132.5	0.002	0.12	0.12	2.2	1
Z12-4F6	**M760893**	216.00	219.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	110	19.8	113.5	<0.002	0.19	0.07	1.7	1
Z12-4F6	**M760894**	219.00	222.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.5	100	25.3	105.5	<0.002	0.25	0.08	2.2	1
Z12-4F6	**M760895**	300.90	301.31	0.41	a 7cm long zone of criss-crossing submillimeter graphitic veins at 301.12m	1.1	160	39.9	117	<0.002	0.15	0.07	2.2	1
Z12-4F6	**M760896**	303.60	304.00	0.40	3-6mm thick graphite-rich vein at 303.90 oriented @CAA35	6	250	17.6	135.5	0.002	0.14	0.12	2.8	5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm
Z12-4F6	**M760837**	61.30	64.00	2.70	Graphitic overprinted syenitic gneiss; trace pyrite	1.2	130.5	1.52	<0.05	6.9	0.076	0.53	1	8
Z12-4F6	**M760838**	64.00	67.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.5	170	1.59	0.05	7.6	0.199	0.67	1.7	17
Z12-4F6	**M760839**	67.00	70.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.2	174.5	1.09	<0.05	6.3	0.11	0.56	1.2	11
Z12-4F6	**M760840**	70.00	73.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.7	208	1.4	0.05	6.5	0.216	0.46	1	25
Z12-4F6	**M760841**	73.00	76.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.2	199	1.01	<0.05	6.2	0.074	0.55	1.8	6
Z12-4F6	**M760842**	76.00	79.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	199.5	0.82	<0.05	5.4	0.077	0.63	2.8	7
Z12-4F6	**M760843**	79.00	82.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	193	2.1	0.05	10.9	0.075	0.59	3	5
Z12-4F6	**M760844**	82.00	85.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.3	169	5.66	0.08	16.6	0.113	0.69	5.4	7
Z12-4F6	**M760845**	85.00	88.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	3.6	72.8	7.62	0.11	24.4	0.156	0.72	6.4	2
Z12-4F6	**M760846**	88.00	91.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	206	0.97	<0.05	6.3	0.083	0.6	1.6	7
Z12-4F6	**M760847**	91.00	94.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.8	270	1.35	0.06	7.8	0.161	0.71	2.1	22
Z12-4F6	**M760848**	94.00	97.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2	320	2.31	0.05	8.2	0.44	0.67	1.5	53
Z12-4F6	**M760849**	97.00	100.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.2	323	3.05	0.08	10.9	0.65	0.76	1.7	91
Z12-4F6	**M760850**	100.00	**QC**		**J600100 Pulp: 10% C (high)**	1.9	239	0.99	<0.05	9.7	0.099	0.28	2.1	14
Z12-4F6	**M760851**	100.00	103.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.4	502	4.51	<0.05	16	0.931	0.78	3.2	109
Z12-4F6	**M760852**	103.00	106.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	226	1.05	<0.05	17.8	0.096	0.56	1.9	8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm
Z12-4F6	**M760853**	106.00	109.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	203	1.23	<0.05	10.6	0.08	0.68	3	7
Z12-4F6	**M760854**	109.00	112.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	191	1.09	<0.05	8.7	0.078	0.57	2.2	6
Z12-4F6	**M760855**	112.00	115.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.2	191.5	0.89	<0.05	6.1	0.08	0.58	1.5	6
Z12-4F6	**M760856**	115.00	118.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	193.5	0.69	<0.05	6.3	0.08	0.51	1.1	6
Z12-4F6	**M760857**	118.00	121.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	3.2	483	2.9	<0.05	15.1	0.593	1.07	2	77
Z12-4F6	**M760858**	121.00	124.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.4	179.5	0.91	<0.05	6.1	0.08	0.68	1.6	9
Z12-4F6	**M760859**	124.00	127.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	180	0.76	<0.05	7.4	0.078	0.62	1.6	6
Z12-4F6	**M760860**	127.00	130.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	181.5	0.71	<0.05	15.8	0.07	0.66	1.7	6
Z12-4F6	**M760861**	130.00	133.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	190	0.76	<0.05	6.4	0.084	0.63	1.2	6
Z12-4F6	**M760862**	133.00	136.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	172	0.64	<0.05	14.2	0.077	0.6	1.1	6
Z12-4F6	**M760863**	136.00	139.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	208	0.59	<0.05	6	0.07	0.55	0.8	5
Z12-4F6	**M760864**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.4	215	0.47	<0.05	18.2	0.059	0.64	2.6	5
Z12-4F6	**M760865**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	191.5	0.59	<0.05	5.3	0.082	0.6	0.8	5
Z12-4F6	**M760866**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	169	0.69	<0.05	8.8	0.076	0.7	1.5	7
Z12-4F6	**M760867**	148.00	151.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.4	378	0.95	<0.05	10.1	0.083	0.68	2.1	7

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm
Z12-4F6	**M760868**	151.00	152.84	1.84	Graphitic overprinted syenitic gneiss; trace pyrite	1.7	428	0.9	<0.05	10.3	0.13	0.96	2.1	20
Z12-4F6	**M760869**	152.84	154.69	1.85	Graphitic overprinted syenitic gneiss; trace pyrite	1.9	320	0.76	<0.05	16.6	0.084	0.75	1.8	8
Z12-4F6	**M760870**	154.69	155.95	1.26	Graphitic brecciated syenitic gneiss; trace pyrite	0.9	220	0.99	<0.05	9.5	0.094	0.75	2.1	8
Z12-4F6	**M760871**	155.95	158.68	2.73	Graphitic overprinted syenitic gneiss; trace pyrite	1.5	245	1.46	<0.05	24.6	0.086	0.75	3.4	6
Z12-4F6	**M760872**	158.68	161.45	2.77	Graphitic overprinted syenitic gneiss; trace pyrite	1.9	274	0.84	<0.05	10.6	0.087	0.85	1.6	8
Z12-4F6	**M760873**	161.45	164.24	2.79	Graphitic overprinted syenitic gneiss; trace pyrite	1	222	0.75	<0.05	7.7	0.081	0.7	1.9	6
Z12-4F6	**M760874**	164.24	167.11	2.87	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	252	0.73	<0.05	16.8	0.079	0.76	1.5	6
Z12-4F6	**M760875**	**167.11**	**QC**		**J600092 Pulp: 3.33% C (medium)**	1.3	250	1.1	<0.05	7.5	0.102	0.47	3.2	14
Z12-4F6	**M760876**	167.11	169.00	1.89	Graphitic brecciated syenitic gneiss; trace pyrite	1.1	238	0.7	<0.05	10.8	0.092	0.74	1.4	8
Z12-4F6	**M760877**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	245	2.27	<0.05	12.8	0.097	0.84	3.7	10
Z12-4F6	**M760878**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	172	0.45	<0.05	5.5	0.06	0.63	1.2	4
Z12-4F6	**M760879**	175.00	178.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1	174	0.98	<0.05	6.7	0.058	0.75	2.7	4
Z12-4F6	**M760880**	178.00	180.37	2.37	Graphitic overprinted syenitic gneiss; trace pyrite	0.7	195	0.43	<0.05	6.4	0.057	0.7	1.4	4
Z12-4F6	**M760881**	180.37	182.55	2.18	Graphitic brecciated syenitic gneiss; trace pyrite	1	231	0.44	<0.05	14.4	0.052	0.67	1	6
Z12-4F6	**M760882**	182.55	186.00	3.45	Graphitic overprinted syenitic gneiss; trace pyrite	0.9	241	0.28	<0.05	14.7	0.058	0.75	1	4
Z12-4F6	**M760883**	186.00	189.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1	209	0.53	<0.05	7.2	0.054	0.69	1.2	5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm
Z12-4F6	**M760884**	189.00	192.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.9	190	0.55	<0.05	5	0.059	0.78	1.9	4
Z12-4F6	**M760885**	192.00	195.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.8	237	3	<0.05	20.2	0.11	0.86	3.9	12
Z12-4F6	**M760886**	195.00	198.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1	179	0.64	<0.05	11.4	0.064	0.65	1.4	4
Z12-4F6	**M760887**	198.00	201.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.7	164.5	0.41	<0.05	10	0.056	0.61	1	4
Z12-4F6	**M760888**	201.00	204.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.1	155	3.92	<0.05	16.5	0.06	0.61	3	5
Z12-4F6	**M760889**	204.00	207.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1	302	1.15	<0.05	5.3	0.122	0.51	1.6	11
Z12-4F6	**M760890**	207.00	210.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.8	181	0.56	<0.05	5.6	0.057	0.62	1.3	5
Z12-4F6	**M760891**	210.00	213.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	238	0.92	<0.05	5	0.081	0.72	1.6	10
Z12-4F6	**M760892**	213.00	216.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	281	0.49	<0.05	7.6	0.068	0.66	0.9	7
Z12-4F6	**M760893**	216.00	219.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.8	202	0.69	<0.05	5.9	0.061	0.63	1.2	5
Z12-4F6	**M760894**	219.00	222.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.7	247	1.19	<0.05	8.5	0.063	0.52	2.7	7
Z12-4F6	**M760895**	300.90	301.31	0.41	a 7cm long zone of criss-crossing submillimeter graphitic veins at 301.12m	1	175	0.88	<0.05	4	0.067	0.64	4.4	5
Z12-4F6	**M760896**	303.60	304.00	0.40	3-6mm thick graphite-rich vein at 303.90 oriented @CAA35	1.9	727	0.87	<0.05	117	0.054	0.63	2.8	6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Z12-4F6	**M760837**	61.30	64.00	2.70	Graphitic overprinted syenitic gneiss; trace pyrite	1	9.1	35	97.8
Z12-4F6	**M760838**	64.00	67.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.2	12.7	41	88
Z12-4F6	**M760839**	67.00	70.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.8	7.7	33	92.1
Z12-4F6	**M760840**	70.00	73.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.9	12.5	44	117
Z12-4F6	**M760841**	73.00	76.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.7	8.1	43	84.1
Z12-4F6	**M760842**	76.00	79.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.6	6.2	46	71.5
Z12-4F6	**M760843**	79.00	82.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.8	9.9	72	100
Z12-4F6	**M760844**	82.00	85.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2	21.5	69	207
Z12-4F6	**M760845**	85.00	88.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.6	38.3	96	391
Z12-4F6	**M760846**	88.00	91.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1	7.5	77	89.4
Z12-4F6	**M760847**	91.00	94.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.2	15.1	54	97
Z12-4F6	**M760848**	94.00	97.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.3	18	44	190
Z12-4F6	**M760849**	97.00	100.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	3.6	20.6	59	179
Z12-4F6	**M760850**	100.00	**QC**		**J600100 Pulp: 10% C (high)**	0.7	10.3	22	75
Z12-4F6	**M760851**	100.00	103.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	6.2	29.4	57	342
Z12-4F6	**M760852**	103.00	106.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.4	8.9	33	89.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Z12-4F6	**M760853**	106.00	109.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.9	9	51	87.5
Z12-4F6	**M760854**	109.00	112.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.7	7.1	50	80.1
Z12-4F6	**M760855**	112.00	115.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1	7.1	35	83.7
Z12-4F6	**M760856**	115.00	118.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.7	5.7	42	84.8
Z12-4F6	**M760857**	118.00	121.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.2	23.5	78	112.5
Z12-4F6	**M760858**	121.00	124.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	8.2	44	77.5
Z12-4F6	**M760859**	124.00	127.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.8	7.3	50	84.4
Z12-4F6	**M760860**	127.00	130.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.3	20.3	86	82.3
Z12-4F6	**M760861**	130.00	133.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	8.7	86	73.5
Z12-4F6	**M760862**	133.00	136.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.1	25	36	73.6
Z12-4F6	**M760863**	136.00	139.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.1	8.9	53	70.5
Z12-4F6	**M760864**	139.00	142.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	12.4	53	52.1
Z12-4F6	**M760865**	142.00	145.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.9	7.5	38	80.2
Z12-4F6	**M760866**	145.00	148.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	2.4	9.6	46	79.3
Z12-4F6	**M760867**	148.00	151.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	3.7	13.3	102	77.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Z12-4F6	**M760868**	151.00	152.84	1.84	Graphitic overprinted syenitic gneiss; trace pyrite	3.5	12.1	146	98
Z12-4F6	**M760869**	152.84	154.69	1.85	Graphitic overprinted syenitic gneiss; trace pyrite	4.9	36.8	81	73.4
Z12-4F6	**M760870**	154.69	155.95	1.26	Graphitic brecciated syenitic gneiss; trace pyrite	1.9	12	20	92.6
Z12-4F6	**M760871**	155.95	158.68	2.73	Graphitic overprinted syenitic gneiss; trace pyrite	2.6	24.6	82	102
Z12-4F6	**M760872**	158.68	161.45	2.77	Graphitic overprinted syenitic gneiss; trace pyrite	5.7	13.8	76	84.5
Z12-4F6	**M760873**	161.45	164.24	2.79	Graphitic overprinted syenitic gneiss; trace pyrite	2.2	16.2	201	85.2
Z12-4F6	**M760874**	164.24	167.11	2.87	Graphitic overprinted syenitic gneiss; trace pyrite	3.7	15.2	212	83.3
Z12-4F6	**M760875**	**167.11**	**QC**		**J600092 Pulp: 3.33% C (medium)**	0.5	11.6	25	64
Z12-4F6	**M760876**	167.11	169.00	1.89	Graphitic brecciated syenitic gneiss; trace pyrite	25.3	36.4	32	91.7
Z12-4F6	**M760877**	169.00	172.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	8.7	21.2	103	98.7
Z12-4F6	**M760878**	172.00	175.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	6.9	72	70.6
Z12-4F6	**M760879**	175.00	178.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1	7.6	90	86.7
Z12-4F6	**M760880**	178.00	180.37	2.37	Graphitic overprinted syenitic gneiss; trace pyrite	8.3	8.2	37	70.6
Z12-4F6	**M760881**	180.37	182.55	2.18	Graphitic brecciated syenitic gneiss; trace pyrite	1.8	7.9	12	65.1
Z12-4F6	**M760882**	182.55	186.00	3.45	Graphitic overprinted syenitic gneiss; trace pyrite	1.1	11.7	91	72.2
Z12-4F6	**M760883**	186.00	189.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.9	10.9	46	71.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Z12-4F6	**M760884**	189.00	192.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.6	4.6	37	71.4
Z12-4F6	**M760885**	192.00	195.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.8	22.9	67	141
Z12-4F6	**M760886**	195.00	198.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.2	15	37	82.3
Z12-4F6	**M760887**	198.00	201.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.7	6.8	39	74.1
Z12-4F6	**M760888**	201.00	204.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.4	19.2	47	142.5
Z12-4F6	**M760889**	204.00	207.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1	7.8	52	90
Z12-4F6	**M760890**	207.00	210.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.8	9.9	36	73.5
Z12-4F6	**M760891**	210.00	213.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.6	8.3	54	77.3
Z12-4F6	**M760892**	213.00	216.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.6	10.4	51	79.5
Z12-4F6	**M760893**	216.00	219.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	0.8	6.5	40	76.6
Z12-4F6	**M760894**	219.00	222.00	3.00	Graphitic overprinted syenitic gneiss; trace pyrite	1.2	8.7	47	84.4
Z12-4F6	**M760895**	300.90	301.31	0.41	a 7cm long zone of criss-crossing submillimeter graphitic veins at 301.12m	0.6	8.7	94	77.2
Z12-4F6	**M760896**	303.60	304.00	0.40	3-6mm thick graphite-rich vein at 303.90 oriented @CAA35	2.1	155	50	66

ZENYATTA - ALBANY PROJECT - PHASE II DRILLING

SUMMARY LOG: Z12-4F6A

EASTING	682400 (UTMs-NAD 83, Zone 16)
NORTHING	5545570 (UTMs, NAD 83, Zone 16)
ELEVATION	131 metres
AZIMUTH	0°
INCLINATION	-65
STARTED	May-12-12
ENDED	May-14-12
DRILLED BY	Foraco Canada
LOGGED BY	Ted Lamoureaux
ASSISTED BY	K. Genrich
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Zenyatta warehouse, Thunder Bay
TOTAL DEPTH	51.14 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z12-4F6A	0.00	30.00	OVERBURDEN, LOST CORE & CASING
Z12-4F6A	30.00	45.99	Paleozoic Cover
Z12-4F6A	45.99	51.14	Paleoweathered Syenite
Z12-4F6A	51.14		End of Hole
			Hole abandoned due to caving.

ZENYATTA - ALBANY PROJECT - PHASE II DRILLING

SUMMARY LOG: Z12-4F6B

EASTING	682400 (UTMs-NAD 83, Zone 16)
NORTHING	5545570 (UTMs, NAD 83, Zone 16)
ELEVATION	131 metres
AZIMUTH	0°
INCLINATION	-70
STARTED	May-16-12
ENDED	May-17-12
DRILLED BY	Foraco Canada
LOGGED BY	Ted Lamoureaux
ASSISTED BY	K. Genrich
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Zenyatta warehouse, Thunder Bay
TOTAL DEPTH	39.0 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z12-4F6A	0.00	30.00	OVERBURDEN, LOST CORE & CASING
Z12-4F6A	30.00	39.00	Paleozoic Cover
Z12-4F6A	39.00		End of Hole
			Hole abandoned due to caving.

ZENYATTA - ALBANY PROJECT- PHASE II DRILLING

SUMMARY LOG: Z12-4F7

EASTING	682600 (UTMs-NAD 83, Zone 16)
NORTHING	5545570 (UTMs-NAD 83, Zone 16)
ELEVATION	131 metres
AZIMUTH	0°
INCLINATION	-65
STARTED	May-26-12
ENDED	May-31-12
DRILLED BY	Foraco Canada
LOGGED BY	Andrew Dalby
ASSISTED BY	K. Genrich
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Zenyatta warehouse, Thunder Bay
TOTAL DEPTH	321 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z12-4F7	0.00	33.00	OVERBURDEN
Z12-4F7	33.00	41.88	LIMESTONE
Z12-4F7	41.88	168.00	GRANITIC GNEISS
Z12-4F7	**168.00**	**169.16**	**GRAPHITIC BRECCIATED GRANITIC GNEISS**
Z12-4F7	**169.16**	**177.00**	**GRAPHITIC OVERPRINTED GRANITIC GNEISS**
Z12-4F7	177.00	276.82	GRANITIC to SYENITIC GNEISS
Z12-4F7	276.82	321.00	DIORITE

EOH

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F7	0.00	33.00	OVERBURDEN	Outwash sand, gravel, boulders
Z12-4F7	33.00	41.88	LIMESTONE	General Paleozoic cover rocks. The beginning of this unit at 33m is interpolated from other local drill holes as the casing was drilled through the top part of the Paleozoic cover, which is generally lose and porous often leading to drilling complications. The bottom few metres of this unit are a light grey to light tan grey bioturbated laminated micrite. The lower contact is obscured by the friability of the topmost few cm of the basement rocks.
Z12-4F7	41.88	168.00	GRANITIC GNEISS	No observed graphite mineralization *(except for a few veins described below)* . Non-magnetic medium grained granitic gneiss with 3-20mm wide alternating bands/zones of salmon pinkish grey potassium feldspar alternating with translucent grey (quartz with minor plagioclase) and dark grey biotite/amphiboles. The unit exhibits granulite facies metamorphism, with varying degrees of intensity, but the are no non-granulite facies zones. The top of the unit is strongly paleoweathered down to 50m, then moderately to weakly weathered down to 58. Paleoweathering is shown by a lighter pinkish grey colour with respect to the rest of the unit, and some 5-10cm sections are weakly consolidated and friable. Lower contact at 168 defined by the presence of weakly brecciated graphite gneiss. (*GRAPHITE MINERALIZATION:* various trace graphite occurrences. At 68.68 there is a 1-5mm thick dark grey graphite rich vein @CAA36. At 84.33 there are two graphite-rich submillimeter veins @CAA60 and 75, 2cm apart. At 97.30 and at 97.69 there is a 2-4mm thick dark grey conductive chill at both contacts of a chlorite biotite schist which has the characteristic graphite streak/smear on paper. At 121.35 and at 121.60 there are two submillimeter dark grey conductive veins within wider 2-4mm dark grey mafic material veins at various orientations. At 123.77 there is a single very dark grey conductive graphite-bearing vein @CAA32 with a 12cm long zone with numerous non-conductive dark grey 1-2mm thick veins. At 150.80, 3-5mm wide conductive dark grey graphite-containing vein @CAA24. At 154.22, 2-5mm wide weakly conductive probable graphite-containing dark grey vein @CAA12, again at 156.04 @CAA32, and at 167.17 @CAA40 (2mm thick). There are two submillimeter conductive graphite veinlets at 166.77 @CAA54.) -97.30 to 97.69 altered chlorite biotite schist (protolith a probable mafic dyke) containing patched of earthy hematitic alteration. Sharp upper and lower contacts @CAA22 and 35. There are additional schist subunits, similar to this without hematite alteration nor graphite-containing chills. These occur at: 100.51 to ~101 (upper contact sharp @CAA64, lower obscured); from 106.40 to 108.65 strongly altered schist with obscured contacts, within which there is a porphyritic tertiary unit with ~8% 2mm wide plagioclase porphyroblasts from 106.61 to 108.60; from 111.43 to 111.82, as in 97.30 to 97.69 with sharp contacts @CAA50; there is a 10cm section of schist at 116.00m, contacts obscured. -97.69 to 123.00 Sequence of multiple fault zones. Throughout there are trace to null submillimeter carbonate veins, particularly associated with more intense fracturing and mafic dykes. Fracturing is intense for the following intervals, weakly fractured elsewhere: 97.69 to 101.77; 108.65 to 110.84; 114.68 to 116.34, and from 119.00 to 120.17. Primary fracture orientation variable, but generally ~CAA65-70, secondary fractures ~CAA25-35.
Z12-4F7	168.00	169.16	**GRAPHITIC BRECCIATED GRANITIC GNEISS**	Non-magnetic medium grained very weakly graphitic brecciated pinkish grey to grey granitic gneiss. Essentially a mineralized continuation of the upcore unit. This is a short unit with mainly submillimeter to 2-3mm wide graphitic rich veins at various orientations; this seems to be at an intermediate stage between graphitic overprinted and graphitic brecciated granitic gneiss. Estimated 1-3% graphite content. Lower contact with the overprinted unit sharp @CAA75.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F7	169.16	177.00	**GRAPHITIC OVERPRINTED GRANITIC GNEISS**	Continuation of the upcore granitic gneiss units, with trace to 1% graphite mineralization; overall the unit is very uniform with no faulting nor dykes. There are numerous conductive graphite-bearing submillimeter to 1mm wide dark grey veins at various orientations, often crossing each other. There is a prominent 3-5mm thick graphite-rich vein at 175.81 @CAA15.
Z12-4F7	177.00	276.82	GRANITIC to SYENITIC GNEISS	Continuation of the upcore granitic gneiss which is grading here to a syenitic gneiss, and there is only trace to nil graphite mineralization; the grain size is coarsening (medium-coarse overall). The unit is fairly uniform, with the only variation being differential potassic content possibly due to remobilization via hydrothermal fluids/metamorphic processes (25-45% k-spar). Graphite mineralization, where it exists, is given in detail, below. Overall, trace finely disseminated and some blebby pyrite with minor pyrrhotite on some fracture surfaces, particularly around/close to mafic dykes/biotite schists. The lower contact occurs within the lowest fault zone. It would appear prior to faulting to have graded to a diorite from ~273m to ~281m, but within the fault zone there is a breccia from 273.70 to 276.82 containing roughly equal amounts 10-40cm long clasts of syenite and diorite, some of which are intermediate between both rock types indicating and pre-faulting gradual transition. *GRAPHITE MINERALIZATION:* A series of three subparallel conductive graphite-containing veins at 188.20 (@CAA16), 188.25 (@CAA22), and at 188.29 (@CAA23). At 207.39, a series of conductive dark grey criss-crossing graphite-bearing veins ~6-7mm thick @CAA40; there are two other thinner (1-2mm veins nearby at 207.45 and at 207.47, both @CAA64. In the schist unit, described below from 221.53 to 223.50, there are a few dark biotite-rich zones that are weakly conductive with confirmed graphitic content, in particular a 7-10mm wide "band" at 222.40. -187.14 to 187.34 medium-grained greenish grey chlorite biotite schist (possible mafic dyke protolith) with a weak potassic overprint. Sharp upper and lower contacts @CAA55. -194.52 to 196.69 fine to medium grained biotite schist with a prominent potassic overprint probably from the surrounding host rock; this is possibly a mafic dyke prior to metamorphosis. Contacts obscured, trending @CAA40-65. The same subunit is found from 228.37 to 228.90, but with sharp contacts @CAA85 and 75 respectively; and again at 240.00 grading back to granitic gneiss over 10 cm, sharp contacts @CAA64. -221.53 to 223.50 non-magnetic medium grained dark greenish grey altered chlorite biotite schist with a weak potassic overprint and a few small xenoliths of pegmatitic syenitic gneiss. This unit is strongly fractured particularly from 222.00 to 222.75. -226.60 to 228.00 pegmatitic section with 1-2cm wide potassium and plagioclase feldspar phenocrysts/porphyroblasts. -231.00 to 232.60 strongly fractured fault zone with various fracture orientations. This reoccurs from 232.57 to 233.25. 251.00 to 251.29 strongly fractured fault zone with at least at least one fracture orientation @CAA10-20, the others being obscured. -257.40 to 282.45 Extensive fault zone extending into the next unit with varying degrees of fracture intensity (~50% strongly to intensely fractured); primary orientation @CAA60-75, secondary @CAA40-50.
Z12-4F7	276.82	321.00	DIORITE	Medium grained non-magnetic non-granulite facies grey diorite. Unit is very uniform, except where noted in the subunits. The top part of the unit is faulted, as described in the last subunit of the upcore syenite. *No observed graphite mineralization* . -299.51 to 307.12 fault zone mainly weakly fractured. There are two zones of intense fracturing with associated strong pervasive hematitic alteration from 299.51 to 299.90 and again from 306.25 to 306.50. The only clear fracture orientation observed is @CAA40.
			EOH	

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm
Z12-4F7	**M760897**	68.50	68.90	0.40	Granitic gneiss; at 68.68 there is a 1-5mm thick dark grey graphite rich vein @CAA36	0.16	0.12	7.11	0.5	680	0.99	0.12
Z12-4F7	**M760898**	84.10	84.50	0.40	Granitic gneiss; at 84.33 there are two graphite-rich submillimeter veins @CAA60 and 75, 2cm apart.	0.33	0.02	7.1	1.3	660	1.6	0.05
Z12-4F7	**M760899**	97.23	97.69	0.46	Chlorite biotite schist; at 97.30 and at 97.69 there is a 2-4mm thick dark grey conductive chill at both contacts of a chlorite biotite schist which has the characteristic graphite streak/smear on paper	0.76	0.11	4.57	25.1	220	10.4	0.93
Z12-4F7	**M760900**	**97.69**	**QC**		**J600090 Pulp 4.1% C (med)**	4.15	<0.01	7.05	2.2	640	2.1	0.09
Z12-4F7	**M760901**	121.18	121.70	0.52	Granitic gneiss; at 121.35 and at 121.60 there are two submillimeter dark grey conductive veins within wider 2-4mm dark grey mafic material veins at various orientations.	0.44	<0.01	6.48	2.6	2020	4.5	0.26
Z12-4F7	**M760902**	123.60	124.00	0.40	Granitic gneiss; at 123.77 there is a single very dark grey conductive graphite-bearing vein @CAA32 with a 12cm long zone with numerous non-conductive dark grey 1-2mm thick veins.	0.29	<0.01	6.87	1.4	930	5.71	0.04
Z12-4F7	**M760903**	154.10	156.10	2.00	Granitic gneiss; at 154.22, 2-5mm wide weakly conductive probable graphite-containing dark grey vein @CAA12, again at 156.04 @CAA32	0.4	<0.01	6.83	1	1010	1.49	0.05
Z12-4F7	**M760904**	164.00	166.00	2.00	Granitic gneiss	0.17	<0.01	6.84	0.7	930	3.37	0.05
Z12-4F7	**M760905**	166.00	168.00	2.00	Granitic gneiss; at 166.77 there are two submillimeter conductive graphite veinlets @CAA54; at 167.17, a 2mm wide weakly conductive probable graphite-containing dark grey vein @CAA40.	0.55	<0.01	6.77	2	980	1.51	0.06
Z12-4F7	**M760906**	168.00	169.16	1.16	Very weakly graphitic brecciated pinkish grey to grey granitic gneiss; estimated 1-3% graphite content.	2.85	<0.01	6.54	2.7	890	1.75	0.23
Z12-4F7	**M760907**	169.16	171.00	1.84	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1.22	<0.01	7.35	0.8	870	2.21	0.16
Z12-4F7	**M760908**	171.00	173.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1.37	0.06	6.63	3.2	970	2.31	0.12
Z12-4F7	**M760909**	173.00	175.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1.29	0.03	6.77	<0.2	1050	1.4	0.13

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm
Z12-4F7	**M760910**	175.00	177.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall. There is a prominent 3-5mm thick graphite-rich vein at 175.81 @CAA15.	1.38	0.03	6.4	1.8	970	1.77	0.06
Z12-4F7	**M760911**	177.00	180.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	0.5	0.05	6.68	1	1020	1.31	0.06
Z12-4F7	**M760912**	180.00	183.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	0.17	0.08	6.57	2.4	910	2.21	0.06
Z12-4F7	**M760913**	183.00	186.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	0.17	0.06	6.66	0.6	960	1.1	0.06
Z12-4F7	**M760914**	186.00	189.00	3.00	Granitic to syenitic gneiss; contains a series of three subparallel conductive graphite-containing veins at 188.20 (@CAA16), 188.25 (@CAA22), and at 188.29 (@CAA23)	0.19	0.05	6.82	2	880	1.96	0.06
Z12-4F7	**M760915**	207.20	207.60	0.40	Granitic to syenitic gneiss; at 207.39, a series of conductive dark grey criss-crossing graphite-bearing veins ~6-7mm thick @CAA40; there are two other thinner (1-2mm veins nearby at 207.45 and at 207.47, both @CAA64	0.37	0.13	6.72	1.3	980	0.99	0.04
Z12-4F7	**M760916**	219.50	221.53	2.03	bracket sample for downcore graphitic schist	0.31	0.1	7.21	3.1	960	1.52	0.07
Z12-4F7	**M760917**	221.53	223.50	1.97	Chlorite biotite schist with graphite; there are a few dark biotite-rich zones that are weakly conductive with confirmed graphitic content, in particular a 7-10mm wide "band" at 222.40	0.77	0.07	5.37	20.2	990	5.45	0.25
Z12-4F7	**M760918**	223.50	225.50	2.00	bracket sample for upcore graphitic schist	0.3	0.07	6.9	2.6	840	1.48	0.08

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ca%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
Z12-4F7	**M760897**	68.50	68.90	0.40	Granitic gneiss; at 68.68 there is a 1-5mm thick dark grey graphite rich vein @CAA36	1.18	0.07	31.1	1.6	8	1.45	2.8
Z12-4F7	**M760898**	84.10	84.50	0.40	Granitic gneiss; at 84.33 there are two graphite-rich submillimeter veins @CAA60 and 75, 2cm apart.	0.97	0.05	31	1.4	10	2.39	5.6
Z12-4F7	**M760899**	97.23	97.69	0.46	Chlorite biotite schist; at 97.30 and at 97.69 there is a 2-4mm thick dark grey conductive chill at both contacts of a chlorite biotite schist which has the characteristic graphite streak/smear on paper	1.52	0.02	186.5	51.1	773	3.85	19.8
Z12-4F7	**M760900**	**97.69**	**QC**		**J600090 Pulp 4.1% C (med)**	1.21	0.06	46.6	4.4	32	2.68	11.7
Z12-4F7	**M760901**	121.18	121.70	0.52	Granitic gneiss; at 121.35 and at 121.60 there are two submillimeter dark grey conductive veins within wider 2-4mm dark grey mafic material veins at various orientations.	0.25	<0.02	76	1.9	11	3.64	16.5
Z12-4F7	**M760902**	123.60	124.00	0.40	Granitic gneiss; at 123.77 there is a single very dark grey conductive graphite-bearing vein @CAA32 with a 12cm long zone with numerous non-conductive dark grey 1-2mm thick veins.	0.74	0.02	49.3	1.9	13	2.7	13.7
Z12-4F7	**M760903**	154.10	156.10	2.00	Granitic gneiss; at 154.22, 2-5mm wide weakly conductive probable graphite-containing dark grey vein @CAA12, again at 156.04 @CAA32	1.04	0.05	44.2	1.5	15	2.73	5.7
Z12-4F7	**M760904**	164.00	166.00	2.00	Granitic gneiss	1.13	0.05	46.6	1.5	16	2.18	2.5
Z12-4F7	**M760905**	166.00	168.00	2.00	Granitic gneiss; at 166.77 there are two submillimeter conductive graphite veinlets @CAA54; at 167.17, a 2mm wide weakly conductive probable graphite-containing dark grey vein @CAA40.	0.98	0.05	41.2	1.7	15	2.34	8.1
Z12-4F7	**M760906**	168.00	169.16	1.16	Very weakly graphitic brecciated pinkish grey to grey granitic gneiss; estimated 1-3% graphite content.	0.86	<0.02	39.7	1.5	16	2.14	8.5
Z12-4F7	**M760907**	169.16	171.00	1.84	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1	0.04	91.5	1.4	15	2.39	5
Z12-4F7	**M760908**	171.00	173.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	0.96	0.04	62	1.4	18	2.03	6.2
Z12-4F7	**M760909**	173.00	175.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1.07	0.03	41.3	1.5	30	2.01	8.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ca%	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
Z12-4F7	**M760910**	175.00	177.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall. There is a prominent 3-5mm thick graphite-rich vein at 175.81 @CAA15.	1.13	0.05	35.6	1.3	16	2.05	5.4
Z12-4F7	**M760911**	177.00	180.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	1.1	0.06	43.2	1.4	17	2.71	8.2
Z12-4F7	**M760912**	180.00	183.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	0.97	0.12	69.4	2.3	17	2.47	11.9
Z12-4F7	**M760913**	183.00	186.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	1.12	0.06	39	1.4	15	2.43	6.4
Z12-4F7	**M760914**	186.00	189.00	3.00	Granitic to syenitic gneiss; contains a series of three subparallel conductive graphite-containing veins at 188.20 (@CAA16), 188.25 (@CAA22), and at 188.29 (@CAA23)	1.87	0.09	41	5.8	58	3.09	7.1
Z12-4F7	**M760915**	207.20	207.60	0.40	Granitic to syenitic gneiss; at 207.39, a series of conductive dark grey criss-crossing graphite-bearing veins ~6-7mm thick @CAA40; there are two other thinner (1-2mm veins nearby at 207.45 and at 207.47, both @CAA64	1.09	0.04	41	1.3	10	2.81	7.2
Z12-4F7	**M760916**	219.50	221.53	2.03	bracket sample for downcore graphitic schist	1.17	0.07	43.5	2.5	25	3.27	26
Z12-4F7	**M760917**	221.53	223.50	1.97	Chlorite biotite schist with graphite; there are a few dark biotite-rich zones that are weakly conductive with confirmed graphitic content, in particular a 7-10mm wide "band" at 222.40	3.16	0.1	54.5	39.5	1040	15.35	15.7
Z12-4F7	**M760918**	223.50	225.50	2.00	bracket sample for upcore graphitic schist	1.12	0.03	50.2	2.5	28	3.48	10.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Fe%	Ga_ppm	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm
Z12-4F7	**M760897**	68.50	68.90	0.40	Granitic gneiss; at 68.68 there is a 1-5mm thick dark grey graphite rich vein @CAA36	1.46	21.9	0.1	2.7	0.014	2.97	17.8
Z12-4F7	**M760898**	84.10	84.50	0.40	Granitic gneiss; at 84.33 there are two graphite-rich submillimeter veins @CAA60 and 75, 2cm apart.	1.06	23	0.11	2.4	0.013	3.81	17.5
Z12-4F7	**M760899**	97.23	97.69	0.46	Chlorite biotite schist; at 97.30 and at 97.69 there is a 2-4mm thick dark grey conductive chill at both contacts of a chlorite biotite schist which has the characteristic graphite streak/smear on paper	8.51	26.9	0.39	6.8	0.107	1.46	92
Z12-4F7	**M760900**	**97.69**	**QC**		**J600090 Pulp 4.1% C (med)**	1.77	21.4	0.14	2.4	0.029	2.96	26.1
Z12-4F7	**M760901**	121.18	121.70	0.52	Granitic gneiss; at 121.35 and at 121.60 there are two submillimeter dark grey conductive veins within wider 2-4mm dark grey mafic material veins at various orientations.	0.98	18.65	0.14	2.8	0.013	5.43	41
Z12-4F7	**M760902**	123.60	124.00	0.40	Granitic gneiss; at 123.77 there is a single very dark grey conductive graphite-bearing vein @CAA32 with a 12cm long zone with numerous non-conductive dark grey 1-2mm thick veins.	1.26	22	0.13	3.2	0.011	3.63	28.5
Z12-4F7	**M760903**	154.10	156.10	2.00	Granitic gneiss; at 154.22, 2-5mm wide weakly conductive probable graphite-containing dark grey vein @CAA12, again at 156.04 @CAA32	1.28	20.9	0.13	2.8	0.012	3.02	25.4
Z12-4F7	**M760904**	164.00	166.00	2.00	Granitic gneiss	1.38	21	0.14	2.9	0.012	2.91	26.8
Z12-4F7	**M760905**	166.00	168.00	2.00	Granitic gneiss; at 166.77 there are two submillimeter conductive graphite veinlets @CAA54; at 167.17, a 2mm wide weakly conductive probable graphite-containing dark grey vein @CAA40.	1.3	20.8	0.14	2.8	0.01	2.88	24
Z12-4F7	**M760906**	168.00	169.16	1.16	Very weakly graphitic brecciated pinkish grey to grey granitic gneiss; estimated 1-3% graphite content.	1.35	20.1	0.14	2.4	0.013	2.93	23.5
Z12-4F7	**M760907**	169.16	171.00	1.84	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1.6	23.9	0.17	4.2	0.018	2.91	56.6
Z12-4F7	**M760908**	171.00	173.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1.23	18.65	0.1	2.5	0.01	3	30.7
Z12-4F7	**M760909**	173.00	175.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1.32	19.4	0.12	2.8	0.005	2.84	22.8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Fe%	Ga_ppm	Ge_ppm	Hf_ppm	In_ppm	K%	La_ppm
Z12-4F7	**M760910**	175.00	177.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall. There is a prominent 3-5mm thick graphite-rich vein at 175.81 @CAA15.	1.23	17.4	0.09	2.6	0.005	2.58	19.1
Z12-4F7	**M760911**	177.00	180.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	1.21	18.8	0.1	3.2	0.01	2.76	23.2
Z12-4F7	**M760912**	180.00	183.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	1.38	19.85	0.14	3.7	0.015	2.98	38.6
Z12-4F7	**M760913**	183.00	186.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	1.21	17.7	0.1	3	0.011	2.85	21.3
Z12-4F7	**M760914**	186.00	189.00	3.00	Granitic to syenitic gneiss; contains a series of three subparallel conductive graphite-containing veins at 188.20 (@CAA16), 188.25 (@CAA22), and at 188.29 (@CAA23)	1.83	19.15	0.08	2.6	0.012	2.79	21.4
Z12-4F7	**M760915**	207.20	207.60	0.40	Granitic to syenitic gneiss; at 207.39, a series of conductive dark grey criss-crossing graphite-bearing veins ~6-7mm thick @CAA40; there are two other thinner (1-2mm veins nearby at 207.45 and at 207.47, both @CAA64	1.23	19.65	0.12	3	<0.005	2.8	22.4
Z12-4F7	**M760916**	219.50	221.53	2.03	bracket sample for downcore graphitic schist	1.02	18.45	0.11	3.3	<0.005	2.66	22.9
Z12-4F7	**M760917**	221.53	223.50	1.97	Chlorite biotite schist with graphite; there are a few dark biotite-rich zones that are weakly conductive with confirmed graphitic content, in particular a 7-10mm wide "band" at 222.40	4.82	15.7	0.16	2.8	0.026	3.36	23.2
Z12-4F7	**M760918**	223.50	225.50	2.00	bracket sample for upcore graphitic schist	1.47	19.8	0.14	3	0.006	2.71	27.3

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm	Ni_ppm
Z12-4F7	**M760897**	68.50	68.90	0.40	Granitic gneiss; at 68.68 there is a 1-5mm thick dark grey graphite rich vein @CAA36	47.3	0.17	286	0.27	2.88	9.3	1.5
Z12-4F7	**M760898**	84.10	84.50	0.40	Granitic gneiss; at 84.33 there are two graphite-rich submillimeter veins @CAA60 and 75, 2cm apart.	62.6	0.2	254	0.26	2.65	19.6	2.9
Z12-4F7	**M760899**	97.23	97.69	0.46	Chlorite biotite schist; at 97.30 and at 97.69 there is a 2-4mm thick dark grey conductive chill at both contacts of a chlorite biotite schist which has the characteristic graphite streak/smear on paper	244	8.43	1840	1	0.2	152.5	627
Z12-4F7	**M760900**	**97.69**	**QC**		**J600090 Pulp 4.1% C (med)**	37.1	0.45	336	0.65	3.14	20.9	13.1
Z12-4F7	**M760901**	121.18	121.70	0.52	Granitic gneiss; at 121.35 and at 121.60 there are two submillimeter dark grey conductive veins within wider 2-4mm dark grey mafic material veins at various orientations.	58.7	0.5	96	4.92	1.36	22.5	5.6
Z12-4F7	**M760902**	123.60	124.00	0.40	Granitic gneiss; at 123.77 there is a single very dark grey conductive graphite-bearing vein @CAA32 with a 12cm long zone with numerous non-conductive dark grey 1-2mm thick veins.	82.6	0.26	208	0.33	2.38	15.6	2.3
Z12-4F7	**M760903**	154.10	156.10	2.00	Granitic gneiss; at 154.22, 2-5mm wide weakly conductive probable graphite-containing dark grey vein @CAA12, again at 156.04 @CAA32	45.1	0.17	227	7.39	2.81	13.4	1.6
Z12-4F7	**M760904**	164.00	166.00	2.00	Granitic gneiss	35.1	0.17	295	0.37	2.82	13	1.3
Z12-4F7	**M760905**	166.00	168.00	2.00	Granitic gneiss; at 166.77 there are two submillimeter conductive graphite veinlets @CAA54; at 167.17, a 2mm wide weakly conductive probable graphite-containing dark grey vein @CAA40.	36.7	0.17	217	11.6	2.91	13.8	1.5
Z12-4F7	**M760906**	168.00	169.16	1.16	Very weakly graphitic brecciated pinkish grey to grey granitic gneiss; estimated 1-3% graphite content.	35.9	0.18	166	26.6	2.86	21.6	1.4
Z12-4F7	**M760907**	169.16	171.00	1.84	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	76.1	0.14	328	0.62	3.38	89.5	1.7
Z12-4F7	**M760908**	171.00	173.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	42.5	0.16	236	0.73	2.91	23.7	1.4
Z12-4F7	**M760909**	173.00	175.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	33.9	0.16	187	0.51	3.05	17.1	1.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm	Ni_ppm
Z12-4F7	**M760910**	175.00	177.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall. There is a prominent 3-5mm thick graphite-rich vein at 175.81 @CAA15.	30.6	0.13	241	0.55	3	20	1.2
Z12-4F7	**M760911**	177.00	180.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	36.2	0.14	262	0.84	2.96	13.8	1.5
Z12-4F7	**M760912**	180.00	183.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	37.6	0.19	258	0.48	2.86	33.9	1.9
Z12-4F7	**M760913**	183.00	186.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	36.4	0.16	281	0.69	2.9	12.4	1.6
Z12-4F7	**M760914**	186.00	189.00	3.00	Granitic to syenitic gneiss; contains a series of three subparallel conductive graphite-containing veins at 188.20 (@CAA16), 188.25 (@CAA22), and at 188.29 (@CAA23)	39.4	0.77	393	0.6	2.81	12.7	18.5
Z12-4F7	**M760915**	207.20	207.60	0.40	Granitic to syenitic gneiss; at 207.39, a series of conductive dark grey criss-crossing graphite-bearing veins ~6-7mm thick @CAA40; there are two other thinner (1-2mm veins nearby at 207.45 and at 207.47, both @CAA64	38.7	0.14	291	0.38	2.87	9.5	2.6
Z12-4F7	**M760916**	219.50	221.53	2.03	bracket sample for downcore graphitic schist	66.4	0.27	155	0.34	3.43	7.3	8.1
Z12-4F7	**M760917**	221.53	223.50	1.97	Chlorite biotite schist with graphite; there are a few dark biotite-rich zones that are weakly conductive with confirmed graphitic content, in particular a 7-10mm wide "band" at 222.40	172.5	8.06	1070	0.37	1.06	21.1	399
Z12-4F7	**M760918**	223.50	225.50	2.00	bracket sample for upcore graphitic schist	71.8	0.28	252	0.68	2.9	10.5	7.1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm
Z12-4F7	**M760897**	68.50	68.90	0.40	Granitic gneiss; at 68.68 there is a 1-5mm thick dark grey graphite rich vein @CAA36	150	19.3	104	<0.002	0.12	0.05	2.1
Z12-4F7	**M760898**	84.10	84.50	0.40	Granitic gneiss; at 84.33 there are two graphite-rich submillimeter veins @CAA60 and 75, 2cm apart.	130	14.4	134	<0.002	0.12	0.09	2.9
Z12-4F7	**M760899**	97.23	97.69	0.46	Chlorite biotite schist; at 97.30 and at 97.69 there is a 2-4mm thick dark grey conductive chill at both contacts of a chlorite biotite schist which has the characteristic graphite streak/smear on paper	2300	11.6	51.6	<0.002	0.05	3.25	18.4
Z12-4F7	**M760900**	**97.69**	**QC**		**J600090 Pulp 4.1% C (med)**	300	14.4	131	<0.002	0.32	0.16	4.8
Z12-4F7	**M760901**	121.18	121.70	0.52	Granitic gneiss; at 121.35 and at 121.60 there are two submillimeter dark grey conductive veins within wider 2-4mm dark grey mafic material veins at various orientations.	250	7.9	117.5	0.002	0.08	0.14	3.4
Z12-4F7	**M760902**	123.60	124.00	0.40	Granitic gneiss; at 123.77 there is a single very dark grey conductive graphite-bearing vein @CAA32 with a 12cm long zone with numerous non-conductive dark grey 1-2mm thick veins.	180	9.5	114	<0.002	0.06	0.07	3.4
Z12-4F7	**M760903**	154.10	156.10	2.00	Granitic gneiss; at 154.22, 2-5mm wide weakly conductive probable graphite-containing dark grey vein @CAA12, again at 156.04 @CAA32	160	13.6	107	<0.002	0.16	0.07	2.3
Z12-4F7	**M760904**	164.00	166.00	2.00	Granitic gneiss	230	12.6	103	<0.002	0.09	0.08	2.4
Z12-4F7	**M760905**	166.00	168.00	2.00	Granitic gneiss; at 166.77 there are two submillimeter conductive graphite veinlets @CAA54; at 167.17, a 2mm wide weakly conductive probable graphite-containing dark grey vein @CAA40.	160	14.6	111	<0.002	0.21	0.1	2.4
Z12-4F7	**M760906**	168.00	169.16	1.16	Very weakly graphitic brecciated pinkish grey to grey granitic gneiss; estimated 1-3% graphite content.	130	7.8	102.5	<0.002	0.31	0.1	2.5
Z12-4F7	**M760907**	169.16	171.00	1.84	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	140	11	133	<0.002	0.32	0.12	2
Z12-4F7	**M760908**	171.00	173.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	140	12.9	114	0.003	0.24	0.22	1.4
Z12-4F7	**M760909**	173.00	175.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	150	11.7	97.1	0.003	0.3	0.21	1.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm
Z12-4F7	**M760910**	175.00	177.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall. There is a prominent 3-5mm thick graphite-rich vein at 175.81 @CAA15.	150	12.1	89.8	0.003	0.18	0.15	1.4
Z12-4F7	**M760911**	177.00	180.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	140	16.2	103.5	0.003	0.14	0.16	1.8
Z12-4F7	**M760912**	180.00	183.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	140	19.7	110.5	0.005	0.17	0.18	1.6
Z12-4F7	**M760913**	183.00	186.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	150	16.5	97.6	0.002	0.12	0.14	1.4
Z12-4F7	**M760914**	186.00	189.00	3.00	Granitic to syenitic gneiss; contains a series of three subparallel conductive graphite-containing veins at 188.20 (@CAA16), 188.25 (@CAA22), and at 188.29 (@CAA23)	250	17.4	106	0.002	0.11	0.16	3.9
Z12-4F7	**M760915**	207.20	207.60	0.40	Granitic to syenitic gneiss; at 207.39, a series of conductive dark grey criss-crossing graphite-bearing veins ~6-7mm thick @CAA40; there are two other thinner (1-2mm veins nearby at 207.45 and at 207.47, both @CAA64	150	17	102	0.004	0.19	0.11	1.7
Z12-4F7	**M760916**	219.50	221.53	2.03	bracket sample for downcore graphitic schist	230	24.1	84.7	0.003	0.19	0.15	1.7
Z12-4F7	**M760917**	221.53	223.50	1.97	Chlorite biotite schist with graphite; there are a few dark biotite-rich zones that are weakly conductive with confirmed graphitic content, in particular a 7-10mm wide "band" at 222.40	780	5.4	180.5	0.003	0.06	0.19	18.9
Z12-4F7	**M760918**	223.50	225.50	2.00	bracket sample for upcore graphitic schist	200	16.8	86.1	0.003	0.33	0.13	2.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti%
Z12-4F7	**M760897**	68.50	68.90	0.40	Granitic gneiss; at 68.68 there is a 1-5mm thick dark grey graphite rich vein @CAA36	1	1	184	0.66	<0.05	5	0.074
Z12-4F7	**M760898**	84.10	84.50	0.40	Granitic gneiss; at 84.33 there are two graphite-rich submillimeter veins @CAA60 and 75, 2cm apart.	1	0.9	176.5	0.73	<0.05	5.6	0.058
Z12-4F7	**M760899**	97.23	97.69	0.46	Chlorite biotite schist; at 97.30 and at 97.69 there is a 2-4mm thick dark grey conductive chill at both contacts of a chlorite biotite schist which has the characteristic graphite streak/smear on paper	4	10.4	124.5	7.28	0.2	49.8	1.545
Z12-4F7	**M760900**	**97.69**	**QC**		**J600090 Pulp 4.1% C (med)**	1	1.3	271	1.31	0.05	9.5	0.109
Z12-4F7	**M760901**	121.18	121.70	0.52	Granitic gneiss; at 121.35 and at 121.60 there are two submillimeter dark grey conductive veins within wider 2-4mm dark grey mafic material veins at various orientations.	1	1.1	167.5	0.61	0.05	20.4	0.066
Z12-4F7	**M760902**	123.60	124.00	0.40	Granitic gneiss; at 123.77 there is a single very dark grey conductive graphite-bearing vein @CAA32 with a 12cm long zone with numerous non-conductive dark grey 1-2mm thick veins.	1	1.1	194.5	0.76	<0.05	10.1	0.074
Z12-4F7	**M760903**	154.10	156.10	2.00	Granitic gneiss; at 154.22, 2-5mm wide weakly conductive probable graphite-containing dark grey vein @CAA12, again at 156.04 @CAA32	1	0.9	235	0.64	<0.05	6.6	0.08
Z12-4F7	**M760904**	164.00	166.00	2.00	Granitic gneiss	1	1.1	220	0.73	<0.05	7.5	0.073
Z12-4F7	**M760905**	166.00	168.00	2.00	Granitic gneiss; at 166.77 there are two submillimeter conductive graphite veinlets @CAA54; at 167.17, a 2mm wide weakly conductive probable graphite-containing dark grey vein @CAA40.	1	1.3	233	0.67	<0.05	7.2	0.077
Z12-4F7	**M760906**	168.00	169.16	1.16	Very weakly graphitic brecciated pinkish grey to grey granitic gneiss; estimated 1-3% graphite content.	1	1.4	205	0.72	0.06	7.9	0.072
Z12-4F7	**M760907**	169.16	171.00	1.84	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1	2.4	202	4.37	0.07	15.7	0.072
Z12-4F7	**M760908**	171.00	173.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1	1.2	209	0.83	<0.05	11.5	0.073
Z12-4F7	**M760909**	173.00	175.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	1	1.1	231	0.64	0.05	8.4	0.076

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti%
Z12-4F7	**M760910**	175.00	177.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall. There is a prominent 3-5mm thick graphite-rich vein at 175.81 @CAA15.	<1	1.1	224	0.52	<0.05	8.8	0.091
Z12-4F7	**M760911**	177.00	180.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	1	1.2	238	0.69	0.05	7.5	0.072
Z12-4F7	**M760912**	180.00	183.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	<1	1.6	221	2.15	<0.05	16.9	0.075
Z12-4F7	**M760913**	183.00	186.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	<1	1.4	240	0.57	<0.05	6.1	0.069
Z12-4F7	**M760914**	186.00	189.00	3.00	Granitic to syenitic gneiss; contains a series of three subparallel conductive graphite-containing veins at 188.20 (@CAA16), 188.25 (@CAA22), and at 188.29 (@CAA23)	1	1.6	288	0.55	<0.05	6	0.103
Z12-4F7	**M760915**	207.20	207.60	0.40	Granitic to syenitic gneiss; at 207.39, a series of conductive dark grey criss-crossing graphite-bearing veins ~6-7mm thick @CAA40; there are two other thinner (1-2mm veins nearby at 207.45 and at 207.47, both @CAA64	<1	1.1	208	0.72	<0.05	7.9	0.073
Z12-4F7	**M760916**	219.50	221.53	2.03	bracket sample for downcore graphitic schist	<1	0.9	705	0.67	<0.05	6.9	0.058
Z12-4F7	**M760917**	221.53	223.50	1.97	Chlorite biotite schist with graphite; there are a few dark biotite-rich zones that are weakly conductive with confirmed graphitic content, in particular a 7-10mm wide "band" at 222.40	<1	2.5	178.5	1.12	<0.05	10.8	0.196
Z12-4F7	**M760918**	223.50	225.50	2.00	bracket sample for upcore graphitic schist	<1	1	260	0.82	<0.05	7.7	0.09

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Z12-4F7	**M760897**	68.50	68.90	0.40	Granitic gneiss; at 68.68 there is a 1-5mm thick dark grey graphite rich vein @CAA36	0.57	1.1	5	0.4	4.3	47	85.6
Z12-4F7	**M760898**	84.10	84.50	0.40	Granitic gneiss; at 84.33 there are two graphite-rich submillimeter veins @CAA60 and 75, 2cm apart.	0.62	1.2	5	0.8	6.4	33	74.5
Z12-4F7	**M760899**	97.23	97.69	0.46	Chlorite biotite schist; at 97.30 and at 97.69 there is a 2-4mm thick dark grey conductive chill at both contacts of a chlorite biotite schist which has the characteristic graphite streak/smear on paper	0.26	7.1	160	10.6	97	266	299
Z12-4F7	**M760900**	**97.69**	**QC**		**J600090 Pulp 4.1% C (med)**	0.5	2.5	18	0.7	15.3	36	77.4
Z12-4F7	**M760901**	121.18	121.70	0.52	Granitic gneiss; at 121.35 and at 121.60 there are two submillimeter dark grey conductive veins within wider 2-4mm dark grey mafic material veins at various orientations.	0.63	2.1	7	1.9	18.3	11	101
Z12-4F7	**M760902**	123.60	124.00	0.40	Granitic gneiss; at 123.77 there is a single very dark grey conductive graphite-bearing vein @CAA32 with a 12cm long zone with numerous non-conductive dark grey 1-2mm thick veins.	0.48	1.7	6	0.4	10.4	24	103.5
Z12-4F7	**M760903**	154.10	156.10	2.00	Granitic gneiss; at 154.22, 2-5mm wide weakly conductive probable graphite-containing dark grey vein @CAA12, again at 156.04 @CAA32	0.58	1.1	5	0.6	7.5	45	96.3
Z12-4F7	**M760904**	164.00	166.00	2.00	Granitic gneiss	0.47	1.4	5	0.5	8.5	42	100
Z12-4F7	**M760905**	166.00	168.00	2.00	Granitic gneiss; at 166.77 there are two submillimeter conductive graphite veinlets @CAA54; at 167.17, a 2mm wide weakly conductive probable graphite-containing dark grey vein @CAA40.	0.61	1.7	5	46.1	6.9	36	97.4
Z12-4F7	**M760906**	168.00	169.16	1.16	Very weakly graphitic brecciated pinkish grey to grey granitic gneiss; estimated 1-3% graphite content.	0.49	1.3	6	1.2	8.2	11	87.1
Z12-4F7	**M760907**	169.16	171.00	1.84	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	0.47	2.6	6	1.8	19.2	36	182.5
Z12-4F7	**M760908**	171.00	173.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	0.49	1.1	6	1.5	13	23	75.1
Z12-4F7	**M760909**	173.00	175.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall.	0.43	1	6	1.2	6	28	84.4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Z12-4F7	**M760910**	175.00	177.00	2.00	Graphitic overprinted granitic gneiss; trace to 1% graphite mineralization overall. There is a prominent 3-5mm thick graphite-rich vein at 175.81 @CAA15.	0.48	0.8	6	2.3	8	32	77.6
Z12-4F7	**M760911**	177.00	180.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	0.55	1.3	5	1.4	6.6	37	87.5
Z12-4F7	**M760912**	180.00	183.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	0.55	3.4	5	1.6	13.1	56	121.5
Z12-4F7	**M760913**	183.00	186.00	3.00	Granitic to syenitic gneiss; no observed graphite mineralization/bracket sample for upcore unit.	0.53	1	5	1	5.6	47	81.7
Z12-4F7	**M760914**	186.00	189.00	3.00	Granitic to syenitic gneiss; contains a series of three subparallel conductive graphite-containing veins at 188.20 (@CAA16), 188.25 (@CAA22), and at 188.29 (@CAA23)	0.67	1.2	21	0.8	7.4	60	76.4
Z12-4F7	**M760915**	207.20	207.60	0.40	Granitic to syenitic gneiss; at 207.39, a series of conductive dark grey criss-crossing graphite-bearing veins ~6-7mm thick @CAA40; there are two other thinner (1-2mm veins nearby at 207.45 and at 207.47, both @CAA64	0.62	1.2	5	0.2	5.6	41	92.6
Z12-4F7	**M760916**	219.50	221.53	2.03	bracket sample for downcore graphitic schist	0.6	2.4	7	0.5	6.4	40	101.5
Z12-4F7	**M760917**	221.53	223.50	1.97	Chlorite biotite schist with graphite; there are a few dark biotite-rich zones that are weakly conductive with confirmed graphitic content, in particular a 7-10mm wide "band" at 222.40	1.09	2.3	92	1.4	19.4	102	78.8
Z12-4F7	**M760918**	223.50	225.50	2.00	bracket sample for upcore graphitic schist	0.64	2.2	9	0.4	6.6	41	91.2

ZENYATTA - ALBANY PROJECT - PHASE II DRILLING

SUMMARY LOG: Z12-4F8

EASTING	682955 (UTMs - NAD 83, Zone 16)
NORTHING	5545800 (UTMs - NAD 83, Zone 16)
ELEVATION	130 metres
AZIMUTH	0°
INCLINATION	-65
STARTED	June-01-12
ENDED	June-08-12
DRILLED BY	Foraco Canada
LOGGED BY	Andrew Dalby
ASSISTED BY	K. Genrich
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Zenyatta warehouse, Thunder Bay
TOTAL DEPTH	365 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z12-4F8	0.00	33.00	OVERBURDEN
Z12-4F8	33.00	51.32	LIMESTONE
Z12-4F8	51.32	79.00	GRANITE
Z12-4F8	**79.00**	**82.27**	**GRAPHITIC OVERPRINTED GRANITE**
Z12-4F8	82.27	110.96	GRANITE
Z12-4F8	**110.96**	**114.00**	**GRAPHITIC OVERPRINTED GRANITE**
Z12-4F8	114.00	123.84	GRANITE
Z12-4F8	**123.84**	**174.90**	**GRAPHITIC OVERPRINTED GRANITE to GRANITIC GNEISS**
Z12-4F8	174.90	189.84	CHLORITE BIOTITE SCHIST
Z12-4F8	189.84	278.86	GRANITIC to SYENITIC GNEISS
Z12-4F8	278.86	302.00	AMPHIBOLITE (Mafic Dyke)
Z12-4F8	302.00	325.00	SYENITIC GNEISS crosscut by AMPHIBOLITE
Z12-4F8	325.00	365.00	MONZONITE

END OF HOLE

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F8	0.00	33.00	OVERBURDEN	Outwash sand, gravel, boulders
Z12-4F8	33.00	51.32	LIMESTONE	General Paleozoic cover rocks. The beginning of this unit at 33m is interpolated from other local drill holes as the casing was drilled through the top part of the Paleozoic cover, which is generally lose and porous often leading to drilling complications. The bottom few metres of this unit are a light grey to light tan grey bioturbated laminated silty micrite. The lower contact is sharp @CAA64
Z12-4F8	51.32	79.00	GRANITE	Non-magnetic medium-grained salmon-pink and grey granite. This unit is intensely paleoweathered to a friable medium grained (quartz and potassium feldspar "clasts") within a matrix of very fine grey clay down to 57m. Below this, the unit is moderately to weakly paleoweathered down to ~ 65m. There is intermittent probable trace graphite mineralization within this zone, described below. From ~65m down to 74m, there are numerous submillimeter to 2mm thick carbonate veinlets (1-3%) at various orientations, possibly related to the two intermediate dykes from 67.91 to 68.59 (contacts @CAA64 and 72) and from 73.55 to 73.80 (contacts @CAA38). The lower contact is defined at the beginning of a regular graphitic overprint. GRAPHITE MINERALIZATION: From 60.40 to 60.62, there is a section of crisscrossing weakly conductive dark grey veinlets, making up ~20-30 of this section. This reoccurs from 61.55 to 61.76 (~30%), and in a few shorter zones (3-4cm long) at 62.44, 62.53, and at 62.62. There is a strongly altered very dark grey schist unit from 63.58 to 64.57 that appears to be weakly brecciated in the bottom half with very dark grey weakly conductive material with grey biotite-rich clasts; the very dark grey fraction is mainly clay and biotite, but the entire unit is very weathered/altered; there are apparent (but obscured) sharp contacts @CAA65 and 15 for the schist. There is an even more altered olive-greenish grey to very dark grey probable schist unit from 76.13 to 76.50 with obscured gradational contacts trending @CAA30-40; this unit contains some very dark grey weakly conductive bands containing trace probable graphite.
Z12-4F8	79.00	82.27	**GRAPHITIC OVERPRINTED GRANITE**	This is a continuation of the previous granite unit, but with consistent trace graphite mineralization mainly in the form of submillimeter veinlets at various orientations, although some are a few mm thick, containing a mix of mainly biotite with minor graphite.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F8	82.27	110.96	GRANITE	Continuation of the granite, with no detectable graphite mineralization. This unit is cross-cut by numerous small chlorite biotite schist units, possibly derived from mafic dykes. These occur: from 88.90 to 89.90 (curved contacts @CAA10-50); 94.23 to 94.40 (contacts @CAA39 and 30); 94.66 to 94.73 (contacts @CAA46 and 34); 95.14 to 95.49 (contacts @CAA70 and 39); 97.92 to 98.08 (contacts @CAA73 and 58); 109.35 to 109.50 (contacts @CAA46); and from 110.66 to 110.79 (contacts @CAA38 and 31). -82.27 to 87.00m extensive earthy hematite alteration zone. The top part of this zone down to 84.20 is weakly brecciated with a moderate hematitic overprint. From 84.20 to 85.50, it is an intensely altered dark rusty red hematite zone. Below this down to 87.00m it is reddish-pink weakly to moderately altered by hematite. Weakly altered below 87m. -98.32 to 101.50 fault zone, mainly weak to moderately fractured; this is intensely fractured from 99.00 to 100.80 with about a meter of core loss. Fracture orientations from CAA30 to 60. There is a smaller fault zone just downcore from 104.53 to 105.65, intensely fractured in the middle meter. -103.30 to 104.33 grey fine to medium grained intermediate dyke with a weak hematitic overprint/alteration (contacts @CAA54 and 50). There is another intermediate dyke from 107.36 to 109.00 with no hematitic alteration (contacts @CAA64 and 60).
Z12-4F8	110.96	114.00	**GRAPHITIC OVERPRINTED GRANITE**	This is a continuation of the previous granite unit, but with consistent trace graphite mineralization mainly in the form of submillimeter veinlets at various orientations.
Z12-4F8	114.00	123.84	GRANITE	This is a continuation of the unmineralized granite unit described above
Z12-4F8	123.84	174.90	**GRAPHITIC OVERPRINTED GRANITE to GRANITIC GNEISS**	This is a longer sequence of graphitic overprinted granite with variable grades of mineralization from almost nil up to just under 1% graphite. There are zones with only a few isolated graphitic submillimeter veinlets, while other areas can have multiple subparallel veins, for example from 126.15 to 126.60, 138.50 to 140.00; these richer zones re-occur every 2-4 metres on average. There is a graphitic mineralized dark grey chlorite biotite schist from 169.78 to 171.32 that is variably conductive (strongly conductive in about 10% of the subunit). Nil to trace finely disseminated pyrite throughout, with some pyrite blebs on some fracture surfaces, especially in the schist subunits. Lower contact sharp @CAA45. -124.30 to 124.85 non-magnetic medium grained greenish grey chlorite biotite schist (contacts @CAA41 and 59); no observed graphitic mineralization. There are several other similar chlorite biotite schist subunits in this unit: 134.53 to 134.83 (contacts @CAA73); 157.54 to 158.04 (moderately fractured; contacts @CAA42 and 16); and from 162.21 to 162.80 (contacts @CAA54 and 48). -128.64 to 129.28 non-magnetic fine grained light pinkish grey aplite dyke. Contacts @CAA45 and 50. -169.80 to 171.40 graphitic overprinted (trace overall) chlorite muscovite-phlogopite biotite schist. Crenulated contacts both @CAA48. Within this there are several 3 to 20mm long strongly conductive zones containing graphite along with other dark grey fine grained minerals.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F8	174.90	189.84	CHLORITE BIOTITE SCHIST	Non-magnetic medium grained greenish grey +/-phlogopite chlorite biotite schist, schistocity orientation @CAA45. This unit contains smaller granitic gneiss and aplite xenoliths and dykes (see below). There are a few isolated dark grey submillimeter veins, but they are not conductive so probably do not contain graphite. Trace finely disseminated and blebby pyrite. Lower contact sharp @CAA45. -180.41 to 180.82 granitic gneiss as in the upcore unit; probably a xenolith; sharp contacts @CAA43 and ~10. There is another similar unit from 186.30 to 186.63, crenulated upper contact @CAA82, sharp lower contact @CAA36. There is also a small 3cm wide pegmatitic granitic gneiss vein at 179.72 @CAA56. -181.62 to 181.67 fine grained light pinkish grey aplite dyke, contacts @CAA63. Another aplite dyke occurs from 188.05 to 188.14, contacts @CAA86.
Z12-4F8	189.84	278.86	GRANITIC to SYENITIC GNEISS	Medium to coarse grained pinkish grey, grey, and darker grey granitic gneiss which grades to a syenitic gneiss going downcore. This unit is part of of the greater granitic pluton described upcore, which had been grading to a gneiss at around 100m going downcore. No observable graphite mineralization, however there are a series of subparallel and crossing dark grey fine grained veins from 234.12 to 234.87 which superficially and structurally are identical to graphite bearing veins found upcore; these veins, which make up 1-4$ of this section are not conductive whatsoever. Trace finely disseminated pyrite, and some flattened blebs on fracture surfaces. -200.34 to 201.05 chlorite biotite schist as in 174.90 to 189.84; contacts @CAA59 and 80. -247.70 to 248.42 non-magnetic greenish-bronze-brownish-grey chlorite muscovite/phlogopite biotite schist, contacts @CAA29 and 10, modal schistocity @CAA25. -248.42 to 251.86 weakly magnetic fine grained very dark grey diabase dyke; grades back to the upcore schist between 251.10 and 251.20. Contacts @CAA10 and 7. -264.00 to 276.30 weakly to moderately faulted/fractured zone (strongly fractured in the top meter and from 273.70 to 274.20). Primary fracture orientation @CAA40-50, secondary @CAA~20.
Z12-4F8	278.86	302.00	AMPHIBOLITE	Non-magnetic fine to medium grained dark slightly bluish grey amphibolite (intermediate flow/basaltic flow) with numerous syenitic gneiss fragments/xenoliths from the upcore or downcore units. The amphibolite itself is mainly fine grained, gradually coarsening to medium grained below 295m, where it is similar in composition to the diorite unit below 325m, downcore. Contacts with syenitic gneiss subunits are generally fractured, folded or crenulated, unless otherwise indicated. Syenitic gneiss fragments/subunits are as follows: 279.00 to 279.48 (lower contact @CAA81); from 279.82 to 280.10; from 280.83 to 281.00 (very angular fragment); from 281.54 to 281.82; from 282.78 to 283.44. From ~283.65 to 285.20 seems to be a mixture of syenitic and intermediate material, with indistinct 3mm to 6cm alternating bands; within this extent are some 5cm wide relatively unmetamorphosed granitic lithoclasts at 284.17 and at 284.46m. From 286.80 to 288.05 is another extent of syenitic gneiss, except there are two distinct sections of 8-11cm wide relatively unmetamorphosed granite "clasts" at 286.85 and at 287.12m. There is more syenitic gneiss from 288.41 to 289.49. Below this, there are 2-6cm long syenitic gneiss fragments/xenoliths at 291.59, 291.85, 293.09, 293.72, 294.36, and 294.52. More syenitic gneiss from 295.10 to 295.24, and from 298.02 to 298.17.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F8	302.00	325.00	SYENITIC GNEISS crosscut by AMPHIBOLITE	Similar to the upcore unit, except that the majority of the unit is syenitic gneiss (83%), with 17% fine grained bluish grey amphibolite. The amphibolite subunits range in length from 25cm up to 1.5m. The frequency of the crosscutting amphibolite units decreases with depth, where the bottom 2.5m contains to amphibolite units at all. The lower contact with the downcore monzonite is transitional over ~50cm. -312.10 to 314.95 fine grained non-magnetic grey intermediate dyke. Sharp upper and lower contacts @CAA53. There is a framework-supported brecciated section from 313.16 to 313.27 with ~0.5-2.0cm wide subangular clasts of intermediate dyke (40%), amphibolite (35%), and coarse grained syenitic gneiss (25%).
Z12-4F8	325.00	365.00	MONZONITE	Non-magnetic medium grained monzonite. This is a gradational continuation of the upcore syenite, with the potassium feldspar fraction reduced to less than 50% of the total feldspar, plagioclase becoming dominant. The monzonite is crosscut be a few amphibolite dykes/subunits from 342.76 to 342.98 and from 347.35 to 348.49, contacts sharp @CAA60-65.

END OF HOLE

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm
Z12-4F8	**M760919**	51.32	54.00	2.68	Strongly paleoweathered granite, weakly conductive, no observed carbonate	0.14	0.21	6.93	5.1	640	1.44	0.11	0.18	0.09
Z12-4F8	**M760920**	54.00	57.00	3.00	Strongly paleoweathered granite, weakly conductive, no observed carbonate	0.23	0.25	6.98	4.3	740	1.47	0.13	0.14	<0.02
Z12-4F8	**M760921**	57.00	59.50	2.50	Moderately paleoweathered granite	0.13	0.08	7.11	1.4	650	1.86	0.07	0.17	<0.02
Z12-4F8	**M760922**	59.50	61.55	2.05	granite; from 60.40 to 60.62, there is a section of crisscrossing weakly conductive dark grey veinlets, making up ~20-30% of this section	0.21	0.05	7.11	1.8	670	1.77	0.08	0.24	<0.02
Z12-4F8	**M760923**	61.55	63.58	2.03	granite; from 61.55 to 61.76 there is a section of crisscrossing weakly conductive dark grey veinlets (~30%), and in a few shorter zones (3-4cm long) at 62.44, 62.53, and at 62.62.	0.4	0.06	6.92	2.2	650	3.13	0.09	0.64	<0.02
Z12-4F8	**M760924**	63.58	64.57	0.99	strongly altered very dark grey schist unit, weakly brecciated in the bottom half with very dark grey weakly conductive material with grey biotite-rich clasts	1.37	0.09	6.69	1.4	660	2.12	0.13	0.26	<0.02
Z12-4F8	**M760925**	**64.57**	**QC**		**J600104 pulp (6.86%C)**	6.77	0.05	6.22	1.9	650	1.99	0.07	1.14	0.03
Z12-4F8	**M760926**	64.57	66.57	2.00	granite; bracket sample for upcore mineralization	0.13	0.05	6.87	2.1	680	1.94	0.07	0.2	<0.02
Z12-4F8	**M760927**	76.00	77.00	1.00	granite; olive-greenish grey to very dark grey schist unit from 76.13 to 76.50 containing very dark grey weakly conductive bands containing trace probable graphite.	1.2	0.14	6.08	6.4	1850	4.28	0.44	0.2	<0.02
Z12-4F8	**M760928**	77.00	79.00	2.00	granite, bracket sample for downcore graphitic overprinted section	0.4	0.04	6.58	2.8	890	1.79	0.11	0.4	<0.02
Z12-4F8	**M760929**	79.00	81.00	2.00	graphitic overprinted granite	0.43	0.09	6.55	2.8	810	3.05	0.14	0.23	<0.02
Z12-4F8	**M760930**	81.00	82.27	1.27	graphitic overprinted granite	0.11	0.05	6.5	3.6	900	3.52	0.12	0.22	<0.02
Z12-4F8	**M760931**	82.27	84.00	1.73	granite - earthy hematite alteration	0.28	0.09	5.91	3.7	870	4.48	0.24	0.7	<0.02
Z12-4F8	**M760932**	93.00	94.00	1.00	granite; small zone with submillimeter subparallel graphitic veinlets in the middle of the unit.	0.27	0.04	6.99	2.6	990	3.02	0.09	0.42	<0.02
Z12-4F8	**M760933**	110.96	113.00	2.04	graphitic overprinted granite to granitic gneiss	0.49	0.06	6.91	2.8	690	1.83	0.11	0.39	<0.02
Z12-4F8	**M760934**	113.00	115.00	2.00	graphitic overprinted granite to granitic gneiss	0.32	0.09	6.8	3.5	620	1.84	0.19	0.58	0.03

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm
Z12-4F8	**M760935**	115.00	117.00	2.00	graphitic overprinted granite to granitic gneiss	0.07	0.09	6.87	2.8	620	1.61	0.03	0.98	0.04
Z12-4F8	**M760936**	117.00	120.00	3.00	graphitic overprinted granite to granitic gneiss	0.08	0.07	6.7	2.4	650	1.19	0.02	1.12	0.04
Z12-4F8	**M760937**	120.00	122.00	2.00	graphitic overprinted granite to granitic gneiss	0.07	0.08	6.79	2.6	600	1.41	0.02	1.13	0.05
Z12-4F8	**M760938**	122.00	124.00	2.00	graphitic overprinted granite to granitic gneiss	0.1	0.06	6.74	2.9	640	1.17	0.03	1.03	0.04
Z12-4F8	**M760939**	124.00	127.00	3.00	graphitic overprinted granite to granitic gneiss; 126.15 to 126.60 higher concentration of graphitic veinlets	0.51	0.06	6.77	4.3	650	2.56	0.11	1.29	0.03
Z12-4F8	**M760940**	127.00	130.00	3.00	graphitic overprinted granite to granitic gneiss	0.23	0.07	7.16	5.1	610	5.62	0.16	0.83	<0.02
Z12-4F8	**M760941**	130.00	133.00	3.00	graphitic overprinted granite to granitic gneiss	0.22	0.09	6.88	4.1	560	4.62	0.05	1.32	0.07
Z12-4F8	**M760942**	133.00	136.00	3.00	graphitic overprinted granite to granitic gneiss	0.23	0.07	7.15	3.7	630	1.9	0.06	1.31	0.02
Z12-4F8	**M760943**	136.00	139.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	0.37	0.06	7.14	2.4	650	1.16	0.07	1.13	0.02
Z12-4F8	**M760944**	139.00	142.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	0.38	0.09	6.52	2.2	640	1.69	0.07	1.01	0.02
Z12-4F8	**M760945**	142.00	145.00	3.00	graphitic overprinted granite to granitic gneiss	0.26	0.1	6.65	2.3	740	1.04	0.05	0.96	0.05
Z12-4F8	**M760946**	145.00	148.00	3.00	graphitic overprinted granite to granitic gneiss	0.3	0.05	6.43	3.2	760	0.86	0.06	0.91	0.03
Z12-4F8	**M760947**	148.00	151.00	3.00	graphitic overprinted granite to granitic gneiss	0.17	0.07	6.51	2.6	720	1.14	0.05	0.81	0.04
Z12-4F8	**M760948**	151.00	154.00	3.00	graphitic overprinted granite to granitic gneiss	0.62	0.07	6.17	3.4	750	1.52	0.2	0.59	0.02
Z12-4F8	**M760949**	154.00	157.00	3.00	graphitic overprinted granite to granitic gneiss	0.18	0.08	6.28	2.5	700	1.34	0.08	0.7	0.08
Z12-4F8	**M760950**	**157.00**	**QC**		**J600092 Pulp (3.33%C)**	3.28	0.05	6.66	2.4	560	2.39	0.07	1.07	0.03
Z12-4F8	**M760951**	157.00	160.00	3.00	graphitic overprinted granite to granitic gneiss	0.1	0.16	6.98	11	690	2.24	0.14	0.87	0.38
Z12-4F8	**M760952**	160.00	163.00	3.00	graphitic overprinted granite to granitic gneiss	0.27	0.07	6.9	3.7	670	1.88	0.1	1.22	0.16
Z12-4F8	**M760953**	163.00	166.00	3.00	graphitic overprinted granite to granitic gneiss	0.27	0.13	6.36	3.2	680	1.43	0.06	0.69	0.05
Z12-4F8	**M760954**	166.00	169.00	3.00	graphitic overprinted granite to granitic gneiss	0.52	0.11	6.48	2.1	720	1.83	0.08	0.67	0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm
Z12-4F8	**M760955**	169.00	172.00	3.00	graphitic overprinted granite to granitic gneiss; graphitic mineralized dark grey chlorite biotite schist from 169.78 to 171.32 that is variably conductive; several 3 to 20mm long strongly conductive zones containing graphite along with other dark grey fine grained minerals	1.88	0.21	7.57	48.4	710	3.35	0.18	1.3	0.04
Z12-4F8	**M760956**	172.00	174.90	2.90	graphitic overprinted granite to granitic gneiss	0.58	0.12	6.46	5.3	630	2.44	0.09	0.81	0.03
Z12-4F8	**M760957**	174.90	177.90	3.00	chlorite biotite schist, unmineralized	0.57	0.35	6.1	35.1	1300	3.27	0.21	5.55	0.08
Z12-4F8	**M760958**	234.12	234.87	0.75	granitic gneiss with a series of subparallel and crossing dark grey fine grained veins, identical to graphite bearing veins found upcore but are not conductive	0.22	0.09	6.72	0.8	630	1.23	0.06	1.19	0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm	Ge_ppm	Hf_ppm
Z12-4F8	**M760919**	51.32	54.00	2.68	Strongly paleoweathered granite, weakly conductive, no observed carbonate	33	3.4	11	3.66	17.7	1.4	19.7	0.14	3.4
Z12-4F8	**M760920**	54.00	57.00	3.00	Strongly paleoweathered granite, weakly conductive, no observed carbonate	29.3	2.1	8	3.76	8.2	1.13	20.3	0.14	2.7
Z12-4F8	**M760921**	57.00	59.50	2.50	Moderately paleoweathered granite	33.3	1	8	4.62	5.3	1.26	21.4	0.15	2.9
Z12-4F8	**M760922**	59.50	61.55	2.05	granite; from 60.40 to 60.62, there is a section of crisscrossing weakly conductive dark grey veinlets, making up ~20-30% of this section	27.4	1	7	4.01	7.1	1.03	19.8	0.14	2.5
Z12-4F8	**M760923**	61.55	63.58	2.03	granite; from 61.55 to 61.76 there is a section of crisscrossing weakly conductive dark grey veinlets (~30%), and in a few shorter zones (3-4cm long) at 62.44, 62.53, and at 62.62.	72.3	5.4	55	9.07	6.2	2.16	20.1	0.19	3
Z12-4F8	**M760924**	63.58	64.57	0.99	strongly altered very dark grey schist unit, weakly brecciated in the bottom half with very dark grey weakly conductive material with grey biotite-rich clasts	42.5	1.4	25	5.42	5.8	1.15	19.2	0.19	2.5
Z12-4F8	**M760925**	**64.57**	**QC**		**J600104 pulp (6.86%C)**	49.6	3.6	26	1.64	10.1	1.6	17.3	0.16	2.4
Z12-4F8	**M760926**	64.57	66.57	2.00	granite; bracket sample for upcore mineralization	32.1	1.2	8	3.84	4.8	1.42	20.8	0.16	2.4
Z12-4F8	**M760927**	76.00	77.00	1.00	granite; olive-greenish grey to very dark grey schist unit from 76.13 to 76.50 containing very dark grey weakly conductive bands containing trace probable graphite.	379	4.5	32	7.22	15.2	3.05	21.1	0.44	2.5
Z12-4F8	**M760928**	77.00	79.00	2.00	granite, bracket sample for downcore graphitic overprinted section	40	1	11	3.46	5	1.21	17.6	0.17	2.1
Z12-4F8	**M760929**	79.00	81.00	2.00	graphitic overprinted granite	53.4	1	10	4.25	5.4	1.31	18.15	0.19	2.4
Z12-4F8	**M760930**	81.00	82.27	1.27	graphitic overprinted granite	39.3	1.6	8	3.45	4.8	1.72	18.15	0.16	2.7
Z12-4F8	**M760931**	82.27	84.00	1.73	granite - earthy hematite alteration	99	2.1	9	3.26	5.2	2	14.4	0.22	2.5
Z12-4F8	**M760932**	93.00	94.00	1.00	granite; small zone with submillimeter subparallel graphitic veinlets in the middle of the unit.	86.6	2.7	28	8.18	5.9	2.09	21	0.22	2.2
Z12-4F8	**M760933**	110.96	113.00	2.04	graphitic overprinted granite to granitic gneiss	43	1.2	8	4.95	5.5	1.16	19.7	0.22	2.3
Z12-4F8	**M760934**	113.00	115.00	2.00	graphitic overprinted granite to granitic gneiss	34.6	1.8	7	5.05	12.1	1.52	19.3	0.15	2.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm	Ge_ppm	Hf_ppm
Z12-4F8	**M760935**	115.00	117.00	2.00	graphitic overprinted granite to granitic gneiss	31.1	1.4	7	2.04	8.7	1.42	19.85	0.18	2.6
Z12-4F8	**M760936**	117.00	120.00	3.00	graphitic overprinted granite to granitic gneiss	32	1.5	10	1.48	9.1	1.28	20.1	0.15	2.6
Z12-4F8	**M760937**	120.00	122.00	2.00	graphitic overprinted granite to granitic gneiss	31.7	1.8	10	1.82	4.7	1.45	19.85	0.17	2.6
Z12-4F8	**M760938**	122.00	124.00	2.00	graphitic overprinted granite to granitic gneiss	30.3	1.6	10	2.25	3.7	1.29	19.35	0.18	2.5
Z12-4F8	**M760939**	124.00	127.00	3.00	graphitic overprinted granite to granitic gneiss; 126.15 to 126.60 higher concentration of graphitic veinlets	64.3	9.7	155	8.1	6.2	2.44	19.85	0.17	2.8
Z12-4F8	**M760940**	127.00	130.00	3.00	graphitic overprinted granite to granitic gneiss	167	1.6	10	4.89	6.5	1.36	24.1	0.25	3.6
Z12-4F8	**M760941**	130.00	133.00	3.00	graphitic overprinted granite to granitic gneiss	144.5	1.5	8	2.91	3.1	1.57	21.1	0.25	4.2
Z12-4F8	**M760942**	133.00	136.00	3.00	graphitic overprinted granite to granitic gneiss	47.3	5.2	14	4.17	10.3	2.02	20.7	0.21	2.8
Z12-4F8	**M760943**	136.00	139.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	30.2	1.6	14	2.3	3.5	1.3	19.55	0.19	2.5
Z12-4F8	**M760944**	139.00	142.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	33	1.4	12	2.84	6.8	1.13	19.5	0.16	2.8
Z12-4F8	**M760945**	142.00	145.00	3.00	graphitic overprinted granite to granitic gneiss	35.8	1.2	11	2.08	6.3	1.39	19.05	0.18	2.8
Z12-4F8	**M760946**	145.00	148.00	3.00	graphitic overprinted granite to granitic gneiss	29.7	1.2	12	1.87	5.2	1.18	18.3	0.17	2.4
Z12-4F8	**M760947**	148.00	151.00	3.00	graphitic overprinted granite to granitic gneiss	31.8	1.2	12	2.02	5	1.21	18.4	0.16	2.4
Z12-4F8	**M760948**	151.00	154.00	3.00	graphitic overprinted granite to granitic gneiss	49.4	1.3	10	4.77	5.3	1.17	19.7	0.21	2.7
Z12-4F8	**M760949**	154.00	157.00	3.00	graphitic overprinted granite to granitic gneiss	29.2	1.2	12	2.03	7.7	1.14	18.1	0.15	2.5
Z12-4F8	**M760950**	**157.00**	**QC**		**J600092 Pulp (3.33%C)**	38.6	3.1	14	2.11	11	1.46	19.85	0.22	2.3
Z12-4F8	**M760951**	157.00	160.00	3.00	graphitic overprinted granite to granitic gneiss	32.3	5.3	40	5.4	11.3	2.02	21.7	0.19	2.4
Z12-4F8	**M760952**	160.00	163.00	3.00	graphitic overprinted granite to granitic gneiss	37.4	6.3	58	7.31	12.6	2.19	19.85	0.2	2.5
Z12-4F8	**M760953**	163.00	166.00	3.00	graphitic overprinted granite to granitic gneiss	36.7	1.3	12	2.34	16.5	1.05	19.6	0.05	2.4
Z12-4F8	**M760954**	166.00	169.00	3.00	graphitic overprinted granite to granitic gneiss	34.3	1.4	23	2.74	11.5	1.14	19.25	0.06	2.6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm	Ge_ppm	Hf_ppm
Z12-4F8	**M760955**	169.00	172.00	3.00	graphitic overprinted granite to granitic gneiss; graphitic mineralized dark grey chlorite biotite schist from 169.78 to 171.32 that is variably conductive; several 3 to 20mm long strongly conductive zones containing graphite along with other dark grey fine grained minerals	44.4	22.5	514	29.1	7.2	5.33	32.6	0.2	2.5
Z12-4F8	**M760956**	172.00	174.90	2.90	graphitic overprinted granite to granitic gneiss	39.1	2	19	3.57	16.6	1.18	22.1	0.08	2.8
Z12-4F8	**M760957**	174.90	177.90	3.00	chlorite biotite schist, unmineralized	96.3	52.3	683	15.05	80.3	6.48	16.2	0.34	2.6
Z12-4F8	**M760958**	234.12	234.87	0.75	granitic gneiss with a series of subparallel and crossing dark grey fine grained veins, identical to graphite bearing veins found upcore but are not conductive	27.5	1.7	9	1.57	12.4	1.16	22.4	0.06	2.8

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm
Z12-4F8	**M760919**	51.32	54.00	2.68	Strongly paleoweathered granite, weakly conductive, no observed carbonate	0.014	6.99	18.1	23.5	0.33	103	0.57	0.13	8.9
Z12-4F8	**M760920**	54.00	57.00	3.00	Strongly paleoweathered granite, weakly conductive, no observed carbonate	0.009	6.93	15.2	21.6	0.32	112	0.42	0.13	8.7
Z12-4F8	**M760921**	57.00	59.50	2.50	Moderately paleoweathered granite	0.012	6.93	16.1	27.2	0.39	145	0.24	0.13	12.6
Z12-4F8	**M760922**	59.50	61.55	2.05	granite; from 60.40 to 60.62, there is a section of crisscrossing weakly conductive dark grey veinlets, making up ~20-30% of this section	0.011	6.96	13.1	24.6	0.36	95	0.23	0.14	10.9
Z12-4F8	**M760923**	61.55	63.58	2.03	granite; from 61.55 to 61.76 there is a section of crisscrossing weakly conductive dark grey veinlets (~30%), and in a few shorter zones (3-4cm long) at 62.44, 62.53, and at 62.62.	0.023	6.78	33.9	36.5	0.71	128	0.19	0.1	11.7
Z12-4F8	**M760924**	63.58	64.57	0.99	strongly altered very dark grey schist unit, weakly brecciated in the bottom half with very dark grey weakly conductive material with grey biotite-rich clasts	0.011	6.93	20.9	42.2	0.46	125	0.23	0.13	12.8
Z12-4F8	**M760925**	**64.57**	**QC**		**J600104 pulp (6.86%C)**	0.023	2.61	27.4	19.6	0.39	280	1.4	3.06	19.6
Z12-4F8	**M760926**	64.57	66.57	2.00	granite; bracket sample for upcore mineralization	0.013	6.95	14.9	29.4	0.38	161	0.29	0.15	10
Z12-4F8	**M760927**	76.00	77.00	1.00	granite; olive-greenish grey to very dark grey schist unit from 76.13 to 76.50 containing very dark grey weakly conductive bands containing trace probable graphite.	0.039	6.52	224	32.5	0.39	115	0.79	0.16	17.6
Z12-4F8	**M760928**	77.00	79.00	2.00	granite, bracket sample for downcore graphitic overprinted section	0.008	7.01	20.3	25.4	0.23	135	0.35	0.42	13.5
Z12-4F8	**M760929**	79.00	81.00	2.00	graphitic overprinted granite	0.015	6.68	26.3	50.5	0.27	129	0.3	0.62	12.6
Z12-4F8	**M760930**	81.00	82.27	1.27	graphitic overprinted granite	0.011	6.01	16.5	58.5	0.4	195	0.37	0.93	13
Z12-4F8	**M760931**	82.27	84.00	1.73	granite - earthy hematite alteration	0.021	6.59	35.7	24.3	0.34	134	0.49	0.15	12.5
Z12-4F8	**M760932**	93.00	94.00	1.00	granite; small zone with submillimeter subparallel graphitic veinlets in the middle of the unit.	0.024	5.95	48.4	77	0.61	218	0.32	1.29	19.7
Z12-4F8	**M760933**	110.96	113.00	2.04	graphitic overprinted granite to granitic gneiss	0.012	4.55	22.2	35.1	0.21	119	0.49	2.26	12.3
Z12-4F8	**M760934**	113.00	115.00	2.00	graphitic overprinted granite to granitic gneiss	0.015	4.05	17.4	38.6	0.31	200	0.31	2.38	13.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm
Z12-4F8	**M760935**	115.00	117.00	2.00	graphitic overprinted granite to granitic gneiss	0.013	3.35	16.3	38.2	0.19	240	0.35	2.8	8.4
Z12-4F8	**M760936**	117.00	120.00	3.00	graphitic overprinted granite to granitic gneiss	0.013	2.96	16.5	35.3	0.15	256	0.29	2.93	9.5
Z12-4F8	**M760937**	120.00	122.00	2.00	graphitic overprinted granite to granitic gneiss	0.02	2.88	16.5	52.1	0.22	266	0.29	2.81	7.8
Z12-4F8	**M760938**	122.00	124.00	2.00	graphitic overprinted granite to granitic gneiss	0.014	3.1	16.1	47.7	0.18	227	0.29	2.73	7.1
Z12-4F8	**M760939**	124.00	127.00	3.00	graphitic overprinted granite to granitic gneiss; 126.15 to 126.60 higher concentration of graphitic veinlets	0.019	3.6	37.5	77.3	1.45	322	1.11	2.16	8.5
Z12-4F8	**M760940**	127.00	130.00	3.00	graphitic overprinted granite to granitic gneiss	0.008	3.32	94.1	92.3	0.24	175	1.18	3.08	51.8
Z12-4F8	**M760941**	130.00	133.00	3.00	graphitic overprinted granite to granitic gneiss	0.016	2.69	83.3	98.4	0.2	364	0.85	3.13	33.8
Z12-4F8	**M760942**	133.00	136.00	3.00	graphitic overprinted granite to granitic gneiss	0.016	3.19	22.8	83.6	0.59	256	0.54	2.5	18.7
Z12-4F8	**M760943**	136.00	139.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	0.008	3.03	16.1	50.7	0.12	216	0.47	2.78	7.1
Z12-4F8	**M760944**	139.00	142.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	0.012	2.75	16.7	44.2	0.1	210	0.38	2.85	10.2
Z12-4F8	**M760945**	142.00	145.00	3.00	graphitic overprinted granite to granitic gneiss	0.011	2.92	18.4	44.6	0.11	311	0.39	2.81	7.5
Z12-4F8	**M760946**	145.00	148.00	3.00	graphitic overprinted granite to granitic gneiss	0.01	3.17	15.9	40.8	0.11	250	0.61	2.65	6.3
Z12-4F8	**M760947**	148.00	151.00	3.00	graphitic overprinted granite to granitic gneiss	0.011	3.44	17.6	37.1	0.13	261	0.42	2.59	6.6
Z12-4F8	**M760948**	151.00	154.00	3.00	graphitic overprinted granite to granitic gneiss	0.01	3.47	25.8	36.8	0.19	180	0.64	2.54	7.8
Z12-4F8	**M760949**	154.00	157.00	3.00	graphitic overprinted granite to granitic gneiss	0.009	3.38	15.3	40	0.15	225	0.7	2.52	6.3
Z12-4F8	**M760950**	**157.00**	**QC**		**J600092 Pulp (3.33%C)**	0.018	2.82	19.3	19.7	0.3	229	0.55	3.1	13.8
Z12-4F8	**M760951**	157.00	160.00	3.00	graphitic overprinted granite to granitic gneiss	0.03	3.61	16.9	84	0.67	406	2.99	2.38	11.1
Z12-4F8	**M760952**	160.00	163.00	3.00	graphitic overprinted granite to granitic gneiss	0.027	3.27	18.9	85.6	0.83	428	0.43	2.61	9.4
Z12-4F8	**M760953**	163.00	166.00	3.00	graphitic overprinted granite to granitic gneiss	0.008	3.3	18.3	43.1	0.11	162	0.46	2.54	8.2
Z12-4F8	**M760954**	166.00	169.00	3.00	graphitic overprinted granite to granitic gneiss	0.005	3.24	17.2	31.4	0.13	156	0.49	2.66	7.5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	In_ppm	K%	La_ppm	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm
Z12-4F8	**M760955**	169.00	172.00	3.00	graphitic overprinted granite to granitic gneiss; graphitic mineralized dark grey chlorite biotite schist from 169.78 to 171.32 that is variably conductive; several 3 to 20mm long strongly conductive zones containing graphite along with other dark grey fine grained minerals	0.057	4.24	20.6	235	4.21	1040	0.81	2.14	18.2
Z12-4F8	**M760956**	172.00	174.90	2.90	graphitic overprinted granite to granitic gneiss	0.01	2.75	19.6	61.7	0.2	145	0.41	2.78	10.4
Z12-4F8	**M760957**	174.90	177.90	3.00	chlorite biotite schist, unmineralized	0.052	2.12	39.1	174	7.29	1280	0.41	1.94	23.9
Z12-4F8	**M760958**	234.12	234.87	0.75	granitic gneiss with a series of subparallel and crossing dark grey fine grained veins, identical to graphite bearing veins found upcore but are not conductive	0.009	2.46	14.1	49.8	0.12	261	1.3	3.1	8.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm	Se_ppm
Z12-4F8	**M760919**	51.32	54.00	2.68	Strongly paleoweathered granite, weakly conductive, no observed carbonate	4.6	250	15.1	64.7	<0.002	0.74	0.16	2	1
Z12-4F8	**M760920**	54.00	57.00	3.00	Strongly paleoweathered granite, weakly conductive, no observed carbonate	3	190	15.1	88.8	<0.002	0.29	0.12	2	1
Z12-4F8	**M760921**	57.00	59.50	2.50	Moderately paleoweathered granite	2.5	220	9.8	87.8	<0.002	0.04	0.1	2.1	1
Z12-4F8	**M760922**	59.50	61.55	2.05	granite; from 60.40 to 60.62, there is a section of crisscrossing weakly conductive dark grey veinlets, making up ~20-30% of this section	2.5	100	10	87.2	<0.002	0.04	0.09	1.8	<1
Z12-4F8	**M760923**	61.55	63.58	2.03	granite; from 61.55 to 61.76 there is a section of crisscrossing weakly conductive dark grey veinlets (~30%), and in a few shorter zones (3-4cm long) at 62.44, 62.53, and at 62.62.	13.7	970	7.7	111	0.002	0.03	0.12	5.9	1
Z12-4F8	**M760924**	63.58	64.57	0.99	strongly altered very dark grey schist unit, weakly brecciated in the bottom half with very dark grey weakly conductive material with grey biotite-rich clasts	4.1	180	8.3	143.5	<0.002	0.02	0.09	2.1	1
Z12-4F8	**M760925**	**64.57**	**QC**		**J600104 pulp (6.86%C)**	9.8	280	13.4	92.4	<0.002	0.35	0.22	3.1	1
Z12-4F8	**M760926**	64.57	66.57	2.00	granite; bracket sample for upcore mineralization	3.6	170	9	133.5	<0.002	0.03	0.11	2	2
Z12-4F8	**M760927**	76.00	77.00	1.00	granite; olive-greenish grey to very dark grey schist unit from 76.13 to 76.50 containing very dark grey weakly conductive bands containing trace probable graphite.	8.1	440	6.2	136	<0.002	0.18	0.2	2.8	1
Z12-4F8	**M760928**	77.00	79.00	2.00	granite, bracket sample for downcore graphitic overprinted section	2.6	90	10.3	147	<0.002	0.04	0.13	1.7	1
Z12-4F8	**M760929**	79.00	81.00	2.00	graphitic overprinted granite	2.5	100	10.5	154	<0.002	0.03	0.13	1.9	1
Z12-4F8	**M760930**	81.00	82.27	1.27	graphitic overprinted granite	5.2	90	9.1	141.5	<0.002	0.02	0.14	1.9	1
Z12-4F8	**M760931**	82.27	84.00	1.73	granite - earthy hematite alteration	5.7	100	8.3	147.5	<0.002	0.03	0.2	2.1	1
Z12-4F8	**M760932**	93.00	94.00	1.00	granite; small zone with submillimeter subparallel graphitic veinlets in the middle of the unit.	15.3	570	8.5	182	<0.002	0.02	0.13	2.7	1
Z12-4F8	**M760933**	110.96	113.00	2.04	graphitic overprinted granite to granitic gneiss	2.8	120	11.4	143.5	<0.002	0.14	0.12	1.8	1
Z12-4F8	**M760934**	113.00	115.00	2.00	graphitic overprinted granite to granitic gneiss	3.8	170	11.7	126	<0.002	0.12	0.14	2	<1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm	Se_ppm
Z12-4F8	**M760935**	115.00	117.00	2.00	graphitic overprinted granite to granitic gneiss	2.9	150	14.6	107	<0.002	0.04	0.09	1.7	1
Z12-4F8	**M760936**	117.00	120.00	3.00	graphitic overprinted granite to granitic gneiss	1.7	160	14.1	99.8	<0.002	0.03	0.08	1.8	1
Z12-4F8	**M760937**	120.00	122.00	2.00	graphitic overprinted granite to granitic gneiss	2.9	140	15	97.5	<0.002	0.05	0.08	2	1
Z12-4F8	**M760938**	122.00	124.00	2.00	graphitic overprinted granite to granitic gneiss	1.9	140	15.1	98.9	<0.002	0.11	0.09	1.8	1
Z12-4F8	**M760939**	124.00	127.00	3.00	graphitic overprinted granite to granitic gneiss; 126.15 to 126.60 higher concentration of graphitic veinlets	56.9	560	15.8	137	<0.002	0.16	0.12	6.2	1
Z12-4F8	**M760940**	127.00	130.00	3.00	graphitic overprinted granite to granitic gneiss	2.8	150	20.3	192.5	<0.002	0.2	0.21	1.9	2
Z12-4F8	**M760941**	130.00	133.00	3.00	graphitic overprinted granite to granitic gneiss	2	150	34.5	128.5	<0.002	0.1	0.17	1.9	1
Z12-4F8	**M760942**	133.00	136.00	3.00	graphitic overprinted granite to granitic gneiss	14.6	410	15.2	132.5	0.002	0.2	0.1	3.4	1
Z12-4F8	**M760943**	136.00	139.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	1.8	150	17.7	101	<0.002	0.25	0.08	1.7	<1
Z12-4F8	**M760944**	139.00	142.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	1.6	150	18.1	108.5	<0.002	0.24	0.09	1.6	<1
Z12-4F8	**M760945**	142.00	145.00	3.00	graphitic overprinted granite to granitic gneiss	1.6	140	17	104.5	<0.002	0.23	0.09	1.5	<1
Z12-4F8	**M760946**	145.00	148.00	3.00	graphitic overprinted granite to granitic gneiss	1.6	120	16.3	104.5	<0.002	0.25	0.09	1.5	1
Z12-4F8	**M760947**	148.00	151.00	3.00	graphitic overprinted granite to granitic gneiss	1.7	110	15.9	106.5	<0.002	0.22	0.09	1.6	<1
Z12-4F8	**M760948**	151.00	154.00	3.00	graphitic overprinted granite to granitic gneiss	2.2	100	11.3	114.5	<0.002	0.25	0.11	1.6	1
Z12-4F8	**M760949**	154.00	157.00	3.00	graphitic overprinted granite to granitic gneiss	2.1	90	17.9	101.5	<0.002	0.18	0.11	1.5	1
Z12-4F8	**M760950**	**157.00**	**QC**		**J600092 Pulp (3.33%C)**	5.9	240	13.7	113	<0.002	0.3	0.16	3.3	1
Z12-4F8	**M760951**	157.00	160.00	3.00	graphitic overprinted granite to granitic gneiss	11.8	250	38.7	144.5	<0.002	0.16	0.16	5.4	1
Z12-4F8	**M760952**	160.00	163.00	3.00	graphitic overprinted granite to granitic gneiss	13.3	230	28.6	149.5	<0.002	0.15	0.11	6.4	1
Z12-4F8	**M760953**	163.00	166.00	3.00	graphitic overprinted granite to granitic gneiss	2.3	100	17.5	105.5	<0.002	0.26	0.07	1.6	1
Z12-4F8	**M760954**	166.00	169.00	3.00	graphitic overprinted granite to granitic gneiss	2.3	120	18.1	106	<0.002	0.29	0.09	1.7	1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm	Se_ppm
Z12-4F8	**M760955**	169.00	172.00	3.00	graphitic overprinted granite to granitic gneiss; graphitic mineralized dark grey chlorite biotite schist from 169.78 to 171.32 that is variably conductive; several 3 to 20mm long strongly conductive zones containing graphite along with other dark grey fine grained minerals	217	740	8.3	339	<0.002	0.19	0.21	14.3	1
Z12-4F8	**M760956**	172.00	174.90	2.90	graphitic overprinted granite to granitic gneiss	5.1	140	13.8	94.9	<0.002	0.25	0.09	2.4	1
Z12-4F8	**M760957**	174.90	177.90	3.00	chlorite biotite schist, unmineralized	323	1400	7.6	141.5	<0.002	0.22	0.28	28.4	2
Z12-4F8	**M760958**	234.12	234.87	0.75	granitic gneiss with a series of subparallel and crossing dark grey fine grained veins, identical to graphite bearing veins found upcore but are not conductive	1.7	130	17.2	100	<0.002	0.26	0.06	1.9	1

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm
Z12-4F8	**M760919**	51.32	54.00	2.68	Strongly paleoweathered granite, weakly conductive, no observed carbonate	1.5	78.6	0.73	0.05	5.7	0.077	0.83	1.3	10
Z12-4F8	**M760920**	54.00	57.00	3.00	Strongly paleoweathered granite, weakly conductive, no observed carbonate	0.9	136.5	0.6	0.09	4.9	0.062	0.91	0.9	7
Z12-4F8	**M760921**	57.00	59.50	2.50	Moderately paleoweathered granite	1	69.4	0.81	0.05	6	0.072	0.73	0.8	8
Z12-4F8	**M760922**	59.50	61.55	2.05	granite; from 60.40 to 60.62, there is a section of crisscrossing weakly conductive dark grey veinlets, making up ~20-30% of this section	0.8	73.6	0.8	0.05	5.2	0.066	0.67	0.8	9
Z12-4F8	**M760923**	61.55	63.58	2.03	granite; from 61.55 to 61.76 there is a section of crisscrossing weakly conductive dark grey veinlets (~30%), and in a few shorter zones (3-4cm long) at 62.44, 62.53, and at 62.62.	1.3	76.1	2.16	<0.05	6.5	0.173	0.79	1.8	36
Z12-4F8	**M760924**	63.58	64.57	0.99	strongly altered very dark grey schist unit, weakly brecciated in the bottom half with very dark grey weakly conductive material with grey biotite-rich clasts	0.6	83.4	0.77	0.05	9.4	0.068	0.73	0.6	7
Z12-4F8	**M760925**	**64.57**	**QC**		**J600104 pulp (6.86%C)**	0.8	243	1.03	<0.05	8.8	0.103	0.33	2.4	15
Z12-4F8	**M760926**	64.57	66.57	2.00	granite; bracket sample for upcore mineralization	0.9	67.5	0.86	<0.05	4.2	0.071	0.6	0.8	8
Z12-4F8	**M760927**	76.00	77.00	1.00	granite; olive-greenish grey to very dark grey schist unit from 76.13 to 76.50 containing very dark grey weakly conductive bands containing trace probable graphite.	1.3	215	0.66	0.11	97.4	0.043	0.61	1	14
Z12-4F8	**M760928**	77.00	79.00	2.00	granite, bracket sample for downcore graphitic overprinted section	0.9	131	0.99	<0.05	5.9	0.053	0.6	1.2	6
Z12-4F8	**M760929**	79.00	81.00	2.00	graphitic overprinted granite	0.9	126	1.21	<0.05	11.5	0.053	0.6	1.2	4
Z12-4F8	**M760930**	81.00	82.27	1.27	graphitic overprinted granite	1.2	118	0.74	<0.05	6.7	0.066	0.62	1.3	5
Z12-4F8	**M760931**	82.27	84.00	1.73	granite - earthy hematite alteration	2.3	72.5	0.74	<0.05	7.7	0.051	0.59	1.2	6
Z12-4F8	**M760932**	93.00	94.00	1.00	granite; small zone with submillimeter subparallel graphitic veinlets in the middle of the unit.	1.5	243	2.45	<0.05	4.4	0.07	0.85	2.1	12
Z12-4F8	**M760933**	110.96	113.00	2.04	graphitic overprinted granite to granitic gneiss	1.3	157	0.93	0.05	6.8	0.049	0.59	1.7	3
Z12-4F8	**M760934**	113.00	115.00	2.00	graphitic overprinted granite to granitic gneiss	1.2	169	0.97	<0.05	5	0.075	0.53	2.9	6

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm
Z12-4F8	**M760935**	115.00	117.00	2.00	graphitic overprinted granite to granitic gneiss	0.9	173	0.72	<0.05	4.5	0.065	0.53	1	5
Z12-4F8	**M760936**	117.00	120.00	3.00	graphitic overprinted granite to granitic gneiss	1	181	0.54	<0.05	4.3	0.066	0.49	0.8	5
Z12-4F8	**M760937**	120.00	122.00	2.00	graphitic overprinted granite to granitic gneiss	1	176	0.51	<0.05	4.3	0.073	0.46	0.8	5
Z12-4F8	**M760938**	122.00	124.00	2.00	graphitic overprinted granite to granitic gneiss	0.9	169	0.55	<0.05	4.2	0.071	0.47	2	5
Z12-4F8	**M760939**	124.00	127.00	3.00	graphitic overprinted granite to granitic gneiss; 126.15 to 126.60 higher concentration of graphitic veinlets	1.4	227	0.9	<0.05	5.7	0.133	0.96	1.5	31
Z12-4F8	**M760940**	127.00	130.00	3.00	graphitic overprinted granite to granitic gneiss	2.5	161	3.52	<0.05	12.7	0.074	0.66	3.3	5
Z12-4F8	**M760941**	130.00	133.00	3.00	graphitic overprinted granite to granitic gneiss	1.6	153.5	2.38	<0.05	19.3	0.071	0.57	2.4	5
Z12-4F8	**M760942**	133.00	136.00	3.00	graphitic overprinted granite to granitic gneiss	1.4	223	1.26	<0.05	7	0.12	0.75	2.1	20
Z12-4F8	**M760943**	136.00	139.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	0.8	178.5	0.75	<0.05	4.4	0.073	0.87	1.3	5
Z12-4F8	**M760944**	139.00	142.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	0.8	180.5	1.02	<0.05	5.2	0.066	0.79	1.4	5
Z12-4F8	**M760945**	142.00	145.00	3.00	graphitic overprinted granite to granitic gneiss	0.9	205	0.58	<0.05	5	0.059	0.75	1.1	4
Z12-4F8	**M760946**	145.00	148.00	3.00	graphitic overprinted granite to granitic gneiss	0.7	186.5	0.38	0.05	4.8	0.058	0.67	1	4
Z12-4F8	**M760947**	148.00	151.00	3.00	graphitic overprinted granite to granitic gneiss	0.9	162	0.45	<0.05	4.9	0.054	0.69	1.4	3
Z12-4F8	**M760948**	151.00	154.00	3.00	graphitic overprinted granite to granitic gneiss	0.9	187.5	0.6	0.12	11.1	0.055	0.58	1.6	4
Z12-4F8	**M760949**	154.00	157.00	3.00	graphitic overprinted granite to granitic gneiss	0.8	178	0.48	<0.05	4.9	0.053	0.51	1.5	4
Z12-4F8	**M760950**	**157.00**	**QC**		**J600092 Pulp (3.33%C)**	1.4	244	1.13	0.05	6.3	0.096	0.4	2.7	14
Z12-4F8	**M760951**	157.00	160.00	3.00	graphitic overprinted granite to granitic gneiss	1.6	205	1.51	0.05	5	0.106	0.7	2.5	23
Z12-4F8	**M760952**	160.00	163.00	3.00	graphitic overprinted granite to granitic gneiss	1.3	234	0.94	0.05	4.9	0.1	0.94	1.6	29
Z12-4F8	**M760953**	163.00	166.00	3.00	graphitic overprinted granite to granitic gneiss	0.7	173.5	0.61	<0.05	7.5	0.052	0.63	1.6	4
Z12-4F8	**M760954**	166.00	169.00	3.00	graphitic overprinted granite to granitic gneiss	0.5	182	0.65	0.05	10.7	0.053	0.66	1.5	4

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti%	Tl_ppm	U_ppm	V_ppm
Z12-4F8	**M760955**	169.00	172.00	3.00	graphitic overprinted granite to granitic gneiss; graphitic mineralized dark grey chlorite biotite schist from 169.78 to 171.32 that is variably conductive; several 3 to 20mm long strongly conductive zones containing graphite along with other dark grey fine grained minerals	4.3	235	2.21	0.1	11.3	0.188	2.36	2.6	73
Z12-4F8	**M760956**	172.00	174.90	2.90	graphitic overprinted granite to granitic gneiss	0.7	197	1.24	0.06	8.6	0.059	0.55	2.7	6
Z12-4F8	**M760957**	174.90	177.90	3.00	chlorite biotite schist, unmineralized	3.5	572	0.68	0.07	36.9	0.314	1.4	1.9	138
Z12-4F8	**M760958**	234.12	234.87	0.75	granitic gneiss with a series of subparallel and crossing dark grey fine grained veins, identical to graphite bearing veins found upcore but are not conductive	0.8	170.5	0.64	0.05	4.7	0.066	0.72	0.9	5

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Z12-4F8	**M760919**	51.32	54.00	2.68	Strongly paleoweathered granite, weakly conductive, no observed carbonate	2.5	7.5	31	123
Z12-4F8	**M760920**	54.00	57.00	3.00	Strongly paleoweathered granite, weakly conductive, no observed carbonate	2.8	6.2	11	103.5
Z12-4F8	**M760921**	57.00	59.50	2.50	Moderately paleoweathered granite	1.2	7.9	16	108
Z12-4F8	**M760922**	59.50	61.55	2.05	granite; from 60.40 to 60.62, there is a section of crisscrossing weakly conductive dark grey veinlets, making up ~20-30% of this section	0.8	5.9	11	92.9
Z12-4F8	**M760923**	61.55	63.58	2.03	granite; from 61.55 to 61.76 there is a section of crisscrossing weakly conductive dark grey veinlets (~30%), and in a few shorter zones (3-4cm long) at 62.44, 62.53, and at 62.62.	1.1	13.5	45	118.5
Z12-4F8	**M760924**	63.58	64.57	0.99	strongly altered very dark grey schist unit, weakly brecciated in the bottom half with very dark grey weakly conductive material with grey biotite-rich clasts	1	9.7	13	94.8
Z12-4F8	**M760925**	**64.57**	**QC**		**J600104 pulp (6.86%C)**	0.7	9.9	26	86.3
Z12-4F8	**M760926**	64.57	66.57	2.00	granite; bracket sample for upcore mineralization	0.6	7.5	15	92.8
Z12-4F8	**M760927**	76.00	77.00	1.00	granite; olive-greenish grey to very dark grey schist unit from 76.13 to 76.50 containing very dark grey weakly conductive bands containing trace probable graphite.	1	21.1	30	81.1
Z12-4F8	**M760928**	77.00	79.00	2.00	granite, bracket sample for downcore graphitic overprinted section	0.5	6.7	14	65.9
Z12-4F8	**M760929**	79.00	81.00	2.00	graphitic overprinted granite	0.6	8.9	15	72.8
Z12-4F8	**M760930**	81.00	82.27	1.27	graphitic overprinted granite	0.8	6.5	29	81.1
Z12-4F8	**M760931**	82.27	84.00	1.73	granite - earthy hematite alteration	2.2	11.8	17	85.8
Z12-4F8	**M760932**	93.00	94.00	1.00	granite; small zone with submillimeter subparallel graphitic veinlets in the middle of the unit.	0.5	13.2	33	76.6
Z12-4F8	**M760933**	110.96	113.00	2.04	graphitic overprinted granite to granitic gneiss	0.7	8.7	10	69.4
Z12-4F8	**M760934**	113.00	115.00	2.00	graphitic overprinted granite to granitic gneiss	0.5	6.2	35	77.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Z12-4F8	**M760935**	115.00	117.00	2.00	graphitic overprinted granite to granitic gneiss	0.4	4.3	37	81.4
Z12-4F8	**M760936**	117.00	120.00	3.00	graphitic overprinted granite to granitic gneiss	0.4	4.3	37	82.3
Z12-4F8	**M760937**	120.00	122.00	2.00	graphitic overprinted granite to granitic gneiss	0.3	4.5	43	88.9
Z12-4F8	**M760938**	122.00	124.00	2.00	graphitic overprinted granite to granitic gneiss	0.2	4.6	41	84.7
Z12-4F8	**M760939**	124.00	127.00	3.00	graphitic overprinted granite to granitic gneiss; 126.15 to 126.60 higher concentration of graphitic veinlets	0.9	10.8	45	95.2
Z12-4F8	**M760940**	127.00	130.00	3.00	graphitic overprinted granite to granitic gneiss	1	24.8	31	136
Z12-4F8	**M760941**	130.00	133.00	3.00	graphitic overprinted granite to granitic gneiss	1.1	19.7	61	157
Z12-4F8	**M760942**	133.00	136.00	3.00	graphitic overprinted granite to granitic gneiss	0.6	7.8	39	97.3
Z12-4F8	**M760943**	136.00	139.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	0.3	4	18	83.1
Z12-4F8	**M760944**	139.00	142.00	3.00	graphitic overprinted granite to granitic gneiss; 138.50 to 140.00 higher concentration of graphitic veinlets	0.9	5.4	22	87.2
Z12-4F8	**M760945**	142.00	145.00	3.00	graphitic overprinted granite to granitic gneiss	0.7	4.1	44	87.2
Z12-4F8	**M760946**	145.00	148.00	3.00	graphitic overprinted granite to granitic gneiss	0.2	3.9	31	75.8
Z12-4F8	**M760947**	148.00	151.00	3.00	graphitic overprinted granite to granitic gneiss	0.5	4.7	26	79.7
Z12-4F8	**M760948**	151.00	154.00	3.00	graphitic overprinted granite to granitic gneiss	0.5	5.8	12	81.3
Z12-4F8	**M760949**	154.00	157.00	3.00	graphitic overprinted granite to granitic gneiss	0.4	4.6	44	83
Z12-4F8	**M760950**	**157.00**	**QC**		**J600092 Pulp (3.33%C)**	0.4	10.6	23	69.7
Z12-4F8	**M760951**	157.00	160.00	3.00	graphitic overprinted granite to granitic gneiss	0.7	7.5	175	75.1
Z12-4F8	**M760952**	160.00	163.00	3.00	graphitic overprinted granite to granitic gneiss	1.6	6.8	109	83.4
Z12-4F8	**M760953**	163.00	166.00	3.00	graphitic overprinted granite to granitic gneiss	0.8	6.9	24	63.7
Z12-4F8	**M760954**	166.00	169.00	3.00	graphitic overprinted granite to granitic gneiss	0.7	8.6	20	69.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
Z12-4F8	**M760955**	169.00	172.00	3.00	graphitic overprinted granite to granitic gneiss; graphitic mineralized dark grey chlorite biotite schist from 169.78 to 171.32 that is variably conductive; several 3 to 20mm long strongly conductive zones containing graphite along with other dark grey fine grained minerals	1.7	21.6	177	95.4
Z12-4F8	**M760956**	172.00	174.90	2.90	graphitic overprinted granite to granitic gneiss	1	11	16	77.9
Z12-4F8	**M760957**	174.90	177.90	3.00	chlorite biotite schist, unmineralized	1	31.8	127	93.7
Z12-4F8	**M760958**	234.12	234.87	0.75	granitic gneiss with a series of subparallel and crossing dark grey fine grained veins, identical to graphite bearing veins found upcore but are not conductive	0.5	5.3	35	77.2

ZENYATTA - ALBANY - PHASE II DRILLING

SUMMARY LOG: Z12-4F9

EASTING	682955 (UTMs- NAD 83, Zone 16)
NORTHING	5545850 (UTMs - NAD 83, Zone 16)
ELEVATION	130 metres
AZIMUTH	180°
INCLINATION	-65
STARTED	June-08-12
ENDED	June-14-12
DRILLED BY	Foraco Canada
LOGGED BY	Andrew Dalby
ASSISTED BY	K. Genrich
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Zenyatta warehouse, Thunder Bay
TOTAL DEPTH	425 metres

HOLE ID	FROM (m)	TO (m)	LITHOLOGY
Z12-4F9	0.00	33.00	OVERBURDEN
Z12-4F9	33.00	45.00	LIMESTONE
Z12-4F9	45.00	66.61	PALEOWEATHERED GRANITIC GNEISS
Z12-4F9	**66.61**	**190.00**	**GRAPHITIC OVERPRINTED GRANITIC GNEISS**
Z12-4F9	**190.00**	**326.49**	**GRAPHITIC BRECCIATED GRANITIC GNEISS**
Z12-4F9	326.49	328.57	GRANITIC GNEISS
Z12-4F9	328.57	341.19	AMPHIBOLITE (mafic dyke)
Z12-4F9	**341.19**	**375.18**	**GRAPHITIC BRECCIATED GRANITIC to SYENITIC GNEISS**
Z12-4F9	375.18	425.00	SYENITE
Z12-4F9	425.00		End of Hole

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F9	0.00	33.00	OVERBURDEN	Outwash sand, gravel, boulders
Z12-4F9	33.00	45.00	LIMESTONE	General Paleozoic cover rocks. The beginning of this unit at 33m is interpolated from other local drill holes as the casing was drilled through much of the Paleozoic cover, which is generally lose and porous often leading to drilling complications. The bottom few metres of this unit are a light grey laminated silty micrite. The lower contact is obscured by fracturing.
Z12-4F9	45.00	66.61	PALEOWEATHERED GRANITIC GNEISS	Paleoweathered granitic gneiss, core lost/washed away by casing/drilling, very loose, friable material. Basement depth of 45m interpolated.
Z12-4F9	66.61	190.00	**GRAPHITIC OVERPRINTED GRANITIC GNEISS**	Non-magnetic medium-grained salmon-pink and grey graphitic overprinted granitic gneiss; gneissosity @CAA60. This unit is weakly paleoweathered to a lighter pinkish grey granite down to 72.72. This unit is weakly fractured throughout, except from 96.37 to 97.73 (strongly fractured) and from 137.00 to 158.00 and from 176.44 to 185.47 (moderately fractured). -124.90 to 125.24 medium grained greyish green biotite chlorite schist; contacts sharp @CAA53. Reoccurs from 132.57 to 132.75, contacts sharp @CAA60 and 45.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F9	190.00	326.49	**GRAPHITIC BRECCIATED GRANITIC GNEISS**	Non-magnetic medium grained grey granitic gneiss clasts with very dark grey graphitic matrix and veining graphitic brecciated granitic gneiss. This is actually more of a stringer zone with graphite-rich vein clusters than a breccia as in Z11-4F1, but the grade based on field observations is from 3-6%C. Some of the veins have a prominent submetallic lustre, as was found in Z12-4F5. Mineralization is more or less consistent down to ~276, below which there are alternating zones of graphitic breccia, higher grade graphitic breccia, and unbrecciated/non-stringered graphitic overprinted granite; one zone in particular, from 305.45 to 306.76 is very high grade, with a very dark grey and prominent submetallic lustre throughout, possibly grading >10%C. Individual descriptions on the assays page describe in more detail the variation in mineralization. Lower contact with the downcore unmineralized granitic gneiss sharp @CAA78. -207.72 to 207.88 Intensely fractured fault zone. Occurs again further downcore from 322.60 to 323.00. -274.37 to 274.95 grey to dark greenish grey fine grained intermediate to mafic dyke (amphibolite); contacts sharp @CAA68 and 20. This reoccurs from 288.35 to 288.76, with sharp contacts @CAA54 and 57; and again from 312.95 to 313.57, contacts sharp @CAA40 and 50. -277.60 to 278.00 pinkish grey fine grained aplite dyke with ~1mm wide black hornblende porphyroblasts (10-15%) giving the rock a speckled texture; contacts sharp but folded/highly irregular. This aplite dyke reoccurs from 285.55 to 285.85, but the sharp, regular contacts @CAA47 and 63. There is another aplite dyke from 288.76 to 289.00, only without the speckled hornblende porphyroblasts; sharp contacts @CAA57 and 74. -296.53 to 299.55 fine grained grey intermediate dyke; contacts sharp @CAA40 and 46. -314.50 to 314.60 xenolith of granitic/aplitic material mixed with the host rock. There is a 3cm by 1cm massive quartz inclusion at 314.52.
Z12-4F9	326.49	328.57	GRANITIC GNEISS	Non-magnetic medium grained pinkish grey unmineralized granitic gneiss. The (granulite) grade of metamorphism appears to be greater than the upcore brecciated granitic gneiss. There is a distinct gneissosity @CAA60, which was absent or obscured in the upcore unit. The lower contact with the amphibolite is composed of distinct gneiss and amphibolite "xenoliths" with sharp, irregularly curved contacts over the bottom 18cm.
Z12-4F9	328.57	341.19	AMPHIBOLITE	Non-magnetic fine grained slightly bluish greenish-grey amphibolite. This unit contains 5% 2-12cm long xenolithic fragments of the surrounding granitic gneiss, all of which are deformed with sharp, sinusoidal contacts. The middle of this unit is intensely faulted from 332.18 to 332.32, and weakly fractured/faulted from 332.32 to 337.58. The lower contact has sharp, irregular sinusoidal contacts over 10cm.

DETAILED LOG

HOLE ID	FROM (m)	TO (m)	LITHOLOGY	DETAILED DESCRIPTION
Z12-4F9	341.19	375.18	**GRAPHITIC BRECCIATED GRANITIC to SYENITIC GNEISS**	This is a continuation of the graphitic brecciated granitic gneiss of 190.00 to 326.49; the host rock goes from a granite to a quartz syenite, then a syenite. Down to 348.17, the degree of brecciation is very consistent and uniform. Below this, the unit appears to be grading to a more weakly brecciated, more graphitic overprinted unit, with some zones with no observable mineralization (see subunits). Lower contact defined by the last appearance of graphite at 375.18. *DIFFERENT MINERALIZED ZONES BELOW 348.17m:* -348.17 to 360.00 graphitic weakly brecciated granitic gneiss -360.00 to 364.52 graphitic overprinted granitic to syenitic gneiss -364.52 to 367.50 graphitic strongly overprinted/weakly brecciated granitic to syenitic gneiss -367.50 to 368.88 graphitic brecciated granitic-syenitic gneiss -368.88 to 370.15 higher grade graphitic brecciated granitic-syenitic gneiss -370.15 to 374.22 unmineralized syenite -374.22 to 375.18 graphitic overprinted syenitic gneiss *OTHER SUBUNITS:* -360.28 to 360.45 moderately fractured fault zone; fractures @CAA~45-50 and ~10-15. -362.90 to 363.30 zone of remobilized potassium feldspar, concentrated here at >60%. -363.67 to 364.00 non-magnetic medium grained greenish grey chlorite biotite schist; contacts sharp @CAA50 and 62. -364.52 to 366.00 weakly fractured fault zone, strongly fractured from 365.00 to 365.27 and again from 366.66 to 366.92. Fracture orientations @CAA45-60, with another set almost perpendicular @CAA45-60 against the other fractures.
Z12-4F9	375.18	425.00	SYENITE	Non-magnetic medium grained salmon pinkish grey unmineralized syenite, which seems to be grading to a monzonite as the plagioclase:potassium feldspar ratio is slightly increasing going downcore. This unit is very uniform and does not exhibit the granulite facies metamorphism found in the upcore gneisses.

END OF HOLE

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm	Ce_ppm
Z12-4F9	**M760959**	66.61	69.00	2.39	graphitic overprinted granitic gneiss	0.2	0.06	6.46	0.9	720	2	0.07	0.37	0.02	38.4
Z12-4F9	**M760960**	69.00	72.00	3.00	graphitic overprinted granitic gneiss	0.32	0.08	6.4	1.1	860	2.57	0.1	0.38	<0.02	40.5
Z12-4F9	**M760961**	72.00	75.00	3.00	graphitic overprinted granitic gneiss	1.07	0.06	6.66	1.6	860	2.77	0.13	0.56	<0.02	89.7
Z12-4F9	**M760962**	75.00	78.00	3.00	graphitic overprinted granitic gneiss	0.12	0.1	7.34	1.8	870	1.8	0.05	0.62	0.02	39.4
Z12-4F9	**M760963**	78.00	81.00	3.00	graphitic overprinted granitic gneiss	0.08	0.08	7.46	1.6	700	1.68	0.03	0.52	0.02	33.4
Z12-4F9	**M760964**	81.00	84.00	3.00	graphitic overprinted granitic gneiss	0.14	0.1	7.17	1.5	720	1.66	0.07	0.5	0.02	30.5
Z12-4F9	**M760965**	84.00	87.00	3.00	graphitic overprinted granitic gneiss	0.2	0.07	6.96	1.9	770	1.64	0.71	0.55	0.02	29.7
Z12-4F9	**M760966**	87.00	90.00	3.00	graphitic overprinted granitic gneiss	0.07	0.13	7.01	1.9	530	4.67	0.13	0.57	0.02	156.5
Z12-4F9	**M760967**	90.00	93.00	3.00	graphitic overprinted granitic gneiss	0.24	0.05	6.63	2.3	710	5.32	0.23	0.42	<0.02	47.8
Z12-4F9	**M760968**	93.00	96.00	3.00	graphitic overprinted granitic gneiss	0.54	0.08	7.09	25.3	1020	6.4	0.94	0.28	<0.02	259
Z12-4F9	**M760969**	96.00	99.00	3.00	graphitic overprinted granitic gneiss	0.35	0.16	6.91	9.8	1200	6.5	1.31	0.3	0.02	145.5
Z12-4F9	**M760970**	99.00	102.00	3.00	graphitic overprinted granitic gneiss	0.23	0.07	6.89	1.6	730	1.17	0.14	0.51	<0.02	52
Z12-4F9	**M760971**	102.00	105.00	3.00	graphitic overprinted granitic gneiss	0.11	0.06	6.63	0.8	820	1.08	0.08	0.69	0.04	55.4
Z12-4F9	**M760972**	105.00	108.00	3.00	graphitic overprinted granitic gneiss	0.36	0.08	7.25	2.7	640	2.15	0.09	0.75	0.06	96
Z12-4F9	**M760973**	108.00	111.00	3.00	graphitic overprinted granitic gneiss	0.18	0.16	7.73	3.1	390	3.8	0.06	0.85	0.04	194.5
Z12-4F9	**M760974**	111.00	114.00	3.00	graphitic overprinted granitic gneiss	0.41	0.06	6.89	1.2	760	1.18	0.11	0.62	0.02	31.5
Z12-4F9	**M760975**	**114.00**	**QC**		**M760125 Pulp - C blank 2990 Ba**	0.15	0.65	9.55	2.3	3000	4.76	0.01	3.96	0.05	389
Z12-4F9	**M760976**	114.00	117.00	3.00	graphitic overprinted granitic gneiss	0.73	0.06	6.77	1.4	740	1.31	0.09	0.48	0.02	46.1
Z12-4F9	**M760977**	117.00	120.00	3.00	graphitic overprinted granitic gneiss	0.13	0.08	6.69	1.3	730	1.24	0.06	0.66	0.02	50.3
Z12-4F9	**M760978**	120.00	123.00	3.00	graphitic overprinted granitic gneiss	0.14	0.08	6.77	1.8	680	1.15	0.04	0.73	0.06	53
Z12-4F9	**M760979**	123.00	126.00	3.00	graphitic overprinted granitic gneiss	0.56	0.14	7.04	4.8	710	3	0.22	0.51	0.02	95.7
Z12-4F9	**M760980**	126.00	129.00	3.00	graphitic overprinted granitic gneiss	0.21	0.1	6.83	1.5	670	1.21	0.08	0.69	0.03	34.1
Z12-4F9	**M760981**	129.00	132.00	3.00	graphitic overprinted granitic gneiss	0.26	0.11	6.76	2.3	650	1.91	0.09	0.63	0.03	62.9
Z12-4F9	**M760982**	132.00	135.00	3.00	graphitic overprinted granitic gneiss	0.91	0.1	6.62	3.4	680	1.56	0.18	0.53	0.02	34.6
Z12-4F9	**M760983**	135.00	138.00	3.00	graphitic overprinted granitic gneiss	0.65	0.15	6.71	4.3	640	2.35	0.34	0.53	0.03	44.2
Z12-4F9	**M760984**	138.00	141.00	3.00	graphitic overprinted granitic gneiss	0.81	0.12	6.52	8.7	720	3.07	0.5	0.5	0.04	155
Z12-4F9	**M760985**	141.00	144.00	3.00	graphitic overprinted granitic gneiss	1.74	0.09	6.33	2.9	630	4.41	0.16	0.48	0.04	135.5
Z12-4F9	**M760986**	144.00	147.00	3.00	graphitic overprinted granitic gneiss	0.34	0.09	6.74	2.9	580	1.93	0.1	0.74	0.03	45.6
Z12-4F9	**M760987**	147.00	150.00	3.00	graphitic overprinted granitic gneiss	0.27	0.11	6.74	4.5	610	2.83	0.11	0.76	0.05	112

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm	Ce_ppm
Z12-4F9	**M760988**	150.00	153.00	3.00	graphitic overprinted granitic gneiss	0.36	0.08	6.63	3.1	620	1.88	0.09	0.7	0.11	49.4
Z12-4F9	**M760989**	153.00	156.00	3.00	graphitic overprinted granitic gneiss	0.9	0.03	6.67	1.8	600	2.8	0.08	0.88	0.03	68.2
Z12-4F9	**M760990**	156.00	159.00	3.00	graphitic overprinted granitic gneiss	0.66	0.06	7.21	1.8	610	2.28	0.11	1.13	0.05	59.1
Z12-4F9	**M760991**	159.00	162.00	3.00	graphitic overprinted granitic gneiss	0.62	0.05	6.83	4.4	630	4.12	0.09	1.11	0.05	36.7
Z12-4F9	**M760992**	162.00	165.00	3.00	graphitic overprinted granitic gneiss	1.58	0.01	7.19	5.5	670	2.35	0.12	1.41	0.03	35
Z12-4F9	**M760993**	165.00	168.00	3.00	graphitic overprinted granitic gneiss	1.87	0.01	7.36	14.7	620	5.24	0.15	1.46	0.04	232
Z12-4F9	**M760994**	168.00	171.00	3.00	graphitic overprinted granitic gneiss	0.79	<0.01	7.22	3.6	580	3.72	0.09	1.12	0.06	89.4
Z12-4F9	**M760995**	171.00	174.00	3.00	graphitic overprinted granitic gneiss	0.81	<0.01	6.9	3.5	470	5.36	0.13	0.92	0.1	113.5
Z12-4F9	**M760996**	174.00	177.00	3.00	graphitic overprinted granitic gneiss	1.06	0.02	6.75	3	620	3.92	0.09	1.08	0.05	51.4
Z12-4F9	**M760997**	177.00	180.00	3.00	graphitic overprinted granitic gneiss	3.21	<0.01	6.85	8.9	620	19.8	0.1	1.4	0.04	36.6
Z12-4F9	**M760998**	180.00	183.00	3.00	graphitic overprinted granitic gneiss	4.12	<0.01	6.63	21.6	520	76.4	0.07	1.69	0.05	65.8
Z12-4F9	**M760999**	183.00	186.00	3.00	graphitic overprinted granitic gneiss	2.18	0.01	7.15	9.2	630	4.35	0.06	1.22	0.1	47
Z12-4F9	**M761000**	**186.00**	**QC**		**J600100 Pulp: 10% C (high)**	10.15	<0.01	6.46	0.6	640	1.96	0.11	1.1	0.03	50.3
Z12-4F9	**L012001**	186.00	188.00	2.00	graphitic overprinted granitic gneiss	3.96	0.08	6.51	6	600	2.61	0.09	0.9	0.05	36.2
Z12-4F9	**L012002**	188.00	190.00	2.00	graphitic overprinted granitic gneiss	7.95	0.1	6.14	4.5	580	2.2	0.23	1	0.02	31.2
Z12-4F9	**L012003**	190.00	192.00	2.00	graphitic brecciated granitic gneiss	7.07	0.1	6.22	2.8	570	4.94	0.3	1.19	0.03	73.3
Z12-4F9	**L012004**	192.00	194.00	2.00	graphitic brecciated granitic gneiss	2.96	0.07	6.6	2.6	580	1.49	0.2	1.23	0.04	28
Z12-4F9	**L012005**	194.00	196.00	2.00	graphitic brecciated granitic gneiss	9.96	0.1	5.85	3.5	520	1.96	0.22	1.17	0.06	27.6
Z12-4F9	**L012006**	196.00	198.00	2.00	graphitic brecciated granitic gneiss	9.45	0.15	6.45	1.9	760	2.35	0.21	1.09	0.03	41.4
Z12-4F9	**L012007**	198.00	200.00	2.00	graphitic brecciated granitic gneiss	2.86	0.1	6.69	3.9	650	5.92	0.1	1.05	0.13	63.7
Z12-4F9	**L012008**	200.00	200.32	0.32	higher grade graphitic brecciated granitic gneiss	19.3	0.11	5.75	3.6	700	9.35	0.35	0.92	0.02	48
Z12-4F9	**L012009**	200.32	201.32	1.00	graphitic brecciated granitic gneiss	3.32	0.05	6.65	2.5	660	11.25	0.09	1.14	0.03	117.5
Z12-4F9	**L012010**	201.32	202.07	0.75	higher grade graphitic brecciated granitic gneiss	12.35	0.09	6.49	3.4	840	2.73	0.26	1.79	0.03	36.6
Z12-4F9	**L012011**	202.07	202.89	0.82	graphitic brecciated granitic gneiss	5.07	0.07	6.45	3.5	1120	3.02	0.09	1.23	0.03	44.4
Z12-4F9	**L012012**	202.89	203.42	0.53	higher grade graphitic brecciated granitic gneiss	10.6	0.07	6.91	3.4	970	7.63	0.07	2.23	<0.02	55.4
Z12-4F9	**L012013**	203.42	204.37	0.95	graphitic brecciated granitic gneiss	6.16	0.11	7.36	2.8	930	9	0.13	2.23	0.02	62.9

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Z12-4F9	**L012014**	204.37	205.40	1.03	higher grade graphitic brecciated granitic gneiss	14.45	0.11	6.3	4.9	570	44.1	0.11	1.46	<0.02	>500
Z12-4F9	**L012015**	205.40	206.40	1.00	graphitic brecciated granitic gneiss	6.84	0.22	6.38	3.7	510	12.65	0.14	1.79	0.02	>500
Z12-4F9	**L012016**	206.40	208.00	1.60	graphitic brecciated granitic gneiss	7.57	0.21	6.85	3.7	450	13.25	0.16	1.04	<0.02	484
Z12-4F9	**L012017**	208.00	210.00	2.00	graphitic brecciated granitic gneiss	6.02	0.1	7.02	2.1	680	6.54	0.07	0.96	0.03	115
Z12-4F9	**L012018**	210.00	210.38	0.38	higher grade graphitic brecciated granitic gneiss	15.1	0.1	6.51	2.3	650	2	0.08	1.18	0.02	31.3
Z12-4F9	**L012019**	210.38	212.00	1.62	graphitic brecciated granitic gneiss	3.15	0.1	6.89	2.1	650	1.23	0.06	1.19	0.03	30.6
Z12-4F9	**L012020**	212.00	214.00	2.00	graphitic brecciated granitic gneiss	7.67	0.2	7.32	4.8	710	5.76	0.16	1.66	0.05	185
Z12-4F9	**L012021**	214.00	216.00	2.00	graphitic brecciated granitic gneiss	6.76	0.16	6.85	7.2	670	4.66	0.16	1.12	0.06	35.5
Z12-4F9	**L012022**	216.00	218.00	2.00	graphitic brecciated granitic gneiss	10.8	0.08	6.73	3.7	860	3.18	0.08	1.15	0.08	31.7
Z12-4F9	**L012023**	218.00	219.00	1.00	higher grade graphitic brecciated granitic gneiss	11.85	0.11	6.61	2.7	650	3.94	0.15	1.21	0.1	33.9
Z12-4F9	**L012024**	219.00	219.84	0.84	graphitic brecciated granitic gneiss	3.63	0.08	6.86	4.3	770	1.76	0.07	0.92	0.06	31
Z12-4F9	**L012025**	**219.84**	**QC**		**J600092 Pulp: 3.33% C (low)**	3.22	0.03	7.11	2.9	580	2.15	0.08	1	0.04	39.9
Z12-4F9	**L012026**	219.84	220.70	0.86	higher grade graphitic brecciated granitic gneiss	14.15	0.11	6.29	3.2	640	1.75	0.27	1.09	0.04	31.4
Z12-4F9	**L012027**	220.70	221.72	1.02	graphitic brecciated granitic gneiss	10	0.09	6.75	4.7	650	2.28	0.19	0.99	0.03	29.4
Z12-4F9	**L012028**	221.72	222.72	1.00	higher grade graphitic brecciated granitic gneiss	15.3	0.11	6.31	4.1	670	1.7	0.32	1.17	0.04	35.2
Z12-4F9	**L012029**	222.72	224.93	2.21	graphitic brecciated granitic gneiss	7.66	0.06	7.38	2.2	780	2.56	0.12	1.08	0.03	34
Z12-4F9	**L012030**	224.93	227.00	2.07	graphitic brecciated granitic gneiss	4.26	0.06	7.33	4.7	640	1.26	0.13	1.45	0.04	28
Z12-4F9	**L012031**	227.00	229.00	2.00	graphitic brecciated granitic gneiss	4.75	0.07	7.58	4.8	480	2.38	0.21	2.63	0.14	37.2
Z12-4F9	**L012032**	229.00	231.00	2.00	graphitic brecciated granitic gneiss	1.46	0.02	7.02	4.1	540	3.25	0.11	0.97	0.13	58.9
Z12-4F9	**L012033**	231.00	233.41	2.41	graphitic brecciated granitic gneiss	2.76	0.05	7.5	47.8	540	2.56	0.15	2.21	0.05	35.7
Z12-4F9	**L012034**	233.41	235.00	1.59	higher grade graphitic brecciated granitic gneiss	15.3	0.05	6.28	37.7	500	3.24	0.07	1.45	0.02	26.3
Z12-4F9	**L012035**	235.00	237.00	2.00	graphitic brecciated granitic gneiss	4.94	0.09	6.81	2.4	610	1.24	0.15	0.95	0.02	32.9
Z12-4F9	**L012036**	237.00	239.00	2.00	graphitic brecciated granitic gneiss	6.02	0.07	6.53	2.1	570	4.39	0.23	0.97	0.04	71.1
Z12-4F9	**L012037**	239.00	241.00	2.00	graphitic brecciated granitic gneiss	5.38	0.04	6.86	3.1	660	1.13	0.09	0.97	0.03	32.7

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Z12-4F9	**L012038**	241.00	243.00	2.00	graphitic brecciated granitic gneiss	6.46	0.05	6.61	3.5	620	1.36	0.15	1.01	0.02	32.3
Z12-4F9	**L012039**	243.00	244.72	1.72	graphitic brecciated granitic gneiss	3.95	0.04	6.79	3.6	650	1.8	0.13	1.05	0.03	35.3
Z12-4F9	**L012040**	244.72	246.74	2.02	higher grade graphitic brecciated granitic gneiss	8.18	0.05	6.67	13.2	630	21.6	0.22	1.08	0.03	45.2
Z12-4F9	**L012041**	246.74	248.78	2.04	graphitic brecciated granitic gneiss	1.39	0.05	6.72	2.8	710	0.99	0.1	1.05	0.04	42.9
Z12-4F9	**L012042**	248.78	251.41	2.63	higher grade graphitic brecciated granitic gneiss	6.25	0.03	6.73	3.6	950	2.12	0.1	1.04	0.07	75.3
Z12-4F9	**L012043**	251.41	253.00	1.59	graphitic brecciated granitic gneiss	4.31	0.04	6.9	3.4	850	1.38	0.09	1.16	0.06	110.5
Z12-4F9	**L012044**	253.00	255.00	2.00	graphitic brecciated granitic gneiss	2.8	0.09	6.82	7.6	780	12.25	0.09	1.42	0.13	175.5
Z12-4F9	**L012045**	255.00	256.75	1.75	graphitic brecciated granitic gneiss	2	0.03	6.69	4.5	910	3.6	0.14	1.12	0.12	85.1
Z12-4F9	**L012046**	256.75	257.04	0.29	higher grade graphitic brecciated granitic gneiss	8.59	0.02	5.75	1.2	1180	4.12	0.23	1.01	0.04	118.5
Z12-4F9	**L012047**	257.04	259.00	1.96	graphitic brecciated granitic gneiss	2.54	0.03	6.46	2.9	890	3.26	0.21	1.19	0.11	69.8
Z12-4F9	**L012048**	259.00	261.00	2.00	graphitic brecciated granitic gneiss	0.76	0.06	6.44	1.6	680	2.42	0.11	1.14	0.07	51.8
Z12-4F9	**L012049**	261.00	263.00	2.00	graphitic brecciated granitic gneiss	0.71	0.16	7.02	4.3	600	6.09	0.09	1.12	0.22	105.5
Z12-4F9	**L012050**	**263.00**	**QC**		**J600100 Pulp: 10% C (high)**	10.45	0.04	6.35	1.5	630	1.98	0.12	1.08	0.03	47.2
Z12-4F9	**L012051**	263.00	265.00	2.00	graphitic brecciated granitic gneiss	0.56	0.04	6.52	2.5	590	1.59	0.06	1.11	0.11	53.3
Z12-4F9	**L012052**	265.00	267.00	2.00	graphitic brecciated granitic gneiss	6.01	0.04	7	6.2	790	1.94	0.14	1.38	0.1	80.1
Z12-4F9	**L012053**	267.00	269.00	2.00	graphitic brecciated granitic gneiss	5.6	0.06	6.78	2.7	790	1.3	0.08	1.83	0.05	67.6
Z12-4F9	**L012054**	269.00	270.84	1.84	graphitic brecciated granitic gneiss	2.02	0.05	6.93	1.7	690	1.72	0.09	1.19	0.07	44.6
Z12-4F9	**L012055**	270.84	273.15	2.31	higher grade graphitic brecciated granitic gneiss	14.3	0.1	5.91	3.4	740	1.72	0.12	1.4	0.06	274
Z12-4F9	**L012056**	273.15	274.37	1.22	graphitic brecciated granitic gneiss	3.95	0.03	6.83	3.5	710	4.02	0.06	0.88	0.18	114.5
Z12-4F9	**L012057**	274.37	274.95	0.58	intermediate dyke	0.09	0.42	8.76	1.9	2580	2.62	0.03	3.4	0.1	177
Z12-4F9	**L012058**	274.95	277.00	2.05	graphitic brecciated granitic gneiss	0.82	0.12	6.77	3.3	640	2.22	0.06	0.95	0.22	32.5
Z12-4F9	**L012059**	277.00	278.00	1.00	graphitic overprinted granitic gneiss with speckled aplitic material	2.29	0.02	6.83	12.6	620	6.55	0.07	0.71	0.4	115.5
Z12-4F9	**L012060**	278.00	280.00	2.00	higher grade graphitic brecciated granitic gneiss	6.46	0.06	6.62	1.3	780	1.48	0.14	1.21	0.05	53.9
Z12-4F9	**L012061**	280.00	282.00	2.00	graphitic brecciated granitic gneiss	2.59	0.04	6.78	19.4	690	2.77	0.07	1.43	0.06	43.2

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Z12-4F9	**L012062**	282.00	284.00	2.00	graphitic brecciated granitic gneiss	0.51	0.06	6.81	2.3	660	3.34	0.07	1.13	0.1	60.5
Z12-4F9	**L012063**	284.00	286.00	2.00	graphitic brecciated granitic gneiss	2	0.03	6.7	5.7	660	5.21	0.15	1.14	0.1	88.1
Z12-4F9	**L012064**	286.00	288.00	2.00	graphitic brecciated granitic gneiss	0.87	0.07	6.85	5.3	760	3.96	0.06	0.98	0.13	36.6
Z12-4F9	**L012065**	288.00	289.74	1.74	graphitic brecciated granitic gneiss crosscut with short mafic and aplite dykes	0.42	0.03	7.16	16.3	610	10.55	0.07	1.2	0.26	121
Z12-4F9	**L012066**	289.74	290.88	1.14	higher grade graphitic brecciated granitic gneiss	7.87	0.06	6.44	3.2	700	2.14	0.18	1.08	0.03	27.5
Z12-4F9	**L012067**	290.88	292.68	1.80	graphitic overprinted granitic gneiss	0.83	0.05	6.77	23	730	1.76	0.08	0.84	0.09	32.9
Z12-4F9	**L012068**	292.68	294.76	2.08	graphitic brecciated granitic gneiss	6.95	0.04	6.55	5.3	720	2.52	0.22	1.08	0.03	72.4
Z12-4F9	**L012069**	294.76	296.53	1.77	graphitic overprinted granitic gneiss	1.42	0.05	6.92	3.6	710	2.92	0.05	1.38	0.07	95.8
Z12-4F9	**L012070**	296.53	299.55	3.02	intermediate dyke	0.08	0.42	8.39	4.6	260	10.55	0.18	0.86	0.27	267
Z12-4F9	**L012071**	299.55	300.64	1.09	graphitic overprinted granitic gneiss	1.29	0.18	7.51	3.7	520	6.19	0.09	0.94	0.2	169.5
Z12-4F9	**L012072**	300.64	303.03	2.39	higher grade graphitic brecciated granitic gneiss	8.74	0.06	6.67	1.1	830	1.57	0.2	1.32	0.04	64.9
Z12-4F9	**L012073**	303.03	305.45	2.42	graphitic brecciated granitic gneiss	1.85	0.06	6.76	0.9	720	1.6	0.06	0.99	0.04	33.5
Z12-4F9	**L012074**	305.45	306.76	1.31	very high grade graphitic brecciated/stringered granitic gneiss	16.25	0.1	7.3	62.4	810	1.92	0.59	1.87	0.08	62.5
Z12-4F9	**L012075**	**306.76**	**QC**		**M760125 Pulp - C blank 2990 Ba**	0.15	<0.01	9.39	2.4	2950	4.1	0.01	3.97	0.04	328
Z12-4F9	**L012076**	306.76	307.92	1.16	graphitic brecciated granitic gneiss	4.43	0.4	6.54	0.9	800	2.06	0.11	0.89	0.05	69.7
Z12-4F9	**L012077**	307.92	310.00	2.08	higher grade graphitic brecciated granitic gneiss	7.11	0.09	6.1	23.3	940	1.93	0.12	1.42	0.08	180
Z12-4F9	**L012078**	310.00	312.00	2.00	graphitic brecciated granitic gneiss	7.51	0.07	6.82	1.9	820	1.4	0.1	1.19	0.04	41.7
Z12-4F9	**L012079**	312.00	314.00	2.00	graphitic brecciated granitic gneiss crosscut with a mafic dyke	5.63	0.08	7.23	1.2	1250	1.67	0.06	1.89	0.05	87.5
Z12-4F9	**L012080**	314.00	314.97	0.97	graphitic overprinted granitic gneiss	0.5	0.07	6.57	1.6	680	0.93	0.07	1.1	0.09	31.6
Z12-4F9	**L012081**	314.97	317.00	2.03	graphitic brecciated granitic gneiss	6.8	0.1	6.31	2.7	740	1.26	0.21	1.15	0.04	235
Z12-4F9	**L012082**	317.00	319.00	2.00	graphitic brecciated granitic gneiss	6.11	0.05	6.33	1.2	670	1.13	0.11	1.01	0.03	28.2
Z12-4F9	**L012083**	319.00	321.00	2.00	graphitic brecciated granitic gneiss	9.87	0.02	6.77	1.3	680	0.99	0.13	1.27	0.03	38.9

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Z12-4F9	**L012084**	321.00	323.00	2.00	graphitic brecciated granitic gneiss	11.15	0.07	6.4	5.5	780	1.54	0.15	1.16	0.02	61.6
Z12-4F9	**L012085**	323.00	325.00	2.00	graphitic brecciated granitic gneiss	11.55	0.06	6.19	2.7	650	2.38	0.12	0.9	0.02	33.5
Z12-4F9	**L012086**	325.00	326.49	1.49	graphitic brecciated granitic gneiss	7.47	0.16	6.37	1.3	680	2.91	0.12	1.07	0.03	33.8
Z12-4F9	**L012087**	326.49	328.57	2.08	granitic gneiss, no observable graphite	0.34	0.08	6.86	1.5	650	1.51	0.06	1.09	0.12	75.8
Z12-4F9	**L012088**	328.57	330.50	1.93	amphibolite	0.11	<0.01	8.19	1.8	110	4.55	0.06	1.17	0.14	279
Z12-4F9	**L012089**	330.50	333.50	3.00	amphibolite	0.19	0.04	7.94	5	240	4.72	0.09	1.33	0.19	217
Z12-4F9	**L012090**	333.50	336.50	3.00	amphibolite	0.09	0.11	8.26	2	440	4.51	0.11	1.4	0.27	216
Z12-4F9	**L012091**	336.50	339.00	2.50	amphibolite	0.08	<0.01	8.52	2	100	4.05	0.07	1.19	0.18	278
Z12-4F9	**L012092**	339.00	341.19	2.19	amphibolite	0.03	<0.01	8.29	12.8	510	3.69	0.06	1.53	0.11	225
Z12-4F9	**L012093**	341.19	343.00	1.81	graphitic brecciated granitic gneiss	6.82	0.05	6.75	5.5	570	1.39	0.07	1.73	0.06	36.4
Z12-4F9	**L012094**	343.00	345.00	2.00	graphitic brecciated granitic gneiss	4.53	0.02	6.85	1.6	810	1.37	0.06	1.07	0.17	47.1
Z12-4F9	**L012095**	345.00	347.00	2.00	graphitic brecciated granitic gneiss	7.08	0.09	6.66	2.1	670	1.43	0.16	1.11	0.2	36.4
Z12-4F9	**L012096**	347.00	348.17	1.17	graphitic brecciated granitic gneiss	7.56	0.04	6.45	1.2	800	1.29	0.13	1.28	0.05	33.5
Z12-4F9	**L012097**	348.17	350.00	1.83	graphitic weakly brecciated granitic gneiss	4.34	0.04	6.61	1.5	810	1.44	0.12	1.39	0.02	46.1
Z12-4F9	**L012098**	350.00	352.00	2.00	graphitic weakly brecciated granitic gneiss	3.61	0.02	6.83	3	660	1.46	0.1	1.27	0.07	30.4
Z12-4F9	**L012099**	352.00	354.00	2.00	graphitic weakly brecciated granitic gneiss	2.56	0.03	6.85	1.8	650	0.98	0.27	1.12	0.03	29.9
Z12-4F9	**L012100**	**354.00**	**QC**		**J600104 Pulp: 6.86% C (med)**	6.99	0.06	6.71	2.1	680	1.91	0.1	1.18	0.03	55.9
Z12-4F9	**L012101**	354.00	356.00	2.00	graphitic weakly brecciated granitic gneiss	3.52	<0.01	7	2.7	670	1.89	0.08	1.15	0.02	35.2
Z12-4F9	**L012102**	356.00	358.00	2.00	graphitic weakly brecciated granitic gneiss	0.64	0.01	6.91	1	690	1.43	0.05	1.07	0.07	29.8
Z12-4F9	**L012103**	358.00	360.00	2.00	graphitic weakly brecciated granitic gneiss	0.35	0.02	7.09	0.7	690	1.48	0.04	1.1	0.06	41.6
Z12-4F9	**L012104**	360.00	362.25	2.25	graphitic overprinted granitic to syentic gneiss	0.98	0.09	6.88	6	640	3.54	0.08	1.09	0.32	32.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	C%	Ag_ppm	Al%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca%	Cd_ppm	Ce_ppm
Z12-4F9	**L012105**	362.25	364.52	2.27	graphitic overprinted granitic to syentic gneiss crosscut with mafic dyke	1.68	0.08	6.48	162	530	8.28	0.11	1.55	0.29	56.5
Z12-4F9	**L012106**	364.52	366.00	1.48	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	5.45	0.19	6.01	58.5	360	5.69	0.09	1.83	1.56	45
Z12-4F9	**L012107**	366.00	367.50	1.50	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	2.68	0.07	6.47	2	410	4.97	0.08	1.09	0.07	31.3
Z12-4F9	**L012108**	367.50	368.88	1.38	graphitic brecciated granitic-syenitic gneiss	5.69	0.04	6.43	2.1	500	1.23	0.08	1.19	0.03	33.4
Z12-4F9	**L012109**	368.88	370.15	1.27	higher grade graphitic brecciated granitic-syenitic gneiss	12.25	0.05	5.94	18.1	540	1.44	0.11	1.42	0.02	28.3
Z12-4F9	**L012110**	370.15	372.20	2.05	unmineralized syenite	0.17	0.09	7.4	5.2	210	5.03	0.12	1.12	0.29	162.5
Z12-4F9	**L012111**	372.20	374.22	2.02	unmineralized syenite	0.22	<0.01	8.31	50.3	220	8.99	0.23	1.22	0.33	359
Z12-4F9	**L012112**	374.22	375.18	0.96	graphitic overprinted syenitic gneiss	3.45	0.03	6.94	21.7	670	6.32	0.14	1.26	0.09	59.7
Z12-4F9	**L012113**	375.18	377.18	2.00	Syenite	0.25	<0.01	8.08	12.4	100	4.86	0.18	1.18	0.2	318
Z12-4F9	**L012114**	377.18	379.18	2.00	Syenite	0.58	<0.01	7.54	4.9	80	5.41	0.13	1.7	0.26	480
Z12-4F9	**L012115**	379.18	381.48	2.30	Syenite	0.24	<0.01	7.91	3	70	4.18	0.08	0.86	0.23	401

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm	Ge_ppm	Hf_ppm	In_ppm	K%
Z12-4F9	**M760959**	66.61	69.00	2.39	graphitic overprinted granitic gneiss	1.1	8	4.17	6	1.24	20.3	0.08	2.5	0.01	5.95
Z12-4F9	**M760960**	69.00	72.00	3.00	graphitic overprinted granitic gneiss	1.2	10	3.27	6.5	1.4	18.35	0.1	2.5	0.008	5.48
Z12-4F9	**M760961**	72.00	75.00	3.00	graphitic overprinted granitic gneiss	1.9	15	3.07	5.6	1.53	16.85	0.15	2.3	0.016	5.54
Z12-4F9	**M760962**	75.00	78.00	3.00	graphitic overprinted granitic gneiss	3.2	12	3.87	6.2	1.7	19.05	0.09	2.5	0.015	4.54
Z12-4F9	**M760963**	78.00	81.00	3.00	graphitic overprinted granitic gneiss	4.1	17	4.18	7.6	2.32	21.3	0.11	2.6	0.024	5.25
Z12-4F9	**M760964**	81.00	84.00	3.00	graphitic overprinted granitic gneiss	1.8	11	2.3	3.9	1.32	20.8	0.09	2.7	0.014	4.62
Z12-4F9	**M760965**	84.00	87.00	3.00	graphitic overprinted granitic gneiss	2.2	9	2.3	7.2	1.2	20.8	0.08	2.5	0.015	4.39
Z12-4F9	**M760966**	87.00	90.00	3.00	graphitic overprinted granitic gneiss	2.6	9	3.51	7.4	1.53	24.2	0.22	5.7	0.016	3.63
Z12-4F9	**M760967**	90.00	93.00	3.00	graphitic overprinted granitic gneiss	2.8	14	3.76	6.8	1.66	21.1	0.13	2.4	0.022	4.41
Z12-4F9	**M760968**	93.00	96.00	3.00	graphitic overprinted granitic gneiss	2.9	17	2.76	5	1.85	26.2	0.32	6.2	0.029	4.08
Z12-4F9	**M760969**	96.00	99.00	3.00	graphitic overprinted granitic gneiss	2.5	23	3.05	6.4	2.01	24.2	0.24	6.2	0.041	3.75
Z12-4F9	**M760970**	99.00	102.00	3.00	graphitic overprinted granitic gneiss	3.1	11	3.64	9.2	2.02	22.9	0.13	3.1	0.024	4.3
Z12-4F9	**M760971**	102.00	105.00	3.00	graphitic overprinted granitic gneiss	1.5	12	2.37	5.2	1.19	19.15	0.11	2.3	0.014	3.44
Z12-4F9	**M760972**	105.00	108.00	3.00	graphitic overprinted granitic gneiss	1.6	20	3.41	6.3	2.27	21.9	0.19	4.7	0.047	3.56
Z12-4F9	**M760973**	108.00	111.00	3.00	graphitic overprinted granitic gneiss	1.2	7	2.84	5.2	2.72	25.3	0.31	9	0.095	3.99
Z12-4F9	**M760974**	111.00	114.00	3.00	graphitic overprinted granitic gneiss	1.8	14	2.35	7	1.01	19.75	0.07	2.5	0.01	3.81
Z12-4F9	**M760975**	**114.00**	**QC**		**M760125 Pulp - C blank 2990 Ba**	12.4	3	1.97	46.2	7.33	32.3	0.53	11	0.095	2.88
Z12-4F9	**M760976**	114.00	117.00	3.00	graphitic overprinted granitic gneiss	1.5	17	3.57	2.9	1.15	19.55	0.1	2.4	0.01	4.17
Z12-4F9	**M760977**	117.00	120.00	3.00	graphitic overprinted granitic gneiss	1.8	14	2.65	4	1.08	20.4	0.11	2.6	0.01	3.75
Z12-4F9	**M760978**	120.00	123.00	3.00	graphitic overprinted granitic gneiss	2.2	15	3.04	10.4	1.23	20.8	0.11	2.6	0.012	3.45
Z12-4F9	**M760979**	123.00	126.00	3.00	graphitic overprinted granitic gneiss	5.2	11	6.93	13.6	1.87	21.2	0.16	2.5	0.019	4.2
Z12-4F9	**M760980**	126.00	129.00	3.00	graphitic overprinted granitic gneiss	1.9	11	2.56	9	1.18	19.7	0.1	2.5	0.01	3.61
Z12-4F9	**M760981**	129.00	132.00	3.00	graphitic overprinted granitic gneiss	2.3	15	3.04	10.9	1.04	20.1	0.12	2.5	0.01	3.6
Z12-4F9	**M760982**	132.00	135.00	3.00	graphitic overprinted granitic gneiss	6.6	103	7.86	10.5	1.73	19.95	0.13	2.5	0.014	4.02
Z12-4F9	**M760983**	135.00	138.00	3.00	graphitic overprinted granitic gneiss	3.4	20	5.91	12	1.34	19.1	0.13	2.3	0.013	4.03
Z12-4F9	**M760984**	138.00	141.00	3.00	graphitic overprinted granitic gneiss	4.3	57	4.36	12.5	1.37	20.3	0.28	2.2	0.015	4.05
Z12-4F9	**M760985**	141.00	144.00	3.00	graphitic overprinted granitic gneiss	1.5	14	5.17	4	1.09	20.4	0.28	3.5	0.023	3.67
Z12-4F9	**M760986**	144.00	147.00	3.00	graphitic overprinted granitic gneiss	1.8	14	3.24	7	1.19	20.2	0.13	2.6	0.01	3.25
Z12-4F9	**M760987**	147.00	150.00	3.00	graphitic overprinted granitic gneiss	2.7	24	3.41	7.2	1.18	20.8	0.15	2.6	0.011	3.18

CORE SAMPLES & ASSAYS

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Z12-4F9	**M760988**	150.00	153.00	3.00	graphitic overprinted granitic gneiss	1.6	16	2.21	3.2	1.08	18.7	0.11	2.5	0.012	3.23
Z12-4F9	**M760989**	153.00	156.00	3.00	graphitic overprinted granitic gneiss	1.9	16	3.18	7.1	0.99	22.4	0.17	2.4	0.008	2.99
Z12-4F9	**M760990**	156.00	159.00	3.00	graphitic overprinted granitic gneiss	2.3	13	2.97	13.5	1.21	24.4	0.18	2.5	0.01	2.97
Z12-4F9	**M760991**	159.00	162.00	3.00	graphitic overprinted granitic gneiss	1.9	14	2.62	8.3	1.06	22.5	0.17	2.5	0.009	2.92
Z12-4F9	**M760992**	162.00	165.00	3.00	graphitic overprinted granitic gneiss	5.1	46	5.58	9.9	1.54	22.5	0.18	2.5	0.012	2.92
Z12-4F9	**M760993**	165.00	168.00	3.00	graphitic overprinted granitic gneiss	3.6	51	5.78	5.9	1.28	25.7	0.31	2.5	0.015	2.97
Z12-4F9	**M760994**	168.00	171.00	3.00	graphitic overprinted granitic gneiss	1.6	15	2.97	6.6	1.32	23.6	0.2	2.8	0.01	2.88
Z12-4F9	**M760995**	171.00	174.00	3.00	graphitic overprinted granitic gneiss	1.5	16	5.29	6.1	1.45	25.1	0.24	6.3	0.016	2.95
Z12-4F9	**M760996**	174.00	177.00	3.00	graphitic overprinted granitic gneiss	1.6	15	2.42	10.9	1.25	20.9	0.18	2.1	0.008	2.83
Z12-4F9	**M760997**	177.00	180.00	3.00	graphitic overprinted granitic gneiss	1.7	15	1.98	7.7	1.13	22.3	0.19	2.1	0.007	3.04
Z12-4F9	**M760998**	180.00	183.00	3.00	graphitic overprinted granitic gneiss	1.7	18	1.37	11.3	1.24	22.3	0.23	2.1	0.006	2.63
Z12-4F9	**M760999**	183.00	186.00	3.00	graphitic overprinted granitic gneiss	1.7	18	2.25	7	1.13	23.4	0.19	2.4	0.008	3.02
Z12-4F9	**M761000**	**186.00**	**QC**		**J600100 Pulp: 10% C (high)**	3.6	24	1	9.5	1.42	19.4	0.18	2.1	0.033	2.25
Z12-4F9	**L012001**	186.00	188.00	2.00	graphitic overprinted granitic gneiss	1.3	9	2.36	7.2	1.03	18.6	0.15	2.5	0.007	2.92
Z12-4F9	**L012002**	188.00	190.00	2.00	graphitic overprinted granitic gneiss	1.4	10	1.64	7.7	1.11	16.55	0.17	2.6	0.008	2.68
Z12-4F9	**L012003**	190.00	192.00	2.00	graphitic brecciated granitic gneiss	1.3	11	1.66	8.9	1	17.35	0.18	2.6	0.007	2.4
Z12-4F9	**L012004**	192.00	194.00	2.00	graphitic brecciated granitic gneiss	1.5	13	2.11	8	1.31	17.9	0.14	2.6	0.008	2.53
Z12-4F9	**L012005**	194.00	196.00	2.00	graphitic brecciated granitic gneiss	1.6	14	1.82	7.8	1.01	17.2	0.14	2.6	0.007	2.32
Z12-4F9	**L012006**	196.00	198.00	2.00	graphitic brecciated granitic gneiss	1.9	16	2.41	9.7	1.43	16.4	0.15	2.4	0.011	3.17
Z12-4F9	**L012007**	198.00	200.00	2.00	graphitic brecciated granitic gneiss	1.5	9	2.34	6.1	1.05	18.65	0.18	3.7	0.01	2.89
Z12-4F9	**L012008**	200.00	200.32	0.32	higher grade graphitic brecciated granitic gneiss	1.6	12	1.7	7.8	1.6	14.65	0.19	2.1	0.008	3.5
Z12-4F9	**L012009**	200.32	201.32	1.00	graphitic brecciated granitic gneiss	1.4	11	1.59	6.2	1.07	19	0.23	2.7	0.011	2.85
Z12-4F9	**L012010**	201.32	202.07	0.75	higher grade graphitic brecciated granitic gneiss	3.9	64	2.32	10.2	1.85	17	0.16	2	0.02	2.77
Z12-4F9	**L012011**	202.07	202.89	0.82	graphitic brecciated granitic gneiss	1.7	11	1.57	7.2	1.04	17.7	0.14	2.3	0.008	2.81
Z12-4F9	**L012012**	202.89	203.42	0.53	higher grade graphitic brecciated granitic gneiss	6.2	59	2.13	5.6	2.3	16.1	0.19	1.9	0.033	2.31
Z12-4F9	**L012013**	203.42	204.37	0.95	graphitic brecciated granitic gneiss	6.6	107	3.25	6.3	2.24	18.6	0.19	2.4	0.028	2.52

CORE SAMPLES & ASSAYS

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Z12-4F9	**L012014**	204.37	205.40	1.03	higher grade graphitic brecciated granitic gneiss	2.2	17	0.9	6.8	1.38	19.85	0.59	2.2	0.011	2.25
Z12-4F9	**L012015**	205.40	206.40	1.00	graphitic brecciated granitic gneiss	1.7	10	1.13	4.7	1.46	23.6	0.73	2.6	0.014	2.41
Z12-4F9	**L012016**	206.40	208.00	1.60	graphitic brecciated granitic gneiss	1.2	12	1.11	4.6	1.48	19.7	0.36	2.6	0.014	3.01
Z12-4F9	**L012017**	208.00	210.00	2.00	graphitic brecciated granitic gneiss	1.3	13	1.52	5.5	1.26	20.1	0.18	2.7	0.007	3.42
Z12-4F9	**L012018**	210.00	210.38	0.38	higher grade graphitic brecciated granitic gneiss	1.4	12	1.22	6.8	1.51	16.65	0.14	2.4	0.011	2.87
Z12-4F9	**L012019**	210.38	212.00	1.62	graphitic brecciated granitic gneiss	1.3	11	1.73	6.9	1.24	18.45	0.13	2.4	0.009	2.76
Z12-4F9	**L012020**	212.00	214.00	2.00	graphitic brecciated granitic gneiss	4.8	17	2.6	8.8	1.92	19.7	0.23	2.4	0.016	2.68
Z12-4F9	**L012021**	214.00	216.00	2.00	graphitic brecciated granitic gneiss	1.6	14	1.74	7.8	1.36	19.5	0.13	2.4	0.009	2.75
Z12-4F9	**L012022**	216.00	218.00	2.00	graphitic brecciated granitic gneiss	1.4	12	1.79	6.1	1.37	17.55	0.14	2.4	0.017	2.73
Z12-4F9	**L012023**	218.00	219.00	1.00	higher grade graphitic brecciated granitic gneiss	1.4	23	2.36	8.6	1.51	17.65	0.16	2.3	0.015	2.97
Z12-4F9	**L012024**	219.00	219.84	0.84	graphitic brecciated granitic gneiss	1.2	16	2.19	6.6	1.09	18.6	0.12	2.4	0.01	3.23
Z12-4F9	**L012025**	**219.84**	**QC**		**J600092 Pulp: 3.33% C (low)**	2.9	16	2.16	11.6	1.51	20.3	0.14	2.6	0.022	2.97
Z12-4F9	**L012026**	219.84	220.70	0.86	higher grade graphitic brecciated granitic gneiss	1.6	18	1.97	6.5	1.26	17.05	0.16	2.3	0.011	2.69
Z12-4F9	**L012027**	220.70	221.72	1.02	graphitic brecciated granitic gneiss	1.6	15	2.16	7.9	1.28	18.3	0.15	2.4	0.008	2.97
Z12-4F9	**L012028**	221.72	222.72	1.00	higher grade graphitic brecciated granitic gneiss	1.4	19	2.06	6.4	1.43	17.05	0.14	2.2	0.012	3.14
Z12-4F9	**L012029**	222.72	224.93	2.21	graphitic brecciated granitic gneiss	1.2	13	2.16	5.8	1.14	19.2	0.12	2.5	0.008	3.31
Z12-4F9	**L012030**	224.93	227.00	2.07	graphitic brecciated granitic gneiss	4.8	46	3.84	8.2	1.84	20.2	0.12	2.4	0.011	2.85
Z12-4F9	**L012031**	227.00	229.00	2.00	graphitic brecciated granitic gneiss	10.4	64	4.89	10.3	2.79	19.45	0.17	2.1	0.023	2.45
Z12-4F9	**L012032**	229.00	231.00	2.00	graphitic brecciated granitic gneiss	1.3	10	3.21	6.9	1.33	20.9	0.21	7.8	0.012	2.97
Z12-4F9	**L012033**	231.00	233.41	2.41	graphitic brecciated granitic gneiss	14	270	10.95	5.1	2.58	18.25	0.19	2.7	0.018	3.08
Z12-4F9	**L012034**	233.41	235.00	1.59	higher grade graphitic brecciated granitic gneiss	4.7	97	5.07	4.6	1.7	16.6	0.2	2.1	0.019	3.07
Z12-4F9	**L012035**	235.00	237.00	2.00	graphitic brecciated granitic gneiss	1.6	15	2.34	9.6	1.17	18.3	0.16	2.1	0.009	3.34
Z12-4F9	**L012036**	237.00	239.00	2.00	graphitic brecciated granitic gneiss	1.3	14	2.1	8.2	1.16	18.1	0.17	2.1	0.007	2.89
Z12-4F9	**L012037**	239.00	241.00	2.00	graphitic brecciated granitic gneiss	1.3	12	2.46	7.2	1.16	18.85	0.14	2.5	0.006	3.07

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Z12-4F9	**L012038**	241.00	243.00	2.00	graphitic brecciated granitic gneiss	1.3	14	2.42	6.3	1.2	19.2	0.14	2.3	0.008	2.82
Z12-4F9	**L012039**	243.00	244.72	1.72	graphitic brecciated granitic gneiss	1.4	14	2.47	8.6	1.16	19.8	0.17	2.3	0.008	2.75
Z12-4F9	**L012040**	244.72	246.74	2.02	higher grade graphitic brecciated granitic gneiss	3.3	68	5.1	6	1.56	19.05	0.17	2.1	0.016	2.83
Z12-4F9	**L012041**	246.74	248.78	2.04	graphitic brecciated granitic gneiss	1.3	10	2.05	7.4	1.18	18.45	0.15	2.5	0.009	2.52
Z12-4F9	**L012042**	248.78	251.41	2.63	higher grade graphitic brecciated granitic gneiss	1.4	13	1.42	6.8	1.31	18.95	0.16	2.1	0.01	2.52
Z12-4F9	**L012043**	251.41	253.00	1.59	graphitic brecciated granitic gneiss	1.4	10	1.38	6.5	1.31	19.25	0.2	2.2	0.012	2.52
Z12-4F9	**L012044**	253.00	255.00	2.00	graphitic brecciated granitic gneiss	1.5	10	1.33	7.6	1.41	21.1	0.27	2.5	0.013	2.4
Z12-4F9	**L012045**	255.00	256.75	1.75	graphitic brecciated granitic gneiss	1.6	8	1.44	9.5	1.2	20.5	0.17	2.3	<0.005	2.64
Z12-4F9	**L012046**	256.75	257.04	0.29	higher grade graphitic brecciated granitic gneiss	1.2	10	0.75	4.7	1.25	16.55	0.2	1.2	<0.005	2.73
Z12-4F9	**L012047**	257.04	259.00	1.96	graphitic brecciated granitic gneiss	2	9	1.3	7.3	1.34	20.5	0.15	2.4	<0.005	2.29
Z12-4F9	**L012048**	259.00	261.00	2.00	graphitic brecciated granitic gneiss	2	8	2.39	8.8	1.2	21.1	0.13	2.6	<0.005	2.35
Z12-4F9	**L012049**	261.00	263.00	2.00	graphitic brecciated granitic gneiss	1.9	7	2.87	15.1	1.54	23.3	0.17	5.2	0.01	2.67
Z12-4F9	**L012050**	**263.00**	**QC**		**J600100 Pulp: 10% C (high)**	3.9	23	1	9.3	1.48	19.2	0.13	2.4	0.028	2.24
Z12-4F9	**L012051**	263.00	265.00	2.00	graphitic brecciated granitic gneiss	1.7	8	2.2	7.3	1.11	21	0.13	2.4	<0.005	2.44
Z12-4F9	**L012052**	265.00	267.00	2.00	graphitic brecciated granitic gneiss	3.9	32	3	11	1.43	21.5	0.16	2.9	0.006	2.42
Z12-4F9	**L012053**	267.00	269.00	2.00	graphitic brecciated granitic gneiss	5.8	100	2.61	10.2	1.8	18.5	0.16	2.2	0.01	2.23
Z12-4F9	**L012054**	269.00	270.84	1.84	graphitic brecciated granitic gneiss	1.5	9	1.61	6.8	1.23	19.7	0.14	2.5	0.005	2.49
Z12-4F9	**L012055**	270.84	273.15	2.31	higher grade graphitic brecciated granitic gneiss	1.4	13	1.25	5.3	1.32	17.9	0.28	1.8	0.013	2.38
Z12-4F9	**L012056**	273.15	274.37	1.22	graphitic brecciated granitic gneiss	1.2	8	2.41	4.7	1.13	20.5	0.19	3.3	0.008	3.84
Z12-4F9	**L012057**	274.37	274.95	0.58	intermediate dyke	13.9	2	4.54	8.3	7.7	20	0.35	6.2	0.078	3.09
Z12-4F9	**L012058**	274.95	277.00	2.05	graphitic brecciated granitic gneiss	1.7	9	2.1	14.6	1.07	18.75	0.14	2.2	0.009	3.38
Z12-4F9	**L012059**	277.00	278.00	1.00	graphitic overprinted granitic gneiss with speckled aplitic material	0.9	7	3.02	4.1	1.02	22.1	0.22	4.8	0.013	3.98
Z12-4F9	**L012060**	278.00	280.00	2.00	higher grade graphitic brecciated granitic gneiss	1.6	9	1.87	10.6	1.25	19.2	0.17	2.3	0.006	2.69
Z12-4F9	**L012061**	280.00	282.00	2.00	graphitic brecciated granitic gneiss	2.5	35	3.59	7.1	1.52	19.45	0.17	3.4	0.012	2.62

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe%	Ga_ppm	Ge_ppm	Hf_ppm	In_ppm	K%
Z12-4F9	**L012062**	282.00	284.00	2.00	graphitic brecciated granitic gneiss	1.4	8	2.41	6.7	1.31	20.8	0.19	2.5	0.009	2.91
Z12-4F9	**L012063**	284.00	286.00	2.00	graphitic brecciated granitic gneiss	1.5	10	2.56	15.5	1.42	21.2	0.21	5.7	0.012	2.65
Z12-4F9	**L012064**	286.00	288.00	2.00	graphitic brecciated granitic gneiss	1.2	13	2.22	7.9	1.26	19.65	0.16	2.6	0.016	2.91
Z12-4F9	**L012065**	288.00	289.74	1.74	graphitic brecciated granitic gneiss crosscut with short mafic and aplite dykes	2.1	8	3.2	11.5	2.09	20.8	0.24	4.8	0.027	3.09
Z12-4F9	**L012066**	289.74	290.88	1.14	higher grade graphitic brecciated granitic gneiss	1.5	13	1.8	11.4	1.21	18.15	0.15	2.4	0.007	2.73
Z12-4F9	**L012067**	290.88	292.68	1.80	graphitic overprinted granitic gneiss	2	9	2.84	9.3	1.21	20.5	0.14	2.6	0.006	3.02
Z12-4F9	**L012068**	292.68	294.76	2.08	graphitic brecciated granitic gneiss	2	20	3.23	9.9	1.32	19.8	0.19	2.5	0.009	2.83
Z12-4F9	**L012069**	294.76	296.53	1.77	graphitic overprinted granitic gneiss	1.6	10	3.8	9.8	1.71	21.6	0.21	2.4	0.018	3.08
Z12-4F9	**L012070**	296.53	299.55	3.02	intermediate dyke	2.1	5	8.56	26.4	3.91	27.7	0.37	11	0.086	4.48
Z12-4F9	**L012071**	299.55	300.64	1.09	graphitic overprinted granitic gneiss	1.1	7	5.92	9	2.19	25.1	0.28	8.5	0.046	3.88
Z12-4F9	**L012072**	300.64	303.03	2.39	higher grade graphitic brecciated granitic gneiss	2.4	15	1.84	8.6	1.7	19.55	0.2	2.2	0.013	2.63
Z12-4F9	**L012073**	303.03	305.45	2.42	graphitic brecciated granitic gneiss	1.8	10	1.88	7.1	1.25	19.75	0.16	2.4	0.009	2.74
Z12-4F9	**L012074**	305.45	306.76	1.31	very high grade graphitic brecciated/stringered granitic gneiss	22.9	425	21.2	21.3	4.94	27.6	0.19	2.2	0.055	3.01
Z12-4F9	**L012075**	**306.76**	**QC**		**M760125 Pulp - C blank 2990 Ba**	10.7	2	1.69	40.3	6.68	27.1	0.4	10.1	0.077	2.9
Z12-4F9	**L012076**	306.76	307.92	1.16	graphitic brecciated granitic gneiss	2.6	16	2.07	8.8	1.28	18.35	0.14	2.4	0.009	2.48
Z12-4F9	**L012077**	307.92	310.00	2.08	higher grade graphitic brecciated granitic gneiss	8.2	139	5.08	8	2.15	19.55	0.29	1.9	0.023	2.56
Z12-4F9	**L012078**	310.00	312.00	2.00	graphitic brecciated granitic gneiss	2.3	24	1.89	6.7	1.37	19.95	0.17	2.3	0.009	2.48
Z12-4F9	**L012079**	312.00	314.00	2.00	graphitic brecciated granitic gneiss crosscut with a mafic dyke	5.9	13	2.23	6.8	3.47	20	0.26	3.3	0.029	2.53
Z12-4F9	**L012080**	314.00	314.97	0.97	graphitic overprinted granitic gneiss	1.5	7	1.7	10.5	1.16	18.85	0.09	2.5	0.007	2.52
Z12-4F9	**L012081**	314.97	317.00	2.03	graphitic brecciated granitic gneiss	3.8	16	2.23	24.1	2.15	19.8	0.31	2.3	0.02	2.45
Z12-4F9	**L012082**	317.00	319.00	2.00	graphitic brecciated granitic gneiss	1.7	10	2.43	7.1	1.15	18	0.11	2.7	0.005	2.78
Z12-4F9	**L012083**	319.00	321.00	2.00	graphitic brecciated granitic gneiss	2.9	24	2.96	8.9	1.54	19.55	0.25	2.6	0.008	2.72

CORE SAMPLES & ASSAYS

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Z12-4F9	**L012084**	321.00	323.00	2.00	graphitic brecciated granitic gneiss	4.5	87	3.44	9.9	1.8	18.7	0.16	2.4	0.013	2.94
Z12-4F9	**L012085**	323.00	325.00	2.00	graphitic brecciated granitic gneiss	2	19	2.21	7	1.36	16.15	0.18	2.1	0.01	2.93
Z12-4F9	**L012086**	325.00	326.49	1.49	graphitic brecciated granitic gneiss	1.6	11	2.18	8.4	1.15	17.95	0.16	2.5	0.006	2.79
Z12-4F9	**L012087**	326.49	328.57	2.08	granitic gneiss, no observable graphite	1.3	8	2.45	7.5	1.53	19.75	0.13	3.7	0.016	3.03
Z12-4F9	**L012088**	328.57	330.50	1.93	amphibolite	1	3	4.52	5.5	4.25	30.2	0.57	12.9	0.101	4.19
Z12-4F9	**L012089**	330.50	333.50	3.00	amphibolite	1	1	4.47	11.9	4.45	26.8	0.24	10.9	0.1	4.39
Z12-4F9	**L012090**	333.50	336.50	3.00	amphibolite	1.1	2	5.72	10.5	4.69	25.8	0.27	11.1	0.104	4.53
Z12-4F9	**L012091**	336.50	339.00	2.50	amphibolite	1.1	3	3.78	6.7	4.43	29.2	0.56	11.7	0.087	4.57
Z12-4F9	**L012092**	339.00	341.19	2.19	amphibolite	1.6	2	4.7	5.4	4.99	28.8	0.61	11.3	0.119	4.43
Z12-4F9	**L012093**	341.19	343.00	1.81	graphitic brecciated granitic gneiss	5.2	112	2.46	9	1.96	19.05	<0.05	2.9	0.025	2.27
Z12-4F9	**L012094**	343.00	345.00	2.00	graphitic brecciated granitic gneiss	1.8	8	2.33	8	1.15	21.1	0.28	2.7	0.009	2.86
Z12-4F9	**L012095**	345.00	347.00	2.00	graphitic brecciated granitic gneiss	2.4	17	2.15	7.8	1.39	18.8	0.09	3	0.01	2.56
Z12-4F9	**L012096**	347.00	348.17	1.17	graphitic brecciated granitic gneiss	2.6	11	1.82	7	1.14	18.4	0.11	2.5	0.009	2.5
Z12-4F9	**L012097**	348.17	350.00	1.83	graphitic weakly brecciated granitic gneiss	2	10	2.17	9.5	1.42	19.75	0.12	2.3	0.007	2.68
Z12-4F9	**L012098**	350.00	352.00	2.00	graphitic weakly brecciated granitic gneiss	1.8	8	3.86	7.1	1.35	20.2	0.11	2.5	0.012	2.56
Z12-4F9	**L012099**	352.00	354.00	2.00	graphitic weakly brecciated granitic gneiss	1.4	8	2.21	7.2	1.27	19.4	0.1	2.8	0.006	2.71
Z12-4F9	**L012100**	**354.00**	**QC**		**J600104 Pulp: 6.86% C (med)**	3.5	24	1.75	9.8	1.66	18.4	0.08	2.9	0.024	2.71
Z12-4F9	**L012101**	354.00	356.00	2.00	graphitic weakly brecciated granitic gneiss	1.9	9	2.25	9.4	1.23	22.2	0.27	2.6	0.006	2.88
Z12-4F9	**L012102**	356.00	358.00	2.00	graphitic weakly brecciated granitic gneiss	1.6	11	2.21	7	1.26	21.6	0.25	2.6	0.009	2.83
Z12-4F9	**L012103**	358.00	360.00	2.00	graphitic weakly brecciated granitic gneiss	1.7	8	2.23	6.1	1.3	21.2	0.23	2.8	0.008	2.88
Z12-4F9	**L012104**	360.00	362.25	2.25	graphitic overprinted granitic to syentic gneiss	1.3	7	2.48	12	1.26	21.3	0.16	2.7	0.013	2.99

CORE SAMPLES & ASSAYS

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Z12-4F9	**L012105**	362.25	364.52	2.27	graphitic overprinted granitic to syentic gneiss crosscut with mafic dyke	10.4	194	6.78	8.5	2.37	18.75	0.16	2.3	0.027	3.2
Z12-4F9	**L012106**	364.52	366.00	1.48	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	5.6	15	2.72	17.1	2.3	18.85	0.14	4	0.083	2.16
Z12-4F9	**L012107**	366.00	367.50	1.50	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	1.8	10	1.23	9.4	1.11	15.35	0.12	3	0.009	1.91
Z12-4F9	**L012108**	367.50	368.88	1.38	graphitic brecciated granitic-syenitic gneiss	1.9	12	1.47	15.5	1.11	16.95	0.14	2.3	0.014	2.02
Z12-4F9	**L012109**	368.88	370.15	1.27	higher grade graphitic brecciated granitic-syenitic gneiss	2.9	90	2.65	16.8	1.71	14.75	0.07	1.8	0.023	2.5
Z12-4F9	**L012110**	370.15	372.20	2.05	unmineralized syenite	1.3	3	7.04	8.6	3.64	25	0.26	10	0.069	4.52
Z12-4F9	**L012111**	372.20	374.22	2.02	unmineralized syenite	2.1	16	8.62	7.3	3.92	30.2	0.6	11.6	0.084	4.22
Z12-4F9	**L012112**	374.22	375.18	0.96	graphitic overprinted syenitic gneiss	2.6	17	2.69	17	1.9	20.1	0.1	3	0.034	2.51
Z12-4F9	**L012113**	375.18	377.18	2.00	Syenite	1.1	4	2.96	8.2	4	30.9	0.62	12.9	0.097	4.1
Z12-4F9	**L012114**	377.18	379.18	2.00	Syenite	0.8	3	2.93	7.1	3.23	32.5	0.84	11.4	0.084	3.98
Z12-4F9	**L012115**	379.18	381.48	2.30	Syenite	0.5	4	5.2	3.4	3.82	32.2	0.66	10.2	0.09	4.1

CORE SAMPLES & ASSAYS

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Z12-4F9	**M760959**	66.61	69.00	2.39	graphitic overprinted granitic gneiss	18.2	37.4	0.28	122	0.3	0.18	8.4	3.1	130	9
Z12-4F9	**M760960**	69.00	72.00	3.00	graphitic overprinted granitic gneiss	17.8	39	0.23	139	0.35	0.22	9.1	4.1	140	9.4
Z12-4F9	**M760961**	72.00	75.00	3.00	graphitic overprinted granitic gneiss	36.3	41.7	0.35	135	1.3	1.04	11.8	4.3	160	7.5
Z12-4F9	**M760962**	75.00	78.00	3.00	graphitic overprinted granitic gneiss	19.2	60.9	0.38	206	0.38	2.02	11.3	5.7	240	12.6
Z12-4F9	**M760963**	78.00	81.00	3.00	graphitic overprinted granitic gneiss	16.5	72.5	0.59	313	0.31	1.72	10.4	9.6	230	12.9
Z12-4F9	**M760964**	81.00	84.00	3.00	graphitic overprinted granitic gneiss	15.8	52.6	0.26	127	0.38	1.98	10	3.4	130	12.7
Z12-4F9	**M760965**	84.00	87.00	3.00	graphitic overprinted granitic gneiss	15.7	45	0.24	157	0.38	2.03	14.6	2.8	120	11
Z12-4F9	**M760966**	87.00	90.00	3.00	graphitic overprinted granitic gneiss	92.5	63.3	0.25	201	0.45	2.73	62.7	3.4	140	14.8
Z12-4F9	**M760967**	90.00	93.00	3.00	graphitic overprinted granitic gneiss	23.6	47.1	0.3	236	0.5	2.16	20.6	3.9	160	11.7
Z12-4F9	**M760968**	93.00	96.00	3.00	graphitic overprinted granitic gneiss	138.5	53.8	0.38	119	0.48	2.82	200	20.6	170	10
Z12-4F9	**M760969**	96.00	99.00	3.00	graphitic overprinted granitic gneiss	69.4	98.8	0.5	159	0.67	2.74	165	10.3	140	14.3
Z12-4F9	**M760970**	99.00	102.00	3.00	graphitic overprinted granitic gneiss	27.7	59.1	0.33	279	0.44	2.07	15.8	3.3	130	12.3
Z12-4F9	**M760971**	102.00	105.00	3.00	graphitic overprinted granitic gneiss	28.7	39.3	0.17	158	0.49	2.33	9.4	1.5	150	13
Z12-4F9	**M760972**	105.00	108.00	3.00	graphitic overprinted granitic gneiss	48.4	48.1	0.27	247	1.14	2.92	57.1	3.3	150	15.7
Z12-4F9	**M760973**	108.00	111.00	3.00	graphitic overprinted granitic gneiss	93.5	38	0.26	221	2.34	3.46	146	2.7	160	11.8
Z12-4F9	**M760974**	111.00	114.00	3.00	graphitic overprinted granitic gneiss	17.3	34.4	0.15	98	0.55	2.28	10.7	2.3	170	12.2
Z12-4F9	**M760975**	**114.00**	**QC**		**M760125 Pulp - C blank 2990 Ba**	196	22.6	0.89	1450	10.25	4.54	239	0.8	3080	16.8
Z12-4F9	**M760976**	114.00	117.00	3.00	graphitic overprinted granitic gneiss	25.9	42.2	0.22	131	0.42	1.99	9.6	3.6	130	12.1
Z12-4F9	**M760977**	117.00	120.00	3.00	graphitic overprinted granitic gneiss	26.7	46.8	0.19	130	0.35	2.19	8.6	2.7	150	14.1
Z12-4F9	**M760978**	120.00	123.00	3.00	graphitic overprinted granitic gneiss	25.8	44.6	0.18	165	1.19	2.39	7.7	3.7	160	16
Z12-4F9	**M760979**	123.00	126.00	3.00	graphitic overprinted granitic gneiss	54.3	68.2	0.68	139	0.75	1.83	10.1	16	480	12.4
Z12-4F9	**M760980**	126.00	129.00	3.00	graphitic overprinted granitic gneiss	17.8	41.9	0.18	192	0.4	2.39	8.3	3.6	170	15.3
Z12-4F9	**M760981**	129.00	132.00	3.00	graphitic overprinted granitic gneiss	34.4	46.1	0.18	136	0.51	2.43	8.7	4.7	180	14.5
Z12-4F9	**M760982**	132.00	135.00	3.00	graphitic overprinted granitic gneiss	17.2	63	0.73	255	0.41	2.05	11	34	270	13.9
Z12-4F9	**M760983**	135.00	138.00	3.00	graphitic overprinted granitic gneiss	21.5	53.3	0.43	132	1.53	2.01	10.9	9.4	150	13.6
Z12-4F9	**M760984**	138.00	141.00	3.00	graphitic overprinted granitic gneiss	72.5	47.4	0.41	198	1.5	2.22	20	15.3	240	12.7
Z12-4F9	**M760985**	141.00	144.00	3.00	graphitic overprinted granitic gneiss	60.3	56.8	0.33	140	1.18	2.23	23.4	3.3	180	11.9
Z12-4F9	**M760986**	144.00	147.00	3.00	graphitic overprinted granitic gneiss	21.9	55.9	0.21	166	1.14	2.6	10.1	3	170	16.8
Z12-4F9	**M760987**	147.00	150.00	3.00	graphitic overprinted granitic gneiss	59.6	54.6	0.29	170	0.47	2.56	10.9	10.3	190	19.4

CORE SAMPLES & ASSAYS

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Z12-4F9	**M760988**	150.00	153.00	3.00	graphitic overprinted granitic gneiss	26.3	42.3	0.19	145	0.76	2.52	9	4.4	140	21
Z12-4F9	**M760989**	153.00	156.00	3.00	graphitic overprinted granitic gneiss	37.4	52	0.21	136	0.38	2.64	9.7	4.6	160	16.6
Z12-4F9	**M760990**	156.00	159.00	3.00	graphitic overprinted granitic gneiss	32.9	48.3	0.2	174	0.49	2.91	8.4	3.8	200	20.6
Z12-4F9	**M760991**	159.00	162.00	3.00	graphitic overprinted granitic gneiss	19.8	42.4	0.15	242	0.75	2.87	8.6	2.5	150	20.4
Z12-4F9	**M760992**	162.00	165.00	3.00	graphitic overprinted granitic gneiss	18.8	65	0.49	309	0.49	2.85	10.6	19	210	13.7
Z12-4F9	**M760993**	165.00	168.00	3.00	graphitic overprinted granitic gneiss	142.5	65.9	0.45	453	0.61	3.23	10.9	22.8	170	18.2
Z12-4F9	**M760994**	168.00	171.00	3.00	graphitic overprinted granitic gneiss	56.1	41.8	0.14	292	0.56	3.17	17.1	2.3	160	20.1
Z12-4F9	**M760995**	171.00	174.00	3.00	graphitic overprinted granitic gneiss	64.2	40.2	0.11	314	1.27	3.28	104	2	110	17.8
Z12-4F9	**M760996**	174.00	177.00	3.00	graphitic overprinted granitic gneiss	27.9	39.4	0.15	226	0.54	2.83	9.8	2.4	160	17.6
Z12-4F9	**M760997**	177.00	180.00	3.00	graphitic overprinted granitic gneiss	18.6	61.9	0.16	271	1.23	2.96	20	1.9	150	11.9
Z12-4F9	**M760998**	180.00	183.00	3.00	graphitic overprinted granitic gneiss	29.6	66.3	0.13	419	2.73	3.29	33.5	2.5	130	12.9
Z12-4F9	**M760999**	183.00	186.00	3.00	graphitic overprinted granitic gneiss	24.7	56.8	0.14	239	1.21	3.17	14.9	2.2	140	16
Z12-4F9	**M761000**	**186.00**	**QC**		**J600100 Pulp: 10% C (high)**	27.4	13.9	0.35	253	1.31	3.34	21.6	9.4	280	11
Z12-4F9	**L012001**	186.00	188.00	2.00	graphitic overprinted granitic gneiss	19.8	54.4	0.19	170	0.43	2.9	9.7	1.7	130	13.7
Z12-4F9	**L012002**	188.00	190.00	2.00	graphitic overprinted granitic gneiss	18	53.8	0.15	181	0.48	2.61	8.5	2.2	130	9.4
Z12-4F9	**L012003**	190.00	192.00	2.00	graphitic brecciated granitic gneiss	35.1	55.1	0.13	198	1.24	2.8	7.8	1.3	140	11
Z12-4F9	**L012004**	192.00	194.00	2.00	graphitic brecciated granitic gneiss	16.4	34.6	0.15	220	9	2.99	7.5	1.5	160	13.6
Z12-4F9	**L012005**	194.00	196.00	2.00	graphitic brecciated granitic gneiss	14.9	50	0.13	215	0.49	2.76	9.1	1.3	120	13.9
Z12-4F9	**L012006**	196.00	198.00	2.00	graphitic brecciated granitic gneiss	22.2	59.2	0.33	265	0.41	2.36	9.3	4.8	150	10.8
Z12-4F9	**L012007**	198.00	200.00	2.00	graphitic brecciated granitic gneiss	34.4	47.9	0.19	213	0.56	2.92	27.9	1.5	140	16.9
Z12-4F9	**L012008**	200.00	200.32	0.32	higher grade graphitic brecciated granitic gneiss	21.8	64.8	0.21	259	0.48	1.84	9.4	3.8	110	11.5
Z12-4F9	**L012009**	200.32	201.32	1.00	graphitic brecciated granitic gneiss	58.9	67.8	0.21	205	0.4	2.84	9.5	1.8	150	13.5
Z12-4F9	**L012010**	201.32	202.07	0.75	higher grade graphitic brecciated granitic gneiss	19.1	61.6	0.5	387	0.54	2.63	11.6	15.2	270	10.4
Z12-4F9	**L012011**	202.07	202.89	0.82	graphitic brecciated granitic gneiss	23	23.3	0.15	249	3.88	2.9	13.8	2.7	120	12.4
Z12-4F9	**L012012**	202.89	203.42	0.53	higher grade graphitic brecciated granitic gneiss	28	98.5	0.92	841	0.55	2.9	10.5	28.7	430	8.9
Z12-4F9	**L012013**	203.42	204.37	0.95	graphitic brecciated granitic gneiss	31.5	165	1.08	878	0.43	3.17	12.5	34.7	390	12

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Z12-4F9	**L012014**	204.37	205.40	1.03	higher grade graphitic brecciated granitic gneiss	352	52.3	0.2	739	0.64	2.93	15.1	4.1	150	12.2
Z12-4F9	**L012015**	205.40	206.40	1.00	graphitic brecciated granitic gneiss	720	124.5	0.18	822	4.88	3.3	11.1	2.5	200	21.5
Z12-4F9	**L012016**	206.40	208.00	1.60	graphitic brecciated granitic gneiss	285	124.5	0.27	355	3.37	3.26	10.1	2.4	160	15.5
Z12-4F9	**L012017**	208.00	210.00	2.00	graphitic brecciated granitic gneiss	55.8	46	0.18	287	0.51	2.84	11.1	2.1	130	15
Z12-4F9	**L012018**	210.00	210.38	0.38	higher grade graphitic brecciated granitic gneiss	17.2	43.7	0.13	272	0.56	2.59	6.9	2.2	110	12.9
Z12-4F9	**L012019**	210.38	212.00	1.62	graphitic brecciated granitic gneiss	16.9	32.7	0.12	253	0.31	2.9	6.4	2	130	19.9
Z12-4F9	**L012020**	212.00	214.00	2.00	graphitic brecciated granitic gneiss	121.5	66.5	0.53	492	0.48	3.04	10	15.2	360	31.4
Z12-4F9	**L012021**	214.00	216.00	2.00	graphitic brecciated granitic gneiss	18.9	53.9	0.14	368	0.58	3	12.2	2	130	23
Z12-4F9	**L012022**	216.00	218.00	2.00	graphitic brecciated granitic gneiss	17	37.6	0.14	414	0.47	2.87	7.5	2.1	120	19.4
Z12-4F9	**L012023**	218.00	219.00	1.00	higher grade graphitic brecciated granitic gneiss	18.6	52.1	0.19	494	0.52	2.68	8.8	5.8	110	20.1
Z12-4F9	**L012024**	219.00	219.84	0.84	graphitic brecciated granitic gneiss	16.5	29.9	0.1	304	0.38	2.88	5.7	1.5	120	17.2
Z12-4F9	**L012025**	**219.84**	**QC**		**J600092 Pulp: 3.33% C (low)**	21	19.6	0.3	245	0.57	3.23	14.2	5.9	270	14.1
Z12-4F9	**L012026**	219.84	220.70	0.86	higher grade graphitic brecciated granitic gneiss	16.1	42.3	0.14	283	0.41	2.54	8.2	4.3	110	12.9
Z12-4F9	**L012027**	220.70	221.72	1.02	graphitic brecciated granitic gneiss	15.4	44.2	0.21	219	0.46	2.65	9.4	5.9	140	12.9
Z12-4F9	**L012028**	221.72	222.72	1.00	higher grade graphitic brecciated granitic gneiss	18.7	41.3	0.21	306	0.52	2.33	9.4	4.6	130	14.3
Z12-4F9	**L012029**	222.72	224.93	2.21	graphitic brecciated granitic gneiss	18.4	36.2	0.12	271	0.74	3.02	13.4	2.6	130	14.1
Z12-4F9	**L012030**	224.93	227.00	2.07	graphitic brecciated granitic gneiss	15	41.9	0.55	403	0.41	3.01	7.7	12.9	210	14
Z12-4F9	**L012031**	227.00	229.00	2.00	graphitic brecciated granitic gneiss	18.3	65.4	1.21	671	1.01	2.79	10.8	19.6	310	14.4
Z12-4F9	**L012032**	229.00	231.00	2.00	graphitic brecciated granitic gneiss	33.5	37.6	0.14	235	0.72	3.06	95.7	1.5	150	30.7
Z12-4F9	**L012033**	231.00	233.41	2.41	graphitic brecciated granitic gneiss	18.2	81.8	2.65	635	0.57	2.8	7	165	360	11.8
Z12-4F9	**L012034**	233.41	235.00	1.59	higher grade graphitic brecciated granitic gneiss	13.9	95.8	0.87	522	0.75	2.41	7.9	53.7	160	9
Z12-4F9	**L012035**	235.00	237.00	2.00	graphitic brecciated granitic gneiss	17.7	34.8	0.18	191	0.39	2.66	7.2	4.2	100	15.1
Z12-4F9	**L012036**	237.00	239.00	2.00	graphitic brecciated granitic gneiss	36.2	41.5	0.16	210	0.48	2.7	8.6	2.4	140	16.2
Z12-4F9	**L012037**	239.00	241.00	2.00	graphitic brecciated granitic gneiss	18	44.2	0.15	238	3	2.82	8.9	1.7	140	14.4

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Z12-4F9	**L012038**	241.00	243.00	2.00	graphitic brecciated granitic gneiss	17.5	39.8	0.16	229	0.43	2.79	9.1	3	150	13
Z12-4F9	**L012039**	243.00	244.72	1.72	graphitic brecciated granitic gneiss	19.3	42.1	0.15	216	0.45	2.88	9.2	2.4	160	14.7
Z12-4F9	**L012040**	244.72	246.74	2.02	higher grade graphitic brecciated granitic gneiss	25.6	83.7	0.51	434	0.57	2.77	14.4	28.7	190	15.4
Z12-4F9	**L012041**	246.74	248.78	2.04	graphitic brecciated granitic gneiss	22.4	26.5	0.13	232	3.38	3.15	6.8	1.2	250	16.2
Z12-4F9	**L012042**	248.78	251.41	2.63	higher grade graphitic brecciated granitic gneiss	42.8	21.7	0.16	295	1.83	3.2	14.4	3	210	18.7
Z12-4F9	**L012043**	251.41	253.00	1.59	graphitic brecciated granitic gneiss	65.3	22.6	0.13	339	3.43	3.23	13.4	1.7	240	18.8
Z12-4F9	**L012044**	253.00	255.00	2.00	graphitic brecciated granitic gneiss	86.6	33.3	0.17	760	5.66	3.88	20.4	2.1	230	29.3
Z12-4F9	**L012045**	255.00	256.75	1.75	graphitic brecciated granitic gneiss	46.6	28.8	0.14	346	1.94	3.36	17	1.4	200	26.6
Z12-4F9	**L012046**	256.75	257.04	0.29	higher grade graphitic brecciated granitic gneiss	61.1	8	0.14	352	1.73	2.86	35.6	1.7	210	15.7
Z12-4F9	**L012047**	257.04	259.00	1.96	graphitic brecciated granitic gneiss	34.8	23.7	0.16	348	2.2	3.5	13.8	1.2	250	28.3
Z12-4F9	**L012048**	259.00	261.00	2.00	graphitic brecciated granitic gneiss	27.4	45.8	0.12	311	0.56	3.32	8.3	1.2	140	30.7
Z12-4F9	**L012049**	261.00	263.00	2.00	graphitic brecciated granitic gneiss	57.5	47.3	0.11	393	2.5	3.55	67.4	1.3	170	73.7
Z12-4F9	**L012050**	**263.00**	**QC**		**J600100 Pulp: 10% C (high)**	26.1	12.7	0.35	251	1.39	3.35	21.3	9.5	280	12.2
Z12-4F9	**L012051**	263.00	265.00	2.00	graphitic brecciated granitic gneiss	28.6	37.7	0.13	302	2.13	3.24	14.5	1.8	210	23.8
Z12-4F9	**L012052**	265.00	267.00	2.00	graphitic brecciated granitic gneiss	46.6	33	0.31	337	2.06	3.29	24.4	9.2	250	19.2
Z12-4F9	**L012053**	267.00	269.00	2.00	graphitic brecciated granitic gneiss	39	39.7	0.66	420	1.43	3.28	8.6	18.6	380	15.4
Z12-4F9	**L012054**	269.00	270.84	1.84	graphitic brecciated granitic gneiss	23.8	32	0.12	274	0.9	3.42	8	1.4	160	20.9
Z12-4F9	**L012055**	270.84	273.15	2.31	higher grade graphitic brecciated granitic gneiss	153.5	26.7	0.14	412	12.8	3.02	13.8	2.3	440	15.4
Z12-4F9	**L012056**	273.15	274.37	1.22	graphitic brecciated granitic gneiss	61.5	23.3	0.11	292	1.52	3.07	52.4	1.6	210	44.7
Z12-4F9	**L012057**	274.37	274.95	0.58	intermediate dyke	83.6	122.5	1.41	1600	2.24	3.86	97.9	1.1	3880	15.9
Z12-4F9	**L012058**	274.95	277.00	2.05	graphitic brecciated granitic gneiss	16.9	41.8	0.14	215	1.24	3.01	8.7	1.5	170	31.9
Z12-4F9	**L012059**	277.00	278.00	1.00	graphitic overprinted granitic gneiss with speckled aplitic material	61.5	18.8	0.05	367	6.42	3.19	95.9	1.1	100	46.4
Z12-4F9	**L012060**	278.00	280.00	2.00	higher grade graphitic brecciated granitic gneiss	26.9	29.4	0.13	252	0.92	3.15	9.2	1.6	200	15.4
Z12-4F9	**L012061**	280.00	282.00	2.00	graphitic brecciated granitic gneiss	21	66.8	0.33	356	4.85	3.16	24.5	12.1	160	18.6

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Z12-4F9	**L012062**	282.00	284.00	2.00	graphitic brecciated granitic gneiss	27	56.2	0.23	261	1.42	3.15	14.7	1.6	140	22.6
Z12-4F9	**L012063**	284.00	286.00	2.00	graphitic brecciated granitic gneiss	45.3	36.3	0.13	271	1.26	3.36	78.2	2.2	170	16.1
Z12-4F9	**L012064**	286.00	288.00	2.00	graphitic brecciated granitic gneiss	17.5	29.7	0.2	293	4.75	3.56	10.1	2.2	180	17.8
Z12-4F9	**L012065**	288.00	289.74	1.74	graphitic brecciated granitic gneiss crosscut with short mafic and aplite dykes	59.9	57.9	0.28	513	4.35	3.58	97	2	420	28.5
Z12-4F9	**L012066**	289.74	290.88	1.14	higher grade graphitic brecciated granitic gneiss	14.3	36.3	0.13	233	0.84	3.02	8.3	2.9	130	7.3
Z12-4F9	**L012067**	290.88	292.68	1.80	graphitic overprinted granitic gneiss	17.1	25.1	0.1	249	0.68	3.23	9.9	1.8	120	16.6
Z12-4F9	**L012068**	292.68	294.76	2.08	graphitic brecciated granitic gneiss	38.8	37.1	0.2	227	5.67	2.93	22.5	5.6	200	11.6
Z12-4F9	**L012069**	294.76	296.53	1.77	graphitic overprinted granitic gneiss	50.6	40.3	0.17	368	9.5	3.25	19.1	2.3	200	14.2
Z12-4F9	**L012070**	296.53	299.55	3.02	intermediate dyke	134	13.2	0.14	660	2.15	4.38	276	1.5	200	40.6
Z12-4F9	**L012071**	299.55	300.64	1.09	graphitic overprinted granitic gneiss	87.8	18.3	0.1	602	1.3	3.72	157	1.3	140	25.8
Z12-4F9	**L012072**	300.64	303.03	2.39	higher grade graphitic brecciated granitic gneiss	34	25.4	0.22	325	1.58	3.12	15.7	3.8	370	14.8
Z12-4F9	**L012073**	303.03	305.45	2.42	graphitic brecciated granitic gneiss	17.3	31.7	0.17	227	0.48	3.23	9.7	2	150	13.3
Z12-4F9	**L012074**	305.45	306.76	1.31	very high grade graphitic brecciated/stringered granitic gneiss	32.8	238	3.95	1220	0.73	2.4	27.3	239	700	23.1
Z12-4F9	**L012075**	**306.76**	**QC**		**M760125 Pulp - C blank 2990 Ba**	173	21.9	0.89	1410	7.79	4.53	206	0.9	3020	14.9
Z12-4F9	**L012076**	306.76	307.92	1.16	graphitic brecciated granitic gneiss	38.8	38.5	0.25	238	0.6	3.11	14.5	4.8	180	16.1
Z12-4F9	**L012077**	307.92	310.00	2.08	higher grade graphitic brecciated granitic gneiss	88.9	67.4	1.07	538	1.26	2.61	14.7	62.1	360	17.2
Z12-4F9	**L012078**	310.00	312.00	2.00	graphitic brecciated granitic gneiss	21.3	31.2	0.24	233	0.86	3.1	9.5	5.3	170	13.8
Z12-4F9	**L012079**	312.00	314.00	2.00	graphitic brecciated granitic gneiss crosscut with a mafic dyke	42.8	47.1	0.5	655	1.27	3.15	34.7	2.9	1290	11.1
Z12-4F9	**L012080**	314.00	314.97	0.97	graphitic overprinted granitic gneiss	17.4	35.7	0.13	203	1.45	3.12	10.8	1.6	150	19
Z12-4F9	**L012081**	314.97	317.00	2.03	graphitic brecciated granitic gneiss	123	35.3	0.25	296	1.02	2.81	15.3	5.6	120	17.5
Z12-4F9	**L012082**	317.00	319.00	2.00	graphitic brecciated granitic gneiss	15.6	37.8	0.15	171	0.5	2.84	10	1.9	120	12.8
Z12-4F9	**L012083**	319.00	321.00	2.00	graphitic brecciated granitic gneiss	18.7	51.5	0.28	246	2.67	2.72	9.4	9.1	170	13.4

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Z12-4F9	**L012084**	321.00	323.00	2.00	graphitic brecciated granitic gneiss	32.6	61.2	0.61	287	0.81	2.42	11.5	16.9	230	18.2
Z12-4F9	**L012085**	323.00	325.00	2.00	graphitic brecciated granitic gneiss	18.4	42.8	0.27	205	4.63	2.44	9.5	5	130	17.8
Z12-4F9	**L012086**	325.00	326.49	1.49	graphitic brecciated granitic gneiss	20	49.2	0.15	196	0.61	2.82	8.3	2.3	140	14.4
Z12-4F9	**L012087**	326.49	328.57	2.08	granitic gneiss, no observable graphite	42	55.2	0.15	389	7.15	3.12	32	0.7	160	25.2
Z12-4F9	**L012088**	328.57	330.50	1.93	amphibolite	122	43.5	0.13	1260	5.96	4.06	229	1	270	19.7
Z12-4F9	**L012089**	330.50	333.50	3.00	amphibolite	113	32.7	0.18	1220	5.58	4.29	201	0.4	310	23.6
Z12-4F9	**L012090**	333.50	336.50	3.00	amphibolite	109	31.3	0.21	1240	3.57	4.29	178.5	0.2	430	34.6
Z12-4F9	**L012091**	336.50	339.00	2.50	amphibolite	124.5	40.8	0.15	1360	4.05	4.11	212	1.4	310	19.8
Z12-4F9	**L012092**	339.00	341.19	2.19	amphibolite	96.7	42	0.18	1520	4.78	3.87	186	1.1	470	15.5
Z12-4F9	**L012093**	341.19	343.00	1.81	graphitic brecciated granitic gneiss	20	40.7	0.69	467	1.81	3.05	13.9	20.7	240	14.3
Z12-4F9	**L012094**	343.00	345.00	2.00	graphitic brecciated granitic gneiss	21.9	42.9	0.16	218	0.64	3.02	12.2	2	140	35.7
Z12-4F9	**L012095**	345.00	347.00	2.00	graphitic brecciated granitic gneiss	19.6	40.3	0.25	247	0.92	2.91	11.1	4.8	160	46.9
Z12-4F9	**L012096**	347.00	348.17	1.17	graphitic brecciated granitic gneiss	16.9	28.6	0.13	219	0.72	2.92	12.9	3.7	120	12
Z12-4F9	**L012097**	348.17	350.00	1.83	graphitic weakly brecciated granitic gneiss	22.3	32.4	0.13	238	0.62	2.92	16.2	1.8	150	14.7
Z12-4F9	**L012098**	350.00	352.00	2.00	graphitic weakly brecciated granitic gneiss	16.8	47.6	0.21	232	1.12	2.97	19.1	2.5	170	15.3
Z12-4F9	**L012099**	352.00	354.00	2.00	graphitic weakly brecciated granitic gneiss	16.9	30.4	0.12	160	0.47	3.05	8.4	0.9	140	14
Z12-4F9	**L012100**	**354.00**	**QC**		**J600104 Pulp: 6.86% C (med)**	30.1	19.8	0.4	296	1.96	3.19	22.5	9.4	300	14
Z12-4F9	**L012101**	354.00	356.00	2.00	graphitic weakly brecciated granitic gneiss	16.8	40.5	0.16	202	0.7	3.06	14.5	2.2	140	13.9
Z12-4F9	**L012102**	356.00	358.00	2.00	graphitic weakly brecciated granitic gneiss	14.5	40.6	0.15	261	0.59	3.04	14.3	2	140	18.6
Z12-4F9	**L012103**	358.00	360.00	2.00	graphitic weakly brecciated granitic gneiss	20	46	0.15	299	1.45	3.22	9.7	1.8	170	18.3
Z12-4F9	**L012104**	360.00	362.25	2.25	graphitic overprinted granitic to syentic gneiss	18.8	48.5	0.2	296	1.57	3.13	13.6	1.5	140	27.9

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	La_ppm	Li_ppm	Mg%	Mn_ppm	Mo_ppm	Na%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm
Z12-4F9	**L012105**	362.25	364.52	2.27	graphitic overprinted granitic to syentic gneiss crosscut with mafic dyke	27.7	116	1.33	530	45.1	2.85	21.4	60.2	280	23.4
Z12-4F9	**L012106**	364.52	366.00	1.48	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	20.5	97.1	0.91	745	19.7	2.93	85.7	9	560	23.2
Z12-4F9	**L012107**	366.00	367.50	1.50	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	17	25.5	0.17	314	13	3.56	20.1	2	190	11.6
Z12-4F9	**L012108**	367.50	368.88	1.38	graphitic brecciated granitic-syenitic gneiss	19	21.4	0.17	183	1.01	3.48	11.5	2.1	370	7.2
Z12-4F9	**L012109**	368.88	370.15	1.27	higher grade graphitic brecciated granitic-syenitic gneiss	13.5	54.8	0.52	346	1.24	2.76	15.1	18.5	160	4.3
Z12-4F9	**L012110**	370.15	372.20	2.05	unmineralized syenite	75.3	43.3	0.2	899	3.74	4.16	176	0.5	390	31
Z12-4F9	**L012111**	372.20	374.22	2.02	unmineralized syenite	166	83.2	0.27	1000	9.52	4.21	257	4.5	350	24.9
Z12-4F9	**L012112**	374.22	375.18	0.96	graphitic overprinted syenitic gneiss	28	69.9	0.33	459	9.15	3.82	41.2	7.5	300	9.8
Z12-4F9	**L012113**	375.18	377.18	2.00	Syenite	140.5	18.7	0.12	1310	7.7	4.18	225	1.8	210	25
Z12-4F9	**L012114**	377.18	379.18	2.00	Syenite	273	16.6	0.14	1160	5.92	3.68	220	1.4	80	23.6
Z12-4F9	**L012115**	379.18	381.48	2.30	Syenite	183	17.5	0.07	1230	1.94	4.01	169.5	1.3	70	25.2

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F9	**M760959**	66.61	69.00	2.39	graphitic overprinted granitic gneiss	69	<0.002	0.02	0.07	2.1	1	1	71.4	0.84	0.05
Z12-4F9	**M760960**	69.00	72.00	3.00	graphitic overprinted granitic gneiss	72.5	<0.002	0.03	0.08	1.9	1	0.8	78	0.58	0.05
Z12-4F9	**M760961**	72.00	75.00	3.00	graphitic overprinted granitic gneiss	85.8	<0.002	0.12	0.06	2.8	1	2.4	132.5	0.69	<0.05
Z12-4F9	**M760962**	75.00	78.00	3.00	graphitic overprinted granitic gneiss	113.5	<0.002	0.16	0.06	2.8	1	1.1	239	1.2	<0.05
Z12-4F9	**M760963**	78.00	81.00	3.00	graphitic overprinted granitic gneiss	137	<0.002	0.1	0.05	3.9	1	1.5	133	1.32	<0.05
Z12-4F9	**M760964**	81.00	84.00	3.00	graphitic overprinted granitic gneiss	112	<0.002	0.16	0.07	2.2	1	0.9	171.5	0.73	<0.05
Z12-4F9	**M760965**	84.00	87.00	3.00	graphitic overprinted granitic gneiss	111	<0.002	0.14	0.06	2.2	1	1.2	154.5	0.83	<0.05
Z12-4F9	**M760966**	87.00	90.00	3.00	graphitic overprinted granitic gneiss	130.5	<0.002	0.2	0.12	2.8	1	3.6	128.5	3.99	0.08
Z12-4F9	**M760967**	90.00	93.00	3.00	graphitic overprinted granitic gneiss	139.5	<0.002	0.09	0.09	4.7	1	1.7	124	1.12	0.05
Z12-4F9	**M760968**	93.00	96.00	3.00	graphitic overprinted granitic gneiss	151	0.002	0.02	0.13	2.1	2	5.1	159	15.1	0.14
Z12-4F9	**M760969**	96.00	99.00	3.00	graphitic overprinted granitic gneiss	137.5	<0.002	0.08	0.16	2.9	2	7.8	139	11.95	0.17
Z12-4F9	**M760970**	99.00	102.00	3.00	graphitic overprinted granitic gneiss	130	<0.002	0.22	0.07	3.6	1	1.6	156.5	1	0.05
Z12-4F9	**M760971**	102.00	105.00	3.00	graphitic overprinted granitic gneiss	94.8	<0.002	0.2	0.05	2	1	1	201	1.1	<0.05
Z12-4F9	**M760972**	105.00	108.00	3.00	graphitic overprinted granitic gneiss	138.5	<0.002	0.22	0.09	3.1	1	1.7	162.5	3.07	0.06
Z12-4F9	**M760973**	108.00	111.00	3.00	graphitic overprinted granitic gneiss	169	<0.002	0.13	0.13	2.7	2	2	94.7	7.45	0.1
Z12-4F9	**M760974**	111.00	114.00	3.00	graphitic overprinted granitic gneiss	101	<0.002	0.25	0.06	2	1	0.7	209	0.76	0.05
Z12-4F9	**M760975**	**114.00**	**QC**		**M760125 Pulp - C blank 2990 Ba**	126.5	<0.002	0.09	0.23	14.8	4	4.1	1355	10.9	0.15
Z12-4F9	**M760976**	114.00	117.00	3.00	graphitic overprinted granitic gneiss	113	<0.002	0.19	0.07	2	1	0.6	187.5	0.93	<0.05
Z12-4F9	**M760977**	117.00	120.00	3.00	graphitic overprinted granitic gneiss	106	<0.002	0.21	0.06	2	1	0.8	190	0.59	<0.05
Z12-4F9	**M760978**	120.00	123.00	3.00	graphitic overprinted granitic gneiss	109	<0.002	0.17	0.06	2	1	0.9	194.5	0.54	<0.05
Z12-4F9	**M760979**	123.00	126.00	3.00	graphitic overprinted granitic gneiss	118.5	<0.002	0.22	0.09	3.5	1	1	204	1.2	<0.05
Z12-4F9	**M760980**	126.00	129.00	3.00	graphitic overprinted granitic gneiss	108.5	<0.002	0.24	0.06	1.9	1	0.8	212	0.78	0.05
Z12-4F9	**M760981**	129.00	132.00	3.00	graphitic overprinted granitic gneiss	109	<0.002	0.25	0.06	1.9	1	0.8	168	0.76	<0.05
Z12-4F9	**M760982**	132.00	135.00	3.00	graphitic overprinted granitic gneiss	145	<0.002	0.25	0.07	4.3	1	1	190	1.15	0.07
Z12-4F9	**M760983**	135.00	138.00	3.00	graphitic overprinted granitic gneiss	114.5	<0.002	0.25	0.11	2.9	1	1.1	156	1.02	0.05
Z12-4F9	**M760984**	138.00	141.00	3.00	graphitic overprinted granitic gneiss	115.5	0.002	0.19	0.11	3.4	2	1.9	160.5	1.39	<0.05
Z12-4F9	**M760985**	141.00	144.00	3.00	graphitic overprinted granitic gneiss	122	<0.002	0.19	0.1	6	2	4	164	1.2	0.05
Z12-4F9	**M760986**	144.00	147.00	3.00	graphitic overprinted granitic gneiss	107	<0.002	0.25	0.08	2.2	1	0.8	174	1.5	0.05
Z12-4F9	**M760987**	147.00	150.00	3.00	graphitic overprinted granitic gneiss	104.5	<0.002	0.24	0.08	2.7	1	0.9	157	1.33	<0.05

CORE SAMPLES & ASSAYS

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Z12-4F9	**M760988**	150.00	153.00	3.00	graphitic overprinted granitic gneiss	95.7	0.002	0.27	0.07	1.8	1	0.6	156	0.94	<0.05
Z12-4F9	**M760989**	153.00	156.00	3.00	graphitic overprinted granitic gneiss	104.5	<0.002	0.28	1.03	2.1	1	0.7	155.5	1.41	0.05
Z12-4F9	**M760990**	156.00	159.00	3.00	graphitic overprinted granitic gneiss	103.5	<0.002	0.4	0.88	2.2	1	0.7	184	0.98	0.06
Z12-4F9	**M760991**	159.00	162.00	3.00	graphitic overprinted granitic gneiss	108.5	<0.002	0.34	0.78	2.2	1	0.8	160.5	0.74	0.05
Z12-4F9	**M760992**	162.00	165.00	3.00	graphitic overprinted granitic gneiss	125	<0.002	0.32	0.74	3.7	1	1.1	198	1.57	0.05
Z12-4F9	**M760993**	165.00	168.00	3.00	graphitic overprinted granitic gneiss	129.5	<0.002	0.3	0.58	3.3	1	1.2	195	1.53	0.06
Z12-4F9	**M760994**	168.00	171.00	3.00	graphitic overprinted granitic gneiss	129	<0.002	0.35	0.53	2.4	1	1	171	2.1	0.06
Z12-4F9	**M760995**	171.00	174.00	3.00	graphitic overprinted granitic gneiss	224	<0.002	0.24	0.56	1.8	1	2.5	136	6.73	0.08
Z12-4F9	**M760996**	174.00	177.00	3.00	graphitic overprinted granitic gneiss	110.5	<0.002	0.38	0.47	2	1	0.8	170	0.87	0.05
Z12-4F9	**M760997**	177.00	180.00	3.00	graphitic overprinted granitic gneiss	124	<0.002	0.42	0.62	2.3	2	1	162	0.73	0.06
Z12-4F9	**M760998**	180.00	183.00	3.00	graphitic overprinted granitic gneiss	116.5	0.002	0.38	0.75	2.3	3	1.2	166.5	0.81	0.07
Z12-4F9	**M760999**	183.00	186.00	3.00	graphitic overprinted granitic gneiss	127	<0.002	0.35	0.52	2.2	1	1.1	180	0.67	0.05
Z12-4F9	**M761000**	**186.00**	**QC**		**J600100 Pulp: 10% C (high)**	65.1	<0.002	0.38	0.51	3.6	1	2.1	241	0.99	0.07
Z12-4F9	**L012001**	186.00	188.00	2.00	graphitic overprinted granitic gneiss	128.5	0.002	0.3	0.31	1.7	<1	1.2	161	0.74	<0.05
Z12-4F9	**L012002**	188.00	190.00	2.00	graphitic overprinted granitic gneiss	120	<0.002	0.33	0.23	1.5	<1	1	151	0.62	<0.05
Z12-4F9	**L012003**	190.00	192.00	2.00	graphitic brecciated granitic gneiss	108	<0.002	0.34	0.23	1.4	1	0.9	163.5	0.48	0.06
Z12-4F9	**L012004**	192.00	194.00	2.00	graphitic brecciated granitic gneiss	100.5	<0.002	0.38	0.12	1.5	<1	0.7	180	0.64	0.06
Z12-4F9	**L012005**	194.00	196.00	2.00	graphitic brecciated granitic gneiss	91.7	<0.002	0.35	0.17	1.4	<1	0.8	168	0.73	0.05
Z12-4F9	**L012006**	196.00	198.00	2.00	graphitic brecciated granitic gneiss	108.5	<0.002	0.29	0.16	1.9	<1	0.9	212	0.91	0.05
Z12-4F9	**L012007**	198.00	200.00	2.00	graphitic brecciated granitic gneiss	108.5	<0.002	0.36	0.13	1.5	1	0.8	163.5	1.86	<0.05
Z12-4F9	**L012008**	200.00	200.32	0.32	higher grade graphitic brecciated granitic gneiss	131	<0.002	0.46	0.31	1.3	3	0.5	126.5	0.43	0.16
Z12-4F9	**L012009**	200.32	201.32	1.00	graphitic brecciated granitic gneiss	99.2	0.002	0.37	0.14	1.7	2	0.7	167.5	0.41	<0.05
Z12-4F9	**L012010**	201.32	202.07	0.75	higher grade graphitic brecciated granitic gneiss	101	<0.002	0.36	0.23	3.5	<1	1.2	305	0.59	0.08
Z12-4F9	**L012011**	202.07	202.89	0.82	graphitic brecciated granitic gneiss	94.1	<0.002	0.33	0.15	1.4	1	0.8	415	0.62	0.05
Z12-4F9	**L012012**	202.89	203.42	0.53	higher grade graphitic brecciated granitic gneiss	99	0.003	0.22	0.14	5.8	1	1.4	488	0.49	0.06
Z12-4F9	**L012013**	203.42	204.37	0.95	graphitic brecciated granitic gneiss	123.5	<0.002	0.32	0.17	5.6	1	1.3	402	0.64	<0.05

CORE SAMPLES & ASSAYS

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Z12-4F9	**L012014**	204.37	205.40	1.03	higher grade graphitic brecciated granitic gneiss	76.4	<0.002	0.21	0.16	1.5	4	0.9	204	0.51	<0.05
Z12-4F9	**L012015**	205.40	206.40	1.00	graphitic brecciated granitic gneiss	96.7	<0.002	0.13	0.17	2	4	0.9	181	0.46	0.07
Z12-4F9	**L012016**	206.40	208.00	1.60	graphitic brecciated granitic gneiss	110	0.002	0.11	0.17	2	2	1.2	115.5	0.39	0.08
Z12-4F9	**L012017**	208.00	210.00	2.00	graphitic brecciated granitic gneiss	117.5	<0.002	0.38	0.16	1.8	2	0.5	138.5	0.61	<0.05
Z12-4F9	**L012018**	210.00	210.38	0.38	higher grade graphitic brecciated granitic gneiss	98.4	<0.002	0.47	0.18	1.4	1	0.5	143.5	0.47	0.05
Z12-4F9	**L012019**	210.38	212.00	1.62	graphitic brecciated granitic gneiss	98.2	<0.002	0.38	0.13	1.4	<1	0.5	176.5	0.58	<0.05
Z12-4F9	**L012020**	212.00	214.00	2.00	graphitic brecciated granitic gneiss	111.5	<0.002	0.34	0.16	2.9	2	1	267	0.57	0.07
Z12-4F9	**L012021**	214.00	216.00	2.00	graphitic brecciated granitic gneiss	112.5	<0.002	0.4	0.14	1.9	1	0.8	194.5	0.71	0.05
Z12-4F9	**L012022**	216.00	218.00	2.00	graphitic brecciated granitic gneiss	107.5	<0.002	0.32	0.13	1.4	1	0.6	239	0.51	0.05
Z12-4F9	**L012023**	218.00	219.00	1.00	higher grade graphitic brecciated granitic gneiss	127	<0.002	0.32	0.16	1.9	1	0.8	176.5	0.61	0.07
Z12-4F9	**L012024**	219.00	219.84	0.84	graphitic brecciated granitic gneiss	123.5	<0.002	0.3	0.12	1.2	1	0.5	190.5	0.44	<0.05
Z12-4F9	**L012025**	**219.84**	**QC**		**J600092 Pulp: 3.33% C (low)**	110.5	0.002	0.32	0.15	3.1	1	1.3	254	1.13	0.07
Z12-4F9	**L012026**	219.84	220.70	0.86	higher grade graphitic brecciated granitic gneiss	110	<0.002	0.28	0.3	1.4	1	0.6	188.5	0.47	0.06
Z12-4F9	**L012027**	220.70	221.72	1.02	graphitic brecciated granitic gneiss	108	<0.002	0.32	0.57	1.7	1	0.6	174	0.49	0.07
Z12-4F9	**L012028**	221.72	222.72	1.00	higher grade graphitic brecciated granitic gneiss	109.5	<0.002	0.35	0.51	1.6	1	0.6	169.5	0.56	0.1
Z12-4F9	**L012029**	222.72	224.93	2.21	graphitic brecciated granitic gneiss	123.5	<0.002	0.27	0.2	1.5	1	0.5	215	0.98	<0.05
Z12-4F9	**L012030**	224.93	227.00	2.07	graphitic brecciated granitic gneiss	125	<0.002	0.32	0.16	4.1	<1	0.8	205	0.51	<0.05
Z12-4F9	**L012031**	227.00	229.00	2.00	graphitic brecciated granitic gneiss	133.5	<0.002	0.3	0.13	7.4	2	1.3	273	0.85	0.07
Z12-4F9	**L012032**	229.00	231.00	2.00	graphitic brecciated granitic gneiss	164.5	<0.002	0.38	0.14	1.5	1	1.1	149.5	5.2	0.09
Z12-4F9	**L012033**	231.00	233.41	2.41	graphitic brecciated granitic gneiss	183.5	<0.002	0.21	0.14	6.1	1	1.2	193	0.63	<0.05
Z12-4F9	**L012034**	233.41	235.00	1.59	higher grade graphitic brecciated granitic gneiss	151.5	<0.002	0.08	0.13	3	1	1	149.5	0.48	<0.05
Z12-4F9	**L012035**	235.00	237.00	2.00	graphitic brecciated granitic gneiss	121	<0.002	0.33	0.12	1.4	1	0.4	178.5	0.57	0.07
Z12-4F9	**L012036**	237.00	239.00	2.00	graphitic brecciated granitic gneiss	103	<0.002	0.32	0.16	1.6	1	0.7	161	0.61	0.09
Z12-4F9	**L012037**	239.00	241.00	2.00	graphitic brecciated granitic gneiss	109	<0.002	0.34	0.13	1.6	1	0.5	176.5	0.63	<0.05

CORE SAMPLES & ASSAYS

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Z12-4F9	**L012038**	241.00	243.00	2.00	graphitic brecciated granitic gneiss	106	<0.002	0.32	0.14	1.6	<1	0.6	171.5	0.58	<0.05
Z12-4F9	**L012039**	243.00	244.72	1.72	graphitic brecciated granitic gneiss	115	<0.002	0.36	0.12	1.7	1	0.7	191	0.54	0.05
Z12-4F9	**L012040**	244.72	246.74	2.02	higher grade graphitic brecciated granitic gneiss	144	<0.002	0.24	0.17	2.7	1	1.1	186.5	2.2	<0.05
Z12-4F9	**L012041**	246.74	248.78	2.04	graphitic brecciated granitic gneiss	101	0.002	0.39	0.08	1.4	1	0.6	231	0.52	0.05
Z12-4F9	**L012042**	248.78	251.41	2.63	higher grade graphitic brecciated granitic gneiss	95	0.002	0.25	0.12	1.6	1	1.1	378	0.62	<0.05
Z12-4F9	**L012043**	251.41	253.00	1.59	graphitic brecciated granitic gneiss	104.5	<0.002	0.32	0.11	1.6	<1	1.2	426	0.54	0.05
Z12-4F9	**L012044**	253.00	255.00	2.00	graphitic brecciated granitic gneiss	114	<0.002	0.11	0.17	1.8	2	2.8	436	0.63	<0.05
Z12-4F9	**L012045**	255.00	256.75	1.75	graphitic brecciated granitic gneiss	118.5	<0.002	0.27	0.07	1.9	1	1.6	376	0.67	0.05
Z12-4F9	**L012046**	256.75	257.04	0.29	higher grade graphitic brecciated granitic gneiss	95	<0.002	0.07	0.05	1.2	1	1.7	414	0.61	<0.05
Z12-4F9	**L012047**	257.04	259.00	1.96	graphitic brecciated granitic gneiss	89.8	<0.002	0.37	0.05	1.8	1	1.3	314	0.59	0.05
Z12-4F9	**L012048**	259.00	261.00	2.00	graphitic brecciated granitic gneiss	100.5	<0.002	0.4	<0.05	1.8	1	0.8	235	0.58	0.06
Z12-4F9	**L012049**	261.00	263.00	2.00	graphitic brecciated granitic gneiss	138	<0.002	0.38	0.11	1.7	1	2.1	219	4.79	0.06
Z12-4F9	**L012050**	**263.00**	**QC**		**J600100 Pulp: 10% C (high)**	63	<0.002	0.39	0.2	3.3	1	2	239	1.03	0.06
Z12-4F9	**L012051**	263.00	265.00	2.00	graphitic brecciated granitic gneiss	106	<0.002	0.3	<0.05	1.9	1	1.2	219	0.73	<0.05
Z12-4F9	**L012052**	265.00	267.00	2.00	graphitic brecciated granitic gneiss	109.5	<0.002	0.29	0.1	2.9	1	1.5	395	1.36	<0.05
Z12-4F9	**L012053**	267.00	269.00	2.00	graphitic brecciated granitic gneiss	89.1	<0.002	0.28	0.08	5	1	1	522	0.49	<0.05
Z12-4F9	**L012054**	269.00	270.84	1.84	graphitic brecciated granitic gneiss	97.1	<0.002	0.37	0.05	1.9	1	0.7	253	0.52	0.05
Z12-4F9	**L012055**	270.84	273.15	2.31	higher grade graphitic brecciated granitic gneiss	92.3	<0.002	0.13	0.09	1.9	1	1.6	593	0.53	<0.05
Z12-4F9	**L012056**	273.15	274.37	1.22	graphitic brecciated granitic gneiss	165.5	<0.002	0.17	0.09	1.6	1	1	224	3.67	<0.05
Z12-4F9	**L012057**	274.37	274.95	0.58	intermediate dyke	107.5	<0.002	0.09	0.08	13.7	3	2.3	781	4.89	0.07
Z12-4F9	**L012058**	274.95	277.00	2.05	graphitic brecciated granitic gneiss	120	<0.002	0.28	0.07	1.8	1	0.8	193.5	0.34	<0.05
Z12-4F9	**L012059**	277.00	278.00	1.00	graphitic overprinted granitic gneiss with speckled aplitic material	212	<0.002	0.08	0.11	0.9	1	1.5	161.5	6.35	0.06
Z12-4F9	**L012060**	278.00	280.00	2.00	higher grade graphitic brecciated granitic gneiss	99.3	<0.002	0.36	0.1	1.9	1	0.9	249	0.51	<0.05
Z12-4F9	**L012061**	280.00	282.00	2.00	graphitic brecciated granitic gneiss	132.5	<0.002	0.25	0.07	2.6	1	1.8	247	2.05	0.05

CORE SAMPLES & ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	Length (m)	BRIEF DESCRIPTION	Rb_ppm	Re_ppm	S%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm
Z12-4F9	**L012062**	282.00	284.00	2.00	graphitic brecciated granitic gneiss	124	<0.002	0.28	0.09	2.1	1	1.5	204	0.79	<0.05
Z12-4F9	**L012063**	284.00	286.00	2.00	graphitic brecciated granitic gneiss	164	<0.002	0.18	0.1	1.7	1	2.2	223	5.08	0.07
Z12-4F9	**L012064**	286.00	288.00	2.00	graphitic brecciated granitic gneiss	144	<0.002	0.08	0.11	2.1	1	2.2	234	0.6	<0.05
Z12-4F9	**L012065**	288.00	289.74	1.74	graphitic brecciated granitic gneiss crosscut with short mafic and aplite dykes	170.5	<0.002	0.19	0.11	2.9	1	3.7	202	4.66	0.07
Z12-4F9	**L012066**	289.74	290.88	1.14	higher grade graphitic brecciated granitic gneiss	148	<0.002	0.21	0.09	1.9	1	1	204	0.63	<0.05
Z12-4F9	**L012067**	290.88	292.68	1.80	graphitic overprinted granitic gneiss	145	<0.002	0.33	0.07	1.9	1	0.8	173.5	0.8	0.05
Z12-4F9	**L012068**	292.68	294.76	2.08	graphitic brecciated granitic gneiss	131.5	<0.002	0.36	0.16	2.7	1	1	218	1.59	0.06
Z12-4F9	**L012069**	294.76	296.53	1.77	graphitic overprinted granitic gneiss	142	<0.002	0.24	0.08	2.5	1	1.5	255	1.4	<0.05
Z12-4F9	**L012070**	296.53	299.55	3.02	intermediate dyke	272	<0.002	0.44	0.34	3.4	2	6.6	92	16.65	0.17
Z12-4F9	**L012071**	299.55	300.64	1.09	graphitic overprinted granitic gneiss	226	<0.002	0.13	0.19	3	1	4	167	10.1	0.08
Z12-4F9	**L012072**	300.64	303.03	2.39	higher grade graphitic brecciated granitic gneiss	100.5	<0.002	0.35	0.15	3	1	1.1	312	0.7	0.05
Z12-4F9	**L012073**	303.03	305.45	2.42	graphitic brecciated granitic gneiss	94.2	<0.002	0.29	0.05	2	1	0.7	212	0.73	<0.05
Z12-4F9	**L012074**	305.45	306.76	1.31	very high grade graphitic brecciated/stringered granitic gneiss	270	<0.002	0.9	0.39	14	2	2.6	278	3.21	0.14
Z12-4F9	**L012075**	**306.76**	**QC**		**M760125 Pulp - C blank 2990 Ba**	106	0.002	0.08	0.22	11.1	3	3.5	1325	9.81	0.1
Z12-4F9	**L012076**	306.76	307.92	1.16	graphitic brecciated granitic gneiss	70.6	<0.002	0.26	0.11	2.5	1	0.9	257	1.3	<0.05
Z12-4F9	**L012077**	307.92	310.00	2.08	higher grade graphitic brecciated granitic gneiss	111.5	<0.002	0.34	0.13	5.7	1	1.2	343	1.96	0.06
Z12-4F9	**L012078**	310.00	312.00	2.00	graphitic brecciated granitic gneiss	83.8	<0.002	0.31	0.08	2.8	1	0.6	274	0.66	<0.05
Z12-4F9	**L012079**	312.00	314.00	2.00	graphitic brecciated granitic gneiss crosscut with a mafic dyke	88.3	<0.002	0.22	0.07	7.1	1	1	409	1.94	<0.05
Z12-4F9	**L012080**	314.00	314.97	0.97	graphitic overprinted granitic gneiss	86.1	<0.002	0.32	0.07	1.7	<1	0.6	204	0.56	<0.05
Z12-4F9	**L012081**	314.97	317.00	2.03	graphitic brecciated granitic gneiss	90	0.002	0.85	0.17	3.4	1	0.8	285	0.71	0.08
Z12-4F9	**L012082**	317.00	319.00	2.00	graphitic brecciated granitic gneiss	90.5	<0.002	0.29	0.12	1.6	<1	0.5	170	0.69	<0.05
Z12-4F9	**L012083**	319.00	321.00	2.00	graphitic brecciated granitic gneiss	102.5	<0.002	0.29	0.13	2.4	1	0.6	224	0.54	0.05

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Z12-4F9	**L012084**	321.00	323.00	2.00	graphitic brecciated granitic gneiss	99.4	<0.002	0.39	0.17	3.6	1	0.8	218	0.81	<0.05
Z12-4F9	**L012085**	323.00	325.00	2.00	graphitic brecciated granitic gneiss	85.4	<0.002	0.28	0.1	1.6	1	0.5	159.5	0.66	<0.05
Z12-4F9	**L012086**	325.00	326.49	1.49	graphitic brecciated granitic gneiss	92.1	0.002	0.31	0.11	1.5	<1	0.4	189.5	0.5	<0.05
Z12-4F9	**L012087**	326.49	328.57	2.08	granitic gneiss, no observable graphite	115	<0.002	0.21	0.08	2	<1	1.4	174.5	1.84	<0.05
Z12-4F9	**L012088**	328.57	330.50	1.93	amphibolite	239	0.002	0.03	0.13	5.3	3	3.6	27.4	11.3	0.18
Z12-4F9	**L012089**	330.50	333.50	3.00	amphibolite	200	<0.002	0.2	0.17	5.1	2	5	46.2	10.85	<0.05
Z12-4F9	**L012090**	333.50	336.50	3.00	amphibolite	209	0.002	0.16	0.16	7	2	6.2	79.1	9.9	<0.05
Z12-4F9	**L012091**	336.50	339.00	2.50	amphibolite	229	0.002	0.03	0.13	6	3	3.6	25.8	9.78	0.18
Z12-4F9	**L012092**	339.00	341.19	2.19	amphibolite	214	<0.002	0.02	0.16	8.6	3	4.4	38.3	8.75	0.16
Z12-4F9	**L012093**	341.19	343.00	1.81	graphitic brecciated granitic gneiss	84.6	<0.002	0.32	0.07	4.8	1	1	233	1.07	<0.05
Z12-4F9	**L012094**	343.00	345.00	2.00	graphitic brecciated granitic gneiss	108	<0.002	0.33	0.07	2.1	1	0.6	230	0.59	0.06
Z12-4F9	**L012095**	345.00	347.00	2.00	graphitic brecciated granitic gneiss	85.8	0.003	0.33	0.11	1.9	<1	0.8	201	0.79	<0.05
Z12-4F9	**L012096**	347.00	348.17	1.17	graphitic brecciated granitic gneiss	83.3	0.002	0.31	0.11	1.7	<1	0.6	253	0.68	<0.05
Z12-4F9	**L012097**	348.17	350.00	1.83	graphitic weakly brecciated granitic gneiss	90.9	<0.002	0.49	0.11	1.7	<1	0.6	218	0.68	0.06
Z12-4F9	**L012098**	350.00	352.00	2.00	graphitic weakly brecciated granitic gneiss	97.7	0.002	0.31	0.08	2.4	1	0.6	203	1.62	<0.05
Z12-4F9	**L012099**	352.00	354.00	2.00	graphitic weakly brecciated granitic gneiss	91.1	<0.002	0.36	0.07	1.5	<1	0.6	163	0.48	<0.05
Z12-4F9	**L012100**	**354.00**	**QC**		**J600104 Pulp: 6.86% C (med)**	90.8	<0.002	0.35	0.18	3.1	<1	0.8	250	1.22	<0.05
Z12-4F9	**L012101**	354.00	356.00	2.00	graphitic weakly brecciated granitic gneiss	101.5	<0.002	0.41	0.12	2.1	1	0.6	175.5	0.51	0.06
Z12-4F9	**L012102**	356.00	358.00	2.00	graphitic weakly brecciated granitic gneiss	101.5	<0.002	0.34	0.05	2	1	0.6	180	0.54	0.06
Z12-4F9	**L012103**	358.00	360.00	2.00	graphitic weakly brecciated granitic gneiss	111.5	<0.002	0.33	0.05	2.1	1	0.8	183.5	0.64	0.06
Z12-4F9	**L012104**	360.00	362.25	2.25	graphitic overprinted granitic to syentic gneiss	117	<0.002	0.27	0.11	1.9	1	1	169	0.69	<0.05

CORE SAMPLES & ASSAYS

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Z12-4F9	**L012105**	362.25	364.52	2.27	graphitic overprinted granitic to syentic gneiss crosscut with mafic dyke	186	<0.002	0.12	0.22	5.9	1	2.4	144	0.89	<0.05
Z12-4F9	**L012106**	364.52	366.00	1.48	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	112.5	<0.002	0.33	0.22	7.7	1	3.7	160.5	6.08	<0.05
Z12-4F9	**L012107**	366.00	367.50	1.50	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	70.1	0.002	0.17	0.1	1.7	1	0.9	160.5	1.46	<0.05
Z12-4F9	**L012108**	367.50	368.88	1.38	graphitic brecciated granitic-syenitic gneiss	75.4	0.002	0.19	0.1	2.4	<1	0.9	172	0.56	<0.05
Z12-4F9	**L012109**	368.88	370.15	1.27	higher grade graphitic brecciated granitic-syenitic gneiss	100.5	<0.002	0.16	0.2	2.9	<1	0.8	149.5	0.71	<0.05
Z12-4F9	**L012110**	370.15	372.20	2.05	unmineralized syenite	212	<0.002	0.06	0.23	4.9	2	6.7	36.6	10.45	<0.05
Z12-4F9	**L012111**	372.20	374.22	2.02	unmineralized syenite	270	0.002	0.04	0.22	5.4	4	6.3	56	13.6	0.22
Z12-4F9	**L012112**	374.22	375.18	0.96	graphitic overprinted syenitic gneiss	125.5	<0.002	0.13	0.18	3	1	2.5	210	1.86	<0.05
Z12-4F9	**L012113**	375.18	377.18	2.00	Syenite	195	0.002	0.06	0.17	4.2	3	2.6	38.6	10.65	0.19
Z12-4F9	**L012114**	377.18	379.18	2.00	Syenite	191	0.002	0.08	0.23	2	3	3.3	56.6	9.36	0.21
Z12-4F9	**L012115**	379.18	381.48	2.30	Syenite	227	0.002	0.02	0.18	1.7	2	3	32.5	7.75	0.16

CORE SAMPLES & ASSAYS

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Z12-4F9	**M760959**	66.61	69.00	2.39	graphitic overprinted granitic gneiss	6.1	0.06	0.65	1.4	6	0.7	7.6	18	76.3
Z12-4F9	**M760960**	69.00	72.00	3.00	graphitic overprinted granitic gneiss	5.4	0.052	0.67	1.2	6	1.2	7.7	12	73.3
Z12-4F9	**M760961**	72.00	75.00	3.00	graphitic overprinted granitic gneiss	7.5	0.072	0.44	1.4	10	0.8	9.8	25	70
Z12-4F9	**M760962**	75.00	78.00	3.00	graphitic overprinted granitic gneiss	6.4	0.092	0.64	2.6	11	0.4	7.2	27	73.2
Z12-4F9	**M760963**	78.00	81.00	3.00	graphitic overprinted granitic gneiss	6.3	0.131	0.82	2.3	15	0.4	6.9	67	82.4
Z12-4F9	**M760964**	81.00	84.00	3.00	graphitic overprinted granitic gneiss	5.9	0.063	0.55	1.4	6	0.4	5.8	16	74.4
Z12-4F9	**M760965**	84.00	87.00	3.00	graphitic overprinted granitic gneiss	5	0.066	0.53	1.4	5	1.4	7.8	17	74.7
Z12-4F9	**M760966**	87.00	90.00	3.00	graphitic overprinted granitic gneiss	14.9	0.075	0.73	3.9	8	0.9	23.4	28	223
Z12-4F9	**M760967**	90.00	93.00	3.00	graphitic overprinted granitic gneiss	19.6	0.093	0.7	1.9	7	0.6	13.1	35	69.3
Z12-4F9	**M760968**	93.00	96.00	3.00	graphitic overprinted granitic gneiss	42.4	0.042	0.47	8.3	4	0.9	43.9	25	244
Z12-4F9	**M760969**	96.00	99.00	3.00	graphitic overprinted granitic gneiss	34.6	0.042	0.5	6.7	6	1	32.4	30	243
Z12-4F9	**M760970**	99.00	102.00	3.00	graphitic overprinted granitic gneiss	6.7	0.129	0.67	1.3	9	0.3	6.7	47	91.1
Z12-4F9	**M760971**	102.00	105.00	3.00	graphitic overprinted granitic gneiss	9.7	0.069	0.43	2.7	5	0.2	8.4	21	71.2
Z12-4F9	**M760972**	105.00	108.00	3.00	graphitic overprinted granitic gneiss	13.8	0.096	0.68	3.8	6	1.2	28.9	36	193.5
Z12-4F9	**M760973**	108.00	111.00	3.00	graphitic overprinted granitic gneiss	24.4	0.134	0.53	5.7	2	1.8	48.7	28	456
Z12-4F9	**M760974**	111.00	114.00	3.00	graphitic overprinted granitic gneiss	5.3	0.072	0.47	1.5	6	0.3	5.5	12	77.2
Z12-4F9	**M760975**	**114.00**	**QC**		**M760125 Pulp - C blank 2990 Ba**	34	1.04	0.1	9.2	1	3.4	57.5	137	425
Z12-4F9	**M760976**	114.00	117.00	3.00	graphitic overprinted granitic gneiss	5.5	0.066	0.55	1.7	6	0.5	7	12	71.8
Z12-4F9	**M760977**	117.00	120.00	3.00	graphitic overprinted granitic gneiss	6.4	0.07	0.61	1.4	5	0.5	7.1	15	79.5
Z12-4F9	**M760978**	120.00	123.00	3.00	graphitic overprinted granitic gneiss	6.1	0.069	0.6	1.6	5	0.3	7.1	32	79.1
Z12-4F9	**M760979**	123.00	126.00	3.00	graphitic overprinted granitic gneiss	11	0.114	0.69	2.6	20	1	10.8	22	78.6
Z12-4F9	**M760980**	126.00	129.00	3.00	graphitic overprinted granitic gneiss	5.8	0.068	0.61	1.7	5	0.3	6.5	18	71.7
Z12-4F9	**M760981**	129.00	132.00	3.00	graphitic overprinted granitic gneiss	12.4	0.067	0.62	1.8	5	0.4	9.8	14	77.5
Z12-4F9	**M760982**	132.00	135.00	3.00	graphitic overprinted granitic gneiss	5.5	0.091	1	2.8	16	0.5	7.9	30	72.6
Z12-4F9	**M760983**	135.00	138.00	3.00	graphitic overprinted granitic gneiss	9.9	0.062	0.66	2	9	1	15.5	18	68.5
Z12-4F9	**M760984**	138.00	141.00	3.00	graphitic overprinted granitic gneiss	57.6	0.069	0.48	2.4	9	1.5	30	20	67.5
Z12-4F9	**M760985**	141.00	144.00	3.00	graphitic overprinted granitic gneiss	20.4	0.059	0.5	2.8	5	1.1	26.2	10	144
Z12-4F9	**M760986**	144.00	147.00	3.00	graphitic overprinted granitic gneiss	6.9	0.065	0.6	2.9	6	0.5	7.6	17	78.3
Z12-4F9	**M760987**	147.00	150.00	3.00	graphitic overprinted granitic gneiss	9.1	0.077	0.68	3.6	7	0.8	13.9	29	79.6

CORE SAMPLES & ASSAYS

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Z12-4F9	**M760988**	150.00	153.00	3.00	graphitic overprinted granitic gneiss	5.2	0.06	0.69	3.5	5	0.8	11.4	49	72.7
Z12-4F9	**M760989**	153.00	156.00	3.00	graphitic overprinted granitic gneiss	13	0.063	0.72	3.3	6	0.9	10.4	14	78.6
Z12-4F9	**M760990**	156.00	159.00	3.00	graphitic overprinted granitic gneiss	14.7	0.068	0.75	2.3	9	0.6	12.9	18	80.1
Z12-4F9	**M760991**	159.00	162.00	3.00	graphitic overprinted granitic gneiss	8.2	0.07	0.69	1.6	6	0.9	13.2	23	81.9
Z12-4F9	**M760992**	162.00	165.00	3.00	graphitic overprinted granitic gneiss	6.1	0.092	0.96	2.4	15	1.1	8.9	27	82.2
Z12-4F9	**M760993**	165.00	168.00	3.00	graphitic overprinted granitic gneiss	25.1	0.067	1.12	3.6	10	1.4	27.6	32	80.7
Z12-4F9	**M760994**	168.00	171.00	3.00	graphitic overprinted granitic gneiss	11.5	0.071	0.76	3.3	5	1	15.4	29	91.3
Z12-4F9	**M760995**	171.00	174.00	3.00	graphitic overprinted granitic gneiss	29.8	0.073	0.63	8	4	2.1	27.9	62	263
Z12-4F9	**M760996**	174.00	177.00	3.00	graphitic overprinted granitic gneiss	12.5	0.067	0.62	1.4	5	0.7	20.8	24	72.2
Z12-4F9	**M760997**	177.00	180.00	3.00	graphitic overprinted granitic gneiss	61.5	0.071	0.64	1.2	8	2.1	42.1	13	75.7
Z12-4F9	**M760998**	180.00	183.00	3.00	graphitic overprinted granitic gneiss	207	0.077	0.53	2.1	9	4.6	115.5	16	80.5
Z12-4F9	**M760999**	183.00	186.00	3.00	graphitic overprinted granitic gneiss	14	0.069	0.61	1.1	6	2.5	26	45	81.3
Z12-4F9	**M761000**	**186.00**	**QC**		**J600100 Pulp: 10% C (high)**	8	0.1	0.26	2	15	0.7	10.3	22	77.2
Z12-4F9	**L012001**	186.00	188.00	2.00	graphitic overprinted granitic gneiss	6.2	0.063	0.64	1.4	5	2.4	11	19	75.3
Z12-4F9	**L012002**	188.00	190.00	2.00	graphitic overprinted granitic gneiss	5.7	0.061	0.57	0.9	5	1.7	7.1	10	75.2
Z12-4F9	**L012003**	190.00	192.00	2.00	graphitic brecciated granitic gneiss	7.3	0.061	0.48	0.9	5	1.3	26.8	11	72.5
Z12-4F9	**L012004**	192.00	194.00	2.00	graphitic brecciated granitic gneiss	5.4	0.069	0.48	0.9	6	0.7	5	18	77.8
Z12-4F9	**L012005**	194.00	196.00	2.00	graphitic brecciated granitic gneiss	3.8	0.06	0.4	1.1	5	1.5	7.9	17	72.2
Z12-4F9	**L012006**	196.00	198.00	2.00	graphitic brecciated granitic gneiss	10	0.064	0.52	1.5	7	2	9.3	12	65.7
Z12-4F9	**L012007**	198.00	200.00	2.00	graphitic brecciated granitic gneiss	14.2	0.068	0.49	2.5	5	1.9	11.5	38	116.5
Z12-4F9	**L012008**	200.00	200.32	0.32	higher grade graphitic brecciated granitic gneiss	139	0.051	0.53	1.8	3	1.7	30.3	9	67.8
Z12-4F9	**L012009**	200.32	201.32	1.00	graphitic brecciated granitic gneiss	30.5	0.063	0.46	1.1	5	1.3	19	9	93.7
Z12-4F9	**L012010**	201.32	202.07	0.75	higher grade graphitic brecciated granitic gneiss	8.3	0.086	0.44	1.2	17	1.3	10.8	20	68.6
Z12-4F9	**L012011**	202.07	202.89	0.82	graphitic brecciated granitic gneiss	10.5	0.058	0.41	1.5	5	1.3	16.6	11	69
Z12-4F9	**L012012**	202.89	203.42	0.53	higher grade graphitic brecciated granitic gneiss	7.9	0.116	0.47	1.5	34	1.2	38.6	38	63.7
Z12-4F9	**L012013**	203.42	204.37	0.95	graphitic brecciated granitic gneiss	14.9	0.121	0.56	1.4	31	0.9	29.9	45	77.4

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Z12-4F9	**L012014**	204.37	205.40	1.03	higher grade graphitic brecciated granitic gneiss	157.5	0.054	0.27	1.9	5	2.3	63.2	7	75.7
Z12-4F9	**L012015**	205.40	206.40	1.00	graphitic brecciated granitic gneiss	88.7	0.061	0.31	1	5	1.4	55.7	10	101.5
Z12-4F9	**L012016**	206.40	208.00	1.60	graphitic brecciated granitic gneiss	54.8	0.051	0.34	1.2	3	1.5	31.5	8	106
Z12-4F9	**L012017**	208.00	210.00	2.00	graphitic brecciated granitic gneiss	15.2	0.058	0.44	1.4	4	1.4	22.6	13	79.1
Z12-4F9	**L012018**	210.00	210.38	0.38	higher grade graphitic brecciated granitic gneiss	5.7	0.055	0.39	1	4	1.3	9.2	9	73.5
Z12-4F9	**L012019**	210.38	212.00	1.62	graphitic brecciated granitic gneiss	5.4	0.058	0.46	1.2	4	1	4.4	19	74.2
Z12-4F9	**L012020**	212.00	214.00	2.00	graphitic brecciated granitic gneiss	12.7	0.107	0.58	1.6	18	1.7	22.2	38	76.5
Z12-4F9	**L012021**	214.00	216.00	2.00	graphitic brecciated granitic gneiss	8	0.066	0.48	1.2	5	1.1	18	28	74.7
Z12-4F9	**L012022**	216.00	218.00	2.00	graphitic brecciated granitic gneiss	24.2	0.06	0.5	1.7	4	1.6	12.7	33	74.2
Z12-4F9	**L012023**	218.00	219.00	1.00	higher grade graphitic brecciated granitic gneiss	5.5	0.054	0.57	1.9	5	1.6	10.4	28	65.1
Z12-4F9	**L012024**	219.00	219.84	0.84	graphitic brecciated granitic gneiss	5.4	0.045	0.61	1.2	3	0.9	4.4	22	70.2
Z12-4F9	**L012025**	**219.84**	**QC**		**J600092 Pulp: 3.33% C (low)**	6.8	0.1	0.48	3.2	14	0.4	10.8	25	77.1
Z12-4F9	**L012026**	219.84	220.70	0.86	higher grade graphitic brecciated granitic gneiss	8.2	0.048	0.45	1.2	5	1.4	6.4	14	70.7
Z12-4F9	**L012027**	220.70	221.72	1.02	graphitic brecciated granitic gneiss	5.9	0.06	0.53	1.2	6	1.6	4.9	15	73.8
Z12-4F9	**L012028**	221.72	222.72	1.00	higher grade graphitic brecciated granitic gneiss	5.9	0.056	0.51	1.6	5	1.2	5.6	13	69.2
Z12-4F9	**L012029**	222.72	224.93	2.21	graphitic brecciated granitic gneiss	10.1	0.052	0.57	2.1	4	1	8.3	13	74.8
Z12-4F9	**L012030**	224.93	227.00	2.07	graphitic brecciated granitic gneiss	4.3	0.074	0.78	1.2	17	0.7	5.6	32	70.6
Z12-4F9	**L012031**	227.00	229.00	2.00	graphitic brecciated granitic gneiss	4.8	0.135	0.88	1.8	48	1	9.9	56	66.2
Z12-4F9	**L012032**	229.00	231.00	2.00	graphitic brecciated granitic gneiss	25.7	0.071	0.72	6.3	5	2.1	15.6	55	260
Z12-4F9	**L012033**	231.00	233.41	2.41	graphitic brecciated granitic gneiss	6.6	0.132	1.45	1.3	34	1.1	10.1	76	86.5
Z12-4F9	**L012034**	233.41	235.00	1.59	higher grade graphitic brecciated granitic gneiss	7.8	0.07	0.9	0.9	13	2.1	12.2	36	68.4
Z12-4F9	**L012035**	235.00	237.00	2.00	graphitic brecciated granitic gneiss	5.9	0.052	0.76	1.3	4	0.6	4.4	17	59.4
Z12-4F9	**L012036**	237.00	239.00	2.00	graphitic brecciated granitic gneiss	8.6	0.056	0.61	1.3	4	1	15.9	19	69.3
Z12-4F9	**L012037**	239.00	241.00	2.00	graphitic brecciated granitic gneiss	5.5	0.062	0.7	1.5	4	1.2	4.8	17	76.2

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Z12-4F9	**L012038**	241.00	243.00	2.00	graphitic brecciated granitic gneiss	5.8	0.062	0.72	1.2	5	1.3	5.2	16	80.1
Z12-4F9	**L012039**	243.00	244.72	1.72	graphitic brecciated granitic gneiss	6.2	0.064	0.7	1.3	5	1.1	6.4	21	80.3
Z12-4F9	**L012040**	244.72	246.74	2.02	higher grade graphitic brecciated granitic gneiss	17.4	0.072	0.84	3.3	10	1.7	15.9	39	64.9
Z12-4F9	**L012041**	246.74	248.78	2.04	graphitic brecciated granitic gneiss	6	0.069	0.67	1.1	5	0.5	6.3	29	74.7
Z12-4F9	**L012042**	248.78	251.41	2.63	higher grade graphitic brecciated granitic gneiss	18.1	0.059	0.52	1.7	5	1.4	11.7	31	68.2
Z12-4F9	**L012043**	251.41	253.00	1.59	graphitic brecciated granitic gneiss	8.4	0.062	0.54	1.3	5	0.8	8.5	36	69.6
Z12-4F9	**L012044**	253.00	255.00	2.00	graphitic brecciated granitic gneiss	102.5	0.062	0.33	1.7	5	4.4	114	50	69.1
Z12-4F9	**L012045**	255.00	256.75	1.75	graphitic brecciated granitic gneiss	13.7	0.063	0.4	1.6	5	1.8	19.8	60	64.6
Z12-4F9	**L012046**	256.75	257.04	0.29	higher grade graphitic brecciated granitic gneiss	24.1	0.031	0.33	1.8	3	1.6	19.6	23	29.3
Z12-4F9	**L012047**	257.04	259.00	1.96	graphitic brecciated granitic gneiss	15.4	0.069	0.39	1.4	6	1.2	12.7	60	70.1
Z12-4F9	**L012048**	259.00	261.00	2.00	graphitic brecciated granitic gneiss	13.1	0.071	0.62	0.9	5	1	13.6	42	75.2
Z12-4F9	**L012049**	261.00	263.00	2.00	graphitic brecciated granitic gneiss	45.5	0.076	0.58	5.4	4	2.9	28.3	91	170
Z12-4F9	**L012050**	**263.00**	**QC**		**J600100 Pulp: 10% C (high)**	8.1	0.1	0.21	2.1	15	0.8	10.8	22	75.4
Z12-4F9	**L012051**	263.00	265.00	2.00	graphitic brecciated granitic gneiss	12.2	0.065	0.5	1.2	4	1.1	11.1	63	70.4
Z12-4F9	**L012052**	265.00	267.00	2.00	graphitic brecciated granitic gneiss	14.2	0.076	0.62	3.2	11	1.5	12.8	49	87.3
Z12-4F9	**L012053**	267.00	269.00	2.00	graphitic brecciated granitic gneiss	4.4	0.1	0.65	1.2	22	1	6.4	28	68.8
Z12-4F9	**L012054**	269.00	270.84	1.84	graphitic brecciated granitic gneiss	8	0.068	0.47	2	5	0.8	8	35	73.2
Z12-4F9	**L012055**	270.84	273.15	2.31	higher grade graphitic brecciated granitic gneiss	9.9	0.06	0.38	1.6	5	2.2	17.5	21	52.8
Z12-4F9	**L012056**	273.15	274.37	1.22	graphitic brecciated granitic gneiss	32.7	0.063	0.75	5.2	3	2.2	24	63	103
Z12-4F9	**L012057**	274.37	274.95	0.58	intermediate dyke	14.3	1.04	0.62	3.5	27	2	39.6	133	268
Z12-4F9	**L012058**	274.95	277.00	2.05	graphitic brecciated granitic gneiss	7.8	0.068	0.6	1.1	5	1.9	10.4	82	61.9
Z12-4F9	**L012059**	277.00	278.00	1.00	graphitic overprinted granitic gneiss with speckled aplitic material	36.1	0.034	0.68	8	1	4.1	31.2	136	149.5
Z12-4F9	**L012060**	278.00	280.00	2.00	higher grade graphitic brecciated granitic gneiss	6.6	0.066	0.59	1.1	5	1.1	8.7	22	66.7
Z12-4F9	**L012061**	280.00	282.00	2.00	graphitic brecciated granitic gneiss	8	0.075	0.61	2.5	8	1	10.9	46	99.5

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Z12-4F9	**L012062**	282.00	284.00	2.00	graphitic brecciated granitic gneiss	11.1	0.074	0.59	1.7	5	1.9	15	42	83
Z12-4F9	**L012063**	284.00	286.00	2.00	graphitic brecciated granitic gneiss	22	0.061	0.52	3.9	4	2.8	21	32	209
Z12-4F9	**L012064**	286.00	288.00	2.00	graphitic brecciated granitic gneiss	7.9	0.065	0.54	1.1	6	3.1	8.7	45	73.1
Z12-4F9	**L012065**	288.00	289.74	1.74	graphitic brecciated granitic gneiss crosscut with short mafic and aplite dykes	17.1	0.175	0.59	3.8	5	3.2	22.9	106	205
Z12-4F9	**L012066**	289.74	290.88	1.14	higher grade graphitic brecciated granitic gneiss	5.3	0.061	0.47	1.1	5	0.8	5.5	12	69.3
Z12-4F9	**L012067**	290.88	292.68	1.80	graphitic overprinted granitic gneiss	5.2	0.058	0.78	1.5	3	1.2	5.3	40	75.7
Z12-4F9	**L012068**	292.68	294.76	2.08	graphitic brecciated granitic gneiss	20.6	0.063	0.89	2.1	7	1.6	11.1	16	82.7
Z12-4F9	**L012069**	294.76	296.53	1.77	graphitic overprinted granitic gneiss	9	0.073	0.74	2.3	7	3.6	9.7	39	69.3
Z12-4F9	**L012070**	296.53	299.55	3.02	intermediate dyke	37.4	0.2	0.98	14.3	<1	11.3	47.5	85	491
Z12-4F9	**L012071**	299.55	300.64	1.09	graphitic overprinted granitic gneiss	33.8	0.109	0.86	12.3	2	5.6	37.1	67	327
Z12-4F9	**L012072**	300.64	303.03	2.39	higher grade graphitic brecciated granitic gneiss	12.4	0.072	0.6	1.9	7	1.4	10.4	17	65.7
Z12-4F9	**L012073**	303.03	305.45	2.42	graphitic brecciated granitic gneiss	7.4	0.067	0.57	1.8	6	1.9	6.6	28	69.4
Z12-4F9	**L012074**	305.45	306.76	1.31	very high grade graphitic brecciated/stringered granitic gneiss	41.9	0.277	2.54	12.2	71	5.2	25.5	689	65.9
Z12-4F9	**L012075**	**306.76**	**QC**		**M760125 Pulp - C blank 2990 Ba**	24.2	1.03	0.08	7.3	1	3	43.2	136	458
Z12-4F9	**L012076**	306.76	307.92	1.16	graphitic brecciated granitic gneiss	15.2	0.067	0.54	3	7	4.5	11.9	27	70.3
Z12-4F9	**L012077**	307.92	310.00	2.08	higher grade graphitic brecciated granitic gneiss	8	0.1	0.83	2.6	22	2.3	15.5	76	55
Z12-4F9	**L012078**	310.00	312.00	2.00	graphitic brecciated granitic gneiss	5.2	0.071	0.52	1.2	9	1.1	6.4	23	70.4
Z12-4F9	**L012079**	312.00	314.00	2.00	graphitic brecciated granitic gneiss crosscut with a mafic dyke	8.3	0.363	0.48	2.4	12	1.1	16.8	44	124.5
Z12-4F9	**L012080**	314.00	314.97	0.97	graphitic overprinted granitic gneiss	4.4	0.067	0.49	1.1	6	0.9	5.4	41	81.1
Z12-4F9	**L012081**	314.97	317.00	2.03	graphitic brecciated granitic gneiss	47.5	0.065	0.87	1.7	8	1.3	10	18	72.1
Z12-4F9	**L012082**	317.00	319.00	2.00	graphitic brecciated granitic gneiss	4.6	0.06	0.6	1.7	5	1	5.9	11	78.1
Z12-4F9	**L012083**	319.00	321.00	2.00	graphitic brecciated granitic gneiss	7.4	0.068	0.55	1.4	8	1.5	6.3	18	79.6

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Z12-4F9	**L012084**	321.00	323.00	2.00	graphitic brecciated granitic gneiss	19.6	0.083	0.77	2.2	17	2.2	7.6	21	70.9
Z12-4F9	**L012085**	323.00	325.00	2.00	graphitic brecciated granitic gneiss	9.8	0.062	0.5	1.3	6	1.7	13.6	12	65.8
Z12-4F9	**L012086**	325.00	326.49	1.49	graphitic brecciated granitic gneiss	11.6	0.066	0.55	1	5	3.7	16.1	11	75.5
Z12-4F9	**L012087**	326.49	328.57	2.08	granitic gneiss, no observable graphite	7.8	0.089	0.67	1.6	4	1.7	10.2	61	127.5
Z12-4F9	**L012088**	328.57	330.50	1.93	amphibolite	30.3	0.225	0.65	7.5	1	2.8	48	124	>500
Z12-4F9	**L012089**	330.50	333.50	3.00	amphibolite	21.7	0.248	0.78	5.4	<1	4.5	40.6	119	481
Z12-4F9	**L012090**	333.50	336.50	3.00	amphibolite	22.4	0.293	0.97	4.8	<1	4.8	48	136	467
Z12-4F9	**L012091**	336.50	339.00	2.50	amphibolite	30.8	0.261	0.63	7.1	1	3.1	44.2	133	>500
Z12-4F9	**L012092**	339.00	341.19	2.19	amphibolite	24.5	0.297	0.58	5.4	1	1.8	52.5	127	435
Z12-4F9	**L012093**	341.19	343.00	1.81	graphitic brecciated granitic gneiss	5	0.094	0.48	1.5	19	1.8	7.2	43	89.3
Z12-4F9	**L012094**	343.00	345.00	2.00	graphitic brecciated granitic gneiss	8	0.067	0.54	1.2	6	1	7.3	79	89.3
Z12-4F9	**L012095**	345.00	347.00	2.00	graphitic brecciated granitic gneiss	5.8	0.072	0.51	1.4	6	1.5	7.2	80	90.7
Z12-4F9	**L012096**	347.00	348.17	1.17	graphitic brecciated granitic gneiss	6.6	0.059	0.51	1	5	1.3	5.2	19	72
Z12-4F9	**L012097**	348.17	350.00	1.83	graphitic weakly brecciated granitic gneiss	13.2	0.061	0.56	0.7	6	0.7	6.3	13	68
Z12-4F9	**L012098**	350.00	352.00	2.00	graphitic weakly brecciated granitic gneiss	6.9	0.081	0.55	2.7	8	1.7	8.8	25	79.3
Z12-4F9	**L012099**	352.00	354.00	2.00	graphitic weakly brecciated granitic gneiss	4.4	0.066	0.58	0.7	5	0.6	4.1	12	80.1
Z12-4F9	**L012100**	**354.00**	**QC**		**J600104 Pulp: 6.86% C (med)**	8.8	0.105	0.38	2.1	16	0.7	10.6	27	92
Z12-4F9	**L012101**	354.00	356.00	2.00	graphitic weakly brecciated granitic gneiss	6.1	0.065	0.51	1.2	6	0.8	5.8	16	85.5
Z12-4F9	**L012102**	356.00	358.00	2.00	graphitic weakly brecciated granitic gneiss	5.1	0.069	0.52	1	6	0.6	4.9	48	82.2
Z12-4F9	**L012103**	358.00	360.00	2.00	graphitic weakly brecciated granitic gneiss	7	0.073	0.63	1.1	6	1.2	7	50	93.8
Z12-4F9	**L012104**	360.00	362.25	2.25	graphitic overprinted granitic to syentic gneiss	8.6	0.064	0.67	1.5	5	4.3	18.7	103	82.5

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Z12-4F9	**L012105**	362.25	364.52	2.27	graphitic overprinted granitic to syentic gneiss crosscut with mafic dyke	14.5	0.095	0.92	1	26	3.5	27.4	137	68.9
Z12-4F9	**L012106**	364.52	366.00	1.48	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	16.3	0.249	0.47	3.5	32	5.7	33.5	523	117
Z12-4F9	**L012107**	366.00	367.50	1.50	graphitic strongly overprinted/weakly brecciated granitic to syentic gneiss	12.2	0.06	0.31	1.4	6	2	16	24	89.8
Z12-4F9	**L012108**	367.50	368.88	1.38	graphitic brecciated granitic-syenitic gneiss	12.3	0.063	0.34	1.4	9	1.2	13.2	16	72.5
Z12-4F9	**L012109**	368.88	370.15	1.27	higher grade graphitic brecciated granitic-syenitic gneiss	6.5	0.065	0.46	1	11	1	7.1	25	61.1
Z12-4F9	**L012110**	370.15	372.20	2.05	unmineralized syenite	19.3	0.283	0.96	5.5	<1	6.3	30.7	128	419
Z12-4F9	**L012111**	372.20	374.22	2.02	unmineralized syenite	48.2	0.24	0.88	9.5	3	6.4	88.2	180	481
Z12-4F9	**L012112**	374.22	375.18	0.96	graphitic overprinted syenitic gneiss	12.2	0.116	0.41	2.6	15	1.7	30.3	53	94
Z12-4F9	**L012113**	375.18	377.18	2.00	Syenite	36	0.215	0.58	8	1	3.6	53.5	139	>500
Z12-4F9	**L012114**	377.18	379.18	2.00	Syenite	41.1	0.17	0.57	7.6	1	6.1	59.1	101	>500
Z12-4F9	**L012115**	379.18	381.48	2.30	Syenite	32.3	0.144	0.72	6.8	<1	4.7	43	118	>500

682,000 mE

683,000 mE

684,000 mE

5,546,000 mN

5,545,000 mN

4255103

4255106

4255111

4255104

4255105

4255112

4257725

4257726

4257733

Nagagami River

Z12-4F6b
682400
5545570
131
0
-70
39

Z12-4F6a
682400
5545570
131
0
-65
51

Z12-4F6
682400
5545570
131
0
-65
346

Z12-4F3
682500
5545770
131
180
-56
495

Z11-4F1
682500
5545570
131
0
-65
543

Z12-4F2
682500
5545370
131
0
-65
528

Z12-4F7
682600
5545570
131
0
-65
321

Z12-4F9
682955
5545850
130
180
-65
425

Z12-4F8
682955
5545800
130
0
-65
365

Z12-4F5
682955
5545700
130
0
-65
326

Z12-4F4
682955
5545700
129
180
-80
179

0 100 200
metres

LEGEND

Drillhole collar and trace Phase 1
Easting (m)
Northing (M)
Elevation (m)
Azimuth
Dip
Lenght (m)

Drillhole collar and trace Phase 2
Easting (m)
Northing (M)
Elevation (m)
Azimuth
Dip
Lenght (m)

-90 °

-80 °

55 °

45 °

ALBANY

Hearst

Thunder Bay

Timmins

Sudbury

Toronto

0 200 400
kilometres

ONTARIO KEY PLAN

5,550,000 mN

5,542,500 mN

680,000 mE

687,500 mE

4255101 4255108 4255109

4257701 4257714 4257715 4255102 4255107 4255110 4257734 4257746

4257735

4257702 4257713 4257716 4255103 4255106 4240214 4255111 4257736 4257745

Nagagami River

4257703 4257712 4257717 4255104 4255105 4255112 4257737 4257744

Feagan Lake

4257704 4257711 4257718 4257725 4257726 4257733 4257738 4257743

4257705 4257710 4257719 4257724 4257727 4257732 4257739 4257742

4257730

4257706 4257709 4257720 4257723 4257728 4257731 4257740 4257741

4257707 4257708 4257721 4257722 4257747 3002472 3002473

Z12-4F3 Z12-4F9 Z12-4F6 Z12-4F8 Z12-4F6b Z12-4F7 Z12-4F5 Z11-4F1 Z12-4F6a Z12-4F4 Z12-4F2

CLAIM & DRILLHOLE LOCATION MAP

0 1 2
kilometres

zenyatta

Date:01/08/2012

Author: Glenda Carey

Office: Thunder Bay

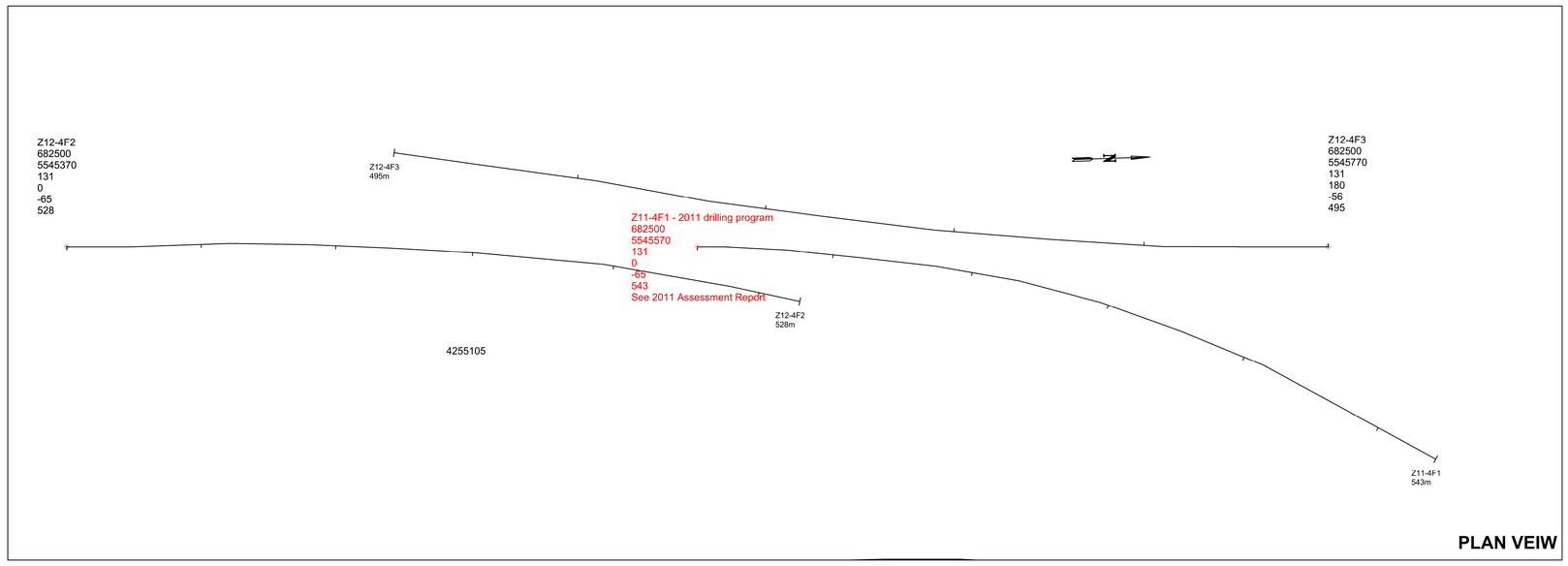
Drawing: csalo

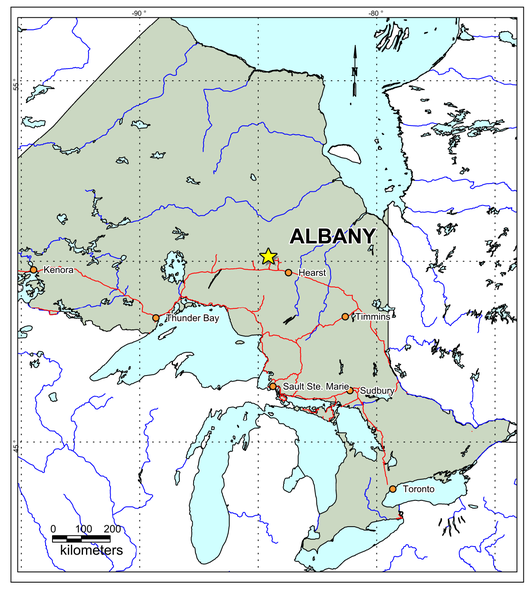
Scale: 1:5000

ALBANY - BLOCK 4F
PHASE 2

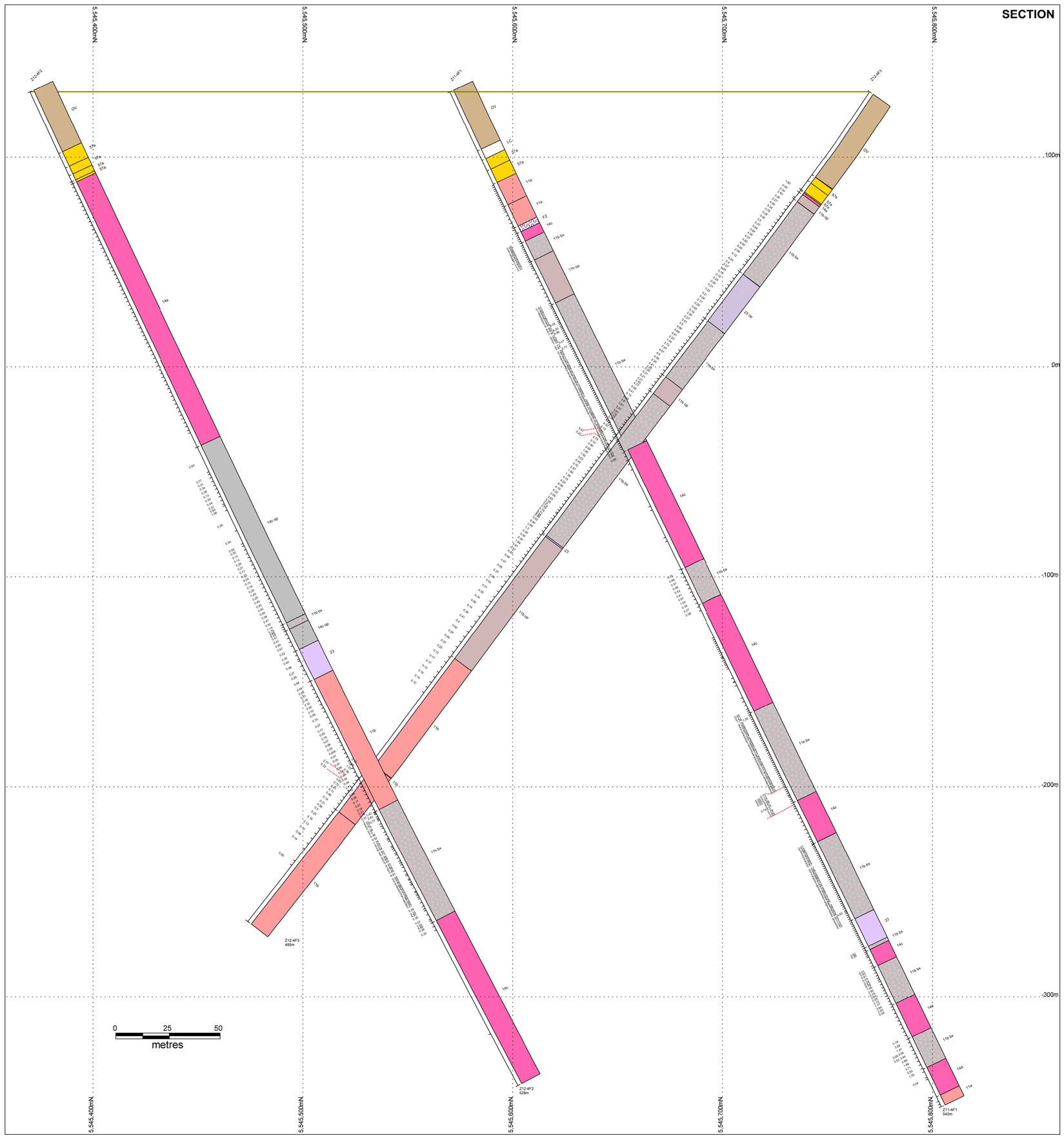
DRILLHOLE LOCATION
2012 PROJECT
MAP 1

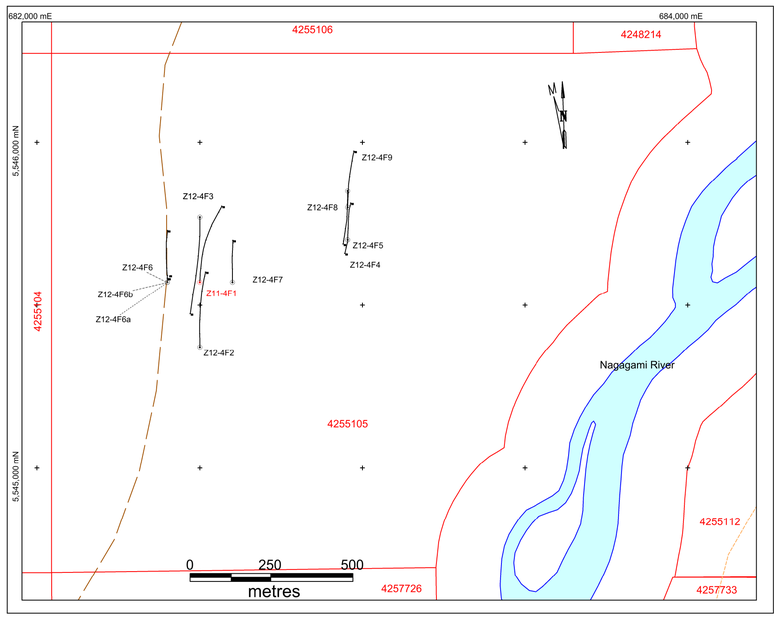
Projection: UTM Zone 16 (NAD 83)





ONTARIO LOCATION KEY





DRILLHOLE LOCATION AND CLAIMS

Legend

PALEOZOIC
- 57a - Limestone

PALEOPROTEROZOIC
- 23 - Mafic Dyke

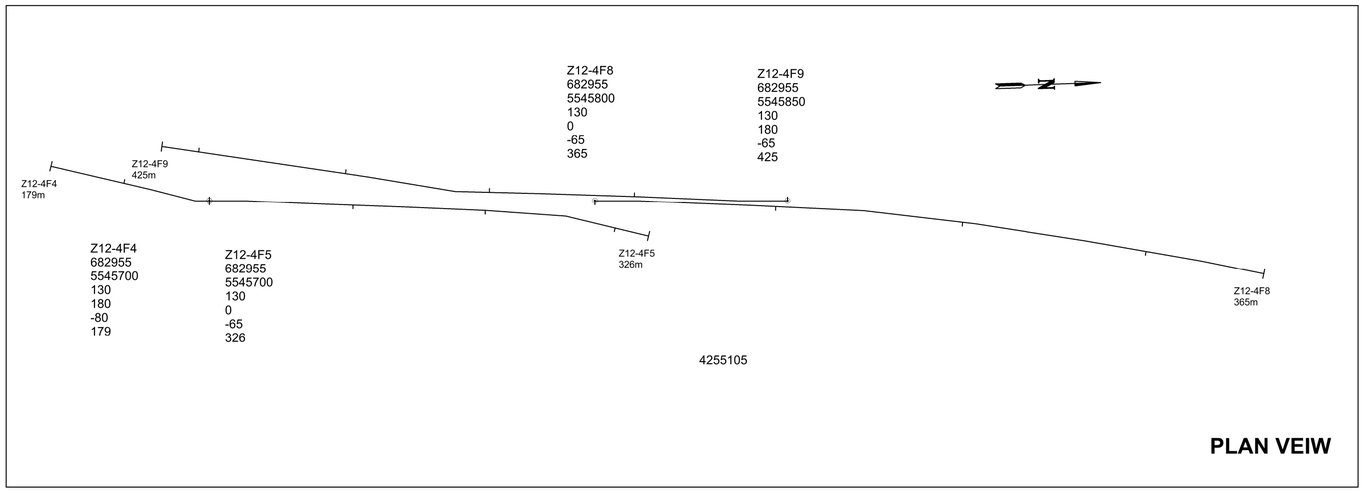
ARCHEAN
- 14a - Monzonite, Diorite
- 14b - Granite
- 14c - Syenite
- 14d - Nepholine Syenite
- 14g - Chloritic Biotite Schist
- 11b op - Syenite Gneiss Graphite Overprint
- 11a bx - Graphitic Granitic Gneiss Breccia
- 11b bx - Graphitic Syentic Gneiss Breccia
- 14d bx - Graphitic Nepheline Breccia
- 11a - Granitic Gneiss
- 11b - Syenitic Gneiss

- OV - Overburden
- LC - Lost Core
- FLT - Fault

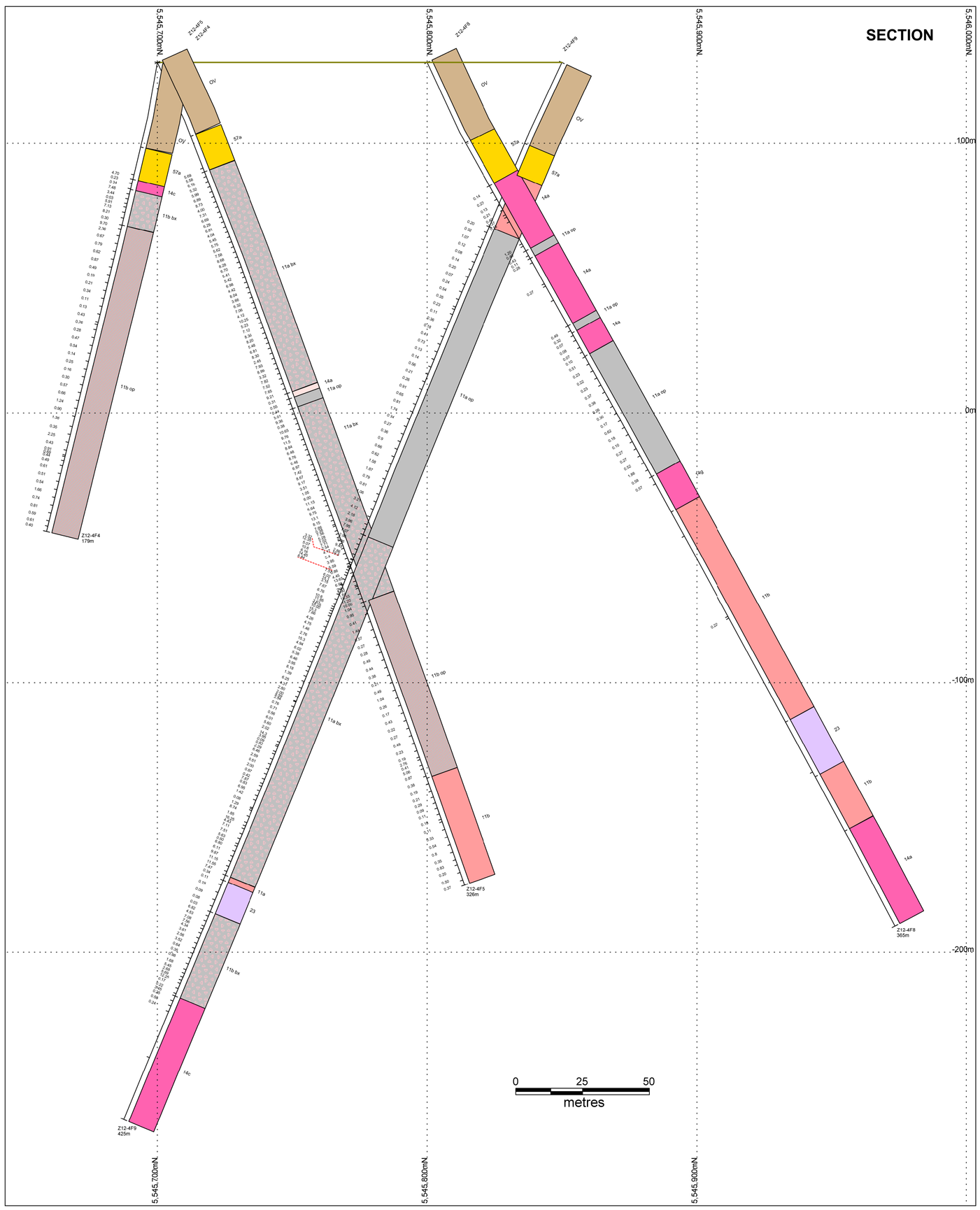
Hole ID
Easting (m)
Northing (m)
Elevation (m)
Azimuth
Dip
Depth (m)

Sample Intervals
Carbon %
EOH

Geologist: Andrew Dalby	zenyatta
Date:01/08/2012	**ALBANY - 4F**
Author: Glenda Carey	**PHASE 2**
Office: Thunder Bay	**SECTIONS Z11-4F1, Z12-4F2 Z12-4F3**
Drawing: csalo	**MAP 2**
Scale:1:1000	Projection:NAD 83, UTM ZONE 16

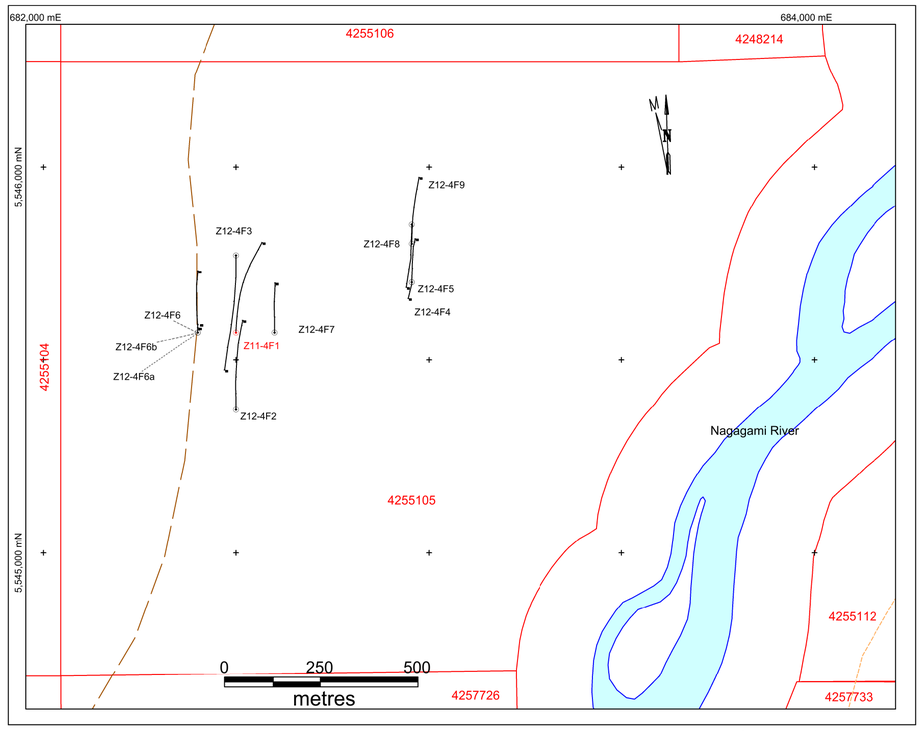


PLAN VEIW



SECTION

ONTARIO LOCATION KEY



DRILLHOLE LOCATION AND CLAIMS

Legend

PALEOZOIC
- 57a - Limestone

PALEOPROTEROZOIC
- 23 - Mafic Dyke

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- 11b bx - Graphitic Syentic Gneiss Breccia
- 14d bx - Graphitic Nepheline Breccia
- 11a - Granitic Gneiss
- 11b - Syenitic Gneiss

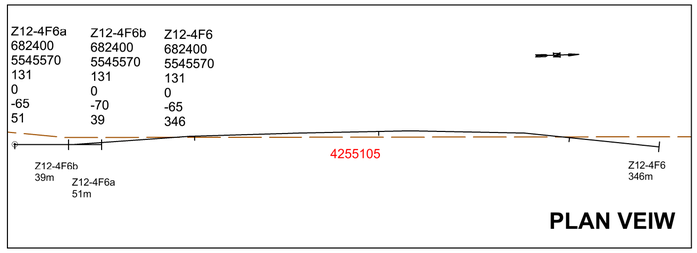
- OV - Overburden
- LC - Lost Core
- FLT - Fault

Hole ID
Easting (m)
Northing (m)
Elevation (m)
Azimuth
Dip
Depth (m)

Sample Intervals Carbon %

EOH

Geologist: Andrew Dalby	zenyatta
Date:01/08/2012	**ALBANY - 4F PHASE 2 SECTIONS Z12-4F4, Z12-4F5, Z12-4F8, Z12-4F9 MAP 3**
Author: Glenda Carey	
Office: Thunder Bay	
Drawing: csalo	
Scale:1:1000	Projection:NAD 83, UTM ZONE 16



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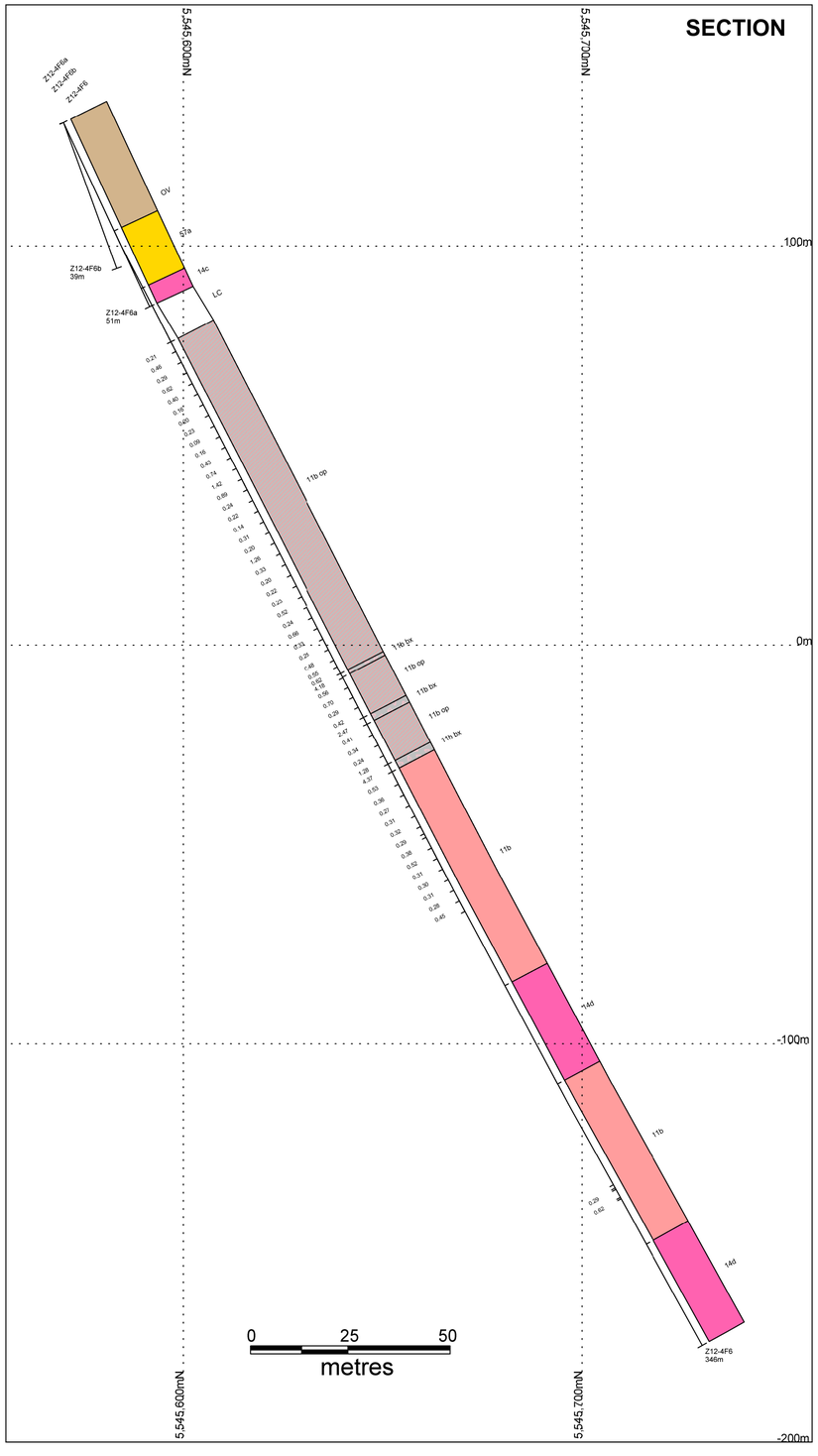
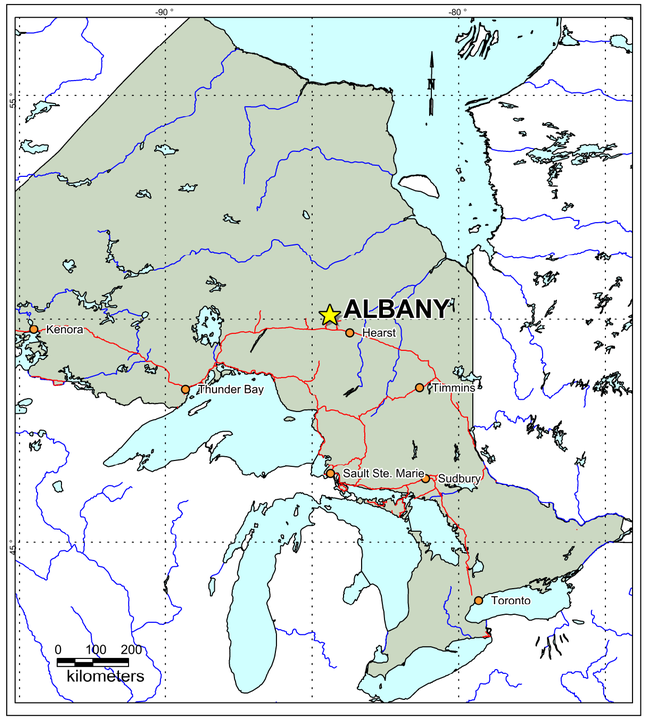
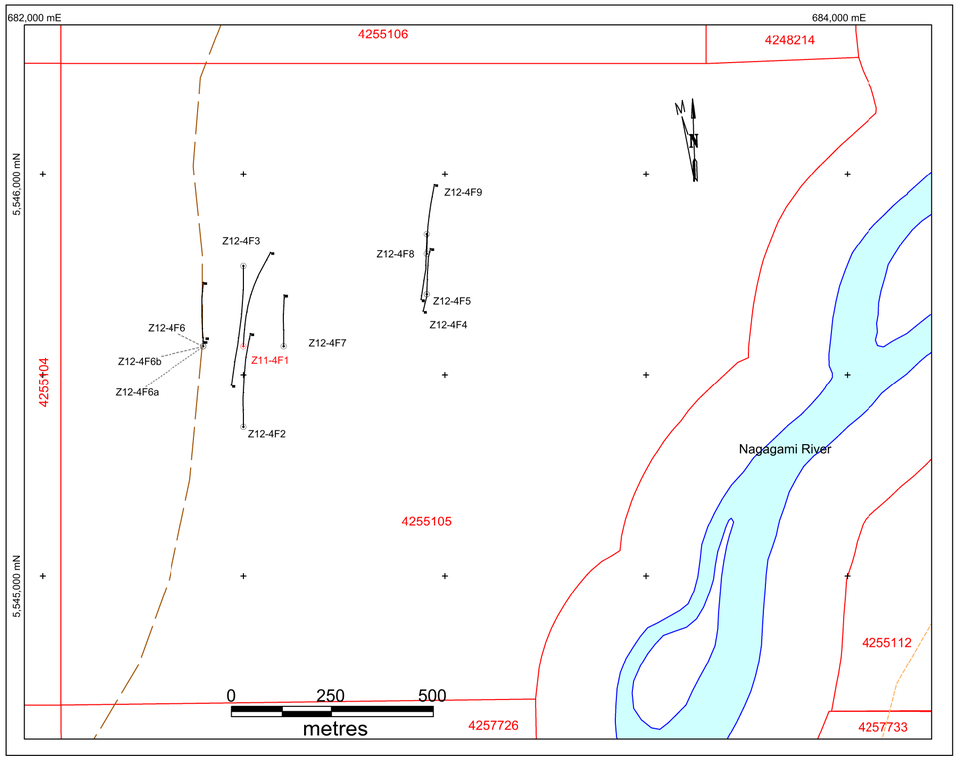


SECTION



ONTARIO LOCATION KEY



DRILLHOLE LOCATION AND CLAIMS

Legend

PALEOZOIC

- 57a - Limestone

PALEOPROTEROZOIC

- 23 - Mafic Dyke

ARCHEAN

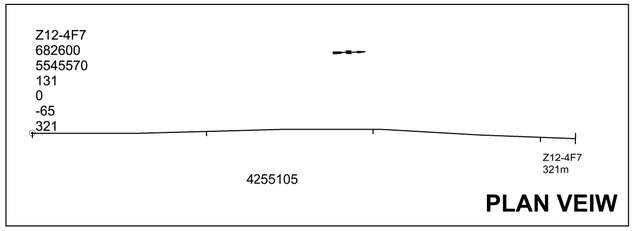
- 14a - Monzonite, Diorite
- 14b - Granite
- 14c - Syenite
- 14d - Nepheline Syenite
- 14g - Chloritic Biotite Schist
- 11b op - Syenite Gneiss Graphite Overprint
- 11a bx - Graphitic Granitic Gneiss Breccia
- 11b bx - Graphitic Syentic Gneiss Breccia
- 14d bx - Graphitic Nepheline Breccia
- 11a - Granitic Gneiss
- 11b - Syenitic Gneiss
- OV - Overburden
- LC - Lost Core
- FLT - Fault

Hole ID
Easting (m)
Northing (m)
Elevation (m)
Azimuth
Dip
Depth (m)

Sample Intervals Carbon %

EOH

Geologist: Andrew Dalby	zenyatta
Date:01/08/2012	**ALBANY - 4F**
Author: Glenda Carey	**PHASE 2**
Office: Thunder Bay	**SECTION Z12-4F6, 6a & 6b**
Drawing: csalo	**MAP 4**
Scale:1:1000	Projection:NAD 83, UTM ZONE 16



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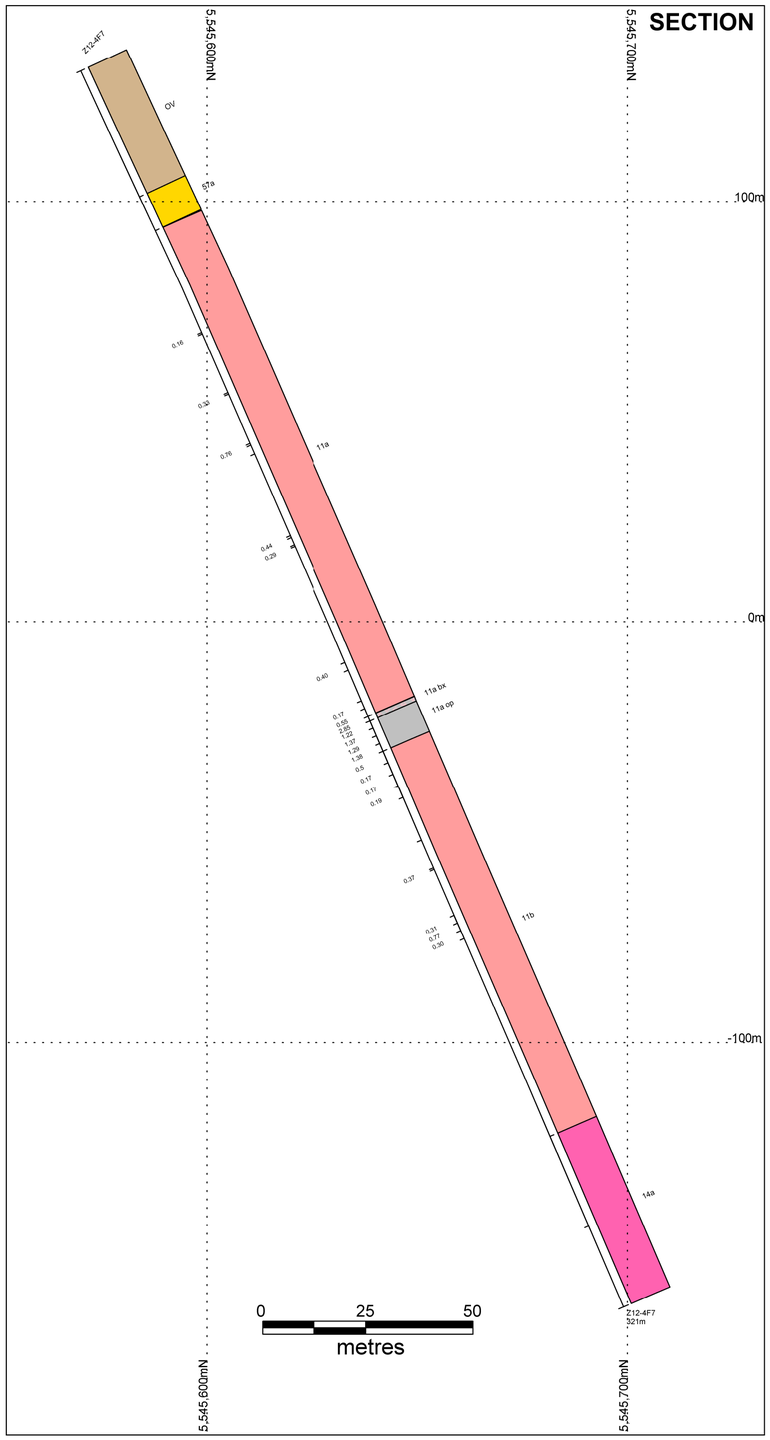
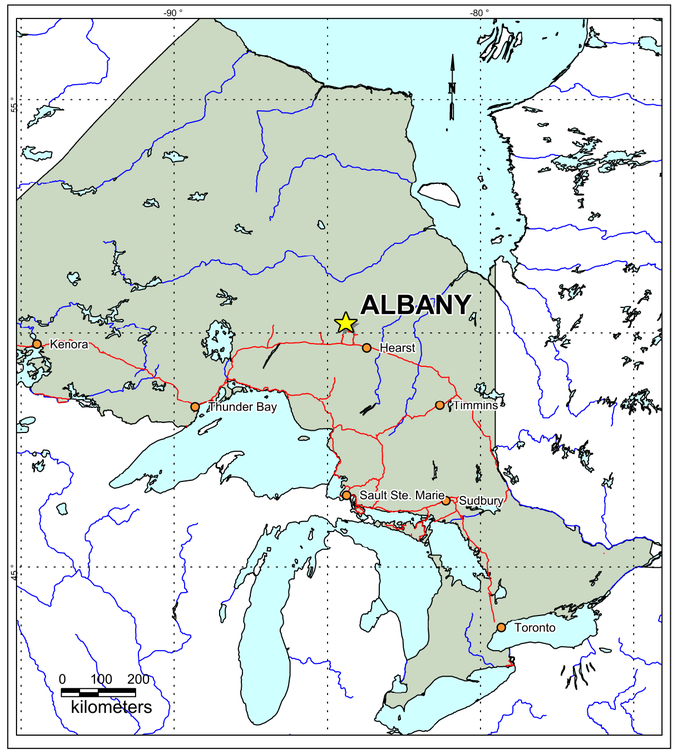
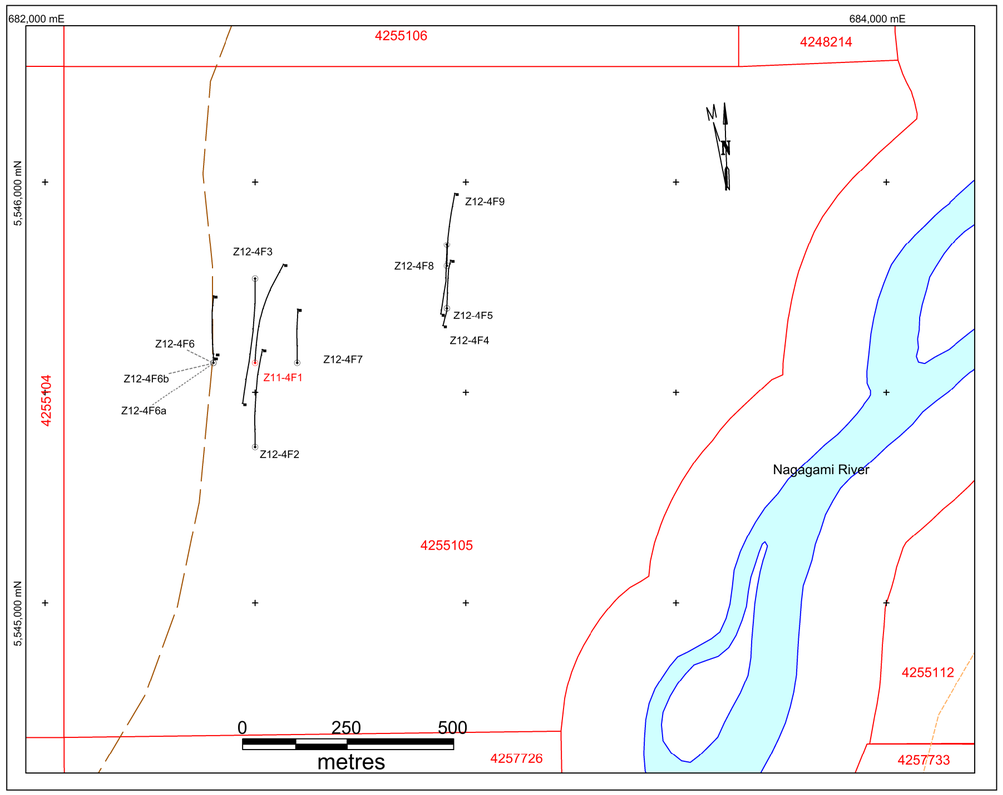




ONTARIO LOCATION KEY



DRILLHOLE LOCATION AND CLAIMS

Legend

PALEOZOIC

- 57a - Limestone

PALEOPROTEROZOIC

- 23 - Mafic Dyke

ARCHEAN

- 14a - Monzonite, Diorite
  14b - Granite
  14c - Syenite
  14d - Nepheline Syenite
  14g - Chloritic Biotite Schist
- 11b op - Syenite Gneiss Graphite Overprint
- 11a bx - Graphitic Granitic Gneiss Breccia
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- 11a - Granitic Gneiss
  11b - Syenitic Gneiss

- OV - Overburden
- LC - Lost Core
- FLT - Fault

Hole ID
Easting (m)
Northing (m)
Elevation (m)
Azimuth
Dip
Depth (m)

Sample Intervals Carbon %

EOH

Geologist: Andrew Dalby	zenyatta
Date:01/08/2012	**ALBANY - 4F PHASE 2 SECTION Z12-4F7 MAP 5**
Author: Glenda Carey	
Office: Thunder Bay	
Drawing: csalo	
Scale:1:1000	Projection:NAD 83, UTM ZONE 16