

ALBANY PROJECT BLOCK 4F

2011 Assessment Report Phase I Diamond Drill Program

Porcupine Mining District, Ontario
Pitopiko River, Feagan Lake Townships
NTS: 42K/01,02, 42F/15,16



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1.0 Summary

This report summarizes the 2011 diamond drilling program completed on Zenyatta Venture's Albany Project, **Block 4F**. The 4F claim block is located in northwestern Ontario, Canada within the NTS blocks 42F/15,16 and 42K/01,02 (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) and REE's (rare earth elements) on the highly prospective 'new frontier' properties containing a vast underexplored area referred to as the Albany Project or "Arc of Fire" 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. Recent advances in airborne electromagnetic (EM) technology have allowed for deeper penetration/resolution through the iron deficient shallow marine sediments. 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 drilling program.

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 of the claim block. Known mineral occurrences (from historic drilling) within the Albany 28 claim groups include magnetite, pyrrhotite, chalcopyrite, pyrite, sphalerite, and niobium.

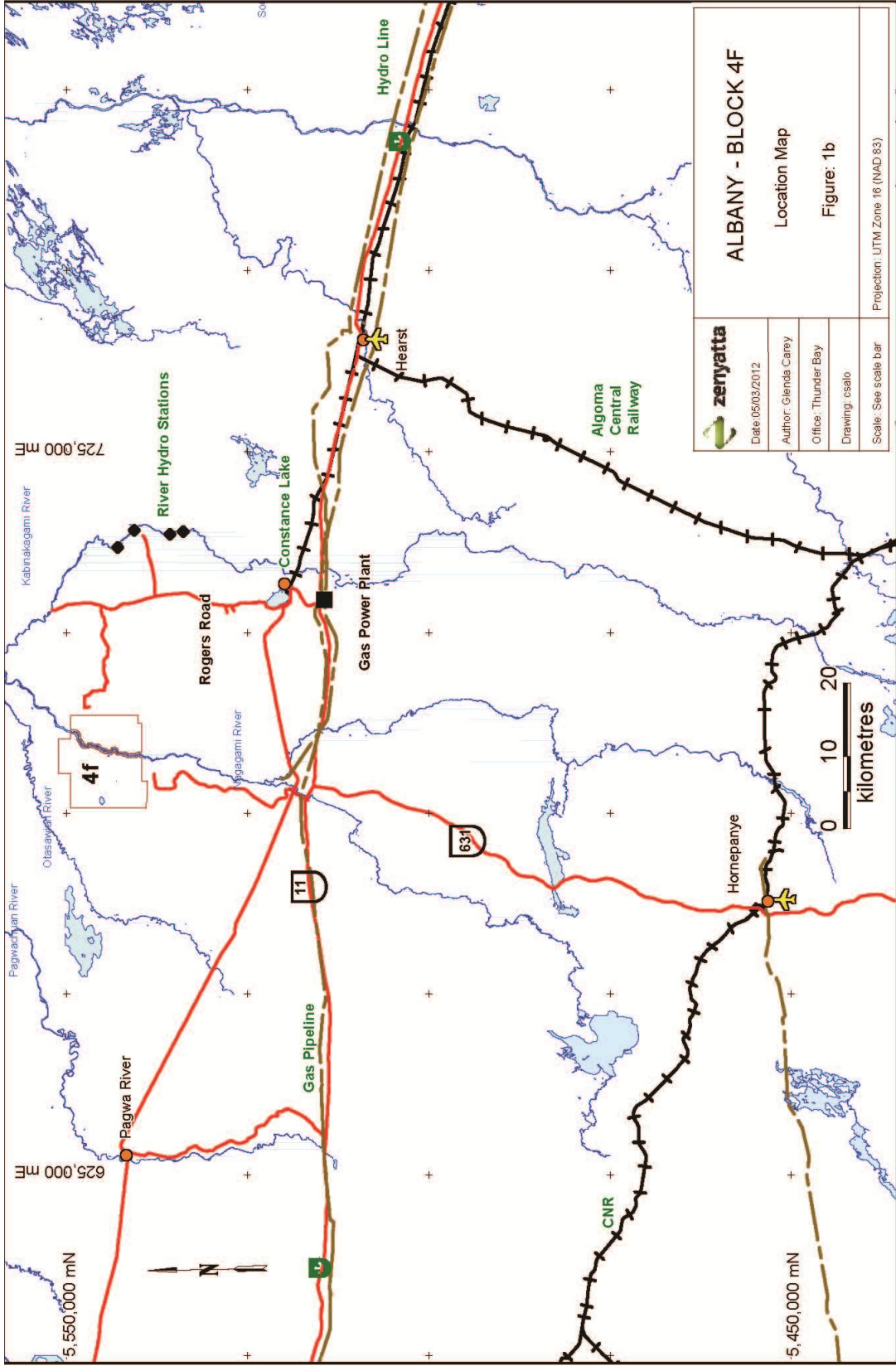
Previous exploration in Block 4F has been limited. Documented assessment work from the Ministry of Northern Development and Mines (MNDM) includes: ground geophysical surveys by Nagagami River Prospecting in 1959; airborne and ground magnetometer surveys, and diamond drilling in the 1960s by Algoma Ore Properties; and in 1978, diamond drilling by Shell Canada Limited.

In the fall of 2011, Zenyatta drilled one hole, DDH **Z11-4F1** in Block 4F, on a Geotech target, a VTEM conductor with a strong EM response on eight flight lines. The conductor was intersected by this first drill hole and was explained by the presence of several **graphitic brecciated** zones interlayered with gneiss, intrusives and dykes. Drill hole Z11-4F1 was drilled to a depth of 543m and a total of 338 core samples were collected and sent for geochemical analyses to ALS Chemex in Vancouver, British Columbia.

In 2011, graphite has increased in value due to a higher number of technical demands for carbon (C) and reduced exports from China. Therefore, in 2012, Zenyatta is planning further exploration drilling on the graphitic breccia zones to evaluate the grade and extent of graphite mineralization.



	ALBANY - PROJECT
Date: 05/03/2012	LOCATION MAP
Author: Glenda Carey	FIGURE 1A
Office: Thunder Bay	
Drawing: csalo	
Scale: See scale bar	Projection: Longitude/Latitude



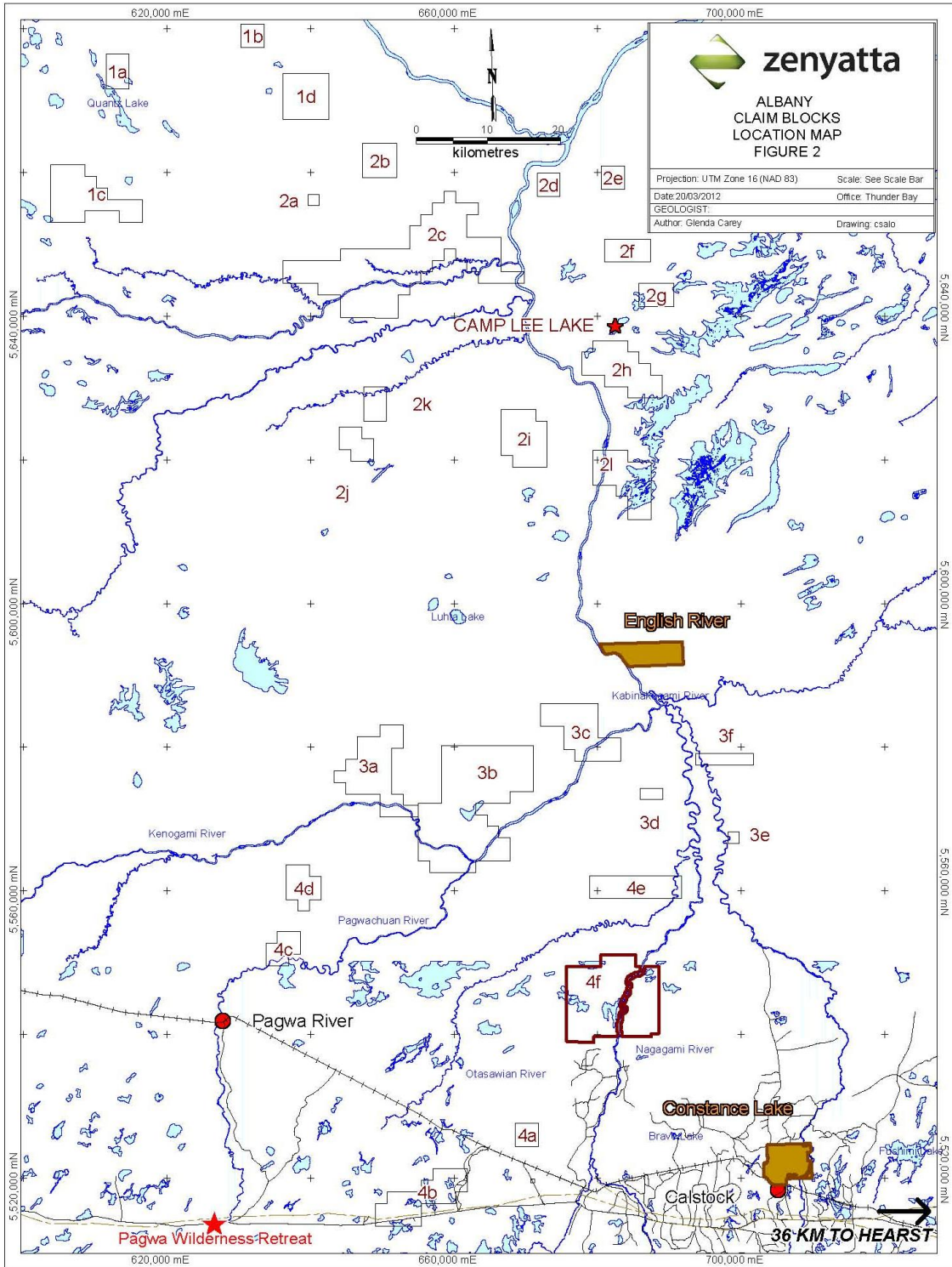
2.0 Introduction

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 **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 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.

To this date, exploration work carried out by Zenyatta on Albany **Block 4F** includes the airborne geophysical survey and one diamond drill hole, **Z11-4F1**, targeting the strong conductor. Drilling commenced on September 11th, 2011 and ended on September 24th, 2011. Drilling intersected several zones of *graphitic brecciated granitic to syenitic gneiss* alternating with layers of gneiss, lamprophyre and trachyte.

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 #1, presented below, lists the entire Block 4F claims and expiry dates.

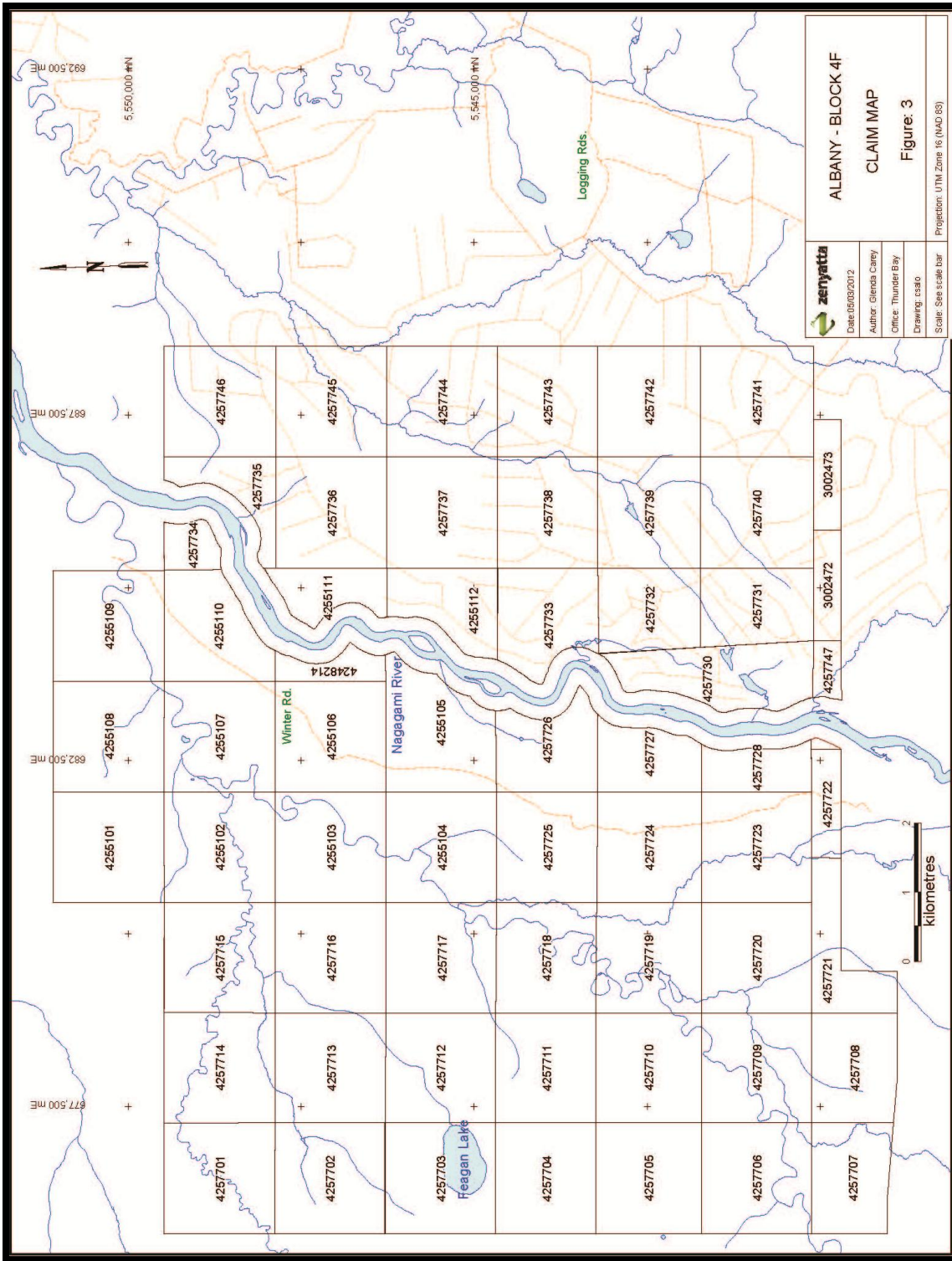


TABLE #1: ALBANY PROJECT – BLOCK 4F CLAIMS

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 #1: 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	

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 Figure 1b*). 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 UTM's: 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 **claim 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 (Cb₂O₅) 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, while retaining 10% interest in the property (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 for 22 drill holes were available from MNDM, but no report was submitted with the logs. One hole, **DDH 7609-78-1** was drilled within Block 4F in the Pitopiko River Township. The remaining reported Shell holes were drilled to the south and west of Block 4F.

1988: *Sage, R.P.*: authored report Study #43 on the Geology of Carbonatite, Nagagami River Alkalic Rock Complex, Ontario Geological Survey

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.

Two sialic terranes, the Northern Superior superterrane and the Sachigo superterrane, each have complex, but distinct, episodic magmatic and tectonic histories. The Northern Superior superterrane contains remnants of a record from Paleo- to Neoarchean and geophysically and isotopically can be linked to the Assean gneisses in Manitoba. The Sachigo superterrane with magmatic episodes from Meso- to Neoarchean age, encompasses a core terrane, the North Caribou terrane (NCT), and linear granite–greenstone domains on its south and north flanks that record an outward growth through the Neoarchean.

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.

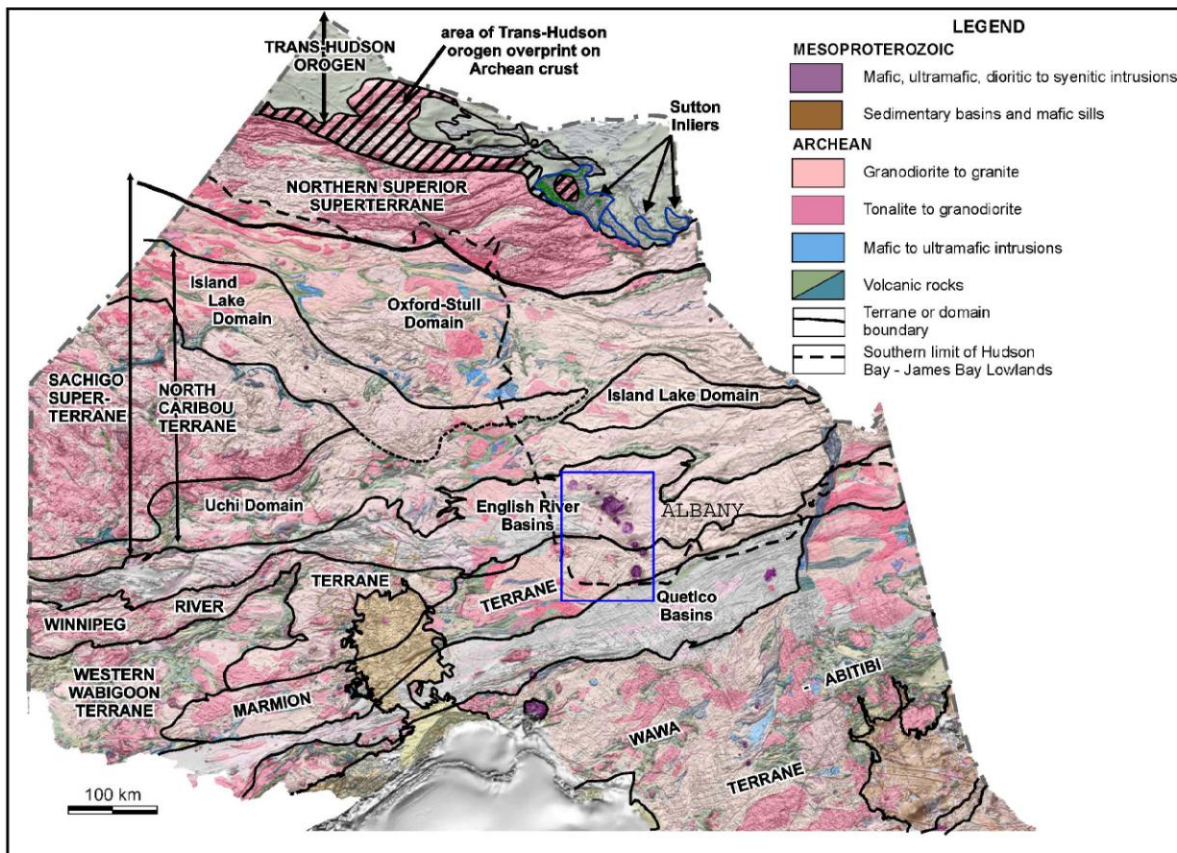


Figure 4. Regional tectonic subdivisions of northern Ontario (after Stott et al. 2007).

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:

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.).*

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).*

6.2 Property Geology

The Albany Project Block 4F area is covered by a thick layer of overburden, approximately 31 metres in Z11-4F1, and therefore no historical geological mapping projects were reported for the area. Underlying the overburden are the James Bay Lowlands flat-lying Paleozoic rocks, and in DDH Z11-4F1, drilling intersected the Precambrian basement rocks at 48 metres. According to Stott's Precambrian Geology Map (*see Figure 6*), the southern section of 4F claim block is underlain with 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).

Documented assessment work from MNDM reported diamond drilling in the 1960s by Algoma Ore Properties; and in 1978, diamond drilling by Shell Canada Limited. Precambrian rock types reportedly observed in these historical drill holes include mostly syenite and granite, minor pegmatitic intervals and an aplite dyke. In Zenyatta's Z11-4F1 drillhole, intersected basement rocks were identified as alternating layers of nepheline syenite, graphitic granitic gneiss, lamprophyre, granitic gneiss, syenite, trachyte and mafic dykes.

In 1988, OGS geologist R. Sage reported (Study #43) on the Nagagami Alkalic Rock Complex, which underlies the northern section of Block 4F:

The Nagagami River Alkalic Rock Complex lies beneath swamp, muskeg, glacial till, and Paleozoic rocks of the James Bay Lowlands. The complex is unexposed and all descriptive data concerning this complex came from the limited number of samples

available from diamond drilling. Aeromagnetic data indicate that the complex consists of two ring-shaped subcomplexes. The aeromagnetic pattern of the southern subcomplex cuts that of the northern subcomplex, suggesting that the southern subcomplex is younger. Linear northwest-trending aeromagnetic patterns attributed to diabase dikes do not cross the aeromagnetic pattern of the alkali rock complex, suggesting that these dikes are cut by the alkalic rocks and thus are older. This observation, combined with the fresh unmetamorphosed nature of the rock, suggests to the author that the complex is likely of Late Precambrian age, equivalent to the dominant period of alkali magmatism in Ontario. Regional structures that control the emplacement of the subcomplexes have not been clearly identified but the complex lies on trend with the extension of the northeast-striking Gravel River Fault.

The dominant rock type is an amphibole-pyroxene syenite which varies from fine to coarse grained, and locally displays a trachytoidal texture. A coarse-grained nepheline-bearing phase appears restricted to the southern subcomplex. A very coarse-grained pegmatitic phase and a minor granite phase have also been identified. Petrographically, the Nagagami River Alkalic Rock Complex has strong similarities to the pyroxene-bearing syenites of the Port Coldwell Alkalic Rock Complex.

The intrusion underwent unsuccessful testing for iron and niobium in 1964 by the Algoma Ore Properties Division of Algoma Steel Corporation. Future exploration of the complex should be directed towards the type of mineralization found in equivalent syenitic rocks of the Port Coldwell Alkalic Rock Complex (Sage, R.P., 1988).

Mineralization

Located near the northeast corner of Block 4F, the following mineral occurrences are Ontario Geological Survey occurrences catalogued from historical reports:

DDH #8-64: UTM's 685792E, 5551132N, NAD 83, Zone 16 - trace amounts of REE's in drill hole - 0.04% columbium, 0.1% lanthanum, 0.02% neodymium, from Algoma drill hole 8-64

DDH #9-64: UTM's 685237E, 5550906N, NAD 83, Zone 16 - Niobium - a sample of amphibole pyroxene syenite assayed 0.3% Nb₂O₅ (MDI# 42K01SW00004) from Algoma drill hole #9-64

South of and adjacent to Zenyatta's Block 4F, the exploration company GTA Resources holds a large group of claims covering an east-west trending, approximately 300 foot wide iron (Fe) formation. The following are mineral occurrences located on the GTA claims that occur directly south of Albany Block 4F:

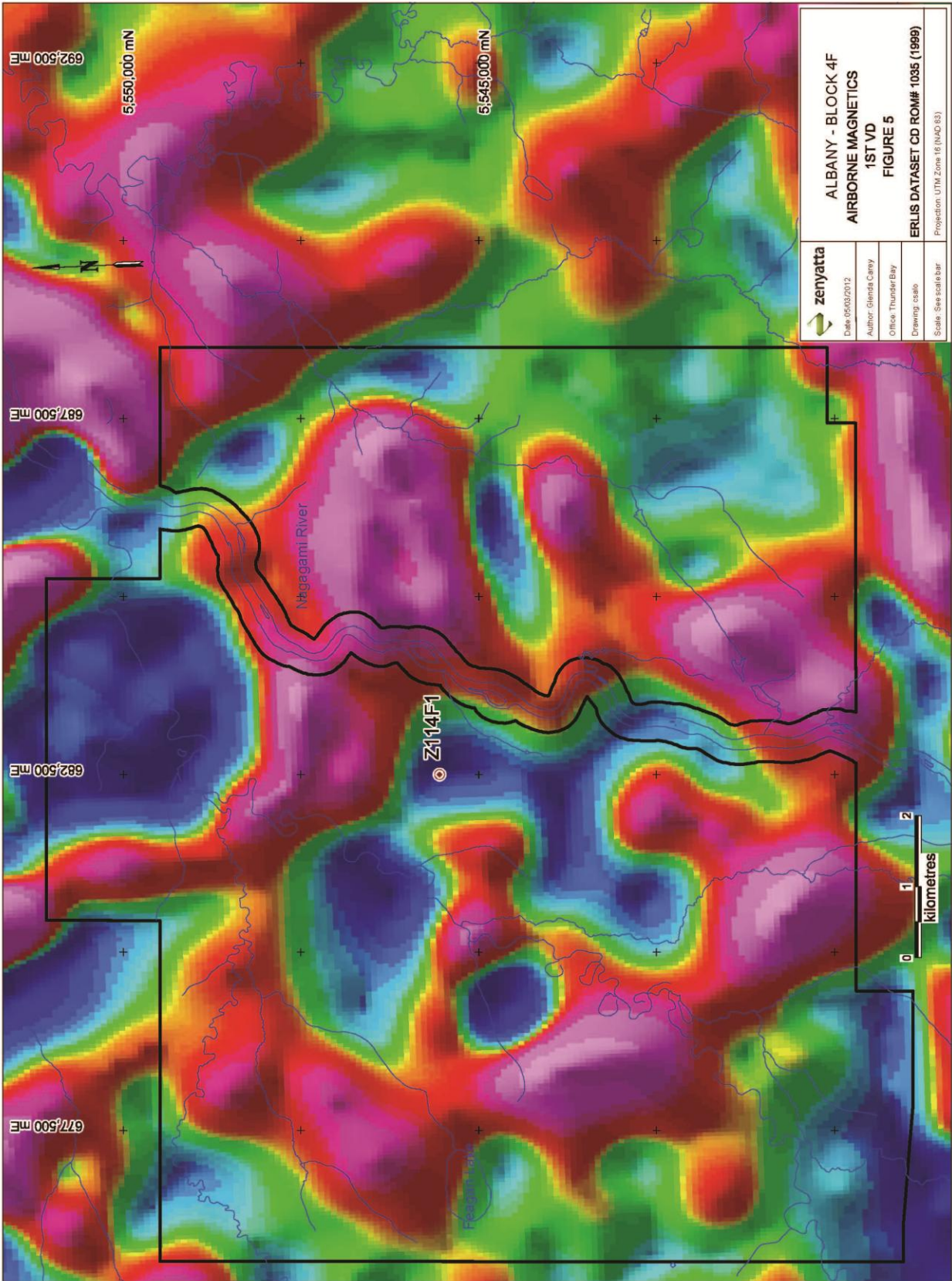
McGale Copper Prospect: UTM's: 682447E, 5537854N, NAD 83, Zone 16
According to MNDM mineral occurrence database, the McGale Copper occurrence is described as "*having two main zones of sulphide mineralization: an exposure 25-30 foot wide on west bank of river at the rapids (20% to massive pyrite and pyrrhotite with minor*

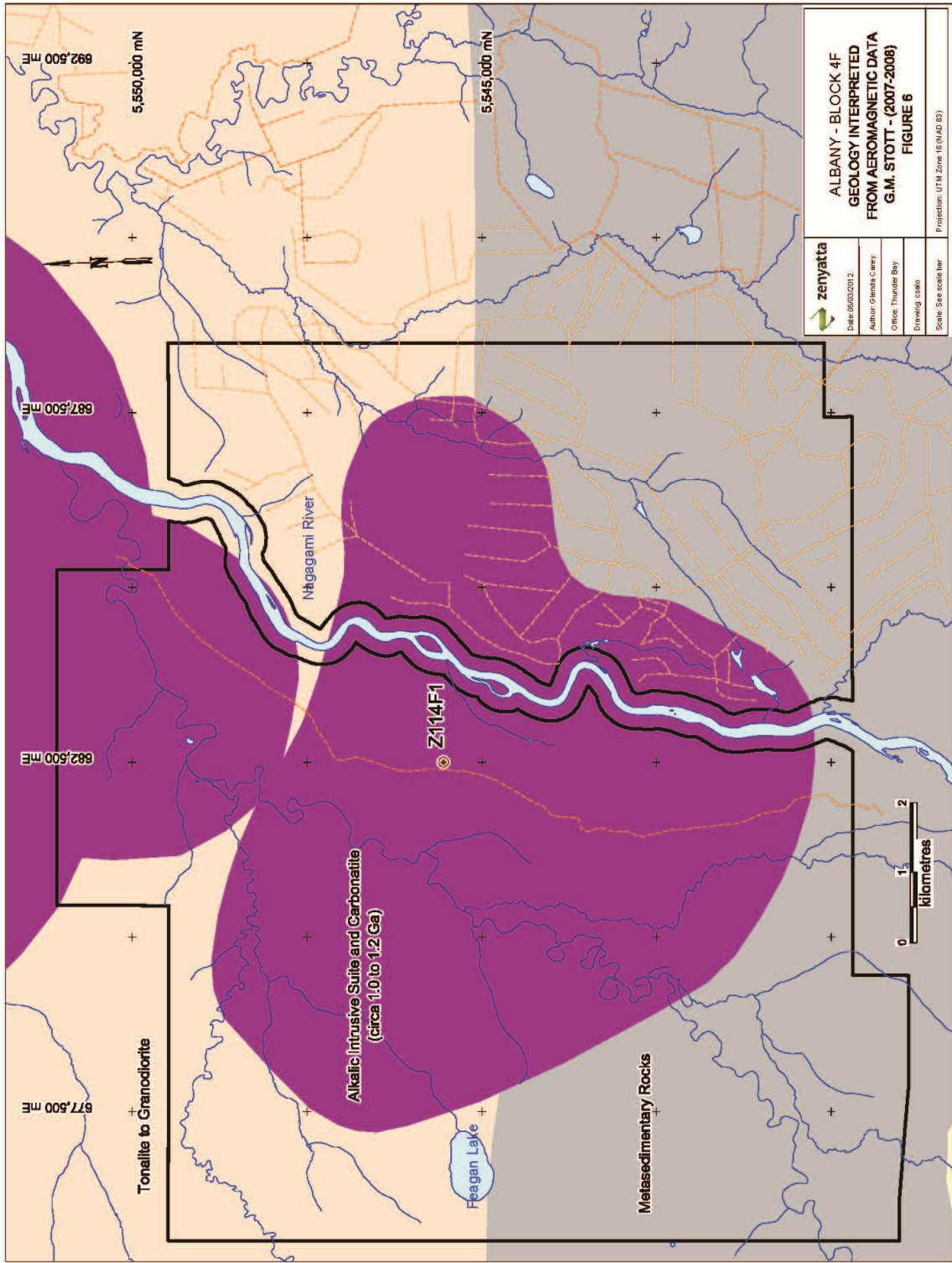
quartz as lenses and disseminations; very little copper mineralization in evidence, strongly magnetic) and an eight foot zone on the east shore of the river north of the rocky island and 50 foot south of the conglomerate consisting of fine-grained massive pyrite. Algoma personel noted a few small quartz-chalco-pyrite veins a few inches wide in conglomerate to the north of the east bank exposure. Drilling to the west of the river intersected paragneiss, quartzite and conglomerates and zones of varying degrees of sulphide mineralization."

McKinnon DH 7-14-1 (1993): UTM's – 687397.8E, 5538729.2N, NAD 83, Zone 16
Au occurrence in mafic tuff; section is dark green, fine grained with anhedral garnets and minor biotite, blue grey quartz stringers. A sample of 1.3m of mafic tuff assayed 0.77g/t Au. The following metre assayed 0.39g/t Au.

McKinnon DH 7-17-1 (1993) and Shell DH 7609-78-4(1978): Approximate UTM's – 685622.8E, 5538329N, NAD 83, Zone 16
In McKinnon hole 7-17-1 sampling of iron formation returned assays up to 3.33g/t Au; trace arsenopyrite and galena also noted in log. In Shell hole 7609-78-4, a 1.0 metre section of pyrrhotite rich iron formation (75.64-76.64m downhole) assayed 0.02 opt Au. Sampling of the Shell core in 1990, a 16 metre section of the pyrrhotite rich iron formation assayed up to 1277ppb Au. This was named the Auden Gold occurrence.

Algoma DH 10-64 (1964) and DH 11-64: approximate UTM's – 676017.9E, 5536878.9N, NAD 83, Zone 16
In DH 10-64, a 5 foot sample collected at 390-395ft, assayed 0.03 opt Au. In DH 11-64, sample at 240-245ft assayed 0.02 opt Au. The rock type was identified as an intermediate intrusive, synodiorite.





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 intracratonic 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 CO₂ rich fluid. This CO₂ 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 2011 Diamond Drill Program

In 2011, Zenyatta Ventures completed Phase 1 drilling on a number of claim blocks, collectively named the Albany Project. The **Phase 1** drill program began in February of 2011 for the Albany Project and was completed on 17 December 2011. From the 11th to the 24th of September, DDH **Z11-4F1** was drilled on claim Block 4F and totaled 543 metres. To date, this was the only Zenyatta hole drilled on Block 4F. The hole was 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.

Drill hole Z11-4F1 was designed to test a string of strong electromagnetic conductors. The location, azimuth, dip and length data are listed in Table #3 below, and shown on the drillhole location map (Map #1). Also included with this report is a drill section (Map #2) showing DDH Z11-4F1 in plan view, and in cross-section listing all rock types and the mineralization 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 349 samples, of which 11 were quality control samples, were submitted to ALS Chemex in Vancouver, BC. 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 samples from drillhole Z11-4F1.

Table #2 – Location Data for DDH Z114F1. UTM's in NAD 83, Zone 16

Township	Easting	Northing	Elevation	Azimuth	Inclination	Total Depth
Fintry (G-2308)	682500	5545570	130m	0°	-65°	543m

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 ALS Chemex Laboratory in Thunder Bay by Zenyatta company employees. At ALS Chemex, all samples were opened, crushed and split into sub-samples and pulverized prior to being sent to Vancouver, British Columbia for analysis. All core samples were analyzed using the ALS Chemex "*ultratrace level 48 multi-element package, ME-MS61*" (see Appendix 2 for results). In addition, 16 core samples were analyzed using the whole rock package *ME-ICP06* (see Appendix 3).

Standards and control samples were inserted into the sample stream in order to test the analytical quality control. The control samples used for drillhole Z11-4F1 are listed below in Table #3:

TABLE #3: DRILLHOLE Z11-4F1 - CONTROL SAMPLES		
HOLE ID	SAMPLE ID	COMMENT
Z114F1	J600340	Control - J601133 Pulp
Z114F1	J600360	Control - J601133 Raw/Reject
Z114F1	J600380	Control - J601133 Pulp
Z114F1	J600160	Control - J601132 PULP
Z114F1	J600180	Control - J601133 PULP
Z114F1	J600200	Control - J601132 PULP
Z114F1	J600220	Control - J601133 PULP
Z114F1	J600240	Control - J601132 PULP
Z114F1	J600299	Control - J601133 Raw/Reject
Z114F1	J600300	Control - J601133 Pulp
Z114F1	J600304	Control - KRA-P

10.0 Interpretation and Conclusions

Zenyatta Ventures has finished the first phase of exploration for Cu-Ni-PGE targets on the Albany claim groups and is proposing to conduct follow-up drilling exploration programs. The preliminary exploration program on the Albany claims, carried out in the winter and spring of 2010, consisted of a Geotech helicopter borne *VTEM 35 survey*. Survey lines were flown north-south with 150 metre spacing. Results of this survey were used to identify high priority EM and magnetic targets for diamond drilling. A total of 26 holes were drilled on eight of the Albany claim blocks, which included one drill hole, Z11-4F1 on Block 4F.

Drill hole Z11-4F1 crossed several distinct graphitic breccia zones which were found to be very conductive and non-magnetic, explaining the geophysical results of high conductivity and a magnetic low. The *conductive zone* is 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 observations from DDH Z11-4F1 and the geophysical data would suggest that this is a fairly large graphite deposit which needs to be further tested by a subsequent drilling program.

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. But, due to the potential size of the deposit, a better understanding of the source of the carbon and the formation of the brecciated zones is warranted.

11.0 Recommendations

Several zones of high grade graphite mineralization were intersected in drillhole Z11-4F1. The positive results warrant further exploration. A second phase of diamond drilling is recommended to investigate the possibility of graphite mineralization occurring deeper, and to determine the structural extent of the mineralized zones. The following work is recommended:

1. A subsequent drilling program with 200 metre step outs in all directions. The step outs would mainly be east-west, following the presumed strike of the deposit, with at least one hole to the south to determine depth extent of the deposit.
2. Subsequent geophysical 3-D modeling should be undertaken using drillhole data.
3. A bench-scale test should be undertaken by an outside laboratory to assess the purity and flake size of the graphite within the deposit.
4. It is further recommended that Zenyatta fund a graduate student research project to determine the nature of the depositional formation and the source of the carbon.

12.0 References

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Venn, V.R. (1965): Algoma Ore Properties Division, MNDM Assessment Report File T-338; Report on the Nagagami River Alkaline Ring Complexes, Hearst Area.

Venn, V.R. (1967): Algoma Ore Properties Division, MNDM Assessment Report File T-351; Report on the McGale Copper Prospect, Nagagami River Area.

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

I, **Andrew P. Dalby**, of 125 Pickwick Drive, Ottawa, Ontario K2J 3B5, do hereby certify that:

1. I hold a *Bachelor of Science Degree in Earth Sciences (1994)* from the University of Waterloo, Waterloo, ON

2. I hold a **Master of Science Degree in Earth Sciences (1997)** from Carleton University, Ottawa, ON

3. I hold a **Doctorate of Philosophy (Ph.D.) Degree in Earth Sciences (2002)** from Carleton University, Ottawa, ON

4. I am in the process of applying to be a member of the Association of Professional Geoscientists of Ontario (P.Geo. Applicant Number #10706)

5. I have practiced my profession in Ontario and in the Northwest Territories since 2007 and have been employed by various junior exploration companies

6. I am presently an employee of Zenyatta Ventures Ltd. based in Thunder Bay as a senior project geologist

7. I have supervised numerous projects similar to that represented by the Albany Project. I consider this report to be accurate in all respects

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

Date: March 30, 2012 at Thunder Bay, Ontario

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APPENDIX 1

DIAMOND DRILL LOG Z11-4F1

ZENYATTA - 2011 ALBANY PROJECT

SUMMARY LOG

Z11-4F1

EASTING	682500 (NAD 83, ZONE 16)
NORTHING	5545570 (NAD 83, ZONE 16)
ELEVATION	130
AZIMUTH	0
INCLINATION	-65
STARTED	September-11-11
ENDED	September-24-11
DRILLED BY	Foraco Canada
LOGGED BY	Andrew Dalby (R. Stewart ~400-543m)
ASSISTED BY	K. Genrich, S. Appel, J. Pinksen
TOWNSHIP	Pitopiko River
CLAIM #	4255105
STORAGE LOC	Pagwa Camp
TOTAL DEPTH	543.00 metres

DDH	FROM (m)	TO (m)	LITHOLOGY
Z11-4F1	0	31	OVERBURDEN
Z11-4F1	31	36	LOST CORE in CASING
Z11-4F1	36	41.64	LAMINATED LIMESTONE
Z11-4F1	41.64	48.56	LAMINATED LIMESTONE interbedded with BIOCLASTIC LIMESTONE
Z11-4F1	48.56	60.49	PALEOWEATHERED GRANITIC GNEISS
Z11-4F1	60.49	71.68	GRANITIC GNEISS
Z11-4F1	71.68	74.74	FAULT ZONE
Z11-4F1	74.74	79.78	SYENITE
Z11-4F1	79.78	89.71	GRAPHITIC BRECCIATED SYENITIC GNEISS
Z11-4F1	89.71	112.5	GRAPHITIC OVERPRINTED SYENITIC GNEISS
Z11-4F1	112.5	190.5	GRAPHITIC BRECCIATED SYENITIC GNEISS
Z11-4F1	190.5	253.19	SYENITE
Z11-4F1	253.19	272.28	GRAPHITIC BRECCIATED SYENITIC GNEISS
Z11-4F1	272.28	329.85	SYENITE
Z11-4F1	329.85	377.7	GRAPHITIC BRECCIATED SYENITIC GNEISS
Z11-4F1	377.7	399.94	SYENITE
Z11-4F1	399.94	441.6	GRAPHITIC BRECCIATED SYENITIC GNEISS
Z11-4F1	441.6	456.67	MAFIC DYKE
Z11-4F1	456.67	458.4	GRAPHITIC BRECCIATED SYENITIC GNEISS
Z11-4F1	458.4	467.3	SYENITE
Z11-4F1	467.3	487.8	GRAPHITIC BRECCIATED SYENITIC GNEISS
Z11-4F1	487.8	506	NEPHELINE SYENITE
Z11-4F1	506	522.54	GRAPHITIC BRECCIATED SYENITIC GNEISS
Z11-4F1	522.54	537.6	NEPHELINE SYENITE
Z11-4F1	537.6	543	GRANITIC GNEISS
Z11-4F1			END OF HOLE

ZENYATTA - 2011 ALBANY PROJECT

DETAILED LOG

DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	0	31	OVERBURDEN	
Z11-4F1	31	36	LOST CORE in CASING	Limestone bedrock reported by drillers. They were instructed to sink casing deeper than standard practice to avoid water loss. Not all rock recovered.
Z11-4F1	36	41.64	LAMINATED LIMESTONE	Non-magnetic light grey fine grained laminated limestone. Laminae about 1-2cm thick; bedding plane at 60-70 CAA. Lower contact sharp @CAA 65.
Z11-4F1	41.64	48.56	LAMINATED LIMESTONE interbedded with BIOCLASTIC LIMESTONE	Similar to 36.00 to 41.64m, but substantially darker (medium to dark grey) interbedded with medium to coarse grained shelly coquina/bioclastic limestone; bedding plane at 60-70 CAA. Most of the coquina is found below 45m as the coquina interbeds become dominant downcore; overall the ratio is 64% laminated limestone and 36% bioclastic limestone. No reefal material was observed. Lower contact with lateritic weathered granitic gneiss is brecciated over 4cm.
Z11-4F1	48.56	60.49	PALEOWEATHERED GRANITIC GNEISS	Based on the downcore unit, this is the grey paleoweathered surface of a granitic gneiss. This unit does not appear to have the carbonate veinlets of the following downcore unit, nor the foliation seen downcore. It is mainly composed of rounded to subangular 0.5-2.0mm quartz (~50%) with considerable chloritic clay and probable fine grained plagioclase or bleached potassium feldspar. It is very friable and breaks easily from 48.56 to 50.09m. This unit is saprolitically weathered down to 60.49 where the rock is chloritized and friable. A quartz-biotite grey gneiss section occurs from 60.03-60.23m and probably was a 20cm xenolith within the granite.
Z11-4F1	60.49	71.68	GRANITIC GNEISS	Non-magnetic, moderately to strongly foliated medium to coarse grained light pinkish grey to pinkish grey granitic gneiss. Compositionally, it is ~60-70% potassium feldspar and ~30% ~1-2 mm wide quartz with nil observed biotite. Potassic overprint along fractures with more than trace amounts of chlorite on fracture surfaces; bright green and green clays occur on thin (<1mm) fractures at 63.67m, 63.74m, 65.18m, 66.86m and 67.00 to 69.60m. Essentially nil sulfides overall, except where described in subunits. Trace submillimeter carbonate veinlets spaced every few cm at various orientations; may simply be groundwater remobilization from overlying limestones along basement fractures. Unit is moderately to strongly foliated @CAA 45-65. -61.70 to 61.75 fine grained aplite vein @CAA70 with 1-2% 1-2mm wide finely disseminated pyrite
Z11-4F1	71.68	74.74	FAULT ZONE	The upcore unit is the host rock of this fault. Due to 40% core loss, it was not possible to accurately determine fracture orientations, of which there were at least two, as the rock fragments were small (1-2cm wide on average). While drilling, this zone caused loss of water return which eventually returned due to the diligent use of muds.
Z11-4F1	74.74	79.78	SYENITE	Massive to fine grained syenite with 10% fine (1mm) black pyroxenes "peppered" evenly throughout. Syenite has the groundmass appearance of a diorite (white to light grey to green, fine grained, igneous groundmass), and the distinctive "peppering" of fine black pyroxenes and commonly has elevated magnetic susceptibility compared to the older graphitic breccia overprinting of the even older Archean granitic gneiss. Regional OGS mapping places the Quetico/Marmion terrane boundary (aka: Quetico Fault) in the vicinity of this drillhole. The graphitic breccias seen in this hole from 80m to at least 537.60m are consistent with being a locally dilatent section of a major structural zone.

ZENYATTA - 2011 ALBANY PROJECT

DETAILED LOG

DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	79.78	89.71	GRAPHITIC BRECCIATED SYENITIC GNEISS	Framework supported, >70% granitic gneiss clasts, 2mm to 2cm average, angular, non-magnetic, dark grey with pinkish potassium feldspar. The matrix (3-30%) is composed of fine black grains, some of which are graphite. At 80.91m is a 1cm nodule that may be ultramafic (Iherzolite) and there is a second bright green nodule (2cm) at 81.42-81.44m. Green, possibly ultramafic mantle nodules at margin of graphitic breccias seen at 80.91m and 81.43m. Trace to nil finely disseminated pyrite.
Z11-4F1	89.71	112.5	GRAPHITIC OVERPRINTED SYENITIC GNEISS	Non-magnetic dark grey granitic gneiss with a distinct graphitic overprint (trace to 1% overall) characterized by numerous submillimeter very dark grey highly conductive graphite rich veins. Moderately foliated @CAA 60-65. Feldspars are strongly overprinted with salmon pinkish-orange potassic alteration. There is trace conductive graphite in a few submillimeter veins, confirmed by the ohm meter. Trace finely disseminated pyrite overall; almost 0.5% disseminated and fracture-controlled pyrite (<3mm) from 107m to 108m. -91.60 to 91.79 possible pegmatite or granitic gneiss. Sharp contacts @CAA30 and @CAA45

ZENYATTA - 2011 ALBANY PROJECT

DETAILED LOG

DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	112.5	190.5	GRAPHITIC BRECCIATED SYENITIC GNEISS	<p>This section is similar to the graphitic brecciated syenitic gneiss from 79.83 to 89.71m but with more variation in graphitic matrix percentage, clast size, and alternating between framework and matrix supported. Generally, the unit is syenitic gneiss with overall graphitic matrix ranging from 3-30%. The matrix is fine, very dark grey to black, with visible graphite as a constituent, and very conductive. Locally the matrix exceeds 50% (ie: 113.30-113.65m). There were some sections which were weakly brecciated where a weak foliation could be determined (@CAA50-60). Trace finely disseminated and blebby pyrite on fracture surfaces. Lower contact a transition zone from ~180 to 190.50 with a decreasing brecciated fraction with decreasing observed graphite-rich material.</p> <p>-113.30 to 113.65m is similar to the larger clast matrix-supported breccia (~60% graphitic matrix overall) described from 144.75 to 165.21m.</p> <p>-122.49 to 124.63 Fault zone: strongly fractured down to 123.34, then weakly fractured below this. Primary fracture @CAA55-60 parallel to foliation, secondary fracturing @CAA5-15 against foliation. Trace to a few percent submillimeter to 4mm wide carbonate veinlets exist throughout the zone, as well as increasing in intensity above the fault, as well as tapering off below it. Host rock is weakly foliated @CAA50-60 and contains 3-10% graphitic material as in adjacent units.</p> <p>-124.63 to 146.45 Similar to 112.50 to 122.49m, but with very consistent clast size range and percent matrix. This is a matrix supported unit (40-70% matrix). The framework is as described upcore, but clasts are significantly larger ranging from a few mm up to 15cm, averaging 2-5cm. Several post-breccia dykes are also present as follows: 134.10-134.60m: aplite dyke with trace fine pyrite. Aphanitic, aphyric mafic dykelets at 139.15-139.28m (@CAA10) and 139.98-140.12m (@CAA20) are possible Matachewan diabases.</p> <p>-146.45 to 148.14 Mafic dyke: dark grey, fine-grained, non-conductive groundmass with <5% rimmed equant green olivine (2-4mm) phenocryst cores with 1-2mm black biotite or amphibole rims and <5% tabular leucite/sanidine phenocrysts (5mm) locally with bevelled terminations and/or Carlsbad interpenetration twinning and/or fine inclusions seen in zoned crystals growth boundaries locking down the long axis. Contacts @CAA20. Trace finely disseminated pyrite. Also occurring at: 166.90 to 167.65 and at 169.70 to 172.00</p> <p>-167.65 to 169.70 clast size ranges from 2-5cm down to a few mm wide and matrix ranges from ~55% up to 70-85%.</p> <p>-172.00 to 180.02 clast size ranges from 2-5cm down to a few mm wide and matrix ranges from ~55% up to 70-85%. From 179.62 to 180.02m, very large (8-12cm long) clasts (60-80%) in a framework supported breccia. Lower contact at 180.02m is sharp at 60CA. There are primary euhedral white leucite/sanidine phenocrysts (5mm) in the uniformly milled graphitic matrix suggesting the mafic dykes may have been coeval and post-dating some graphitic brecciation. (ie: phreatomagmatic brecciation).</p> <p>-180.02 to 183.00 Unbrecciated syenitic gneiss, non-mineralized.</p> <p>-183.00 to 190.50 Matrix to framework ratio (and conductivity) decreases abruptly between 183m and 185m due to a proportionate increase in the non-conductive juvenile mafic matrix; leucite/sanidine phenocrysts in the dark matrix are similar to those from 172 to 180.02m above.</p>

ZENYATTA - 2011 ALBANY PROJECT

DETAILED LOG

DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	190.5	253.19	SYENITE	<p>Non-magnetic fine to medium grained light grey to light pinkish grey syenite. From 180.02 down to 193.20, the section can be described as a trachyte, the volcanic equivalent of the syenite; this is a gradational change from the black groundmass of the previous unit to a chilled, light grey leucite or sanidine phyric trachyte that has an increasingly pink tint from 191.5m to 193.2m. These rapid variations are all typical for an intrusion margin such as seen below from 199 to 253.19m. Below 193.20, unit becomes a spotted syenite with numerous mafic dykes; fine grained (<1mm) with 10% fine biotite/amphibole overall. This portion has distinctive coarse (5mm) biotite clumps surrounded by 3-5mm pink potassic rims. No penetrative foliation. No flow foliation. No brecciation. Massive and uniform with essentially nil veining. -188 to 207m potassic-rich (overprinted?) zone, weakly altered at the top, gradually becoming strongly altered at faults from 191.50 to 192m and 195.56 to 195.80, then decreasing downcore to be barely detectable below 207m -191.50 to 192.00m Strongly fractured fault zone with associated submillimeter carbonate veinlets up and downcore at various orientations; due to the strongly fractured nature, fracture orientations with respect to CAA could not be accurately determined. -193.20 to 193.95 Mafic dyke. Generally typical of the dykes in this hole with the following features. Groundmass is medium grey and aphanitic. Green olivine phenocrysts (5%, 3mm) have black amphibole rims. Orange feldspathoid (5%) phenocrysts are up to 1cm by 3cm but show no flow orientation. Dyke shows no brecciation. Possible chill margin from 193.85 to about 199m has rare olivine and feldspar/feldspathoid phenocrysts in a medium grey, aphanitic groundmass.</p> <p>Contact at 193.2m is sharp at 45CA. Contact at 193.85m is sharp at 10CA. -195.56 to 195.80m strongly fractured fault zone with associated submillimeter carbonate veinlets up and downcore at various orientations. Due to the strongly fractured nature, fracture orientations with respect to CAA could not be accurately determined. -219.63-219.74 Green mafic dyke with sharp contacts @CAA80 containing microlites.</p> <p>-219.95-220.31 Black aphyric, aphanitic mafic dyke without chill margins but has sharp contacts @CAA70.</p> <p>-244.71-248.25 Very fine grained mafic dyke with microlites and 1% feldspar phenocrysts (1-2mm) in contact margins plus from 246.5 to 248.25m there are three xenoliths (30%) of the host syenite. (The significance to this microlitic mafic dyke observation may be that it is Phanerozoic).</p>

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DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	253.19	272.28	GRAPHITIC BRECCIATED SYENITIC GNEISS	Mainly a graphitic brecciated syenitic gneiss alternating with unbrecciated but graphitic overprinted sections of syenitic gneiss. Rounded/milled medium grained (<10mm) granitic gneiss clasts (<30cm) in black matrices. From 253.19 to 263.8m, the matrix is an olivine-feldspar porphyritic lamprophyre with an aphanitic to very fine grained groundmass that may also be comagmatic to the adjacent nepheline syenite unit from 272.28-329.85m. Non-conductive lamprophyric matrix to the breccia occurs at 253.19-253.26m, 253.35-253.45m, 253.49-253.60m, 253.63-253.90m, 254.0-254.24m, 254.64-254.81m, 255.29-255.47m, 255.74-255.75m, 256.0-256.06m, 256.20-256.29m, 256.36-256.40m, 256.50-256.58m, 256.58-256.88m, (50% 4-6cm patches of gneiss and dyke), 257.40-258.06m, 258.51-259.06m, includes later mafic dykes (dark green, chilled margins, trace pyrite) at 60-90CA at 258.74-258.78m and 259.06-259.12m (light green, chilled margins); 259.52-260.42m, 262.28-262.31m, 260.40-262.93m, 263.2-263.8m with a dark green, fine grained mafic dyke at 263.56-263.71m and a moderate pervasive epidotization patch from 263.71-263.8m adjacent the dyke. Non-porphyritic black matrix with locally conductive graphite patches occur from 263.8-272.28m. It has more angular and smaller (1mm-20cm) clasts (50%) than igneous matrix breccia. From 268.5 to 272.28m there is mostly granitic gneiss blocks with milled black matrix breccia sections at 269.16-269.18m, 269.96-270.15m and 271.3-271.73m. Dykelets of orange potassic, fine grained aplite with 5% biotite and trace disseminated pyrite and pyrrhotite occur at 264.41-264.45m (70CA) and 266.49-266.53m (50CA). A moderate pervasive epidotization patch from 263.71-263.8m adjacent the dyke. At 257.4-257.61m: pink potassic alteration of granitic gneiss block with trace (0.1%) fine disseminated pyrite within the dyke breccia groundmass. Essentially nil to very trace pyrite overall. Exceptions are: At 257.4-257.61m: pink potassic alteration of granitic gneiss block with trace (0.1%) fine disseminated pyrite within the dyke breccia groundmass. Mafic dykes at 258.74-258.78m and 259.06-259.12m with trace pyrite. Dykelets of orange potassic, fine grained aplite with 5% biotite and trace disseminated pyrite and pyrrhotite occur at 264.41-264.45m (70CA) and 266.49-266.53m (50CA)
Z11-4F1	272.28	329.85	SYENITE	light green-grey, fine grained (1-3mm), massive, uniform intrusion with 1-5% fine 9<1mm) black pyroxene peppered on the the equigranular groundmass. Nepheline syenite composition to be checked with wholerock geochemical analysis as the initially logged lithology was diorite. MAFIC DYKES occur at: 273.05 to 273.75m, olivine porphyritic mafic dyke with contacts at 70CA. Medium green-black olivine (5%, 1-4mm) with 1-2mm black amphibole rims and rare (one) 5mm leucite or sanidine phenocryst in a very fine grained groundmass. Similar mafic dykes occur at 287.96-287.97m, 288.03-288.06m, 288.15-288.25m, 288.51-288.52m, 288.58-289.36m, 327.63-327.74m (35CA and 70CA chilled contacts), 327.83-327.97m (70CA and 45CA chilled contacts), 328.60-328.64m (50CA and 85CA chilled contacts). A light brown dyke (60CA) from 322.7m to 322.95m has leucite or sanidine phenocrysts. At 324.06m is a 1cm feldspathoid-rich magmatic layer within the intrusion that contains several 1-3mm pyrrhotite grains. This unit ends with a contact zone from 325.12m to 329.85m that includes xenoliths of gneissic granite from 325.12-326.4m, 327.33-327.63m, 327.74-327.83m, 327.97-328.60m, 328.64-328.97m.

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DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	329.85	377.7	GRAPHITIC BRECCIATED SYENITIC GNEISS	Grey Syenitic gneiss clasts (70%) in black conductive graphitic matrix (30% overall matrix) with the graphite being estimated at <5% of the overall matrix (ie: <1.5% graphite overall). Post-brecciation nepheline syenite dykes (light grey to green with 5% pyroxenes peppered throughout) occur at 335.54-335.95m and 338.32-341.6m (85CA). Post-brecciation aplite dykelets containing trace pyrite (pink, fine grained (1mm)) occur at 65CA to 90CA at: 343.71-343.81m, 344.06-344.10m, 344.43-344.45m, 372.35-372.37m (90CA), 373.92-373.94m and at 373.51-373.77m a dykelet with 1% pyrite and weak pink potassic alteration (1% feldspathoid phenocrysts; 1mm*5mm). At 355.0 to 357.76m is a light green mafic dyke at 70CA. large inclusions of granitic gneiss in the breccia occur from 357.76 to 359.16m and from 359.53m to 360.19m. A very fine grained mafic dyke with 1% feldspathoidal phenocrysts (1mm*4mm) from 361.54m to 362.1m has <1cm chilled margins, 70CA). From 377.17m to 377.40m is a black, biotite (1mm) lamprophyre dyke that is non-conductive. At 376.0-377.17m is weak pervasive and fracture-controlled pink potassic flooding adjacent the intrusion from 377.7 to 399.94m but there is no increased pyrite content which is essentially nil to trace very very fine grained rare pyrite specks. At 338.6 to 339m is pink, weak pervasive potassic flooding with trace pyrite overall and as pink (2mm) rims to 1% 5mm black biotite clusters as spots. At 373.51-373.77m, an aplite dykelet has weak pink potassic alteration and 1% pyrite. Post-brecciation aplite dykelets contain trace pyrite at 343.71-343.81m, 344.06-344.10m, 344.43-344.45m, 372.35-372.37m (90CA), 373.92-373.94m. An aplite dykelet at 373.51-373.77m has 1% pyrite in weak pink potassic alteration. At 376.0-377.17m is very very fine grained rare pyrite specks.
Z11-4F1	377.7	399.94	SYENITE	10%-15% fine black pyroxene peppered throughout a massive uniform overall layered syenitic intrusion. Minor primary, flat-lying, igneous layers at 60CA observed overall (eg: 393.57m). A black chilled margin occurs from 377.70 to 377.83m at 65CA. There are pink feldspathoidal sweat-outs with biotite (5mm) at 381.59-381.61m, 382.08-382.14m, 382.51-382.59m, 383.3-383.4m, 383.66-383.79m, 384.35-384.89m. The intrusion is cut by a late, fine grained mafic dykelet with 1% feldspathoidal lath phenocrysts (1mm * 4mm) at 385.23m to 385.28m. A black chilled margin occurs from 377.70 to 377.83m at 65CA. Minor primary, flat-lying, igneous layers at 60CA observed overall (eg: 393.57m). From 380.2-390m: weak pervasive pink potassic alteration tint to intrusion includes trace to 0.2% fine disseminated pyrite overall. A section from 381m to 382m has moderate to strong fracture controlled pink potassic alteration. From 380.2-390m: weak pervasive pink potassic alteration tint to intrusion includes trace to 0.2% fine disseminated pyrite overall.

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DETAILED LOG

DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	399.94	441.6	GRAPHITIC BRECCIATED SYENITIC GNEISS	<p>Black fractured granitic gneiss with black matrix graphitic brecciation at 400.48-400.68m, 400.98-401.17m, 401.72-401.78m, 401.95-402.3m, 402.5-403.05m, 404.15-405.2m, 405.32-405.37m, 405.7-405.78m, 406.1-406.15m, 406.25-406.38m. A late aplite dyke at 404.35-404.4m is post brecciation. Graphitic breccia sections are 36% of this syenitic gneiss unit. Trace pyrite observed at 402.57m and 402.88m in graphitic breccia matrix.</p> <p>-407.50 to 411.58 A uniform, green, fine grained nepheline syenite intrusion from 408.2 to 411.17m has chilled margins and contact zones as follows: 407.50-407.58m = a black chilled margin then from 407.58 to 407.70m is a xenolith of granitic gneiss then a black contact zone with 1cm wide irregular and wormy margined green siliceous veins from 407.7m to 408.2m. The lower contact has a chilled margin from 411.17m to 411.42m then fine grained nepheline syenite from 411.42-411.58m. Chilled margins and contact zones from 407.5m-408.2m and 411.11m to 411.58m. Odd textured veins from 407.7 to 408.2m. -411.58 to 441.60 Syenitic gneiss fractured and cut by graphitic brecciation. A light green mafic dyke post-dating brecciation occurs from 425.50m to 426.35m. Post brecciation lamprophyre dykes with olivine (5%) and leucite/sanidine (5%) occur at 431.45-432.00m and 432.70-434.15m. Black, fine grained biotite lamprophyres with either 2% (<1mm) biotite or biotitic margins occur at 414.70-414.80m(margins), 422.57-422.80m and 436.10-436.21m. Chilled margins in late dykes. The largest unbrecciated section of granitic gneiss is from 437.4m to 440.83m where it is massive, uniform, has a weak gneissic fabric, and has trace pink alteration about some fractures. There is a graphitic breccia contact zone from 440.83-441.6m.</p>
Z11-4F1	441.6	456.67	MAFIC DYKE	<p>Medium grey and aphanitic with green olivine phenocrysts (5%, 3mm) having black amphibole rims. Lower contact margin with 5% zoned, grey core and white-rimmed 1cm leucite/sanidine euhedral phenocrysts commonly with Carlsbad twinning and 3% 5mm green olivine-cored phenocrysts almost completely converted to black amphibole rims (>2mm thick) in a magnetic, massive, uniform, medium grey hypabyssal igneous groundmass of possibly ultramafic composition. Very fresh-looking. No quartz. Leucite/sanidine phenocrysts are restricted to intrusion margins and olivine occurs throughout the unit. Black amphibole rims about green olivine. Unit is very "fresh looking".</p>
Z11-4F1	456.67	458.4	GRAPHITIC BRECCIATED SYENITIC GNEISS	<p>Light grey xenoliths with dark grey, localized conductive graphitic pneumatolitic breccia veins (456.77-457.0m, 457.47-457.70m, 458.1-458.18m) that are associated with the above intrusive phase from 441.6 to 456.67m. The contact zone is principally (90%) the granitic gneiss/granophyre from the unit below that has been brecciated and occurs as xenoliths in the chilled margin of the lamprophyre. No penetrative foliation. No flow foliation. Brecciation is pneumatolitic in producing angular clasts from in situ brecciation and it is phreatomatomagmatic as there is juvenile lamprophyric matter in the matrix. There is enough graphite locally in the brecciated matrix to be conductive but the overall graphite content is trace. Interpreted contact relationships place the granophyre/granitic gneiss in the unit below as being older than its adjacent lamprophyre from the unit above which would make the graphitic phreatomagmatic brecciation coeval with this lamprophyre.</p>

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DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	458.4	467.3	SYENITE	<p>The top of the unit (down to 466.20m) is granitic looking but it is not clear if the lack of well developed gneissosity was lost during contact metamorphism; two nephelinite layers of medium grey, coarse grained (1cm), tightly packed nepheline (?) with leucite/sanidine (?) in marginal zones occur at 459.3-459.6m and 460.66-461.4m. Multiple layers as follows: 458.3-459.3m: granophyre with almost nil pyrrhotite (<0.001% po) as rare specks (<1mm). 459.3-459.6m: nephelinite (initially considered anorthosite) with nil sulfides and trace leucoxene at lower contact. 459.6-460.66m: nepheline syenite, medium grey-green, very fine grained, 10% black 1mm pyroxenes peppered throughout with 0.5% uniformly disseminated very fine grained pyrrhotite (<0.5mm). 460.66-461.4m: nephelinite, several 1mm pyrrhotite grains at 461.1m and a few isolated very fine pyrrhotite disseminations. 461.4-462.3m: nepheline syenite, fine grained, medium grey-green, 10% black peppered pyroxene, <0.01% very fine pyrrhotite disseminations and along fractures. 462.3-464.6m: nepheline syenite, black, 20% black peppered pyroxene layers (<15cm, 50% overall, 60CA) and medium grey-green nepheline syenite layers (<15cm, 50% overall, 60CA) with essentially nil sulfides (a hairline pyrrhotite fracture at 464.2m). 464.6-466.2m: nepheline syenite, medium grey green, 10% peppered pyroxenes, essentially nil sulfides. 466.2-467.3m: nephelinite, light grey, 90% nepheline laths 1-5mm aligned to magmatic layering at 65CA with 0.5% finely disseminated interstitial pyrrhotite overall. Essentially nil sulfides overall with the following exceptions: 458.3-459.3m: granophyre with pyrrhotite (<0.001% po) as rare specks (<1mm). 459.6-460.66m: nepheline syenite with 0.5% uniformly disseminated very fine grained pyrrhotite (<0.5mm). 460.66-461.4m: nephelinite, several 1mm pyrrhotite grains at 461.1m and a few isolated very fine pyrrhotite disseminations. 461.4-462.3m: nepheline syenite, <0.01% very fine pyrrhotite disseminations and along fractures. 462.3-464.6m: nepheline syenite, with a hairline pyrrhotite fracture at 464.2m. 466.2-467.3m: nephelinite with 0.5% finely disseminated interstitial pyrrhotite overall.</p>

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DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	467.3	487.8	GRAPHITIC BRECCIATED SYENITIC GNEISS	From 467.3-472.8m: in situ to locally brecciated nepheline syenite (<1cm angular clasts), black, aphanitic to very fine grained matrix with locally conductive, trace graphite overall from a 5-10% matrix overall. Crossed by 2-20mm pink tinted, post-breccia granophyric (medium grained) veins every 0.5m, About 0.5% pyrrhotite overall as fine disseminations (<1mm), in hairline veinlets and as a 3mm droplet at 468.9m. A few pyrite grains also present overall. Trace graphite overall as a component in locally conductive breccia matrix (5-10% matrix). About 0.5% pyrrhotite overall as fine disseminations (<1mm), in hairline veinlets and as a 3mm droplet at 468.9m. A few pyrite grains also present overall. From 474.65 to 478.00 breccia contains relict nepheline limited to black fractured white nepheline or leucite/sanidine rhombs up to 1cm long (476.9m) in a black, generally conductive, graphitic aphanitic matrix with rare coarse angular pyrrhotite grains noted at 477.13m (2mm by 15mm) and 477.47m (10mm). Black graphitic matrix breccia with post-breccia, pink (3mm to 30mm thick) granophyric veins every 0.5m. Brecciation as fractures continues in next unit to 478.7m. At 476.33m is a 1cm thick network vein of graphite (30%) wrapped around crystals. Trace pyrrhotite overall (0.1% po, <1mm specks) and as coarse angular pyrrhotite grains at 477.13m (2mm by 15mm) 477.47m (10mm). From 480.90 to 487.80, the unit is a phreatomagmatic breccia that has 40% sections of aphanitic mafic black matrix and about 60% angular clasts. The margin from 480.9 to 481.7m has 10 to 18cm xenoliths of the adjacent nepheline syenite and basement gneiss in a black chill margin. About 40% of the sections of black breccia matrix is conductive but only locally (40%) where there are graphite slips or a graphite network vein (30% graphite) as at 487.7 to 487.8m along a narrow fault. Overall estimated graphite in black matrix is 40% so the overall estimated graphite component is 5% (40% * 40% * 40%). From 481.9 to 485.2m is a fine grained mafic dyke with trace olivine and leucite/sanidine phenocrysts associated with pyrrhotite and arsenopyrite mineralization. From 482 to 485m, are pink-tinted, feldspathoidal dykelets in a plexus of multiple orientations. From 481.9 to 485.2m is a fine grained mafic dyke with trace olivine and feldspar phenocrysts associated with pyrrhotite and arsenopyrite mineralization. A 15mm by 20mm angular pyrrhotite at 483.76m and a 4mm by 10mm angular pyrrhotite at 484.87m are related to the trace (0.1%) overall very fine grained pyrrhotite disseminations and broken hairline veinlets in the groundmass. From 482 to 485m, are pink-tinted, feldspathic dykelets with axial pyrite. Whiter pyrite or arsenopyrite occur at 482.15m and 483.55m. -472.80 to 474.65 Nepheline syenite (no graphitic overprint observed): 6mm grey, equant, nepheline (>90%) tightly packed with trace <0.1% very fine pyrrhotite disseminations overall. 10% peppered pyroxenes (1mm) in a fine grained groundmass. 473.75-473.9m: trace pyrrhotite overall as very fine disseminations (0.1% po) and as 1mm pyrrhotite grains in two 1-3cm veinlets. Trace <0.1% very fine pyrrhotite disseminations overall. -478.00 to 480.90 Nepheline syenite (no graphitic overprint observed): Medium to coarse grained (<1cm) nepheline with local crushing and black, mainly non-conductive fractures to 478.7m. Trace (<0.1%) very fine disseminated pyrrhotite. 10% peppered pyroxenes (1mm) in a fine grained groundmass. Essentially nil sulfide overall except for three pyrrhotite droplets (2mm) at 479.92m. Local crushing and black, mainly non-conductive fractures to 478.7m. Trace (<0.1%) very fine disseminated pyrrhotite; three pyrrhotite droplets (2mm) at 479.92m.
Z11-4F1	487.8	506	NEPHELINE SYENITE	massive, uniform, light pink-grey, fine grained (<1mm) nepheline syenite with 15% fine (1mm) black pyroxenes "peppered" evenly throughout and a few larger (<4mm) nepheline phenocrysts throughout (eg 487.7-488.6m). No black graphitic brecciation. At 492.67 to 493.06m is a medium green-grey mafic dyke with sharp chilled contacts at 45CA (492.67m) and 70CA (493.06m). Dyke contains an angular (3mm*6mm) pyrrhotite clot 2cm from uphole contact (at 492.69m) and a discontinuous pyrrhotite seam/veinlet (1mm by 25mm) along the contact (492.67m). At 500.0 to 501.07m is a medium green mafic dyke with sharp contacts at 85CA (500m) and 75CA (501.07m). Nil sulfides in this dyke. Dyke is similar to adjacent nepheline syenite but matrix is medium green with 15% 0.5mm pyroxenes. Essentially nil sulfide overall. Dyke contains an angular (3mm*6mm) pyrrhotite clot, 2cm from uphole contact (at 492.69m) and a discontinuous pyrrhotite seam/veinlet (1mm by 25mm) along the contact (492.67m).

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DDH ID	FROM (m)	TO (m)	LITHOLOGY	LITHOLOGY DESCRIPTION
Z11-4F1	506	522.54	GRAPHITIC BRECCIATED SYENITIC GNEISS	About 60% graphitic, matrix-supported to in situ breccia (70% 1mm to 20mm angular clasts in a 30% black conductive matrix. About 40% of the in situ breccia is clasts are larger than the BQ core diameter). The shattered rock is uniform, massive, medium to coarse grained (<1cm) nephelinite without the black (1mm) pyroxene peppering. A few pink potassic veins occur from 507.7m to 520.0m with trace pyrite associated as rare, isolated, 2mm grains about 2 to 3 grains per meter concentration. Essentially nil sulfide overall with the most notable exception being from 514.0 to 514.25m where the 30% black graphitic matrix is 5% pyrite in almost filled vugs (up to 5mm by 20mm). About 1.5% pyrite overall within this short interval that includes a well rounded lithic clast (4cm). Nepheline syenite units at 487.8 to 506m and from 522.54 to 525.3m are post-breccia intrusions.
Z11-4F1	522.54	537.6	NEPHELINE SYENITE	Massive, uniform, nepheline syenite with 15% black 1mm pyroxenes peppered throughout section from 522.54 to 525.1m. then is gradational to a distinctive xenolithic section from 524.75 to 537.60m with 1-4cm rounded, black, fine grained xenoliths (Noril'sk taxite). A section from 525.9 to 527.2m has almost no xenoliths and a medium grained diabasic texture. A subsection from 535.1 to 537.6m of leucocratic groundmass to large (<60cm) xenoliths/autoliths. The black xenoliths are moderately rounded with distinct edges. The more xenoliths present, the less black pyroxene peppering. Sharp upper contact (522.54m; 65CA) with breccia and partial alignment of feldspar microlites (65CA) near 526m suggests a subhorizontal magmatic cumulate layering. Lower contact at 537.6m is sharp with the gneiss. Essentially nil sulfide overall. A 3mm by 10mm pyrrhotite at 523.05m and a hairline (<1mm) pyrrhotite veinlet (527.27 to 527.47m, 10CA) are rare examples of sulfides in this unit.
Z11-4F1	537.6	543	GRANITIC GNEISS	Light to medium grey, coarse grained quartz-feldspar-biotite gneiss with pink tints locally(5mm) about fractures. Gneissic layering at 60CA. Essentially nil sulfides overall but there are bright pyrite veneers on fractures at 540.33m (40CA), 541.96m (45CA) and 542.10m (40CA)
Z11-4F1				END OF HOLE

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600335	49.00	50.00	1.00	paleoweathered granitic gneiss				0.14	6.87	8.9	610	1.21
Z114F1	J600336	50.00	51.00	1.00	paleoweathered granitic gneiss				0.06	6.73	3.1	670	1.65
Z114F1	J600337	51.00	52.00	1.00	paleoweathered granitic gneiss				0.05	6.8	1.3	700	2.01
Z114F1	J600338	52.00	53.00	1.00	paleoweathered granitic gneiss				0.05	6.68	0.2	650	1.94
Z114F1	J600339	53.00	54.00	1.00	paleoweathered granitic gneiss				0.06	6.59	0.9	610	2.12
Z114F1	J600340	54.00	54.00	0.00	Control: J601133 Pulp				2.55	7.68	24.8	470	0.58
Z114F1	J600341	54.00	55.00	1.00	paleoweathered granitic gneiss				0.18	6.56	1.4	850	1.93
Z114F1	J600342	55.00	56.00	1.00	paleoweathered granitic gneiss				0.06	6.89	0.7	840	2.36
Z114F1	J600343	56.00	57.00	1.00	paleoweathered granitic gneiss				0.05	6.66	1.4	870	2.16
Z114F1	J600344	57.00	58.00	1.00	paleoweathered granitic gneiss				0.05	8.17	2	1010	2.94
Z114F1	J600345	58.00	59.00	1.00	paleoweathered granitic gneiss				0.09	6.57	1.8	770	2.18
Z114F1	J600346	59.00	60.00	1.00	paleoweathered granitic gneiss				0.06	7.19	1.3	640	3.01
Z114F1	J600347	60.00	61.00	1.00	paleoweathered granitic gneiss				0.07	6.85	2.5	660	2.71
Z114F1	J600348	61.00	62.00	1.00	granitic gneiss				0.07	6.54	2.8	800	2.2
Z114F1	J600361	62.00	63.00	1.00	granitic gneiss				<0.01	6.41	1.4	810	1.35
Z114F1	J600362	63.00	65.00	2.00	granitic gneiss				<0.01	6.51	1.3	830	1.49
Z114F1	J600363	65.00	67.00	2.00	granitic gneiss				<0.01	6.33	2.1	740	3.04
Z114F1	J600364	67.00	69.00	2.00	granitic gneiss				<0.01	6.53	1.4	840	1.85
Z114F1	J600365	69.00	71.00	2.00	granitic gneiss				<0.01	6.53	1.7	810	1.98
Z114F1	J600017	71.00	71.68	0.68	granitic gneiss				0.1	6.81	1.5	910	1.71
Z114F1	J600018	71.68	72.70	1.02	granitic gneiss				0.08	6.73	2.4	950	1.92
Z114F1	J600019	72.70	73.70	1.00	granitic gneiss				0.06	6.85	4.6	660	2.2
Z114F1	J600020	73.70	74.74	1.04	granitic gneiss				0.06	6.69	4.1	460	1.23
Z114F1	J600021	74.74	75.78	1.04	granitic gneiss				0.14	6.39	9.8	500	4.15
Z114F1	J600022	75.78	76.78	1.00	granitic gneiss				0.07	6.68	3.4	720	3.62
Z114F1	J600023	76.78	77.78	1.00	granitic gneiss/nepheline syenite				0.36	7.65	8.8	500	4.47
Z114F1	J600024	77.78	78.78	1.00	nepheline syenite				0.42	7.8	4.4	70	6.34
Z114F1	J600025	78.78	79.78	1.00	nepheline syenite	0.004	<0.005	<0.001	0.41	7.86	3.3	60	5.24
Z114F1	J600026	79.78	81.00	1.22	nepheline syenite/graphitic bx'd granitic gneiss	<0.001	<0.005	0.001	0.05	6.84	2.3	810	2.56

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600027	81.00	82.00	1.00	graphitic brecciated (bx'd) granitic gneiss	0.001	0.010	<0.001	0.07	6.41	1.6	760	2.55
Z114F1	J600028	82.00	83.00	1.00	graphitic bx'd granitic gneiss	<0.001	0.006	<0.001	0.01	6.31	0.7	620	1.63
Z114F1	J600029	83.00	84.00	1.00	graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.02	5.69	1.3	630	1.97
Z114F1	J600030	84.00	85.00	1.00	graphitic bx'd granitic gneiss	<0.001	0.006	<0.001	0.02	6.35	1.1	560	2.54
Z114F1	J600031	85.00	86.00	1.00	graphitic bx'd granitic gneiss	<0.001	0.018	<0.001	0.05	6.49	2.1	690	2.96
Z114F1	J600032	86.00	87.00	1.00	graphitic bx'd granitic gneiss				0.06	6.76	2.2	610	1.56
Z114F1	J600033	87.00	88.00	1.00	graphitic bx'd granitic gneiss				0.13	6.42	1.8	700	1.08
Z114F1	J600034	88.00	89.00	1.00	graphitic bx'd granitic gneiss				0.09	6.48	2.1	670	1.72
Z114F1	J600035	89.00	89.71	0.71	graphitic bx'd granitic gneiss				0.08	6.4	2.7	700	2.14
Z114F1	J600036	89.71	90.71	1.00	granitic gneiss				0.05	6.54	2.6	760	1.55
Z114F1	J600037	90.71	91.79	1.08	granitic gneiss				0.08	6.48	2.6	740	2.28
Z114F1	J600038	91.79	92.79	1.00	granitic gneiss				0.11	6.58	0.2	790	1.63
Z114F1	J600349	92.79	94.00	1.21	granitic gneiss				0.13	6.66	2.8	770	1.4
Z114F1	J600350	94.00	96.00	2.00	granitic gneiss				0.11	6.87	3.2	750	1.49
Z114F1	J600351	96.00	98.00	2.00	granitic gneiss with trace disseminated pyrite				0.11	6.69	2.4	740	1.41
Z114F1	J600352	98.00	100.00	2.00	granitic gneiss with trace disseminated pyrite				0.08	6.59	2.5	650	1.3
Z114F1	J600353	100.00	102.00	2.00	granitic gneiss with trace disseminated pyrite				0.04	6.61	1.9	670	1.7
Z114F1	J600354	102.00	104.00	2.00	granitic gneiss				0.03	6.98	2.5	720	2.11
Z114F1	J600355	104.00	106.00	2.00	granitic gneiss				0.02	6.86	2.5	710	1.71
Z114F1	J600356	106.00	108.00	2.00	granitic gneiss with 0.5% pyrite between 107 & 108m				0.07	6.7	3.6	690	1.43
Z114F1	J600357	108.00	110.00	2.00	granitic gneiss				0.07	6.55	2.9	700	1.26
Z114F1	J600358	110.00	111.50	1.50	granitic gneiss				0.06	6.61	2.1	710	1.27
Z114F1	J600359	111.50	112.50	1.00	granitic gneiss				<0.01	6.39	2	690	1.17
Z114F1	J600039	112.50	113.25	0.75	graphitic bx'd granitic gneiss				0.07	6.35	1.7	690	1.3
Z114F1	J600360	112.50	112.50	0.00	Control: J601133 Raw/Reject				1.51	6.19	17.4	430	0.42
Z114F1	J600040	113.25	114.00	0.75	graphitic bx'd granitic gneiss				0.06	6.09	1.8	700	1.41
Z114F1	J600041	114.00	115.00	1.00	graphitic bx'd granitic gneiss				0.15	6.74	3.8	660	1.97
Z114F1	J600042	115.00	116.00	1.00	graphitic bx'd granitic gneiss				0.15	6.72	3.2	820	1.84
Z114F1	J600043	116.00	117.00	1.00	graphitic bx'd granitic gneiss				0.11	6.73	3.4	690	2.14

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600044	117.00	118.00	1.00	graphitic bx'd granitic gneiss				0.13	7.03	3.1	440	1.55
Z114F1	J600045	118.00	119.00	1.00	graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.06	6.56	1.5	650	1.42
Z114F1	J600046	119.00	120.00	1.00	graphitic bx'd granitic gneiss	<0.001	<0.005	0.001	0.08	6.72	2.7	820	1.59
Z114F1	J600047	120.00	121.00	1.00	graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.07	6.26	5.4	530	2.28
Z114F1	J600048	121.00	121.75	0.75	graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.06	6.27	2.3	740	1.33
Z114F1	J600049	121.75	122.50	0.75	graphitic bx'd granitic gneiss	<0.001	<0.005	0.001	0.07	6.1	2.2	550	1.76
Z114F1	J600050	122.50	123.50	1.00	graphitic bx'd granitic gneiss and fractured zone	<0.001	<0.005	<0.001	0.09	6.07	3	590	3.04
Z114F1	J600051	123.50	124.25	0.75	graphitic bx'd granitic gneiss and fractured zone	0.001	<0.005	<0.001	0.08	5.99	2.8	480	3.14
Z114F1	J600052	124.25	125.00	0.75	graphitic bx'd granitic gneiss and fractured zone				0.06	6.12	2.1	500	2.05
Z114F1	J600053	125.00	126.00	1.00	graphitic bx'd granitic gneiss				0.08	6.74	2.9	600	2.61
Z114F1	J600054	126.00	127.00	1.00	graphitic bx'd granitic gneiss				0.05	6.14	1.3	450	3.68
Z114F1	J600055	127.00	128.00	1.00	graphitic bx'd granitic gneiss				0.04	6.32	3.5	530	1.91
Z114F1	J600056	128.00	129.00	1.00	graphitic bx'd granitic gneiss				0.1	6.5	4.7	690	1.79
Z114F1	J600057	129.00	130.09	1.09	graphitic bx'd granitic gneiss				0.08	6.43	3.5	620	1.71
Z114F1	J600058	130.09	130.90	0.81	graphitic bx'd granitic gneiss				0.1	6.69	6.4	410	5.99
Z114F1	J600059	130.90	132.00	1.10	graphitic bx'd granitic gneiss				0.07	6.32	3.3	680	1.82
Z114F1	J600060	132.00	133.00	1.00	graphitic bx'd granitic gneiss				0.07	6.22	2.3	580	2.03
Z114F1	J600061	133.00	134.00	1.00	graphitic bx'd granitic gneiss				0.07	6.25	2.1	660	2.36
Z114F1	J600062	134.00	134.70	0.70	graphitic bx'd granitic gneiss				0.17	6.59	5.9	340	6.12
Z114F1	J600063	134.70	135.80	1.10	graphitic bx'd granitic gneiss				0.09	6.18	2.8	610	1.77
Z114F1	J600064	135.80	136.90	1.10	graphitic bx'd granitic gneiss				0.09	6.34	8.7	670	3.02
Z114F1	J600065	136.90	138.00	1.10	graphitic bx'd granitic gneiss				0.16	5.77	21.1	670	2.54
Z114F1	J600066	138.00	139.00	1.00	graphitic bx'd granitic gneiss				0.67	5.92	17.2	550	3.21
Z114F1	J600067	139.00	140.00	1.00	graphitic bx'd granitic gneiss				0.16	6.44	3.3	630	2.29
Z114F1	J600068	140.00	141.00	1.00	graphitic bx'd granitic gneiss				0.2	6.21	3	640	1.93
Z114F1	J600069	141.00	142.00	1.00	graphitic bx'd granitic gneiss				0.17	6.04	3	620	2.18
Z114F1	J600070	142.00	143.00	1.00	graphitic bx'd granitic gneiss				0.11	6.18	2.8	550	1.63

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600071	143.00	144.00	1.00	graphitic bx'd granitic gneiss				0.07	6.14	2.5	610	1.06
Z114F1	J600072	144.00	144.75	0.75	graphitic bx'd granitic gneiss				0.08	6.2	3.8	590	1.1
Z114F1	J600073	144.75	146.00	1.25	graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.11	5.96	8.6	600	2.8
Z114F1	J600074	146.00	147.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	0.010	<0.005	<0.001	0.11	7.94	13.6	1310	5.17
Z114F1	J600075	147.00	148.00	1.00	mafic dyke	0.002	<0.005	0.001	0.12	7.94	6.4	1250	4.27
Z114F1	J600076	148.00	149.00	1.00	mafic dyke/graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.07	6.41	1.9	680	2.52
Z114F1	J600077	149.00	150.00	1.00	graphitic bx'd granitic gneiss	0.005	0.007	<0.001	0.07	6.29	1.8	610	2.13
Z114F1	J600078	150.00	151.00	1.00	graphitic bx'd granitic gneiss	0.002	<0.005	0.002	0.05	6.04	2.6	550	1.8
Z114F1	J600079	151.00	152.00	1.00	graphitic bx'd granitic gneiss	<0.001	0.006	<0.001	0.04	6.4	3.4	600	1.98
Z114F1	J600080	152.00	153.00	1.00	graphitic bx'd granitic gneiss				0.12	7.04	11.4	570	2.44
Z114F1	J600081	153.00	154.00	1.00	graphitic bx'd granitic gneiss				0.17	6.92	2	540	2.33
Z114F1	J600082	154.00	155.00	1.00	graphitic bx'd granitic gneiss				0.09	6.4	7.5	600	2.53
Z114F1	J600083	155.00	156.00	1.00	graphitic bx'd granitic gneiss				0.06	6.59	3.3	630	2.18
Z114F1	J600084	156.00	157.00	1.00	graphitic bx'd granitic gneiss				0.06	6.69	1.8	590	2.59
Z114F1	J600085	157.00	158.00	1.00	graphitic bx'd granitic gneiss				0.04	6.54	1.1	550	1.85
Z114F1	J600086	158.00	159.00	1.00	graphitic bx'd granitic gneiss				0.08	6.71	2.4	590	2.19
Z114F1	J600087	159.00	160.00	1.00	graphitic bx'd granitic gneiss				0.05	6.49	1.3	560	1.99
Z114F1	J600088	160.00	161.00	1.00	graphitic bx'd granitic gneiss				0.06	6.17	0.9	420	1.99
Z114F1	J600089	161.00	162.00	1.00	graphitic bx'd granitic gneiss				0.05	6.33	9	590	1.75
Z114F1	J600090	162.00	163.00	1.00	graphitic bx'd granitic gneiss				0.05	6.51	2	610	2.01
Z114F1	J600091	163.00	164.00	1.00	graphitic bx'd granitic gneiss				0.02	6.51	3.8	560	3.22
Z114F1	J600092	164.00	165.00	1.00	graphitic bx'd granitic gneiss				0.05	6.3	1.7	530	1.64
Z114F1	J600093	165.00	166.00	1.00	graphitic bx'd granitic gneiss and fractured zone				0.07	6.64	3	580	2.64
Z114F1	J600094	166.00	167.00	1.00	graphitic bx'd granitic gneiss and fractured zone				0.16	7.07	5.1	710	3.18
Z114F1	J600095	167.00	168.00	1.00	graphitic bx'd granitic gneiss and fractured zone				0.11	7.82	5.9	1010	4.44
Z114F1	J600096	168.00	169.00	1.00	graphitic bx'd granitic gneiss and fractured zone				0.15	7.11	7	460	3.24

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600097	169.00	170.00	1.00	graphitic bx'd granitic gneiss / mafic dyke				0.11	7.41	3.6	760	3.47
Z114F1	J600098	170.00	171.00	1.00	mafic dyke				0.06	8.49	3.8	1180	6.06
Z114F1	J600099	171.00	172.00	1.00	mafic dyke				0.17	8.13	3.9	1170	4.45
Z114F1	J600100	172.00	173.00	1.00	graphitic bx'd granitic gneiss				0.05	6.01	1.5	600	1.84
Z114F1	J600101	173.00	174.00	1.00	graphitic bx'd granitic gneiss				0.06	5.84	1.8	620	1.61
Z114F1	J600102	174.00	175.00	1.00	graphitic bx'd granitic gneiss				0.05	6.08	1.8	610	1.57
Z114F1	J600103	175.00	176.00	1.00	graphitic bx'd granitic gneiss				0.05	6.03	2	630	1.71
Z114F1	J600104	176.00	177.00	1.00	graphitic bx'd granitic gneiss				0.04	6.11	1.4	630	1.87
Z114F1	J600105	177.00	178.00	1.00	graphitic bx'd granitic gneiss				0.07	6.19	1.5	630	2.1
Z114F1	J600106	178.00	179.00	1.00	graphitic bx'd granitic gneiss				0.07	6.25	1.2	640	1.99
Z114F1	J600107	179.00	180.02	1.02	graphitic bx'd granitic gneiss				0.07	5.95	1.2	570	1.79
Z114F1	J600108	180.02	181.00	0.98	granitic gneiss				0.07	6.29	1.9	420	1.72
Z114F1	J600109	181.00	182.00	1.00	granitic gneiss				0.15	6.74	4.6	460	2.09
Z114F1	J600110	182.00	183.06	1.06	granitic gneiss				0.10	7.28	3.2	390	3.88
Z114F1	J600111	183.06	184.00	0.94	graphitic bx'd granitic gneiss				0.07	6.05	1.7	590	2.95
Z114F1	J600112	184.00	185.00	1.00	graphitic bx'd granitic gneiss				0.05	6.22	2.1	650	2.78
Z114F1	J600113	185.00	186.00	1.00	graphitic bx'd granitic gneiss				0.05	6.68	2.7	630	2.81
Z114F1	J600114	186.00	187.00	1.00	graphitic bx'd granitic gneiss				0.06	6.23	1.4	660	2.02
Z114F1	J600115	187.00	188.00	1.00	graphitic bx'd granitic gneiss				0.05	6.49	1.9	660	1.95
Z114F1	J600366	188.00	189.00	1.00	graphitic bx'd granitic gneiss				0.04	6.46	2.6	670	2.06
Z114F1	J600367	189.00	191.00	2.00	graphitic bx'd granitic gneiss, trachyte				0.06	6.36	1.9	680	1.94
Z114F1	J600368	191.00	193.00	2.00	trachyte				0.11	6.6	3.5	680	2.28
Z114F1	J600369	193.00	195.00	2.00	trachyte, lamprophyre dyke, syenite				0.16	7.87	4.2	1240	4.36
Z114F1	J600370	195.00	197.00	2.00	syenite				0.26	7.92	3.1	1340	6.52
Z114F1	J600371	219.50	221.50	2.00	spotted syenite with mafic dykes, pyrrhotite on fracture				0.22	8.36	3.1	1070	7.32
Z114F1	J600372	236.00	238.00	2.00	syenite with strong orange and pink potassic alteration				0.36	8.15	3.7	1090	5.33
Z114F1	J600373	253.00	255.00	2.00	syenite and phreatomagmatic bx'd granitic gneiss				0.02	7	19.3	1660	6.16

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600374	255.00	257.00	2.00	phreatomagmatic bx'd granitic gneiss				0.06	7.24	1.5	790	2.59
Z114F1	J600375	257.00	259.00	2.00	phreatomagmatic bx'd granitic gneiss, alt & tr py				<0.01	6.83	10.4	570	5.19
Z114F1	J600376	259.00	261.00	2.00	phreatomagmatic bx'd granitic gneiss, tr py				<0.01	6.9	5.5	650	2.1
Z114F1	J600377	261.00	263.00	2.00	phreatomagmatic bx'd granitic gneiss				0.04	7.02	0.9	610	1.87
Z114F1	J600378	263.00	265.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py				<0.01	7.19	3.4	690	2.96
Z114F1	J600379	265.00	267.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py				<0.01	6.98	1.8	530	2.63
Z114F1	J600380	267.00	267.00	0.00	Control: J601133 Pulp				2.3	7.2	25.1	430	0.52
Z114F1	J600381	267.00	269.00	2.00	phreatomagmatic bx'd granitic gneiss				0.09	6.46	10.4	660	2.08
Z114F1	J600382	269.00	271.00	2.00	phreatomagmatic bx'd granitic gneiss				0.09	6.8	3.9	630	3.24
Z114F1	J600383	271.00	273.00	2.00	phreatomagmatic bx'd granitic gneiss				<0.01	6.69	8.2	360	5.93
Z114F1	J600384	273.00	275.00	2.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke				0.08	7.18	9.2	410	8.83
Z114F1	J600116	289.50	290.50	1.00	nepheline syenite				0.77	7.55	9.3	140	4.65
Z114F1	J600117	290.50	291.50	1.00	nepheline syenite				0.51	7.2	16.2	150	4.54
Z114F1	J600118	291.50	292.50	1.00	nepheline syenite				0.32	7.03	8.7	190	5.72
Z114F1	J600119	292.50	293.50	1.00	nepheline syenite	<0.001	<0.005	<0.001	0.25	6.86	34.1	810	4.56
Z114F1	J600120	293.50	294.50	1.00	nepheline syenite	<0.001	<0.005	<0.001	0.13	6.87	12.1	760	4.62
Z114F1	J600121	294.50	295.50	1.00	nepheline syenite	<0.001	<0.005	<0.001	0.11	6.98	5.9	870	3.83
Z114F1	J600122	295.50	296.50	1.00	nepheline syenite	<0.001	<0.005	<0.001	0.04	7	10.9	840	2.86
Z114F1	J600123	296.50	297.50	1.00	nepheline syenite	<0.001	<0.005	<0.001	0.15	7.54	12.3	450	5.67
Z114F1	J600124	297.50	298.50	1.00	nepheline syenite	<0.001	<0.005	<0.001	0.09	7.5	10.6	230	5.21
Z114F1	J600125	298.50	299.50	1.00	nepheline syenite	0.001	<0.005	<0.001	0.08	7.6	7.9	120	4.23
Z114F1	J600126	299.50	300.50	1.00	nepheline syenite				0.03	7.64	9.9	110	3.81
Z114F1	J600127	300.50	301.50	1.00	nepheline syenite				0.16	7.47	11.8	100	5.33
Z114F1	J600128	301.50	302.50	1.00	nepheline syenite				0.2	7.61	6.6	100	4.82
Z114F1	J600129	302.50	303.30	0.80	nepheline syenite				0.24	6.95	6.3	110	7.32
Z114F1	J600130	303.30	304.00	0.70	nepheline syenite				0.16	7.15	11.4	150	5.28

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600131	304.00	305.00	1.00	nepheline syenite				0.61	7.55	11.4	320	5.55
Z114F1	J600132	305.00	306.00	1.00	nepheline syenite				0.89	7.45	14.5	280	5.25
Z114F1	J600385	311.00	312.90	1.90	nepheline syenite				0.17	7.02	8.7	120	6.18
Z114F1	J600386	312.90	313.10	0.20	nepheline syenite				9.28	4	5.8	190	13.55
Z114F1	J600387	313.10	315.00	1.90	nepheline syenite				<0.01	7.07	9.8	160	4.8
Z114F1	J600388	321.50	323.50	2.00	syenite, feldspathoid phyric mafic dyke				<0.01	7.32	10.5	150	10.15
Z114F1	J600389	323.50	325.50	2.00	nepheline syenite, feldspathoid-rich layer with trace po				<0.01	7.21	5	210	5.06
Z114F1	J600390	325.50	327.50	2.00	nepheline syenite				<0.01	7	13	310	6.13
Z114F1	J600133	327.50	328.50	1.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke				0.42	7.39	2.1	330	6.18
Z114F1	J600134	328.50	329.50	1.00	nepheline syenite				0.46	6.89	11	340	4.61
Z114F1	J600135	329.50	330.47	0.97	nepheline syenite, graphitic bx'd granitic gneiss				0.36	7.05	5.3	430	5.07
Z114F1	J600136	330.47	331.07	0.60	graphitic bx'd granitic gneiss				0.18	6.87	3.2	570	4.29
Z114F1	J600137	331.07	332.00	0.93	graphitic bx'd granitic gneiss				0.55	7.05	9.5	500	4.92
Z114F1	J600138	332.00	333.00	1.00	graphitic bx'd granitic gneiss				0.06	6.52	0.6	660	2.08
Z114F1	J600139	333.00	334.00	1.00	graphitic bx'd granitic gneiss				0.12	6.66	1.9	670	2.01
Z114F1	J600140	334.00	335.00	1.00	graphitic bx'd granitic gneiss				0.15	6.91	1.1	640	2.5
Z114F1	J600141	335.00	336.00	1.00	graphitic bx'd granitic gneiss				0.51	7.23	4.3	410	5.87
Z114F1	J600142	336.00	337.00	1.00	graphitic bx'd granitic gneiss	0.001	<0.005	<0.001	0.17	6.97	1.5	760	3.77
Z114F1	J600143	337.00	338.00	1.00	graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.1	6.55	1	610	1.75
Z114F1	J600144	338.00	339.00	1.00	graphitic bx'd granitic gneiss	0.001	<0.005	<0.001	0.36	7.92	2.4	1310	3.98
Z114F1	J600145	339.00	340.00	1.00	graphitic bx'd granitic gneiss	0.008	<0.005	<0.001	0.61	7.87	8.5	2050	5.16
Z114F1	J600146	340.00	341.00	1.00	graphitic bx'd granitic gneiss	0.001	<0.005	<0.001	0.77	7.55	8	1860	7.1
Z114F1	J600147	341.00	342.00	1.00	graphitic bx'd granitic gneiss	0.002	<0.005	<0.001	0.67	7.08	22	420	5.32
Z114F1	J600148	342.00	343.00	1.00	graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.58	7.42	12.3	590	4.81
Z114F1	J600149	343.00	344.00	1.00	graphitic bx'd granitic gneiss				0.3	6.51	11.9	590	3.44
Z114F1	J600150	344.00	345.00	1.00	graphitic bx'd granitic gneiss				0.14	6.77	0.7	610	2.28
Z114F1	J600151	345.00	346.00	1.00	graphitic bx'd granitic gneiss				0.07	6.95	0.7	620	2.91

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600152	346.00	347.00	1.00	graphitic bx'd granitic gneiss				0.18	7.16	1.1	510	2.49
Z114F1	J600153	347.00	348.00	1.00	graphitic bx'd granitic gneiss				0.15	7.01	1.5	480	2.64
Z114F1	J600154	348.00	349.00	1.00	graphitic bx'd granitic gneiss				0.14	6.94	0.5	600	2.28
Z114F1	J600155	349.00	349.74	0.74	graphitic bx'd granitic gneiss				0.12	7.03	6.4	590	2.63
Z114F1	J600156	349.74	351.00	1.26	graphitic bx'd granitic gneiss				0.54	7.83	2.5	100	4.92
Z114F1	J600157	351.00	352.00	1.00	graphitic bx'd granitic gneiss				0.68	7.38	6.2	130	5.17
Z114F1	J600158	352.00	353.00	1.00	graphitic bx'd granitic gneiss				0.57	7.22	8.1	170	3.96
Z114F1	J600159	353.00	354.00	1.00	graphitic bx'd granitic gneiss				0.2	6.7	2.1	550	3.05
Z114F1	J600160	354.00	354.00	0.00	Control - J601132 PULP				3.06	4.35	27.6	360	0.67
Z114F1	J600161	354.00	355.00	1.00	graphitic bx'd granitic gneiss				0.04	7.45	2.3	490	3.1
Z114F1	J600162	355.00	356.00	1.00	graphitic bx'd granitic gneiss				0.97	7.22	9.9	160	11.65
Z114F1	J600163	356.00	357.00	1.00	graphitic bx'd granitic gneiss				0.82	7.57	2.9	80	7.05
Z114F1	J600164	357.00	358.00	1.00	graphitic bx'd granitic gneiss				0.7	7.6	9.1	210	6.52
Z114F1	J600165	358.00	359.00	1.00	graphitic bx'd granitic gneiss				0.14	6.79	18.8	620	5.11
Z114F1	J600166	359.00	360.00	1.00	graphitic bx'd granitic gneiss				0.08	6.45	2.3	590	2.28
Z114F1	J600167	360.00	361.00	1.00	graphitic bx'd granitic gneiss				0.11	6.33	2	620	4.5
Z114F1	J600168	361.00	362.00	1.00	graphitic bx'd granitic gneiss				0.32	7.35	4.9	410	3.81
Z114F1	J600169	362.00	363.00	1.00	graphitic bx'd granitic gneiss				0.1	7.62	1.8	550	2.78
Z114F1	J600170	363.00	364.00	1.00	graphitic bx'd granitic gneiss				0.07	7.39	1.2	640	3.14
Z114F1	J600171	364.00	365.00	1.00	graphitic bx'd granitic gneiss				0.05	7.46	0.8	640	2.19
Z114F1	J600172	365.00	366.00	1.00	graphitic bx'd granitic gneiss				0.06	7.54	1	690	2.03
Z114F1	J600173	366.00	367.00	1.00	graphitic bx'd granitic gneiss				0.09	7.64	3.7	600	2.44
Z114F1	J600174	367.00	368.00	1.00	graphitic bx'd granitic gneiss				0.06	7.63	0.4	620	1.84
Z114F1	J600175	368.00	368.90	0.90	graphitic bx'd granitic gneiss				0.07	7.36	6	610	2.27
Z114F1	J600176	368.90	369.53	0.63	graphitic bx'd granitic gneiss				0.15	7.92	44.9	650	3.47
Z114F1	J600177	369.53	370.51	0.98	graphitic bx'd granitic gneiss				0.06	7.6	2	680	2.01
Z114F1	J600178	370.51	371.51	1.00	graphitic bx'd granitic gneiss				0.08	7.46	1.8	730	2.14
Z114F1	J600179	371.51	372.51	1.00	graphitic bx'd granitic gneiss				0.09	7.75	1.1	580	2.46
Z114F1	J600180	372.51	372.51	0.00	Control - J601133 PULP				2.47	8.05	26.4	490	0.51
Z114F1	J600181	372.51	373.51	1.00	graphitic bx'd granitic gneiss				0.06	7.66	4.5	680	2.05

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600182	373.51	374.00	0.49	graphitic bx'd granitic gneiss				0.72	8.72	37.4	1210	5.16
Z114F1	J600183	374.00	374.74	0.74	graphitic bx'd granitic gneiss				0.11	8.19	1.1	830	2.45
Z114F1	J600184	374.74	375.74	1.00	graphitic bx'd granitic gneiss				0.11	8.18	1.6	680	1.6
Z114F1	J600185	375.74	376.74	1.00	graphitic bx'd granitic gneiss				0.07	7.63	25.3	660	3.3
Z114F1	J600186	376.74	377.74	1.00	graphitic bx'd granitic gneiss				0.12	7.29	26.1	560	3.04
Z114F1	J600187	377.74	378.74	1.00	nepheline syenite				0.38	8.29	1.9	270	5.35
Z114F1	J600188	378.74	379.74	1.00	nepheline syenite				0.55	8.56	1.7	50	7.56
Z114F1	J600189	379.74	380.74	1.00	nepheline syenite				0.54	8.6	1.3	170	4.58
Z114F1	J600391	380.75	382.00	1.25	nepheline syenite				<0.01	8.12	1.8	270	4.82
Z114F1	J600392	382.00	384.00	2.00	nepheline syenite				<0.01	8.34	2.2	280	4.54
Z114F1	J600393	384.00	386.00	2.00	nepheline syenite				<0.01	8.22	3.7	170	5.88
Z114F1	J600394	386.00	388.00	2.00	nepheline syenite				<0.01	8.09	4.1	80	7.77
Z114F1	J600395	388.00	390.00	2.00	nepheline syenite				<0.01	7.86	2.7	110	5.4
Z114F1	J600396	390.00	392.00	2.00	nepheline syenite				<0.01	7.95	3.3	60	5.82
Z114F1	J600397	392.00	394.00	2.00	nepheline syenite				0.03	7.62	3.1	90	5.93
Z114F1	J600398	394.00	396.00	2.00	nepheline syenite				0.07	7.64	4.8	90	5.19
Z114F1	J600399	396.00	397.38	1.38	nepheline syenite				0.07	7.78	3.5	70	4.04
Z114F1	J600190	397.38	398.38	1.00	nepheline syenite				0.48	8.34	5.9	80	4.44
Z114F1	J600191	398.38	399.38	1.00	nepheline syenite				0.6	8.57	6.3	90	7.49
Z114F1	J600192	399.38	400.38	1.00	nepheline syenite, graphitic bx'd granitic gneiss				0.16	8.37	2.4	340	4.7
Z114F1	J600193	400.38	401.20	0.82	graphitic bx'd granitic gneiss				0.08	8.15	2	690	1.68
Z114F1	J600194	401.20	402.00	0.80	graphitic bx'd granitic gneiss				0.35	7.74	1.5	430	7.95
Z114F1	J600195	402.00	403.00	1.00	graphitic bx'd granitic gneiss				0.05	7.81	2.4	740	2.2
Z114F1	J600196	403.00	404.00	1.00	graphitic bx'd granitic gneiss				0.05	7.74	0.9	610	3.09
Z114F1	J600197	404.00	405.00	1.00	graphitic bx'd granitic gneiss				0.11	7.69	1.1	490	3.34
Z114F1	J600198	405.00	406.00	1.00	graphitic bx'd granitic gneiss				0.05	7.37	0.2	610	1.71
Z114F1	J600199	406.00	407.00	1.00	graphitic bx'd granitic gneiss				0.06	7.48	0.7	610	1.59
Z114F1	J600200	407.00	407.00	0.00	Control - J601132 PULP				3.17	4.43	28.8	360	0.6

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600201	407.00	408.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss				0.46	8.03	6.1	300	8.1
Z114F1	J600202	408.00	409.00	1.00	nepheline syenite				0.52	7.93	3.9	190	7.26
Z114F1	J600203	409.00	410.00	1.00	nepheline syenite				0.4	8.53	2.3	60	7.45
Z114F1	J600204	410.00	411.00	1.00	nepheline syenite				0.52	8.67	1.8	130	6.35
Z114F1	J600205	411.00	412.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss				0.23	8	3.3	320	4.33
Z114F1	J600206	412.00	413.00	1.00	graphitic bx'd granitic gneiss	<0.001	0.011	<0.001	0.1	7.14	3	750	2.95
Z114F1	J600207	413.00	414.00	1.00	graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.1	7.3	15.2	800	1.62
Z114F1	J600208	414.00	415.00	1.00	graphitic bx'd granitic gneiss	<0.001	0.005	<0.001	0.1	7.23	4.9	530	3.07
Z114F1	J600209	415.00	416.00	1.00	graphitic bx'd granitic gneiss	0.001	<0.005	<0.001	0.09	7.22	40.1	540	2.47
Z114F1	J600210	416.00	417.00	1.00	graphitic bx'd granitic gneiss	<0.001	0.014	<0.001	0.06	7.48	1.1	500	1.63
Z114F1	J600211	417.00	418.00	1.00	graphitic bx'd granitic gneiss	0.001	<0.005	<0.001	0.07	7.27	6.2	540	1.77
Z114F1	J600212	418.00	419.00	1.00	graphitic bx'd granitic gneiss	<0.001	<0.005	<0.001	0.06	7.23	1.1	620	1.29
Z114F1	J600213	419.00	420.00	1.00	graphitic bx'd granitic gneiss				0.09	7.03	1.1	750	1.57
Z114F1	J600214	420.00	421.00	1.00	graphitic bx'd granitic gneiss				0.05	7.41	15.8	750	1.57
Z114F1	J600215	421.00	422.00	1.00	graphitic bx'd granitic gneiss				0.07	7.17	7.1	710	1.49
Z114F1	J600216	422.00	423.00	1.00	graphitic bx'd granitic gneiss				0.09	7.12	19.7	420	1.87
Z114F1	J600217	423.00	424.00	1.00	graphitic bx'd granitic gneiss				0.08	7.71	5.2	540	3.42
Z114F1	J600218	424.00	425.00	1.00	graphitic bx'd granitic gneiss				0.04	7.36	2.5	820	1.98
Z114F1	J600219	425.00	426.00	1.00	graphitic bx'd granitic gneiss				0.05	7.81	14.7	400	5.87
Z114F1	J600220	426.00	426.00	0.00	Control - J601133 PULP				2.49	7.5	26.5	480	0.54
Z114F1	J600221	426.00	427.00	1.00	graphitic bx'd granitic gneiss				0.2	7.66	23.6	500	4.98
Z114F1	J600222	427.00	428.00	1.00	graphitic bx'd granitic gneiss				0.11	7.61	2.4	740	1.28
Z114F1	J600223	428.00	429.00	1.00	graphitic bx'd granitic gneiss				0.07	6.86	1.1	640	1.39
Z114F1	J600224	429.00	430.00	1.00	graphitic bx'd granitic gneiss				0.06	6.87	43.9	720	1.86
Z114F1	J600225	430.00	431.00	1.00	graphitic bx'd granitic gneiss				0.1	7.3	2	530	2.08
Z114F1	J600226	431.00	432.00	1.00	graphitic bx'd granitic gneiss				0.07	7.72	31.7	870	1.74
Z114F1	J600227	432.00	433.00	1.00	graphitic bx'd granitic gneiss				0.09	7.41	27.8	810	2.26
Z114F1	J600228	433.00	434.00	1.00	graphitic bx'd granitic gneiss				0.1	8.12	26.7	990	1.16

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600229	434.00	435.00	1.00	graphitic bx'd granitic gneiss				0.07	7.26	7.2	680	2.31
Z114F1	J600230	435.00	436.00	1.00	graphitic bx'd granitic gneiss				0.07	7.28	18.1	770	2.91
Z114F1	J600231	436.00	436.67	0.67	graphitic bx'd granitic gneiss				0.07	7.13	17.7	690	2.43
Z114F1	J600232	436.67	437.38	0.71	graphitic bx'd granitic gneiss				0.1	6.97	1.2	650	10.35
Z114F1	J600233	437.38	438.50	1.12	granitic gneiss				0.09	6.67	1.3	550	6.1
Z114F1	J600234	438.50	439.50	1.00	granitic gneiss				0.05	7.01	0.8	600	2
Z114F1	J600235	439.50	440.60	1.10	granitic gneiss				0.08	6.53	0.6	540	1.36
Z114F1	J600236	440.60	441.60	1.00	graphitic bx'd granitic gneiss				0.07	7.18	1	550	1.89
Z114F1	J600237	441.60	442.60	1.00	mafic dyke				0.37	9.24	5	1410	5.5
Z114F1	J600238	442.60	443.60	1.00	mafic dyke				0.32	8.11	3.7	1240	5.48
Z114F1	J600239	443.60	444.60	1.00	mafic dyke				0.19	9.12	3.3	1250	6.19
Z114F1	J600240	444.60	444.60	0.00	Control - J601132 PULP				3.65	4.25	31.5	370	0.64
Z114F1	J600241	444.60	445.60	1.00	mafic dyke				1.05	8.96	3.8	1200	5.96
Z114F1	J600242	445.60	446.60	1.00	mafic dyke				1.03	8.38	3.4	1020	7.96
Z114F1	J600243	446.60	447.60	1.00	mafic dyke				0.91	8.65	2.6	1200	5.28
Z114F1	J600244	447.60	448.60	1.00	mafic dyke				1	9.2	2.7	1210	5.89
Z114F1	J600245	448.60	449.60	1.00	mafic dyke				0.91	8.93	3	1160	5.58
Z114F1	J600246	449.60	450.60	1.00	mafic dyke				1.2	9.08	2.6	1100	6.29
Z114F1	J600247	450.60	451.60	1.00	mafic dyke				1.02	9.05	3.8	1190	5.65
Z114F1	J600248	451.60	452.60	1.00	mafic dyke				0.91	9.11	3.2	1170	5.54
Z114F1	J600249	452.60	453.60	1.00	mafic dyke				1.07	8.83	2.4	1170	5.34
Z114F1	J600250	453.60	454.60	1.00	mafic dyke				<0.01	9.05	2.5	1240	5.05
Z114F1	J600251	454.60	455.60	1.00	mafic dyke				<0.01	8.96	2.2	1240	5.24
Z114F1	J600252	455.60	456.67	1.07	mafic dyke				<0.01	8.87	2.4	1380	5.27
Z114F1	J600253	456.67	457.70	1.03	graphitic bx'd granitic gneiss and mafic dyke				<0.01	7.25	110	530	3.59
Z114F1	J600254	457.70	458.70	1.00	graphitic bx'd granitic gneiss and mafic dyke				<0.01	7.34	8.9	570	2.64
Z114F1	J600259	458.70	459.60	0.90	granitic gneiss, nephelinite				<0.01	7.75	2.4	230	4.58
Z114F1	J600260	459.60	460.66	1.06	granitic gneiss				<0.01	8.35	2.4	140	5.59
Z114F1	J600261	460.66	461.40	0.74	nephelinite				<0.01	8.17	1.9	120	3.47
Z114F1	J600262	461.40	463.00	1.60	granitic gneiss				<0.01	8.22	1.4	140	3.47

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
						Au	Pt	Pd	Ag	Al	As	Ba	Be
Z114F1	J600263	463.00	464.60	1.60	granitic gneiss				<0.01	8.06	1.3	150	3.14
Z114F1	J600264	464.60	466.20	1.60	granitic gneiss				<0.01	8.25	2.2	250	3.23
Z114F1	J600265	466.20	467.30	1.10	nephelinite, nepheline syenite				<0.01	7.9	4.2	380	3.09
Z114F1	J600266	467.30	468.50	1.20	graphitic bx'd nepheline syenite				<0.01	6.7	1.7	710	8.8
Z114F1	J600267	468.50	470.00	1.50	graphitic bx'd nepheline syenite				0.21	7.17	3	420	2.28
Z114F1	J600268	470.00	471.50	1.50	graphitic bx'd nepheline syenite				0.09	6.66	2.3	500	1.74
Z114F1	J600269	471.50	472.80	1.30	graphitic bx'd nepheline syenite				0.13	7.14	1.6	550	1.63
Z114F1	J600270	472.80	473.70	0.90	nephelinite				0.08	6.69	0.8	580	1.64
Z114F1	J600271	473.70	474.65	0.95	nepheline syenite				<0.01	7.74	2.6	250	3.76
Z114F1	J600272	474.65	476.30	1.65	graphitic bx'd nephelinite				<0.01	6.33	0.4	280	1.48
Z114F1	J600273	476.30	478.00	1.70	graphitic bx'd nephelinite				<0.01	7.18	1.3	540	2.63
Z114F1	J600274	478.00	479.50	1.50	graphitic bx'd nephelinite				0.07	6.7	1.3	680	1.7
Z114F1	J600275	479.50	481.00	1.50	nepheline syenite				<0.01	7.57	4.8	350	3.92
Z114F1	J600276	481.00	482.50	1.50	phreatomagmatic, graphitic & breccia				<0.01	8.38	1.1	560	3.86
Z114F1	J600277	482.50	484.00	1.50	phreatomagmatic, graphitic & breccia				<0.01	8.45	2.6	700	4.24
Z114F1	J600278	484.00	485.50	1.50	phreatomagmatic, graphitic & breccia				<0.01	9.35	5.3	880	4.99
Z114F1	J600279	485.50	487.00	1.50	phreatomagmatic, graphitic & breccia				0.06	6.89	1.6	690	1.95
Z114F1	J600280	487.00	488.50	1.50	phreatomagmatic, graphitic & breccia				0.06	7.7	2.6	620	2.26
Z114F1	J600281	488.50	490.00	1.50	nepheline syenite				<0.01	8.37	2.7	610	2.61
Z114F1	J600282	490.00	492.00	2.00	nepheline syenite, po clot				0.21	8.61	0.9	710	2.49
Z114F1	J600283	492.00	494.00	2.00	nepheline syenite				0.11	8.5	1.2	560	3.39
Z114F1	J600284	494.00	496.00	2.00	nepheline syenite				<0.01	9.7	4.5	990	5.06
Z114F1	J600285	496.00	498.00	2.00	nepheline syenite				0.05	8.65	1.9	690	2.58
Z114F1	J600286	498.00	500.00	2.00	nepheline syenite				0.03	8.74	0.8	580	2.52
Z114F1	J600287	500.00	502.00	2.00	nepheline syenite, mafic dyke				<0.01	8.5	1.1	300	3.82
Z114F1	J600288	502.00	504.00	2.00	nepheline syenite				0.38	8.59	4	740	4.41
Z114F1	J600289	504.00	506.00	2.00	nepheline syenite				0.3	8.54	12.5	820	3.22
Z114F1	J600290	506.00	508.00	2.00	graphitic bx'd nephelinite				0.08	6.79	1.3	660	1.6
Z114F1	J600291	508.00	510.00	2.00	graphitic bx'd nephelinite				0.11	6.63	2.3	760	1.59

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600335	49.00	50.00	1.00	paleoweathered granitic gneiss	0.07	0.09	0.03	21	2.4	8	3.03	30
Z114F1	J600336	50.00	51.00	1.00	paleoweathered granitic gneiss	0.06	0.14	<0.02	30	1.7	5	3.88	10
Z114F1	J600337	51.00	52.00	1.00	paleoweathered granitic gneiss	0.02	0.14	<0.02	30	1.3	5	4.65	9
Z114F1	J600338	52.00	53.00	1.00	paleoweathered granitic gneiss	0.02	0.14	<0.02	27	1.4	6	4.84	4
Z114F1	J600339	53.00	54.00	1.00	paleoweathered granitic gneiss	0.06	0.27	<0.02	32	1	5	5.2	7
Z114F1	J600340	54.00	54.00	0.00	Control: J601133 Pulp	1	3.06	33.2	31	443	325	0.7	593
Z114F1	J600341	54.00	55.00	1.00	paleoweathered granitic gneiss	0.05	0.78	0.06	34	1.7	8	3.24	7
Z114F1	J600342	55.00	56.00	1.00	paleoweathered granitic gneiss	0.05	0.32	<0.02	54	1.1	6	4.01	8
Z114F1	J600343	56.00	57.00	1.00	paleoweathered granitic gneiss	0.05	0.65	<0.02	48	0.9	6	3.34	7
Z114F1	J600344	57.00	58.00	1.00	paleoweathered granitic gneiss	0.08	0.64	<0.02	39	1.3	8	5.75	10
Z114F1	J600345	58.00	59.00	1.00	paleoweathered granitic gneiss	0.06	0.49	<0.02	46	1.5	7	4.12	7
Z114F1	J600346	59.00	60.00	1.00	paleoweathered granitic gneiss	0.06	0.59	0.02	31	1.9	7	5.28	6
Z114F1	J600347	60.00	61.00	1.00	paleoweathered granitic gneiss	0.06	0.54	0.02	31	2	9	3.99	5
Z114F1	J600348	61.00	62.00	1.00	granitic gneiss	0.05	0.53	0.03	36	2.1	8	2.75	6
Z114F1	J600361	62.00	63.00	1.00	granitic gneiss	0.03	0.64	0.06	26	2.2	9	2.32	4
Z114F1	J600362	63.00	65.00	2.00	granitic gneiss	0.05	0.78	0.05	38	2.1	9	2.51	6
Z114F1	J600363	65.00	67.00	2.00	granitic gneiss	0.09	0.55	0.04	56	2.3	7	5.12	6
Z114F1	J600364	67.00	69.00	2.00	granitic gneiss	0.06	0.49	0.02	42	1.8	10	4.27	5
Z114F1	J600365	69.00	71.00	2.00	granitic gneiss	0.06	0.69	0.03	41	2.3	8	3.09	8
Z114F1	J600017	71.00	71.68	0.68	granitic gneiss	0.06	0.59	0.04	34	2.4	10	2.45	8
Z114F1	J600018	71.68	72.70	1.02	granitic gneiss	0.04	0.54	0.02	36	3	8	2.37	11
Z114F1	J600019	72.70	73.70	1.00	granitic gneiss	0.05	0.68	0.03	22	1.6	8	4.73	9
Z114F1	J600020	73.70	74.74	1.04	granitic gneiss	0.05	0.24	0.04	20	0.9	14	2.25	7
Z114F1	J600021	74.74	75.78	1.04	granitic gneiss	0.1	0.22	0.04	43	1.2	13	6.21	6
Z114F1	J600022	75.78	76.78	1.00	granitic gneiss	0.12	0.54	0.03	76	1.7	11	5.51	13
Z114F1	J600023	76.78	77.78	1.00	granitic gneiss/nepheline syenite	0.22	0.86	0.1	205	2.4	10	5.31	40
Z114F1	J600024	77.78	78.78	1.00	nepheline syenite	0.16	1.1	0.14	257	2	3	7.36	13
Z114F1	J600025	78.78	79.78	1.00	nepheline syenite	0.14	0.54	0.13	229	3	5	7.83	12
Z114F1	J600026	79.78	81.00	1.22	nepheline syenite/graphitic bx'd granitic gneiss	0.13	0.38	0.02	44	1.8	18	3.63	9

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600027	81.00	82.00	1.00	graphitic brecciated (bx'd) granitic gneiss	0.15	0.26	<0.02	53	1.7	26	4.64	7
Z114F1	J600028	82.00	83.00	1.00	graphitic bx'd granitic gneiss	0.04	0.55	0.02	16	0.6	10	1.78	3
Z114F1	J600029	83.00	84.00	1.00	graphitic bx'd granitic gneiss	0.11	0.46	<0.02	31	1.2	16	2.38	5
Z114F1	J600030	84.00	85.00	1.00	graphitic bx'd granitic gneiss	0.09	0.6	<0.02	27	1.3	18	2.63	4
Z114F1	J600031	85.00	86.00	1.00	graphitic bx'd granitic gneiss	0.13	0.65	0.02	62	2.4	15	2.86	7
Z114F1	J600032	86.00	87.00	1.00	graphitic bx'd granitic gneiss	0.09	0.72	0.03	32	2.5	9	2.18	7
Z114F1	J600033	87.00	88.00	1.00	graphitic bx'd granitic gneiss	0.1	0.3	0.03	16	1.5	14	2.06	7
Z114F1	J600034	88.00	89.00	1.00	graphitic bx'd granitic gneiss	0.17	0.5	0.05	38	2.5	12	2.5	8
Z114F1	J600035	89.00	89.71	0.71	graphitic bx'd granitic gneiss	0.13	0.38	0.04	43	1.8	12	2.74	7
Z114F1	J600036	89.71	90.71	1.00	granitic gneiss	0.13	0.76	0.04	33	4.9	8	2.19	11
Z114F1	J600037	90.71	91.79	1.08	granitic gneiss	0.12	0.52	0.07	44	2	11	2.92	10
Z114F1	J600038	91.79	92.79	1.00	granitic gneiss	0.08	0.63	0.04	36	2.2	10	2.77	10
Z114F1	J600349	92.79	94.00	1.21	granitic gneiss	0.05	0.73	0.03	39	2.3	7	2.39	8
Z114F1	J600350	94.00	96.00	2.00	granitic gneiss	0.07	0.72	0.03	39	2.2	10	2.64	10
Z114F1	J600351	96.00	98.00	2.00	granitic gneiss with trace disseminated pyrite	0.08	0.74	0.02	39	2.4	8	2.31	9
Z114F1	J600352	98.00	100.00	2.00	granitic gneiss with trace disseminated pyrite	0.06	0.71	0.03	31	2	10	2.09	11
Z114F1	J600353	100.00	102.00	2.00	granitic gneiss with trace disseminated pyrite	0.08	0.63	0.02	36	1.7	7	1.97	6
Z114F1	J600354	102.00	104.00	2.00	granitic gneiss	0.07	0.59	0.03	39	1.8	9	1.89	6
Z114F1	J600355	104.00	106.00	2.00	granitic gneiss	0.08	0.6	0.04	35	2	11	2.03	8
Z114F1	J600356	106.00	108.00	2.00	granitic gneiss with 0.5% pyrite between 107 &108m	0.06	0.81	0.02	36	2	6	2.55	8
Z114F1	J600357	108.00	110.00	2.00	granitic gneiss	0.06	0.77	0.03	38	2.1	9	2.23	9
Z114F1	J600358	110.00	111.50	1.50	granitic gneiss	0.07	0.83	0.03	38	2.3	9	2.24	8
Z114F1	J600359	111.50	112.50	1.00	granitic gneiss	0.05	0.76	0.04	30	2	9	1.99	6
Z114F1	J600039	112.50	113.25	0.75	graphitic bx'd granitic gneiss	0.07	0.78	0.03	29	1.7	10	1.89	5
Z114F1	J600360	112.50	112.50	0.00	Control: J601133 Raw/Reject	0.84	2.85	26.1	32	411	289	0.63	436
Z114F1	J600040	113.25	114.00	0.75	graphitic bx'd granitic gneiss	0.08	0.72	0.02	32	2	11	1.91	8
Z114F1	J600041	114.00	115.00	1.00	graphitic bx'd granitic gneiss	0.1	1.26	0.04	33	4.9	12	4.22	10
Z114F1	J600042	115.00	116.00	1.00	graphitic bx'd granitic gneiss	0.07	1.3	0.06	36	2.1	12	2.66	11
Z114F1	J600043	116.00	117.00	1.00	graphitic bx'd granitic gneiss	0.13	1.03	0.05	61	3.6	13	3.76	12

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600044	117.00	118.00	1.00	graphitic bx'd granitic gneiss	0.08	1.28	0.05	37	3.4	12	2.95	13
Z114F1	J600045	118.00	119.00	1.00	graphitic bx'd granitic gneiss	0.04	1.05	0.05	27	1.9	10	1.9	6
Z114F1	J600046	119.00	120.00	1.00	graphitic bx'd granitic gneiss	0.06	0.93	0.03	28	2	11	2.12	7
Z114F1	J600047	120.00	121.00	1.00	graphitic bx'd granitic gneiss	0.1	1.13	<0.02	30	2	10	2.3	5
Z114F1	J600048	121.00	121.75	0.75	graphitic bx'd granitic gneiss	0.14	0.95	<0.02	30	2.5	11	2.25	7
Z114F1	J600049	121.75	122.50	0.75	graphitic bx'd granitic gneiss	0.11	0.85	0.03	28	2.6	13	2.3	5
Z114F1	J600050	122.50	123.50	1.00	graphitic bx'd granitic gneiss and fractured zone	0.12	1.96	0.03	30	3.3	10	2.49	7
Z114F1	J600051	123.50	124.25	0.75	graphitic bx'd granitic gneiss and fractured zone	0.14	1.55	<0.02	30	2.4	30	2.02	5
Z114F1	J600052	124.25	125.00	0.75	graphitic bx'd granitic gneiss and fractured zone	0.13	0.99	0.02	28	2	14	1.81	5
Z114F1	J600053	125.00	126.00	1.00	graphitic bx'd granitic gneiss	0.14	1.05	<0.02	38	3.7	15	3.57	8
Z114F1	J600054	126.00	127.00	1.00	graphitic bx'd granitic gneiss	0.08	0.86	<0.02	62	1.4	13	1.81	6
Z114F1	J600055	127.00	128.00	1.00	graphitic bx'd granitic gneiss	0.09	0.99	0.02	28	1.8	14	2.13	5
Z114F1	J600056	128.00	129.00	1.00	graphitic bx'd granitic gneiss	0.04	0.73	0.11	34	1.7	11	2.2	11
Z114F1	J600057	129.00	130.09	1.09	graphitic bx'd granitic gneiss	0.07	0.73	0.05	35	1.8	11	3.08	7
Z114F1	J600058	130.09	130.90	0.81	graphitic bx'd granitic gneiss	0.05	0.83	0.09	163	1.1	9	6.72	4
Z114F1	J600059	130.90	132.00	1.10	graphitic bx'd granitic gneiss	0.06	0.85	0.05	37	1.9	10	3.17	4
Z114F1	J600060	132.00	133.00	1.00	graphitic bx'd granitic gneiss	0.06	0.8	0.05	36	1.6	10	3.02	3
Z114F1	J600061	133.00	134.00	1.00	graphitic bx'd granitic gneiss	0.37	0.69	0.02	27	1.4	8	2.31	4
Z114F1	J600062	134.00	134.70	0.70	graphitic bx'd granitic gneiss	0.07	0.76	0.15	247	1.5	8	3.66	24
Z114F1	J600063	134.70	135.80	1.10	graphitic bx'd granitic gneiss	0.08	0.84	0.02	29	1.7	8	2.57	3
Z114F1	J600064	135.80	136.90	1.10	graphitic bx'd granitic gneiss	0.11	1.28	0.03	91	6.5	112	4.9	8
Z114F1	J600065	136.90	138.00	1.10	graphitic bx'd granitic gneiss	0.16	1.23	0.02	57	7.8	143	6.52	7
Z114F1	J600066	138.00	139.00	1.00	graphitic bx'd granitic gneiss	0.15	2.2	0.02	121	17.9	285	8.97	11
Z114F1	J600067	139.00	140.00	1.00	graphitic bx'd granitic gneiss	0.11	0.91	<0.02	43	4.1	19	3.93	7
Z114F1	J600068	140.00	141.00	1.00	graphitic bx'd granitic gneiss	0.16	0.76	0.02	34	4.8	18	3.03	7
Z114F1	J600069	141.00	142.00	1.00	graphitic bx'd granitic gneiss	0.12	0.79	0.03	32	1.8	13	1.79	11
Z114F1	J600070	142.00	143.00	1.00	graphitic bx'd granitic gneiss	0.11	0.92	0.02	47	1.8	17	1.4	7

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600071	143.00	144.00	1.00	graphitic bx'd granitic gneiss	0.07	1.01	0.03	36	1.6	10	2.03	9
Z114F1	J600072	144.00	144.75	0.75	graphitic bx'd granitic gneiss	0.07	0.95	0.03	29	1.6	15	2.2	10
Z114F1	J600073	144.75	146.00	1.25	graphitic bx'd granitic gneiss	0.17	1.14	0.03	96	3.6	50	2.17	8
Z114F1	J600074	146.00	147.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	0.13	1.73	0.07	189	8.5	22	3.49	23
Z114F1	J600075	147.00	148.00	1.00	mafic dyke	0.07	1.82	0.06	241	8.6	20	3.62	14
Z114F1	J600076	148.00	149.00	1.00	mafic dyke/graphitic bx'd granitic gneiss	0.1	1.13	0.03	84	4.1	28	1.82	8
Z114F1	J600077	149.00	150.00	1.00	graphitic bx'd granitic gneiss	0.17	1.08	0.04	65	3.3	25	1.62	11
Z114F1	J600078	150.00	151.00	1.00	graphitic bx'd granitic gneiss	0.14	0.85	0.04	47	2.5	19	1.32	10
Z114F1	J600079	151.00	152.00	1.00	graphitic bx'd granitic gneiss	0.17	1.07	0.09	47	2.9	29	2.04	10
Z114F1	J600080	152.00	153.00	1.00	graphitic bx'd granitic gneiss	0.46	1.34	0.04	70	4.9	37	3.63	13
Z114F1	J600081	153.00	154.00	1.00	graphitic bx'd granitic gneiss	0.11	1.33	0.09	72	4.6	22	3.99	11
Z114F1	J600082	154.00	155.00	1.00	graphitic bx'd granitic gneiss	0.12	1.5	0.02	68	6.1	87	3.89	12
Z114F1	J600083	155.00	156.00	1.00	graphitic bx'd granitic gneiss	0.09	1.3	0.05	65	3.8	34	2.77	12
Z114F1	J600084	156.00	157.00	1.00	graphitic bx'd granitic gneiss	0.08	1.23	0.05	53	3.6	32	3.25	11
Z114F1	J600085	157.00	158.00	1.00	graphitic bx'd granitic gneiss	0.08	1.26	0.04	35	3.6	25	2.43	12
Z114F1	J600086	158.00	159.00	1.00	graphitic bx'd granitic gneiss	0.09	1.55	0.11	54	5.1	30	3.02	14
Z114F1	J600087	159.00	160.00	1.00	graphitic bx'd granitic gneiss	0.1	1.09	0.03	56	3	18	2.21	10
Z114F1	J600088	160.00	161.00	1.00	graphitic bx'd granitic gneiss	0.09	0.79	0.05	28	2.1	16	1.78	9
Z114F1	J600089	161.00	162.00	1.00	graphitic bx'd granitic gneiss	0.06	1.22	0.08	56	3.3	43	2.65	10
Z114F1	J600090	162.00	163.00	1.00	graphitic bx'd granitic gneiss	0.1	1.13	0.03	43	3.8	31	2.37	11
Z114F1	J600091	163.00	164.00	1.00	graphitic bx'd granitic gneiss	0.06	0.95	0.04	56	3.3	19	2.39	10
Z114F1	J600092	164.00	165.00	1.00	graphitic bx'd granitic gneiss	0.07	0.94	0.02	36	2.7	14	1.88	11
Z114F1	J600093	165.00	166.00	1.00	graphitic bx'd granitic gneiss and fractured zone	0.11	1.33	0.08	66	3.9	22	2.5	12
Z114F1	J600094	166.00	167.00	1.00	graphitic bx'd granitic gneiss and fractured zone	0.09	0.99	0.04	108	6.7	19	3.4	12
Z114F1	J600095	167.00	168.00	1.00	graphitic bx'd granitic gneiss and fractured zone	0.07	1.24	0.02	197	6.9	13	4.08	20
Z114F1	J600096	168.00	169.00	1.00	graphitic bx'd granitic gneiss and fractured zone	0.18	1.07	0.02	179	4.7	12	2.67	14

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600097	169.00	170.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	0.12	1.54	0.06	159	6.6	23	3.34	15
Z114F1	J600098	170.00	171.00	1.00	mafic dyke	0.06	2.16	0.16	290	10.3	11	3.76	17
Z114F1	J600099	171.00	172.00	1.00	mafic dyke	0.08	1.65	0.41	251	8.8	17	3.08	27
Z114F1	J600100	172.00	173.00	1.00	graphitic bx'd granitic gneiss	0.13	1.01	0.04	51	3.2	23	0.92	9
Z114F1	J600101	173.00	174.00	1.00	graphitic bx'd granitic gneiss	0.12	1.02	0.04	47	3.1	23	0.92	9
Z114F1	J600102	174.00	175.00	1.00	graphitic bx'd granitic gneiss	0.11	1.01	0.03	47	3.2	25	1.1	9
Z114F1	J600103	175.00	176.00	1.00	graphitic bx'd granitic gneiss	0.09	1.04	0.03	49	3.2	27	1.24	9
Z114F1	J600104	176.00	177.00	1.00	graphitic bx'd granitic gneiss	0.09	1.07	0.04	51	3.4	26	1.64	10
Z114F1	J600105	177.00	178.00	1.00	graphitic bx'd granitic gneiss	0.09	1.06	0.03	45	3.8	24	1.89	10
Z114F1	J600106	178.00	179.00	1.00	graphitic bx'd granitic gneiss	0.12	1.02	0.03	44	3.9	33	2.01	10
Z114F1	J600107	179.00	180.02	1.02	graphitic bx'd granitic gneiss	0.11	0.81	0.03	33	2.9	20	1.89	7
Z114F1	J600108	180.02	181.00	0.98	granitic gneiss	0.02	0.71	0.29	27	0.9	13	1.53	10
Z114F1	J600109	181.00	182.00	1.00	granitic gneiss	0.03	1.25	0.24	59	1.8	8	1.33	9
Z114F1	J600110	182.00	183.06	1.06	granitic gneiss	0.03	0.98	1	94	3	10	3.17	4
Z114F1	J600111	183.06	184.00	0.94	graphitic bx'd granitic gneiss	0.1	0.95	0.03	60	4	22	1.72	9
Z114F1	J600112	184.00	185.00	1.00	graphitic bx'd granitic gneiss	0.1	0.89	0.04	55	3.7	25	2.73	12
Z114F1	J600113	185.00	186.00	1.00	graphitic bx'd granitic gneiss	0.11	1.18	0.03	68	3.7	23	3.56	11
Z114F1	J600114	186.00	187.00	1.00	graphitic bx'd granitic gneiss	0.07	1.19	0.03	46	3.6	22	2.83	14
Z114F1	J600115	187.00	188.00	1.00	graphitic bx'd granitic gneiss	0.07	1.13	0.03	45	3.7	23	3.12	11
Z114F1	J600366	188.00	189.00	1.00	graphitic bx'd granitic gneiss	0.07	1.11	0.03	55	3.7	16	2.93	11
Z114F1	J600367	189.00	191.00	2.00	graphitic bx'd granitic gneiss, trachyte	0.04	1.2	0.34	59	3.5	16	2.66	11
Z114F1	J600368	191.00	193.00	2.00	trachyte	0.05	1.16	0.67	60	4.1	16	2.78	13
Z114F1	J600369	193.00	195.00	2.00	trachyte, lamprophyre dyke, syenite	0.2	2.31	0.18	260	10.5	13	7.59	17
Z114F1	J600370	195.00	197.00	2.00	syenite	0.09	2.22	0.04	288	8.9	5	8.9	10
Z114F1	J600371	219.50	221.50	2.00	spotted syenite with mafic dykes, pyrrhotite on fracture	0.13	1.6	0.17	248	5.8	<1	3.85	8
Z114F1	J600372	236.00	238.00	2.00	syenite with strong orange and pink potassic alteration	0.05	1.56	0.44	>500	3.9	<1	6.35	8
Z114F1	J600373	253.00	255.00	2.00	syenite and phreatomagmatic bx'd granitic gneiss	0.17	2.14	0.13	238	7.2	19	4.96	12

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600374	255.00	257.00	2.00	phreatomagmatic bx'd granitic gneiss	0.06	1.87	0.21	143	5.3	12	2.16	10
Z114F1	J600375	257.00	259.00	2.00	phreatomagmatic bx'd granitic gneiss, alt & tr py	0.14	1.69	0.08	172	4.8	22	4.07	10
Z114F1	J600376	259.00	261.00	2.00	phreatomagmatic bx'd granitic gneiss, tr py	0.03	1.72	0.08	52	4.6	20	2.12	12
Z114F1	J600377	261.00	263.00	2.00	phreatomagmatic bx'd granitic gneiss	0.03	1.44	0.13	47	3.9	27	2.04	11
Z114F1	J600378	263.00	265.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	0.04	1.79	0.09	55	6.3	48	2.98	13
Z114F1	J600379	265.00	267.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	0.03	1.83	0.1	70	4.7	25	1.8	9
Z114F1	J600380	267.00	267.00	0.00	Control: J601133 Pulp	0.9	2.85	33	32	400	300	0.69	558
Z114F1	J600381	267.00	269.00	2.00	phreatomagmatic bx'd granitic gneiss	0.04	1.79	0.05	56	5	32	3	10
Z114F1	J600382	269.00	271.00	2.00	phreatomagmatic bx'd granitic gneiss	0.04	1.35	0.07	101	3.3	18	2.88	11
Z114F1	J600383	271.00	273.00	2.00	phreatomagmatic bx'd granitic gneiss	0.07	1.21	0.07	169	3.7	22	3.15	12
Z114F1	J600384	273.00	275.00	2.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	0.25	2.41	0.27	>500	11.6	88	5.31	19
Z114F1	J600116	289.50	290.50	1.00	nepheline syenite	0.08	1.28	0.1	222	0.7	4	4.35	7
Z114F1	J600117	290.50	291.50	1.00	nepheline syenite	0.04	1.54	0.15	246	0.9	4	4.01	5
Z114F1	J600118	291.50	292.50	1.00	nepheline syenite	0.07	1.28	0.15	242	1.7	19	5.27	5
Z114F1	J600119	292.50	293.50	1.00	nepheline syenite	0.07	2.51	0.09	124	13.8	86	4.59	21
Z114F1	J600120	293.50	294.50	1.00	nepheline syenite	0.06	1.37	0.21	124	6.5	51	3.92	15
Z114F1	J600121	294.50	295.50	1.00	nepheline syenite	0.04	1.17	0.05	59	4	25	2.16	10
Z114F1	J600122	295.50	296.50	1.00	nepheline syenite	0.03	1.38	0.06	50	4.5	29	2.21	11
Z114F1	J600123	296.50	297.50	1.00	nepheline syenite	0.14	0.87	0.22	163	2.6	10	5.27	16
Z114F1	J600124	297.50	298.50	1.00	nepheline syenite	0.05	0.94	0.09	197	1.5	7	4.93	16
Z114F1	J600125	298.50	299.50	1.00	nepheline syenite	0.03	1.49	0.11	>500	0.7	4	3.77	5
Z114F1	J600126	299.50	300.50	1.00	nepheline syenite	0.03	1.28	0.1	207	0.6	5	4.2	4
Z114F1	J600127	300.50	301.50	1.00	nepheline syenite	0.04	0.58	0.03	>500	1.3	3	3.39	2
Z114F1	J600128	301.50	302.50	1.00	nepheline syenite	0.05	0.6	0.06	253	0.9	4	4.93	2
Z114F1	J600129	302.50	303.30	0.80	nepheline syenite	0.07	0.78	0.04	>500	0.9	2	6.54	3
Z114F1	J600130	303.30	304.00	0.70	nepheline syenite	0.09	2.15	0.08	>500	4.1	5	3.01	55

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600131	304.00	305.00	1.00	nepheline syenite	0.05	1.5	0.12	448	1.2	9	3.54	15
Z114F1	J600132	305.00	306.00	1.00	nepheline syenite	0.17	1.38	0.25	470	1.1	11	3.99	8
Z114F1	J600385	311.00	312.90	1.90	nepheline syenite	0.14	1.38	0.78	>500	0.8	1	2.42	13
Z114F1	J600386	312.90	313.10	0.20	nepheline syenite	0.49	5.16	16.85	>500	32.5	<1	10.2	1090
Z114F1	J600387	313.10	315.00	1.90	nepheline syenite	0.06	1.32	0.43	>500	0.6	2	3.57	7
Z114F1	J600388	321.50	323.50	2.00	syenite, feldspathoid phyric mafic dyke	0.07	1.1	0.25	293	0.6	2	4.95	10
Z114F1	J600389	323.50	325.50	2.00	nepheline syenite, feldspathoid-rich layer with trace po	0.07	1.24	0.2	226	1	3	5.4	5
Z114F1	J600390	325.50	327.50	2.00	nepheline syenite	0.05	1.29	0.18	210	1.8	5	4.82	8
Z114F1	J600133	327.50	328.50	1.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	0.05	1.27	0.17	233	1.3	6	4.99	8
Z114F1	J600134	328.50	329.50	1.00	nepheline syenite	0.06	1.55	0.14	246	3.6	34	4.73	19
Z114F1	J600135	329.50	330.47	0.97	nepheline syenite, graphitic bx'd granitic gneiss	0.05	1.34	0.14	212	2.6	10	4.15	13
Z114F1	J600136	330.47	331.07	0.60	graphitic bx'd granitic gneiss	0.04	1.41	0.08	90	3.3	16	2.06	8
Z114F1	J600137	331.07	332.00	0.93	graphitic bx'd granitic gneiss	0.04	1.55	0.07	201	4.3	39	3.36	10
Z114F1	J600138	332.00	333.00	1.00	graphitic bx'd granitic gneiss	0.03	1.41	0.04	41	4.3	17	1.71	11
Z114F1	J600139	333.00	334.00	1.00	graphitic bx'd granitic gneiss	0.03	1.76	0.05	44	4.2	42	2.78	10
Z114F1	J600140	334.00	335.00	1.00	graphitic bx'd granitic gneiss	0.09	1.76	0.04	75	9	17	2.61	22
Z114F1	J600141	335.00	336.00	1.00	graphitic bx'd granitic gneiss	0.06	1.25	0.12	163	2.7	11	4.6	10
Z114F1	J600142	336.00	337.00	1.00	graphitic bx'd granitic gneiss	0.03	1.51	0.07	98	4.4	14	2.2	9
Z114F1	J600143	337.00	338.00	1.00	graphitic bx'd granitic gneiss	0.03	1.53	0.08	49	5.2	21	2.01	22
Z114F1	J600144	338.00	339.00	1.00	graphitic bx'd granitic gneiss	0.04	1.7	0.11	102	4.1	8	3.33	18
Z114F1	J600145	339.00	340.00	1.00	graphitic bx'd granitic gneiss	0.06	1.59	0.16	197	2.8	5	4.28	7
Z114F1	J600146	340.00	341.00	1.00	graphitic bx'd granitic gneiss	0.06	2.22	0.2	245	4.9	3	6.37	6
Z114F1	J600147	341.00	342.00	1.00	graphitic bx'd granitic gneiss	0.05	1.46	0.1	268	3.7	40	4.97	8
Z114F1	J600148	342.00	343.00	1.00	graphitic bx'd granitic gneiss	0.05	1.75	0.13	214	6.8	92	6.14	25
Z114F1	J600149	343.00	344.00	1.00	graphitic bx'd granitic gneiss	0.03	2.71	0.09	122	8.5	93	4.25	13
Z114F1	J600150	344.00	345.00	1.00	graphitic bx'd granitic gneiss	0.03	1.87	0.06	70	5.2	34	2.25	10
Z114F1	J600151	345.00	346.00	1.00	graphitic bx'd granitic gneiss	0.03	1.7	0.06	51	4.4	22	2.18	10

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600152	346.00	347.00	1.00	graphitic bx'd granitic gneiss	0.04	2.78	0.09	103	7.5	22	2.72	19
Z114F1	J600153	347.00	348.00	1.00	graphitic bx'd granitic gneiss	0.05	1.97	0.09	71	6.6	15	2.37	17
Z114F1	J600154	348.00	349.00	1.00	graphitic bx'd granitic gneiss	0.08	2.22	0.07	227	7.7	25	2.21	20
Z114F1	J600155	349.00	349.74	0.74	graphitic bx'd granitic gneiss	0.03	1.65	0.06	55	4.4	15	1.69	11
Z114F1	J600156	349.74	351.00	1.26	graphitic bx'd granitic gneiss	0.05	1.21	0.08	235	0.9	5	3.3	5
Z114F1	J600157	351.00	352.00	1.00	graphitic bx'd granitic gneiss	0.04	1.22	0.1	347	0.7	5	2.88	4
Z114F1	J600158	352.00	353.00	1.00	graphitic bx'd granitic gneiss	0.04	1.3	0.1	249	0.8	4	4.34	3
Z114F1	J600159	353.00	354.00	1.00	graphitic bx'd granitic gneiss	0.06	1.43	0.07	99	4.6	18	1.67	14
Z114F1	J600160	354.00	354.00	0.00	Control - J601132 PULP	5.12	9.67	85	29	348	150	0.33	251
Z114F1	J600161	354.00	355.00	1.00	graphitic bx'd granitic gneiss	0.06	1.88	0.09	81	6.7	25	2.36	14
Z114F1	J600162	355.00	356.00	1.00	graphitic bx'd granitic gneiss	0.08	1.35	0.17	266	1.2	5	5.6	8
Z114F1	J600163	356.00	357.00	1.00	graphitic bx'd granitic gneiss	0.07	1.08	0.15	242	0.7	4	5.9	6
Z114F1	J600164	357.00	358.00	1.00	graphitic bx'd granitic gneiss	0.07	1.36	0.16	234	2.7	8	4.89	14
Z114F1	J600165	358.00	359.00	1.00	graphitic bx'd granitic gneiss	0.03	1.68	0.14	60	5.1	23	3.15	9
Z114F1	J600166	359.00	360.00	1.00	graphitic bx'd granitic gneiss	0.03	1.58	0.06	42	3.8	18	2.44	13
Z114F1	J600167	360.00	361.00	1.00	graphitic bx'd granitic gneiss	0.07	1.27	0.06	90	4.4	19	2.49	15
Z114F1	J600168	361.00	362.00	1.00	graphitic bx'd granitic gneiss	0.05	1.41	0.09	137	3.6	18	3.71	16
Z114F1	J600169	362.00	363.00	1.00	graphitic bx'd granitic gneiss	0.04	1.65	0.06	98	4.2	27	3.81	12
Z114F1	J600170	363.00	364.00	1.00	graphitic bx'd granitic gneiss	0.05	1.84	0.05	70	5.5	35	3.7	14
Z114F1	J600171	364.00	365.00	1.00	graphitic bx'd granitic gneiss	0.05	1.86	0.04	61	5.9	29	3.29	15
Z114F1	J600172	365.00	366.00	1.00	graphitic bx'd granitic gneiss	0.05	1.78	0.05	66	6	27	2.72	15
Z114F1	J600173	366.00	367.00	1.00	graphitic bx'd granitic gneiss	0.05	2	0.07	75	7	28	3.79	15
Z114F1	J600174	367.00	368.00	1.00	graphitic bx'd granitic gneiss	0.05	1.73	0.05	49	5.5	22	2.69	14
Z114F1	J600175	368.00	368.90	0.90	graphitic bx'd granitic gneiss	0.04	1.96	0.04	68	6.6	37	4.37	14
Z114F1	J600176	368.90	369.53	0.63	graphitic bx'd granitic gneiss	0.04	2.36	0.15	81	9.9	66	4.79	9
Z114F1	J600177	369.53	370.51	0.98	graphitic bx'd granitic gneiss	0.06	1.69	0.04	55	5.7	16	2.98	21
Z114F1	J600178	370.51	371.51	1.00	graphitic bx'd granitic gneiss	0.11	2.5	0.07	89	8.8	66	5.16	18
Z114F1	J600179	371.51	372.51	1.00	graphitic bx'd granitic gneiss	0.04	2.13	0.06	61	7.5	36	3.85	15
Z114F1	J600180	372.51	372.51	0.00	Control - J601133 PULP	1.02	3.13	34.6	36	481	326	0.64	661
Z114F1	J600181	372.51	373.51	1.00	graphitic bx'd granitic gneiss	0.04	2.02	0.06	56	6.8	60	4.07	14

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600182	373.51	374.00	0.49	graphitic bx'd granitic gneiss	0.1	1.9	0.24	301	8.3	46	7.18	36
Z114F1	J600183	374.00	374.74	0.74	graphitic bx'd granitic gneiss	0.04	2.35	0.08	156	7	16	3.34	18
Z114F1	J600184	374.74	375.74	1.00	graphitic bx'd granitic gneiss	0.04	2.67	0.11	101	7.7	15	2.71	15
Z114F1	J600185	375.74	376.74	1.00	graphitic bx'd granitic gneiss	0.03	2.34	0.13	129	6.6	15	2.56	14
Z114F1	J600186	376.74	377.74	1.00	graphitic bx'd granitic gneiss	0.06	2.37	0.12	57	9.4	158	4.63	22
Z114F1	J600187	377.74	378.74	1.00	nepheline syenite	0.05	1.29	0.14	326	2.4	8	3.51	15
Z114F1	J600188	378.74	379.74	1.00	nepheline syenite	0.06	1.16	0.13	332	0.8	4	4.19	4
Z114F1	J600189	379.74	380.74	1.00	nepheline syenite	0.05	1.32	0.18	224	1.3	4	4.5	6
Z114F1	J600391	380.75	382.00	1.25	nepheline syenite	0.14	1.38	0.11	293	1.2	<1	10.45	8
Z114F1	J600392	382.00	384.00	2.00	nepheline syenite	0.25	1.31	0.22	264	1.4	1	7.08	9
Z114F1	J600393	384.00	386.00	2.00	nepheline syenite	0.14	1.12	0.19	244	1	1	6.96	10
Z114F1	J600394	386.00	388.00	2.00	nepheline syenite	0.59	1.06	0.22	211	1	2	4.14	10
Z114F1	J600395	388.00	390.00	2.00	nepheline syenite	0.19	1.15	0.22	257	1	2	2.3	6
Z114F1	J600396	390.00	392.00	2.00	nepheline syenite	0.07	1.11	0.16	242	0.8	2	4.16	4
Z114F1	J600397	392.00	394.00	2.00	nepheline syenite	0.07	1.14	0.16	256	0.8	2	2.58	5
Z114F1	J600398	394.00	396.00	2.00	nepheline syenite	0.96	1.15	0.14	234	1	2	4.89	7
Z114F1	J600399	396.00	397.38	1.38	nepheline syenite	0.07	1.18	0.13	256	0.8	1	3.32	5
Z114F1	J600190	397.38	398.38	1.00	nepheline syenite	0.06	1.29	0.15	254	0.9	4	2.94	7
Z114F1	J600191	398.38	399.38	1.00	nepheline syenite	0.06	1.25	0.17	327	0.8	4	3.93	5
Z114F1	J600192	399.38	400.38	1.00	nepheline syenite, graphitic bx'd granitic gneiss	0.04	1.54	0.12	245	1.8	5	2.88	5
Z114F1	J600193	400.38	401.20	0.82	graphitic bx'd granitic gneiss	0.05	2.14	0.05	55	5.7	16	2.03	14
Z114F1	J600194	401.20	402.00	0.80	graphitic bx'd granitic gneiss	0.07	1.57	0.1	245	3.5	11	6.13	11
Z114F1	J600195	402.00	403.00	1.00	graphitic bx'd granitic gneiss	0.05	1.93	0.07	50	4.7	17	1.98	14
Z114F1	J600196	403.00	404.00	1.00	graphitic bx'd granitic gneiss	0.04	1.94	0.07	49	4.3	15	2.46	13
Z114F1	J600197	404.00	405.00	1.00	graphitic bx'd granitic gneiss	0.05	1.9	0.09	79	5.4	15	2.47	16
Z114F1	J600198	405.00	406.00	1.00	graphitic bx'd granitic gneiss	0.04	1.71	0.05	50	4.7	14	2.37	13
Z114F1	J600199	406.00	407.00	1.00	graphitic bx'd granitic gneiss	0.05	1.79	0.06	57	5	13	1.94	18
Z114F1	J600200	407.00	407.00	0.00	Control - J601132 PULP	5.01	9.64	90.6	31	351	141	0.31	271

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600201	407.00	408.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	0.07	1.73	0.24	242	5.4	21	3.93	17
Z114F1	J600202	408.00	409.00	1.00	nepheline syenite	0.1	2.33	0.11	300	10.4	51	5.68	14
Z114F1	J600203	409.00	410.00	1.00	nepheline syenite	0.11	1.14	0.11	339	0.8	4	3.7	3
Z114F1	J600204	410.00	411.00	1.00	nepheline syenite	0.07	1.05	0.17	341	0.7	5	3.86	5
Z114F1	J600205	411.00	412.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	0.07	1.48	0.14	248	2.7	11	4.83	9
Z114F1	J600206	412.00	413.00	1.00	graphitic bx'd granitic gneiss	0.04	1.46	0.07	97	3.8	24	2.59	13
Z114F1	J600207	413.00	414.00	1.00	graphitic bx'd granitic gneiss	0.05	1.96	0.06	58	7.8	33	3.56	32
Z114F1	J600208	414.00	415.00	1.00	graphitic bx'd granitic gneiss	0.15	2.59	0.07	57	10.2	57	6.44	33
Z114F1	J600209	415.00	416.00	1.00	graphitic bx'd granitic gneiss	0.03	2.22	0.13	44	5.7	38	2.91	11
Z114F1	J600210	416.00	417.00	1.00	graphitic bx'd granitic gneiss	0.04	1.89	0.05	44	5	20	3.01	18
Z114F1	J600211	417.00	418.00	1.00	graphitic bx'd granitic gneiss	0.02	1.71	0.06	63	4.5	23	2.84	17
Z114F1	J600212	418.00	419.00	1.00	graphitic bx'd granitic gneiss	0.03	1.75	0.07	46	4.6	15	2.35	11
Z114F1	J600213	419.00	420.00	1.00	graphitic bx'd granitic gneiss	0.1	1.66	0.05	57	8.3	26	2.41	31
Z114F1	J600214	420.00	421.00	1.00	graphitic bx'd granitic gneiss	0.03	2.32	0.08	62	9.7	145	4.82	12
Z114F1	J600215	421.00	422.00	1.00	graphitic bx'd granitic gneiss	0.05	2.16	0.07	59	7.2	46	3.32	12
Z114F1	J600216	422.00	423.00	1.00	graphitic bx'd granitic gneiss	0.05	3.15	0.09	64	13.1	319	7.45	14
Z114F1	J600217	423.00	424.00	1.00	graphitic bx'd granitic gneiss	0.07	2.48	0.06	113	8	40	5.82	19
Z114F1	J600218	424.00	425.00	1.00	graphitic bx'd granitic gneiss	0.04	1.71	0.06	50	4.4	20	2.21	15
Z114F1	J600219	425.00	426.00	1.00	graphitic bx'd granitic gneiss	0.04	1.56	0.1	142	4.6	27	4.32	10
Z114F1	J600220	426.00	426.00	0.00	Control - J601133 PULP	1.15	3.04	31.5	30	455	320	0.55	636
Z114F1	J600221	426.00	427.00	1.00	graphitic bx'd granitic gneiss	0.04	1.49	0.12	184	3.5	17	3.75	10
Z114F1	J600222	427.00	428.00	1.00	graphitic bx'd granitic gneiss	0.05	1.96	0.04	58	5.7	13	2.72	23
Z114F1	J600223	428.00	429.00	1.00	graphitic bx'd granitic gneiss	0.05	1.4	0.04	46	3.6	18	2.54	12
Z114F1	J600224	429.00	430.00	1.00	graphitic bx'd granitic gneiss	0.06	2.28	0.05	59	7.4	53	4.42	12
Z114F1	J600225	430.00	431.00	1.00	graphitic bx'd granitic gneiss	0.03	1.83	0.06	49	5.3	16	2.66	27
Z114F1	J600226	431.00	432.00	1.00	graphitic bx'd granitic gneiss	0.03	4.52	0.08	104	28	62	10	27
Z114F1	J600227	432.00	433.00	1.00	graphitic bx'd granitic gneiss	0.08	3.45	0.08	92	21.2	71	7.75	55
Z114F1	J600228	433.00	434.00	1.00	graphitic bx'd granitic gneiss	0.05	6.75	0.13	140	46.2	69	15.05	54

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600229	434.00	435.00	1.00	graphitic bx'd granitic gneiss	0.06	2	0.05	64	9	36	5.84	32
Z114F1	J600230	435.00	436.00	1.00	graphitic bx'd granitic gneiss	0.04	1.75	0.06	54	5.4	39	2.72	23
Z114F1	J600231	436.00	436.67	0.67	graphitic bx'd granitic gneiss	0.05	2.75	0.09	51	9.1	320	6.71	13
Z114F1	J600232	436.67	437.38	0.71	graphitic bx'd granitic gneiss	0.06	1.65	0.05	105	5.4	38	1.74	19
Z114F1	J600233	437.38	438.50	1.12	granitic gneiss	<0.01	0.9	0.03	33	0.6	8	1.3	5
Z114F1	J600234	438.50	439.50	1.00	granitic gneiss	0.01	0.94	0.05	25	0.6	8	1.27	5
Z114F1	J600235	439.50	440.60	1.10	granitic gneiss	0.01	0.79	0.05	16	1.1	9	1.03	29
Z114F1	J600236	440.60	441.60	1.00	graphitic bx'd granitic gneiss	0.03	1.39	0.06	44	3.4	15	1.33	15
Z114F1	J600237	441.60	442.60	1.00	mafic dyke	0.06	2.6	0.2	288	12.1	21	5.96	25
Z114F1	J600238	442.60	443.60	1.00	mafic dyke	0.11	2.73	0.36	233	12.3	19	5.48	22
Z114F1	J600239	443.60	444.60	1.00	mafic dyke	0.17	2.81	0.24	299	10.8	12	6.19	20
Z114F1	J600240	444.60	444.60	0.00	Control - J601132 PULP	4.84	9.64	91.3	27	342	138	0.31	278
Z114F1	J600241	444.60	445.60	1.00	mafic dyke	0.13	2.68	0.15	352	10.8	10	4.73	15
Z114F1	J600242	445.60	446.60	1.00	mafic dyke	0.1	2.16	0.51	311	8.7	9	7.42	16
Z114F1	J600243	446.60	447.60	1.00	mafic dyke	0.09	2.35	0.12	381	9.6	11	4.2	11
Z114F1	J600244	447.60	448.60	1.00	mafic dyke	0.04	2.4	0.18	420	9.4	10	4.44	12
Z114F1	J600245	448.60	449.60	1.00	mafic dyke	0.05	2.37	0.13	342	9.2	10	4.31	13
Z114F1	J600246	449.60	450.60	1.00	mafic dyke	0.12	2.57	0.18	355	8.6	11	5.69	17
Z114F1	J600247	450.60	451.60	1.00	mafic dyke	0.11	2.41	0.19	363	9.8	58	4.01	14
Z114F1	J600248	451.60	452.60	1.00	mafic dyke	0.1	2.3	0.13	341	8.9	9	3.55	12
Z114F1	J600249	452.60	453.60	1.00	mafic dyke	0.06	2.34	0.13	334	9.7	10	3.9	14
Z114F1	J600250	453.60	454.60	1.00	mafic dyke	0.09	2.54	0.1	339	7.9	11	4.12	7
Z114F1	J600251	454.60	455.60	1.00	mafic dyke	0.06	2.8	0.13	316	8.6	12	4.9	10
Z114F1	J600252	455.60	456.67	1.07	mafic dyke	0.04	2.99	0.12	303	9.9	22	6.82	10
Z114F1	J600253	456.67	457.70	1.03	graphitic bx'd granitic gneiss and mafic dyke	0.08	1.52	0.13	246	4.3	43	3.36	9
Z114F1	J600254	457.70	458.70	1.00	graphitic bx'd granitic gneiss and mafic dyke	0.05	1.46	0.15	121	3.1	14	3.18	13
Z114F1	J600259	458.70	459.60	0.90	granitic gneiss, nephelinite	0.08	1.15	0.24	430	1.1	8	5.57	7
Z114F1	J600260	459.60	460.66	1.06	granitic gneiss	0.08	1.23	0.23	352	0.9	3	7.24	28
Z114F1	J600261	460.66	461.40	0.74	nephelinite	0.08	0.98	0.25	348	1	12	6.33	5
Z114F1	J600262	461.40	463.00	1.60	granitic gneiss	0.07	1.2	0.15	290	0.8	4	3.51	2

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
						Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Z114F1	J600263	463.00	464.60	1.60	granitic gneiss	0.04	1.21	0.16	278	0.8	3	2.86	2
Z114F1	J600264	464.60	466.20	1.60	granitic gneiss	0.04	1.34	0.14	283	0.9	4	3.02	2
Z114F1	J600265	466.20	467.30	1.10	nephelinite, nepheline syenite	0.04	1.75	0.17	217	1.9	9	3	12
Z114F1	J600266	467.30	468.50	1.20	graphitic bx'd nepheline syenite	0.04	1.98	0.07	114	4.2	47	4.48	7
Z114F1	J600267	468.50	470.00	1.50	graphitic bx'd nepheline syenite	0.09	1.9	0.04	77	7.5	15	4.33	31
Z114F1	J600268	470.00	471.50	1.50	graphitic bx'd nepheline syenite	0.06	1.42	0.05	49	4.1	22	2.29	15
Z114F1	J600269	471.50	472.80	1.30	graphitic bx'd nepheline syenite	0.04	2.1	0.1	61	7.8	17	6.35	10
Z114F1	J600270	472.80	473.70	0.90	nephelinite	0.03	1.07	0.09	53	2.2	8	2.28	12
Z114F1	J600271	473.70	474.65	0.95	nepheline syenite	0.05	1.17	0.2	238	1.7	6	3.89	20
Z114F1	J600272	474.65	476.30	1.65	graphitic bx'd nephelinite	0.02	0.83	0.05	36	1.3	9	1.45	6
Z114F1	J600273	476.30	478.00	1.70	graphitic bx'd nephelinite	0.05	1.27	0.07	124	2.7	9	2.3	8
Z114F1	J600274	478.00	479.50	1.50	graphitic bx'd nephelinite	0.03	1.15	0.08	39	1.5	8	2.11	5
Z114F1	J600275	479.50	481.00	1.50	nepheline syenite	0.05	1.16	0.13	217	1	5	5.26	1
Z114F1	J600276	481.00	482.50	1.50	phreatomagmatic, graphitic & breccia	0.06	1.33	0.22	243	1.6	3	7.02	4
Z114F1	J600277	482.50	484.00	1.50	phreatomagmatic, graphitic & breccia	0.08	1.53	0.12	331	3.6	8	3.94	14
Z114F1	J600278	484.00	485.50	1.50	phreatomagmatic, graphitic & breccia	0.15	1.4	0.15	299	6.8	4	4.74	30
Z114F1	J600279	485.50	487.00	1.50	phreatomagmatic, graphitic & breccia	0.08	1.3	0.1	99	2.8	9	1.34	10
Z114F1	J600280	487.00	488.50	1.50	phreatomagmatic, graphitic & breccia	0.06	1.55	0.07	120	3.4	6	2	14
Z114F1	J600281	488.50	490.00	1.50	nepheline syenite	0.03	1.4	0.08	165	1.5	3	2.65	3
Z114F1	J600282	490.00	492.00	2.00	nepheline syenite, po clot	0.06	1.45	0.17	152	2	4	4.48	3
Z114F1	J600283	492.00	494.00	2.00	nepheline syenite	0.08	1.32	0.23	220	1.6	4	6.08	6
Z114F1	J600284	494.00	496.00	2.00	nepheline syenite	0.17	1.45	0.12	349	5.4	3	4.82	25
Z114F1	J600285	496.00	498.00	2.00	nepheline syenite	0.05	1.43	0.14	168	2.1	3	4.49	4
Z114F1	J600286	498.00	500.00	2.00	nepheline syenite	0.05	1.39	0.11	199	1.7	3	3.05	4
Z114F1	J600287	500.00	502.00	2.00	nepheline syenite, mafic dyke	0.05	1.29	0.13	251	1.2	3	3.58	5
Z114F1	J600288	502.00	504.00	2.00	nepheline syenite	0.04	1.37	0.1	206	2.1	2	3.23	5
Z114F1	J600289	504.00	506.00	2.00	nepheline syenite	0.04	1.37	0.09	202	2.4	3	2.46	6
Z114F1	J600290	506.00	508.00	2.00	graphitic bx'd nephelinite	0.04	1.2	0.06	54	2.3	10	1.74	9
Z114F1	J600291	508.00	510.00	2.00	graphitic bx'd nephelinite	0.04	1.13	0.1	34	2.2	10	2.14	13

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600335	49.00	50.00	1.00	paleoweathered granitic gneiss	1.39	19	0.21	2.3	0.01	5.38	10	19.3
Z114F1	J600336	50.00	51.00	1.00	paleoweathered granitic gneiss	0.91	21	0.19	3.3	0.015	4.95	14	27
Z114F1	J600337	51.00	52.00	1.00	paleoweathered granitic gneiss	1.23	21	0.18	2.9	0.01	4.72	14	34.8
Z114F1	J600338	52.00	53.00	1.00	paleoweathered granitic gneiss	1.24	21	0.21	2.9	0.014	4.81	13	34.3
Z114F1	J600339	53.00	54.00	1.00	paleoweathered granitic gneiss	1.3	21	0.19	3	0.013	4.38	15	31.8
Z114F1	J600340	54.00	54.00	0.00	Control: J601133 Pulp	6.06	18	0.19	1.4	0.249	1.4	15	389
Z114F1	J600341	54.00	55.00	1.00	paleoweathered granitic gneiss	1.31	19	0.19	2.4	0.014	4.63	15	36.6
Z114F1	J600342	55.00	56.00	1.00	paleoweathered granitic gneiss	1.35	21	0.19	3.1	0.017	4.23	26	40.9
Z114F1	J600343	56.00	57.00	1.00	paleoweathered granitic gneiss	1.43	19	0.22	2.4	0.013	4.58	22	34.3
Z114F1	J600344	57.00	58.00	1.00	paleoweathered granitic gneiss	1.78	26	0.24	3.4	0.016	4.82	16	38.7
Z114F1	J600345	58.00	59.00	1.00	paleoweathered granitic gneiss	1.42	20	0.21	2.9	0.014	4.4	20	40
Z114F1	J600346	59.00	60.00	1.00	paleoweathered granitic gneiss	1.69	20	0.17	2.7	0.018	4.66	14	62.8
Z114F1	J600347	60.00	61.00	1.00	paleoweathered granitic gneiss	1.56	20	0.2	3.1	0.018	5.14	15	60.7
Z114F1	J600348	61.00	62.00	1.00	granitic gneiss	1.27	21	0.21	3.5	0.007	4.57	18	42.3
Z114F1	J600361	62.00	63.00	1.00	granitic gneiss	1.19	20	0.06	2.2	0.011	4.23	14	43
Z114F1	J600362	63.00	65.00	2.00	granitic gneiss	1.36	20	0.09	2.6	0.011	3.83	21	53.3
Z114F1	J600363	65.00	67.00	2.00	granitic gneiss	1.39	20	0.12	4.5	0.016	4.99	29	50
Z114F1	J600364	67.00	69.00	2.00	granitic gneiss	1.29	19	0.1	2.2	0.012	4.81	23	50.1
Z114F1	J600365	69.00	71.00	2.00	granitic gneiss	1.34	20	0.1	2.8	0.011	3.98	22	52.4
Z114F1	J600017	71.00	71.68	0.68	granitic gneiss	1.21	19	0.16	2.5	0.01	4.06	17	47.6
Z114F1	J600018	71.68	72.70	1.02	granitic gneiss	1.1	19	0.21	2.3	0.01	4.55	18	43.6
Z114F1	J600019	72.70	73.70	1.00	granitic gneiss	1.23	20	0.19	2.3	0.013	4.89	12	39.2
Z114F1	J600020	73.70	74.74	1.04	granitic gneiss	0.82	19	0.2	2.3	0.005	5.67	12	20.2
Z114F1	J600021	74.74	75.78	1.04	granitic gneiss	1.42	22	0.21	8.4	0.014	4.99	23	38.2
Z114F1	J600022	75.78	76.78	1.00	granitic gneiss	1.34	21	0.21	2.5	0.016	4.31	38	56.7
Z114F1	J600023	76.78	77.78	1.00	granitic gneiss/nepheline syenite	2.84	26	0.32	8.8	0.062	4.29	111	39.4
Z114F1	J600024	77.78	78.78	1.00	nepheline syenite	4.31	29	0.34	12.1	0.119	4.47	125	40.5
Z114F1	J600025	78.78	79.78	1.00	nepheline syenite	2.88	30	0.31	9.9	0.07	4.94	108	47.7
Z114F1	J600026	79.78	81.00	1.22	nepheline syenite/graphitic bx'd granitic gneiss	1.27	21	0.16	2.2	0.018	4.92	27	73

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600027	81.00	82.00	1.00	graphitic brecciated (bx'd) granitic gneiss	1.17	18	0.18	1.9	0.018	5.56	32	69.9
Z114F1	J600028	82.00	83.00	1.00	graphitic bx'd granitic gneiss	0.61	15	0.16	0.7	<0.005	4.27	11	30.6
Z114F1	J600029	83.00	84.00	1.00	graphitic bx'd granitic gneiss	0.92	17	0.17	1.9	0.01	3.99	19	45
Z114F1	J600030	84.00	85.00	1.00	graphitic bx'd granitic gneiss	0.87	19	0.18	2.3	0.01	3.93	16	43.5
Z114F1	J600031	85.00	86.00	1.00	graphitic bx'd granitic gneiss	1.21	20	0.2	2.8	0.015	4.02	36	58.4
Z114F1	J600032	86.00	87.00	1.00	graphitic bx'd granitic gneiss	1.01	20	0.17	2	0.009	3.53	17	46.2
Z114F1	J600033	87.00	88.00	1.00	graphitic bx'd granitic gneiss	0.85	18	0.15	1.4	0.011	5.06	8	29.6
Z114F1	J600034	88.00	89.00	1.00	graphitic bx'd granitic gneiss	0.95	20	0.21	2.1	0.012	3.97	21	51.3
Z114F1	J600035	89.00	89.71	0.71	graphitic bx'd granitic gneiss	1.05	21	0.18	1.6	0.014	4.51	23	43.7
Z114F1	J600036	89.71	90.71	1.00	granitic gneiss	1.01	18	0.16	3.2	0.009	3.49	17	47.6
Z114F1	J600037	90.71	91.79	1.08	granitic gneiss	1.01	20	0.2	4.5	0.006	4.31	23	50.4
Z114F1	J600038	91.79	92.79	1.00	granitic gneiss	1.04	19	0.17	2.8	0.007	3.89	19	53.1
Z114F1	J600349	92.79	94.00	1.21	granitic gneiss	1.03	20	0.19	2.7	0.011	3.65	21	48.4
Z114F1	J600350	94.00	96.00	2.00	granitic gneiss	1.27	19	0.09	2.8	0.011	3.76	21	55.9
Z114F1	J600351	96.00	98.00	2.00	granitic gneiss with trace disseminated pyrite	1.09	19	0.11	2.6	0.01	3.75	21	52.5
Z114F1	J600352	98.00	100.00	2.00	granitic gneiss with trace disseminated pyrite	1.14	18	0.11	2.5	0.01	3.77	16	53.5
Z114F1	J600353	100.00	102.00	2.00	granitic gneiss with trace disseminated pyrite	1.04	18	0.12	2.4	0.012	3.83	19	55.9
Z114F1	J600354	102.00	104.00	2.00	granitic gneiss	1.18	19	0.13	2.2	0.01	4.12	20	59.1
Z114F1	J600355	104.00	106.00	2.00	granitic gneiss	1.32	19	0.12	2.1	0.013	4.03	19	56.1
Z114F1	J600356	106.00	108.00	2.00	granitic gneiss with 0.5% pyrite between 107 & 108m	0.97	18	0.12	2.4	0.007	3.22	19	53.5
Z114F1	J600357	108.00	110.00	2.00	granitic gneiss	1.31	19	0.14	2.7	0.009	3.28	20	56.2
Z114F1	J600358	110.00	111.50	1.50	granitic gneiss	1.32	19	0.12	2.9	0.01	3.27	21	57.9
Z114F1	J600359	111.50	112.50	1.00	granitic gneiss	1.25	21	0.07	2.7	0.008	3.37	17	41.9
Z114F1	J600039	112.50	113.25	0.75	graphitic bx'd granitic gneiss	1.13	19	0.16	2.9	0.007	3.2	16	48.5
Z114F1	J600360	112.50	112.50	0.00	Control: J601133 Raw/Reject	5.84	18	0.16	1.3	0.147	1.31	16	377
Z114F1	J600040	113.25	114.00	0.75	graphitic bx'd granitic gneiss	1.25	18	0.2	2.9	0.008	3.32	17	44.1
Z114F1	J600041	114.00	115.00	1.00	graphitic bx'd granitic gneiss	1.67	19	0.16	2.9	0.012	3.12	17	84.1
Z114F1	J600042	115.00	116.00	1.00	graphitic bx'd granitic gneiss	1.09	18	0.17	2.8	0.008	3.68	17	54.1
Z114F1	J600043	116.00	117.00	1.00	graphitic bx'd granitic gneiss	1.61	20	0.2	2.8	0.016	2.75	31	82.7

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600044	117.00	118.00	1.00	graphitic bx'd granitic gneiss	1.53	20	0.16	3	0.012	2.4	19	81.5
Z114F1	J600045	118.00	119.00	1.00	graphitic bx'd granitic gneiss	1.07	20	0.17	3.1	0.011	2.71	14	57
Z114F1	J600046	119.00	120.00	1.00	graphitic bx'd granitic gneiss	1.16	19	0.18	3.1	0.006	3.36	15	53.1
Z114F1	J600047	120.00	121.00	1.00	graphitic bx'd granitic gneiss	1.14	19	0.16	3.3	0.005	3.08	15	52.8
Z114F1	J600048	121.00	121.75	0.75	graphitic bx'd granitic gneiss	1.21	18	0.15	3.1	0.009	3.34	16	54.3
Z114F1	J600049	121.75	122.50	0.75	graphitic bx'd granitic gneiss	1.09	19	0.16	3.7	0.009	3.02	15	46.1
Z114F1	J600050	122.50	123.50	1.00	graphitic bx'd granitic gneiss and fractured zone	1.27	16	0.18	2.9	0.012	4.1	14	56.1
Z114F1	J600051	123.50	124.25	0.75	graphitic bx'd granitic gneiss and fractured zone	1.36	18	0.17	2.9	0.015	3.63	14	53.8
Z114F1	J600052	124.25	125.00	0.75	graphitic bx'd granitic gneiss and fractured zone	1.09	18	0.2	2.3	0.01	3.67	15	46.8
Z114F1	J600053	125.00	126.00	1.00	graphitic bx'd granitic gneiss	1.6	20	0.19	2.9	0.012	3.49	17	70.9
Z114F1	J600054	126.00	127.00	1.00	graphitic bx'd granitic gneiss	0.92	16	0.21	2.1	<0.005	3.65	33	45.2
Z114F1	J600055	127.00	128.00	1.00	graphitic bx'd granitic gneiss	1.01	19	0.14	3.4	<0.005	3.17	14	46.7
Z114F1	J600056	128.00	129.00	1.00	graphitic bx'd granitic gneiss	0.99	20	0.16	2.8	0.006	3.57	17	52
Z114F1	J600057	129.00	130.09	1.09	graphitic bx'd granitic gneiss	1.07	20	0.17	3.2	<0.005	3.34	18	51.4
Z114F1	J600058	130.09	130.90	0.81	graphitic bx'd granitic gneiss	1.56	23	0.26	9.7	0.005	3.61	91	55.8
Z114F1	J600059	130.90	132.00	1.10	graphitic bx'd granitic gneiss	1.38	20	0.18	3.9	0.008	3.18	19	67.5
Z114F1	J600060	132.00	133.00	1.00	graphitic bx'd granitic gneiss	1.24	20	0.18	3.8	0.007	2.9	19	63.3
Z114F1	J600061	133.00	134.00	1.00	graphitic bx'd granitic gneiss	1.01	18	0.15	3.1	<0.005	3.46	15	46.1
Z114F1	J600062	134.00	134.70	0.70	graphitic bx'd granitic gneiss	1.43	26	0.34	12.5	0.007	3.99	138	32
Z114F1	J600063	134.70	135.80	1.10	graphitic bx'd granitic gneiss	1.05	18	0.15	3	<0.005	3.04	15	43.4
Z114F1	J600064	135.80	136.90	1.10	graphitic bx'd granitic gneiss	2.13	19	0.23	3	0.03	3.6	45	151.5
Z114F1	J600065	136.90	138.00	1.10	graphitic bx'd granitic gneiss	1.98	17	0.2	3.4	0.022	3.49	28	94.9
Z114F1	J600066	138.00	139.00	1.00	graphitic bx'd granitic gneiss	3.1	19	0.26	4.4	0.037	3.34	56	79
Z114F1	J600067	139.00	140.00	1.00	graphitic bx'd granitic gneiss	1.41	19	0.21	2.9	0.008	3.42	21	71.6
Z114F1	J600068	140.00	141.00	1.00	graphitic bx'd granitic gneiss	1.32	19	0.19	3.2	0.006	3.61	18	51
Z114F1	J600069	141.00	142.00	1.00	graphitic bx'd granitic gneiss	0.97	17	0.16	2.5	0.009	3.23	16	40.4
Z114F1	J600070	142.00	143.00	1.00	graphitic bx'd granitic gneiss	1.07	17	0.17	2.1	0.011	2.91	23	31.5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600071	143.00	144.00	1.00	graphitic bx'd granitic gneiss	1.13	19	0.18	2.9	0.007	2.48	19	29.7
Z114F1	J600072	144.00	144.75	0.75	graphitic bx'd granitic gneiss	1.17	19	0.15	2.6	0.006	2.78	16	26.6
Z114F1	J600073	144.75	146.00	1.25	graphitic bx'd granitic gneiss	1.57	17	0.22	2.4	0.026	3.17	48	43.3
Z114F1	J600074	146.00	147.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	3.63	21	0.28	7.3	0.036	3.56	102	131
Z114F1	J600075	147.00	148.00	1.00	mafic dyke	3.77	23	0.35	7.8	0.044	3.27	122	167
Z114F1	J600076	148.00	149.00	1.00	mafic dyke/graphitic bx'd granitic gneiss	1.97	18	0.2	3.5	0.031	2.63	47	48.1
Z114F1	J600077	149.00	150.00	1.00	graphitic bx'd granitic gneiss	1.73	18	0.2	2.7	0.023	2.61	34	21.8
Z114F1	J600078	150.00	151.00	1.00	graphitic bx'd granitic gneiss	1.33	18	0.22	2.6	0.012	2.67	24	16.1
Z114F1	J600079	151.00	152.00	1.00	graphitic bx'd granitic gneiss	1.52	18	0.2	2.9	0.022	2.87	25	24.6
Z114F1	J600080	152.00	153.00	1.00	graphitic bx'd granitic gneiss	1.84	21	0.21	3	0.022	2.91	37	49.8
Z114F1	J600081	153.00	154.00	1.00	graphitic bx'd granitic gneiss	1.92	21	0.22	3.2	0.025	2.38	40	46.6
Z114F1	J600082	154.00	155.00	1.00	graphitic bx'd granitic gneiss	2.05	19	0.2	3.2	0.019	3.19	35	52
Z114F1	J600083	155.00	156.00	1.00	graphitic bx'd granitic gneiss	1.67	19	0.18	2.9	0.02	2.82	32	34.1
Z114F1	J600084	156.00	157.00	1.00	graphitic bx'd granitic gneiss	1.63	19	0.23	2.9	0.021	2.79	27	40.7
Z114F1	J600085	157.00	158.00	1.00	graphitic bx'd granitic gneiss	1.57	18	0.21	2.4	0.017	2.88	17	36.2
Z114F1	J600086	158.00	159.00	1.00	graphitic bx'd granitic gneiss	2.11	20	0.21	2.2	0.024	2.48	27	50.3
Z114F1	J600087	159.00	160.00	1.00	graphitic bx'd granitic gneiss	1.67	18	0.17	2.8	0.011	2.76	31	31
Z114F1	J600088	160.00	161.00	1.00	graphitic bx'd granitic gneiss	1.18	18	0.16	1.7	0.016	3.22	14	22.5
Z114F1	J600089	161.00	162.00	1.00	graphitic bx'd granitic gneiss	1.66	18	0.2	2.8	0.028	2.77	29	39.3
Z114F1	J600090	162.00	163.00	1.00	graphitic bx'd granitic gneiss	1.64	19	0.18	2.4	0.02	2.86	22	33.4
Z114F1	J600091	163.00	164.00	1.00	graphitic bx'd granitic gneiss	1.48	20	0.21	2.8	0.018	2.93	30	29.9
Z114F1	J600092	164.00	165.00	1.00	graphitic bx'd granitic gneiss	1.38	18	0.17	2.3	0.011	2.72	18	19.5
Z114F1	J600093	165.00	166.00	1.00	graphitic bx'd granitic gneiss and fractured zone	1.79	19	0.2	3	0.03	3.05	37	48.3
Z114F1	J600094	166.00	167.00	1.00	graphitic bx'd granitic gneiss and fractured zone	2.37	21	0.21	4.1	0.025	3.31	58	77.7
Z114F1	J600095	167.00	168.00	1.00	graphitic bx'd granitic gneiss and fractured zone	3.59	23	0.31	7.5	0.038	4.03	104	168.5
Z114F1	J600096	168.00	169.00	1.00	graphitic bx'd granitic gneiss and fractured zone	2.03	24	0.25	5.1	0.012	2.75	96	61.7

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600097	169.00	170.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	2.83	23	0.3	6.2	0.03	2.96	87	87.6
Z114F1	J600098	170.00	171.00	1.00	mafic dyke	5.32	26	0.4	11.5	0.049	4.45	145	234
Z114F1	J600099	171.00	172.00	1.00	mafic dyke	4.29	24	0.28	8.8	0.041	3.13	135	155.5
Z114F1	J600100	172.00	173.00	1.00	graphitic bx'd granitic gneiss	1.42	17	0.2	2.6	0.024	2.2	29	14
Z114F1	J600101	173.00	174.00	1.00	graphitic bx'd granitic gneiss	1.49	16	0.18	2.2	0.024	2.44	26	14.1
Z114F1	J600102	174.00	175.00	1.00	graphitic bx'd granitic gneiss	1.54	17	0.17	2.5	0.02	2.56	26	15.9
Z114F1	J600103	175.00	176.00	1.00	graphitic bx'd granitic gneiss	1.49	17	0.19	2.5	0.019	2.6	29	18.3
Z114F1	J600104	176.00	177.00	1.00	graphitic bx'd granitic gneiss	1.55	17	0.21	2.4	0.02	2.56	27	21.1
Z114F1	J600105	177.00	178.00	1.00	graphitic bx'd granitic gneiss	1.48	18	0.08	2.3	0.023	2.52	24	23.8
Z114F1	J600106	178.00	179.00	1.00	graphitic bx'd granitic gneiss	1.52	19	0.09	2.3	0.023	2.68	24	28.1
Z114F1	J600107	179.00	180.02	1.02	graphitic bx'd granitic gneiss	1.16	18	0.11	2.4	0.018	2.91	17	23.6
Z114F1	J600108	180.02	181.00	0.98	granitic gneiss	0.94	20	0.13	3.2	0.014	3.62	15	27.4
Z114F1	J600109	181.00	182.00	1.00	granitic gneiss	1.23	23	0.18	4	0.015	4	32	25.8
Z114F1	J600110	182.00	183.06	1.06	granitic gneiss	1.74	25	0.18	4.9	0.031	2.51	56	65.8
Z114F1	J600111	183.06	184.00	0.94	graphitic bx'd granitic gneiss	1.41	20	0.22	2.6	0.021	2.93	33	32.6
Z114F1	J600112	184.00	185.00	1.00	graphitic bx'd granitic gneiss	1.47	19	0.21	2.3	0.015	2.93	29	39.2
Z114F1	J600113	185.00	186.00	1.00	graphitic bx'd granitic gneiss	1.84	21	0.24	2.9	0.021	2.95	37	29.6
Z114F1	J600114	186.00	187.00	1.00	graphitic bx'd granitic gneiss	1.48	18	0.21	2.4	0.014	2.59	24	26
Z114F1	J600115	187.00	188.00	1.00	graphitic bx'd granitic gneiss	1.59	19	0.19	2.4	0.014	2.67	24	34.3
Z114F1	J600366	188.00	189.00	1.00	graphitic bx'd granitic gneiss	1.6	19	0.12	2.6	0.012	2.63	30	35.4
Z114F1	J600367	189.00	191.00	2.00	graphitic bx'd granitic gneiss, trachyte	1.5	18	0.14	2.5	0.015	2.79	32	32.2
Z114F1	J600368	191.00	193.00	2.00	trachyte	1.63	19	0.16	2.6	0.02	3.05	32	28.2
Z114F1	J600369	193.00	195.00	2.00	trachyte, lamprophyre dyke, syenite	4.89	24	0.32	9.1	0.055	3.76	121	187.5
Z114F1	J600370	195.00	197.00	2.00	syenite	5.44	27	0.33	12	0.054	5.18	123	206
Z114F1	J600371	219.50	221.50	2.00	spotted syenite with mafic dykes, pyrrhotite on fracture	4.85	28	0.28	12.3	0.053	3.9	118	49.3
Z114F1	J600372	236.00	238.00	2.00	syenite with strong orange and pink potassic alteration	3.8	36	1.59	7.5	0.04	4.97	2110	230
Z114F1	J600373	253.00	255.00	2.00	syenite and phreatomagmatic bx'd granitic gneiss	3.01	22	0.24	5.6	0.051	3.09	130	54.5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600374	255.00	257.00	2.00	phreatomagmatic bx'd granitic gneiss	2.22	22	0.2	3.9	0.029	2.53	76	48.9
Z114F1	J600375	257.00	259.00	2.00	phreatomagmatic bx'd granitic gneiss, alt & tr py	1.91	23	0.22	6.6	0.027	2.47	97	47.2
Z114F1	J600376	259.00	261.00	2.00	phreatomagmatic bx'd granitic gneiss, tr py	1.71	21	0.12	3.3	0.022	2.58	31	42.8
Z114F1	J600377	261.00	263.00	2.00	phreatomagmatic bx'd granitic gneiss	1.5	22	0.13	2.5	0.02	2.57	27	49.4
Z114F1	J600378	263.00	265.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	1.89	22	0.15	3.4	0.026	2.58	30	51.9
Z114F1	J600379	265.00	267.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	1.74	20	0.15	3.1	0.025	2.12	42	53.2
Z114F1	J600380	267.00	267.00	0.00	Control: J601133 Pulp	5.53	18	0.24	1.3	0.251	1.32	15	395
Z114F1	J600381	267.00	269.00	2.00	phreatomagmatic bx'd granitic gneiss	1.63	19	0.19	2.4	0.022	2.43	30	41.9
Z114F1	J600382	269.00	271.00	2.00	phreatomagmatic bx'd granitic gneiss	1.87	21	0.18	3	0.019	2.92	53	73
Z114F1	J600383	271.00	273.00	2.00	phreatomagmatic bx'd granitic gneiss	2.09	25	0.31	6.9	0.03	2.97	91	66.3
Z114F1	J600384	273.00	275.00	2.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	3.67	37	0.81	12.3	0.059	3.24	387	134
Z114F1	J600116	289.50	290.50	1.00	nepheline syenite	4.39	25	0.37	9.9	0.104	4.32	104	39.8
Z114F1	J600117	290.50	291.50	1.00	nepheline syenite	5.38	24	0.42	11.4	0.131	4.23	111	36.6
Z114F1	J600118	291.50	292.50	1.00	nepheline syenite	3.17	25	0.38	9.4	0.058	3.84	122	51.1
Z114F1	J600119	292.50	293.50	1.00	nepheline syenite	2.94	21	0.3	5.7	0.039	2.59	66	77.8
Z114F1	J600120	293.50	294.50	1.00	nepheline syenite	2.86	23	0.27	4.8	0.038	3.31	65	121
Z114F1	J600121	294.50	295.50	1.00	nepheline syenite	1.67	22	0.23	2.7	0.022	2.81	30	86
Z114F1	J600122	295.50	296.50	1.00	nepheline syenite	1.89	22	0.23	2.7	0.03	2.59	25	68.6
Z114F1	J600123	296.50	297.50	1.00	nepheline syenite	2.15	26	0.32	10.6	0.043	3.45	87	63.9
Z114F1	J600124	297.50	298.50	1.00	nepheline syenite	3.39	27	0.36	10.5	0.077	3.97	101	36.7
Z114F1	J600125	298.50	299.50	1.00	nepheline syenite	4.59	29	0.6	7.9	0.119	4.22	321	34.9
Z114F1	J600126	299.50	300.50	1.00	nepheline syenite	4.19	27	0.37	7.7	0.112	4.17	108	30.3
Z114F1	J600127	300.50	301.50	1.00	nepheline syenite	3.95	31	0.84	9.3	0.058	4.62	448	63.4
Z114F1	J600128	301.50	302.50	1.00	nepheline syenite	4.22	28	0.4	8.1	0.062	4.7	122	59.2
Z114F1	J600129	302.50	303.30	0.80	nepheline syenite	4.89	37	1.87	6.6	0.138	4.5	1420	80
Z114F1	J600130	303.30	304.00	0.70	nepheline syenite	4.01	33	1.15	8.3	0.108	4.17	760	87.8

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600131	304.00	305.00	1.00	nepheline syenite	4.2	25	0.51	7.5	0.092	4.18	216	86.8
Z114F1	J600132	305.00	306.00	1.00	nepheline syenite	4.85	26	0.59	11.1	0.102	4.25	252	50.2
Z114F1	J600385	311.00	312.90	1.90	nepheline syenite	4.2	31	1.56	7.1	0.152	3.95	700	45.4
Z114F1	J600386	312.90	313.10	0.20	nepheline syenite	11.2	60	9.47	11.7	0.15	2.87	5740	610
Z114F1	J600387	313.10	315.00	1.90	nepheline syenite	4.36	27	0.65	9.7	0.124	3.94	378	39.5
Z114F1	J600388	321.50	323.50	2.00	syenite, feldspathoid phyric mafic dyke	4.04	28	0.44	7.4	0.089	3.98	148	52.4
Z114F1	J600389	323.50	325.50	2.00	nepheline syenite, feldspathoid-rich layer with trace po	3.63	27	0.4	8.3	0.095	3.88	114	29.3
Z114F1	J600390	325.50	327.50	2.00	nepheline syenite	2.6	25	0.37	6.8	0.063	3.4	107	50.8
Z114F1	J600133	327.50	328.50	1.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	2.85	27	0.31	9.9	0.064	3.79	114	47
Z114F1	J600134	328.50	329.50	1.00	nepheline syenite	3.01	24	0.33	9.4	0.064	3.03	121	89.1
Z114F1	J600135	329.50	330.47	0.97	nepheline syenite, graphitic bx'd granitic gneiss	2.51	24	0.31	8.2	0.05	3.3	105	38.2
Z114F1	J600136	330.47	331.07	0.60	graphitic bx'd granitic gneiss	1.89	22	0.19	4.7	0.028	2.64	46	55.5
Z114F1	J600137	331.07	332.00	0.93	graphitic bx'd granitic gneiss	2.69	23	0.26	8.8	0.036	2.66	108	89.6
Z114F1	J600138	332.00	333.00	1.00	graphitic bx'd granitic gneiss	1.48	20	0.17	2.6	0.016	2.53	20	48.8
Z114F1	J600139	333.00	334.00	1.00	graphitic bx'd granitic gneiss	2.09	20	0.17	2.6	0.023	2.49	21	74.9
Z114F1	J600140	334.00	335.00	1.00	graphitic bx'd granitic gneiss	2.48	21	0.22	2.7	0.02	2.21	34	78
Z114F1	J600141	335.00	336.00	1.00	graphitic bx'd granitic gneiss	2.22	29	0.24	8.3	0.023	2.75	88	56.8
Z114F1	J600142	336.00	337.00	1.00	graphitic bx'd granitic gneiss	2.05	22	0.23	4.8	0.023	2.73	49	63.6
Z114F1	J600143	337.00	338.00	1.00	graphitic bx'd granitic gneiss	2.05	20	0.17	3.6	0.02	2.34	24	69.2
Z114F1	J600144	338.00	339.00	1.00	graphitic bx'd granitic gneiss	3.44	23	0.24	6.1	0.039	3.15	50	83.3
Z114F1	J600145	339.00	340.00	1.00	graphitic bx'd granitic gneiss	4.35	25	0.32	9.7	0.073	4.02	94	49.5
Z114F1	J600146	340.00	341.00	1.00	graphitic bx'd granitic gneiss	7.35	23	0.4	10.6	0.107	3.91	121	92.1
Z114F1	J600147	341.00	342.00	1.00	graphitic bx'd granitic gneiss	4.18	25	0.37	9.6	0.064	3.57	136	64.5
Z114F1	J600148	342.00	343.00	1.00	graphitic bx'd granitic gneiss	3.65	27	0.32	8.7	0.053	3.12	109	127
Z114F1	J600149	343.00	344.00	1.00	graphitic bx'd granitic gneiss	3.54	20	0.24	4.2	0.052	2.4	59	125.5
Z114F1	J600150	344.00	345.00	1.00	graphitic bx'd granitic gneiss	2.17	20	0.18	3.8	0.032	2.38	35	56.5
Z114F1	J600151	345.00	346.00	1.00	graphitic bx'd granitic gneiss	1.81	20	0.19	2.4	0.019	2.6	24	68.7

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600152	346.00	347.00	1.00	graphitic bx'd granitic gneiss	2.42	22	0.22	2.8	0.03	1.87	49	83.3
Z114F1	J600153	347.00	348.00	1.00	graphitic bx'd granitic gneiss	2.2	21	0.18	2.7	0.02	1.73	33	71.7
Z114F1	J600154	348.00	349.00	1.00	graphitic bx'd granitic gneiss	2.3	22	0.27	2.8	0.027	1.73	143	68.7
Z114F1	J600155	349.00	349.74	0.74	graphitic bx'd granitic gneiss	1.93	22	0.18	3.3	0.025	2.25	26	64.2
Z114F1	J600156	349.74	351.00	1.26	graphitic bx'd granitic gneiss	4.27	26	0.37	9.9	0.091	4.4	105	46.6
Z114F1	J600157	351.00	352.00	1.00	graphitic bx'd granitic gneiss	4.48	28	0.44	9.6	0.105	4.15	159	24.6
Z114F1	J600158	352.00	353.00	1.00	graphitic bx'd granitic gneiss	4.39	27	0.38	9.7	0.091	4.28	116	22.7
Z114F1	J600159	353.00	354.00	1.00	graphitic bx'd granitic gneiss	1.92	21	0.21	5	0.028	2.68	49	52.1
Z114F1	J600160	354.00	354.00	0.00	Control - J601132 PULP	4.8	10	0.18	0.8	0.431	1.81	13	348
Z114F1	J600161	354.00	355.00	1.00	graphitic bx'd granitic gneiss	2.44	21	0.09	3.8	0.048	2.29	39	94.6
Z114F1	J600162	355.00	356.00	1.00	graphitic bx'd granitic gneiss	4.11	26	0.36	12.4	0.098	4.02	122	35
Z114F1	J600163	356.00	357.00	1.00	graphitic bx'd granitic gneiss	4	27	0.37	12.8	0.09	4.37	109	27.6
Z114F1	J600164	357.00	358.00	1.00	graphitic bx'd granitic gneiss	3.72	26	0.37	10.9	0.084	3.76	113	36.7
Z114F1	J600165	358.00	359.00	1.00	graphitic bx'd granitic gneiss	2.1	20	0.22	2.9	0.022	2.51	26	86.7
Z114F1	J600166	359.00	360.00	1.00	graphitic bx'd granitic gneiss	1.73	18	0.16	3	0.015	1.94	21	69.7
Z114F1	J600167	360.00	361.00	1.00	graphitic bx'd granitic gneiss	1.67	20	0.23	3.6	0.012	2.32	42	72.3
Z114F1	J600168	361.00	362.00	1.00	graphitic bx'd granitic gneiss	3.02	23	0.29	6.6	0.046	3.37	66	52.3
Z114F1	J600169	362.00	363.00	1.00	graphitic bx'd granitic gneiss	2.42	22	0.16	5.2	0.036	2.91	48	54
Z114F1	J600170	363.00	364.00	1.00	graphitic bx'd granitic gneiss	2.04	20	0.13	2.7	0.018	2.43	34	66.2
Z114F1	J600171	364.00	365.00	1.00	graphitic bx'd granitic gneiss	2.09	20	0.13	2.6	0.017	2.28	30	55.4
Z114F1	J600172	365.00	366.00	1.00	graphitic bx'd granitic gneiss	2.03	20	0.14	3.2	0.017	2.41	32	46.7
Z114F1	J600173	366.00	367.00	1.00	graphitic bx'd granitic gneiss	2.18	21	0.13	3	0.019	2.25	36	59.4
Z114F1	J600174	367.00	368.00	1.00	graphitic bx'd granitic gneiss	1.8	20	0.11	3.1	0.014	2.28	24	47.8
Z114F1	J600175	368.00	368.90	0.90	graphitic bx'd granitic gneiss	2.28	19	0.13	2.9	0.022	2.37	33	66.2
Z114F1	J600176	368.90	369.53	0.63	graphitic bx'd granitic gneiss	2.9	22	0.16	4.6	0.035	2.59	36	97.2
Z114F1	J600177	369.53	370.51	0.98	graphitic bx'd granitic gneiss	1.72	20	0.13	2.9	0.014	2.42	27	53.7
Z114F1	J600178	370.51	371.51	1.00	graphitic bx'd granitic gneiss	2.95	20	0.16	2.9	0.034	2.47	43	67.8
Z114F1	J600179	371.51	372.51	1.00	graphitic bx'd granitic gneiss	2.34	20	0.15	3.3	0.022	2.14	31	63.3
Z114F1	J600180	372.51	372.51	0.00	Control - J601133 PULP	6.14	18	0.4	1.6	0.279	1.5	17	416
Z114F1	J600181	372.51	373.51	1.00	graphitic bx'd granitic gneiss	2.33	21	0.12	3.1	0.025	2.53	28	64.7

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600182	373.51	374.00	0.49	graphitic bx'd granitic gneiss	4.14	25	0.27	10.9	0.026	3.31	166	165
Z114F1	J600183	374.00	374.74	0.74	graphitic bx'd granitic gneiss	2.51	23	0.16	3.3	0.031	2.01	89	67.4
Z114F1	J600184	374.74	375.74	1.00	graphitic bx'd granitic gneiss	2.67	22	0.14	2.2	0.035	1.69	55	72.9
Z114F1	J600185	375.74	376.74	1.00	graphitic bx'd granitic gneiss	2.02	21	0.17	3.1	0.031	2.08	66	67.1
Z114F1	J600186	376.74	377.74	1.00	graphitic bx'd granitic gneiss	2.73	19	0.13	3	0.032	2.43	27	102.5
Z114F1	J600187	377.74	378.74	1.00	nepheline syenite	3.81	27	0.29	12.5	0.074	4.08	156	62.8
Z114F1	J600188	378.74	379.74	1.00	nepheline syenite	4.2	30	0.33	12.8	0.109	4.86	147	35.8
Z114F1	J600189	379.74	380.74	1.00	nepheline syenite	4.48	25	0.28	10.7	0.102	5	99	48.2
Z114F1	J600391	380.75	382.00	1.25	nepheline syenite	4.05	25	0.46	8.6	0.076	4.51	145	115
Z114F1	J600392	382.00	384.00	2.00	nepheline syenite	4.1	25	0.44	8.5	0.076	4.74	133	87.6
Z114F1	J600393	384.00	386.00	2.00	nepheline syenite	3.7	27	0.44	8.1	0.076	4.51	126	78.2
Z114F1	J600394	386.00	388.00	2.00	nepheline syenite	3.47	27	0.41	7.9	0.105	4.35	104	39.9
Z114F1	J600395	388.00	390.00	2.00	nepheline syenite	3.63	27	0.43	9.8	0.084	4.47	130	36.4
Z114F1	J600396	390.00	392.00	2.00	nepheline syenite	3.94	26	0.46	10.2	0.087	4.38	123	42.1
Z114F1	J600397	392.00	394.00	2.00	nepheline syenite	3.9	25	0.47	8.9	0.096	4.28	125	32.7
Z114F1	J600398	394.00	396.00	2.00	nepheline syenite	3.8	25	0.42	9.4	0.091	4.31	117	29
Z114F1	J600399	396.00	397.38	1.38	nepheline syenite	3.95	24	0.49	6.4	0.093	4.3	124	28.2
Z114F1	J600190	397.38	398.38	1.00	nepheline syenite	4.36	24	0.32	9.7	0.103	4.91	114	39.5
Z114F1	J600191	398.38	399.38	1.00	nepheline syenite	4.34	26	0.34	9.7	0.105	4.76	141	26.1
Z114F1	J600192	399.38	400.38	1.00	nepheline syenite, graphitic bx'd granitic gneiss	3.27	23	0.27	6.7	0.065	3.72	113	38.1
Z114F1	J600193	400.38	401.20	0.82	graphitic bx'd granitic gneiss	2.25	20	0.14	2.6	0.021	2.15	27	60.2
Z114F1	J600194	401.20	402.00	0.80	graphitic bx'd granitic gneiss	2.25	28	0.23	16.2	0.027	2.78	130	76.7
Z114F1	J600195	402.00	403.00	1.00	graphitic bx'd granitic gneiss	1.56	20	0.14	2.8	0.012	2.46	25	44.4
Z114F1	J600196	403.00	404.00	1.00	graphitic bx'd granitic gneiss	1.78	21	0.13	3.5	0.016	1.79	25	69.8
Z114F1	J600197	404.00	405.00	1.00	graphitic bx'd granitic gneiss	1.86	23	0.15	4.8	0.026	2.35	39	63.3
Z114F1	J600198	405.00	406.00	1.00	graphitic bx'd granitic gneiss	1.83	20	0.13	2.9	0.015	2.25	25	57.4
Z114F1	J600199	406.00	407.00	1.00	graphitic bx'd granitic gneiss	1.86	20	0.14	2.9	0.014	2.12	28	55.8
Z114F1	J600200	407.00	407.00	0.00	Control - J601132 PULP	4.67	9	0.16	0.9	0.466	1.84	15	334

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600201	407.00	408.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	3.29	26	0.25	11.3	0.066	3.29	119	45.3
Z114F1	J600202	408.00	409.00	1.00	nepheline syenite	4.33	26	0.3	10.8	0.089	3.71	141	66
Z114F1	J600203	409.00	410.00	1.00	nepheline syenite	3.96	28	0.34	10.4	0.108	4.44	160	30.5
Z114F1	J600204	410.00	411.00	1.00	nepheline syenite	3.67	29	0.34	12.8	0.085	4.75	166	36.4
Z114F1	J600205	411.00	412.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	3.15	28	0.26	11.7	0.052	3.31	137	54.9
Z114F1	J600206	412.00	413.00	1.00	graphitic bx'd granitic gneiss	1.89	21	0.14	4.2	0.013	2.66	58	57.4
Z114F1	J600207	413.00	414.00	1.00	graphitic bx'd granitic gneiss	2.43	20	0.14	2.3	0.01	2.24	32	79.4
Z114F1	J600208	414.00	415.00	1.00	graphitic bx'd granitic gneiss	3.33	21	0.16	3.6	0.02	1.95	31	77
Z114F1	J600209	415.00	416.00	1.00	graphitic bx'd granitic gneiss	2.29	21	0.14	2.5	0.021	1.92	23	61.6
Z114F1	J600210	416.00	417.00	1.00	graphitic bx'd granitic gneiss	1.99	22	0.12	2.1	0.011	2.01	24	54.8
Z114F1	J600211	417.00	418.00	1.00	graphitic bx'd granitic gneiss	1.76	22	0.14	2.3	0.005	2.23	37	61.8
Z114F1	J600212	418.00	419.00	1.00	graphitic bx'd granitic gneiss	1.72	21	0.15	2.6	0.008	2.27	26	57.3
Z114F1	J600213	419.00	420.00	1.00	graphitic bx'd granitic gneiss	2.45	19	0.15	2.5	0.009	2.62	31	38.8
Z114F1	J600214	420.00	421.00	1.00	graphitic bx'd granitic gneiss	2.58	21	0.18	3.3	0.02	2.8	31	79.4
Z114F1	J600215	421.00	422.00	1.00	graphitic bx'd granitic gneiss	2.28	19	0.17	2.5	0.017	2.26	30	61.9
Z114F1	J600216	422.00	423.00	1.00	graphitic bx'd granitic gneiss	3.27	19	0.15	3.1	0.031	1.89	36	129
Z114F1	J600217	423.00	424.00	1.00	graphitic bx'd granitic gneiss	2.8	23	0.17	6.5	0.025	1.92	64	86.6
Z114F1	J600218	424.00	425.00	1.00	graphitic bx'd granitic gneiss	1.58	21	0.12	3	0.005	2.62	27	41.9
Z114F1	J600219	425.00	426.00	1.00	graphitic bx'd granitic gneiss	2.63	29	0.25	9.4	0.018	2.83	83	84.9
Z114F1	J600220	426.00	426.00	0.00	Control - J601133 PULP	6.13	18	0.36	1.5	0.264	1.4	15	419
Z114F1	J600221	426.00	427.00	1.00	graphitic bx'd granitic gneiss	2.44	26	0.23	10.1	0.025	2.64	105	59.2
Z114F1	J600222	427.00	428.00	1.00	graphitic bx'd granitic gneiss	2.16	21	0.17	2.2	0.009	2.08	32	45.1
Z114F1	J600223	428.00	429.00	1.00	graphitic bx'd granitic gneiss	1.43	20	0.15	3.3	<0.005	3.03	24	31.2
Z114F1	J600224	429.00	430.00	1.00	graphitic bx'd granitic gneiss	2.33	19	0.18	3	0.019	2.73	32	56.2
Z114F1	J600225	430.00	431.00	1.00	graphitic bx'd granitic gneiss	1.95	22	0.14	3	<0.005	1.85	26	47.7
Z114F1	J600226	431.00	432.00	1.00	graphitic bx'd granitic gneiss	6.49	18	0.22	3.4	0.038	2.03	52	71.3
Z114F1	J600227	432.00	433.00	1.00	graphitic bx'd granitic gneiss	5.35	20	0.23	3.2	0.023	2.21	48	55.2
Z114F1	J600228	433.00	434.00	1.00	graphitic bx'd granitic gneiss	9.95	18	0.31	4.1	0.076	1.98	74	74.8

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600229	434.00	435.00	1.00	graphitic bx'd granitic gneiss	2.84	21	0.17	3.1	0.019	2.23	34	43.4
Z114F1	J600230	435.00	436.00	1.00	graphitic bx'd granitic gneiss	2.01	20	0.13	2.8	0.014	2.63	30	31.4
Z114F1	J600231	436.00	436.67	0.67	graphitic bx'd granitic gneiss	2.72	18	0.15	2.4	0.026	2.87	27	63
Z114F1	J600232	436.67	437.38	0.71	graphitic bx'd granitic gneiss	1.86	21	0.22	3.4	0.02	2.54	52	84.7
Z114F1	J600233	437.38	438.50	1.12	granitic gneiss	1.18	19	0.17	2.5	0.007	3.33	15	23.9
Z114F1	J600234	438.50	439.50	1.00	granitic gneiss	0.93	18	0.12	2.2	<0.005	3.51	13	15.4
Z114F1	J600235	439.50	440.60	1.10	granitic gneiss	1.02	18	0.11	2.3	<0.005	3.46	9	13.1
Z114F1	J600236	440.60	441.60	1.00	graphitic bx'd granitic gneiss	1.65	20	0.14	2.8	0.018	2.34	25	23.3
Z114F1	J600237	441.60	442.60	1.00	mafic dyke	5.61	27	0.31	8.1	0.051	3.68	153	106.5
Z114F1	J600238	442.60	443.60	1.00	mafic dyke	5.61	25	0.28	7.8	0.05	3.53	121	89.6
Z114F1	J600239	443.60	444.60	1.00	mafic dyke	5.81	28	0.3	10.8	0.046	3.98	162	123.5
Z114F1	J600240	444.60	444.60	0.00	Control - J601132 PULP	4.84	10	0.12	0.8	0.461	1.8	14	345
Z114F1	J600241	444.60	445.60	1.00	mafic dyke	5.4	26	0.34	12.1	0.065	4.08	170	97.2
Z114F1	J600242	445.60	446.60	1.00	mafic dyke	4.62	27	0.29	9.6	0.057	3.71	154	101
Z114F1	J600243	446.60	447.60	1.00	mafic dyke	5.11	24	0.33	11.3	0.058	4.12	179	55.5
Z114F1	J600244	447.60	448.60	1.00	mafic dyke	5.25	26	0.39	11.1	0.056	4.22	211	58.6
Z114F1	J600245	448.60	449.60	1.00	mafic dyke	4.98	25	0.35	10.8	0.059	4.02	166	51
Z114F1	J600246	449.60	450.60	1.00	mafic dyke	5.26	25	0.33	9.6	0.069	3.97	174	66.5
Z114F1	J600247	450.60	451.60	1.00	mafic dyke	5.32	25	0.34	12.1	0.061	4.24	178	53.5
Z114F1	J600248	451.60	452.60	1.00	mafic dyke	5.11	25	0.33	10.8	0.054	4.17	168	54.5
Z114F1	J600249	452.60	453.60	1.00	mafic dyke	5.13	25	0.33	9.8	0.061	4.21	168	57.5
Z114F1	J600250	453.60	454.60	1.00	mafic dyke	5.54	27	0.3	11	0.066	3.82	164	49.1
Z114F1	J600251	454.60	455.60	1.00	mafic dyke	5.52	26	0.3	9.9	0.065	3.75	154	86.1
Z114F1	J600252	455.60	456.67	1.07	mafic dyke	5.67	26	0.3	8	0.065	3.41	142	137.5
Z114F1	J600253	456.67	457.70	1.03	graphitic bx'd granitic gneiss and mafic dyke	2.7	23	0.21	7.9	0.07	2.99	122	63.6
Z114F1	J600254	457.70	458.70	1.00	graphitic bx'd granitic gneiss and mafic dyke	2.17	22	0.11	4.9	0.034	2.96	60	45.7
Z114F1	J600259	458.70	459.60	0.90	granitic gneiss, nephelinite	3.25	27	0.38	13	0.08	3.87	207	16.1
Z114F1	J600260	459.60	460.66	1.06	granitic gneiss	4.08	28	0.41	10.6	0.097	4.1	159	22.1
Z114F1	J600261	460.66	461.40	0.74	nephelinite	3.67	24	0.32	9.8	0.071	4.33	179	29.7
Z114F1	J600262	461.40	463.00	1.60	granitic gneiss	4.08	25	0.38	7.3	0.09	4.29	135	34.1

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	ppm	ppm	%	ppm	ppm
						Fe	Ga	Ge	Hf	In	K	La	Li
Z114F1	J600263	463.00	464.60	1.60	granitic gneiss	4.11	25	0.38	6.9	0.091	4.24	124	42.2
Z114F1	J600264	464.60	466.20	1.60	granitic gneiss	4.14	25	0.4	6	0.1	4.29	117	39.2
Z114F1	J600265	466.20	467.30	1.10	nephelinite, nepheline syenite	5.14	24	0.37	6.3	0.102	3.94	94	20.8
Z114F1	J600266	467.30	468.50	1.20	graphitic bx'd nepheline syenite	2.5	21	0.14	3.2	0.033	2.58	55	120
Z114F1	J600267	468.50	470.00	1.50	graphitic bx'd nepheline syenite	3.27	24	0.13	3.7	0.033	2.37	37	72.6
Z114F1	J600268	470.00	471.50	1.50	graphitic bx'd nepheline syenite	1.73	23	0.1	3.1	0.018	2.45	25	43.9
Z114F1	J600269	471.50	472.80	1.30	graphitic bx'd nepheline syenite	2.32	22	0.14	4	0.03	2.6	33	92.4
Z114F1	J600270	472.80	473.70	0.90	nephelinite	1.29	22	0.12	4	0.012	2.94	26	38.4
Z114F1	J600271	473.70	474.65	0.95	nepheline syenite	3.47	25	0.33	8.6	0.066	3.89	111	24.8
Z114F1	J600272	474.65	476.30	1.65	graphitic bx'd nephelinite	1.08	19	0.05	2.4	0.017	3.43	17	18.9
Z114F1	J600273	476.30	478.00	1.70	graphitic bx'd nephelinite	1.91	22	0.12	3.5	0.024	2.62	63	56.5
Z114F1	J600274	478.00	479.50	1.50	graphitic bx'd nephelinite	1.27	23	0.14	3.5	0.018	2.64	21	29.6
Z114F1	J600275	479.50	481.00	1.50	nepheline syenite	2.95	24	0.31	8.4	0.073	3.67	95	26.5
Z114F1	J600276	481.00	482.50	1.50	phreatomagmatic, graphitic & breccia	4.23	24	0.39	9.9	0.089	4.61	113	44.1
Z114F1	J600277	482.50	484.00	1.50	phreatomagmatic, graphitic & breccia	3.54	26	0.36	7.2	0.043	2.79	174	97.5
Z114F1	J600278	484.00	485.50	1.50	phreatomagmatic, graphitic & breccia	4.83	27	0.32	10.2	0.022	3.37	176	107
Z114F1	J600279	485.50	487.00	1.50	phreatomagmatic, graphitic & breccia	2.12	19	0.19	3.2	0.03	2.79	57	18.7
Z114F1	J600280	487.00	488.50	1.50	phreatomagmatic, graphitic & breccia	2.8	22	0.21	4.5	0.047	3.37	64	27.3
Z114F1	J600281	488.50	490.00	1.50	nepheline syenite	3.79	20	0.26	6.3	0.06	4.63	85	38.2
Z114F1	J600282	490.00	492.00	2.00	nepheline syenite, po clot	4.16	22	0.27	6.2	0.063	4.86	77	34.4
Z114F1	J600283	492.00	494.00	2.00	nepheline syenite	3.86	25	0.32	8.9	0.067	4.57	116	29.2
Z114F1	J600284	494.00	496.00	2.00	nepheline syenite	4.87	29	0.36	11.9	0.027	3.52	203	117.5
Z114F1	J600285	496.00	498.00	2.00	nepheline syenite	4.23	23	0.31	6.5	0.069	4.5	82	36.4
Z114F1	J600286	498.00	500.00	2.00	nepheline syenite	4.13	24	0.33	6.2	0.076	4.7	102	31.3
Z114F1	J600287	500.00	502.00	2.00	nepheline syenite, mafic dyke	4.29	26	0.43	9.6	0.088	4.7	117	29.8
Z114F1	J600288	502.00	504.00	2.00	nepheline syenite	4.08	27	0.42	7.1	0.073	4.74	90	46.2
Z114F1	J600289	504.00	506.00	2.00	nepheline syenite	3.91	27	0.4	7.1	0.067	4.4	92	38.4
Z114F1	J600290	506.00	508.00	2.00	graphitic bx'd nephelinite	1.43	22	0.24	2.8	0.017	2.67	25	34.8
Z114F1	J600291	508.00	510.00	2.00	graphitic bx'd nephelinite	1.29	21	0.2	2.4	0.009	2.43	15	53

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	%	ppm	ppm	ppm	ppm
						Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Z114F1	J600335	49.00	50.00	1.00	paleoweathered granitic gneiss	0.17	323	0.93	0.23	8	5.3	70	12.4
Z114F1	J600336	50.00	51.00	1.00	paleoweathered granitic gneiss	0.3	180	0.22	0.15	9	4	200	9.4
Z114F1	J600337	51.00	52.00	1.00	paleoweathered granitic gneiss	0.36	158	0.23	0.15	9	2.7	170	8.6
Z114F1	J600338	52.00	53.00	1.00	paleoweathered granitic gneiss	0.37	169	0.24	0.15	11	3.3	180	7.8
Z114F1	J600339	53.00	54.00	1.00	paleoweathered granitic gneiss	0.35	152	0.2	0.14	11	2.9	150	7.6
Z114F1	J600340	54.00	54.00	0.00	Control: J601133 Pulp	8.36	523	8.99	1.05	14	473	960	190.5
Z114F1	J600341	54.00	55.00	1.00	paleoweathered granitic gneiss	0.22	173	0.32	0.18	10	3.5	160	8.5
Z114F1	J600342	55.00	56.00	1.00	paleoweathered granitic gneiss	0.34	131	0.32	0.15	12	3.1	250	7.5
Z114F1	J600343	56.00	57.00	1.00	paleoweathered granitic gneiss	0.23	154	0.27	0.19	12	3.2	160	8.8
Z114F1	J600344	57.00	58.00	1.00	paleoweathered granitic gneiss	0.31	191	0.34	0.22	11	4.4	180	10.3
Z114F1	J600345	58.00	59.00	1.00	paleoweathered granitic gneiss	0.33	165	0.29	0.15	10	4.1	190	7.8
Z114F1	J600346	59.00	60.00	1.00	paleoweathered granitic gneiss	0.55	247	0.21	0.11	15	5	280	6
Z114F1	J600347	60.00	61.00	1.00	paleoweathered granitic gneiss	0.4	225	0.42	1.28	30	4.7	200	10.7
Z114F1	J600348	61.00	62.00	1.00	granitic gneiss	0.18	204	0.56	1.96	42	3.4	150	12.1
Z114F1	J600361	62.00	63.00	1.00	granitic gneiss	0.21	245	0.38	2.06	10	2.1	120	11.1
Z114F1	J600362	63.00	65.00	2.00	granitic gneiss	0.25	205	0.41	2.19	10	2.4	200	12.6
Z114F1	J600363	65.00	67.00	2.00	granitic gneiss	0.29	156	0.54	1.47	55	6.4	150	9.4
Z114F1	J600364	67.00	69.00	2.00	granitic gneiss	0.29	125	0.41	1.74	17	3.2	160	9
Z114F1	J600365	69.00	71.00	2.00	granitic gneiss	0.3	190	0.68	2.18	15	3.3	170	10.3
Z114F1	J600017	71.00	71.68	0.68	granitic gneiss	0.25	173	1.91	2.36	12	5.4	150	11
Z114F1	J600018	71.68	72.70	1.02	granitic gneiss	0.23	161	0.55	2.11	9	6.2	120	11.4
Z114F1	J600019	72.70	73.70	1.00	granitic gneiss	0.17	141	3.76	2.08	9	3.7	90	13.6
Z114F1	J600020	73.70	74.74	1.04	granitic gneiss	0.08	137	0.5	1.61	8	4.3	90	9.6
Z114F1	J600021	74.74	75.78	1.04	granitic gneiss	0.21	103	0.84	1.85	149	5.8	170	11.3
Z114F1	J600022	75.78	76.78	1.00	granitic gneiss	0.28	100	2.22	2.25	27	3.6	180	8.7
Z114F1	J600023	76.78	77.78	1.00	granitic gneiss/nepheline syenite	0.26	474	2.08	3.4	132	1.5	170	25.1
Z114F1	J600024	77.78	78.78	1.00	nepheline syenite	0.2	846	3.5	4.1	205	3.1	210	18.3
Z114F1	J600025	78.78	79.78	1.00	nepheline syenite	0.46	362	2.63	3.79	195	7.4	230	18.7
Z114F1	J600026	79.78	81.00	1.22	nepheline syenite/graphitic bx'd granitic gneiss	0.44	119	0.87	1.74	21	5.3	240	9.4

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						% Mg	ppm Mn	ppm Mo	% Na	ppm Nb	ppm Ni	ppm P	ppm Pb
Z114F1	J600027	81.00	82.00	1.00	graphitic brecciated (bx'd) granitic gneiss	0.45	105	0.94	1.24	22	7.1	340	9.2
Z114F1	J600028	82.00	83.00	1.00	graphitic bx'd granitic gneiss	0.14	63	0.3	2.24	4	2.7	300	7.8
Z114F1	J600029	83.00	84.00	1.00	graphitic bx'd granitic gneiss	0.26	89	0.56	1.69	12	5.2	200	7.9
Z114F1	J600030	84.00	85.00	1.00	graphitic bx'd granitic gneiss	0.24	82	0.54	2.07	14	3.1	180	8.4
Z114F1	J600031	85.00	86.00	1.00	graphitic bx'd granitic gneiss	0.37	122	0.95	2.06	23	7	250	10.5
Z114F1	J600032	86.00	87.00	1.00	graphitic bx'd granitic gneiss	0.25	111	0.67	2.53	12	4.5	110	10.5
Z114F1	J600033	87.00	88.00	1.00	graphitic bx'd granitic gneiss	0.14	93	0.61	1.86	24	3.4	60	13.6
Z114F1	J600034	88.00	89.00	1.00	graphitic bx'd granitic gneiss	0.24	106	0.63	2.37	22	5.3	130	12.2
Z114F1	J600035	89.00	89.71	0.71	graphitic bx'd granitic gneiss	0.28	112	0.7	2.02	41	5.3	170	9.4
Z114F1	J600036	89.71	90.71	1.00	granitic gneiss	0.22	163	0.36	2.48	11	6	180	10.9
Z114F1	J600037	90.71	91.79	1.08	granitic gneiss	0.24	140	0.52	2.22	44	3.7	130	13.7
Z114F1	J600038	91.79	92.79	1.00	granitic gneiss	0.23	129	0.38	2.43	12	2.6	130	11.5
Z114F1	J600349	92.79	94.00	1.21	granitic gneiss	0.21	152	0.48	2.52	11	3.5	170	13.5
Z114F1	J600350	94.00	96.00	2.00	granitic gneiss	0.23	176	0.87	2.65	11	4	170	13.1
Z114F1	J600351	96.00	98.00	2.00	granitic gneiss with trace disseminated pyrite	0.21	174	0.36	2.58	11	4	170	14.2
Z114F1	J600352	98.00	100.00	2.00	granitic gneiss with trace disseminated pyrite	0.19	195	3.14	2.49	10	3.9	110	14.1
Z114F1	J600353	100.00	102.00	2.00	granitic gneiss with trace disseminated pyrite	0.22	157	0.51	2.53	13	2.7	110	10.6
Z114F1	J600354	102.00	104.00	2.00	granitic gneiss	0.23	147	1.51	2.71	21	3	130	11.3
Z114F1	J600355	104.00	106.00	2.00	granitic gneiss	0.22	154	0.7	2.65	29	4.9	120	11.4
Z114F1	J600356	106.00	108.00	2.00	granitic gneiss with 0.5% pyrite between 107 & 108m	0.2	122	0.39	2.65	11	4	120	12.8
Z114F1	J600357	108.00	110.00	2.00	granitic gneiss	0.2	194	1.03	2.69	13	3.7	110	11.3
Z114F1	J600358	110.00	111.50	1.50	granitic gneiss	0.21	196	0.96	2.79	11	4.9	130	12.7
Z114F1	J600359	111.50	112.50	1.00	granitic gneiss	0.19	215	0.55	2.66	12	2.7	140	11.4
Z114F1	J600039	112.50	113.25	0.75	graphitic bx'd granitic gneiss	0.21	171	0.29	2.6	11	1.9	140	11.2
Z114F1	J600360	112.50	112.50	0.00	Control: J601133 Raw/Reject	7.4	469	5.3	0.97	14	441	960	137.5
Z114F1	J600040	113.25	114.00	0.75	graphitic bx'd granitic gneiss	0.21	152	0.4	2.4	11	3.3	150	9.9
Z114F1	J600041	114.00	115.00	1.00	graphitic bx'd granitic gneiss	0.66	257	0.57	2.56	11	8.8	260	13.9
Z114F1	J600042	115.00	116.00	1.00	graphitic bx'd granitic gneiss	0.29	237	1.12	2.53	13	4.7	110	13.2
Z114F1	J600043	116.00	117.00	1.00	graphitic bx'd granitic gneiss	0.44	230	0.41	2.78	19	8.1	210	12.5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	%	ppm	ppm	ppm	ppm
						Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Z114F1	J600044	117.00	118.00	1.00	graphitic bx'd granitic gneiss	0.36	243	1.93	3.04	14	5.9	250	14.1
Z114F1	J600045	118.00	119.00	1.00	graphitic bx'd granitic gneiss	0.19	166	0.39	2.93	12	1.8	130	15
Z114F1	J600046	119.00	120.00	1.00	graphitic bx'd granitic gneiss	0.23	155	0.4	2.65	10	2.9	140	11.7
Z114F1	J600047	120.00	121.00	1.00	graphitic bx'd granitic gneiss	0.28	162	0.46	2.49	17	2.2	160	9
Z114F1	J600048	121.00	121.75	0.75	graphitic bx'd granitic gneiss	0.3	142	0.33	2.26	8	3.4	170	8.8
Z114F1	J600049	121.75	122.50	0.75	graphitic bx'd granitic gneiss	0.26	189	0.64	2.45	8	4	160	9.3
Z114F1	J600050	122.50	123.50	1.00	graphitic bx'd granitic gneiss and fractured zone	0.5	316	0.87	1.88	10	19.5	280	6.6
Z114F1	J600051	123.50	124.25	0.75	graphitic bx'd granitic gneiss and fractured zone	0.54	240	0.82	1.93	12	8.9	180	5.7
Z114F1	J600052	124.25	125.00	0.75	graphitic bx'd granitic gneiss and fractured zone	0.29	159	1.3	2.14	13	5.5	140	7
Z114F1	J600053	125.00	126.00	1.00	graphitic bx'd granitic gneiss	0.46	231	0.48	2.44	15	8.6	400	11.1
Z114F1	J600054	126.00	127.00	1.00	graphitic bx'd granitic gneiss	0.16	189	0.32	2.41	8	3.9	100	9.2
Z114F1	J600055	127.00	128.00	1.00	graphitic bx'd granitic gneiss	0.2	194	0.53	2.54	12	3.5	110	11.6
Z114F1	J600056	128.00	129.00	1.00	graphitic bx'd granitic gneiss	0.16	155	1.81	2.61	11	4.1	100	18.4
Z114F1	J600057	129.00	130.09	1.09	graphitic bx'd granitic gneiss	0.18	159	6.49	2.69	12	3.8	140	14.7
Z114F1	J600058	130.09	130.90	0.81	graphitic bx'd granitic gneiss	0.17	303	3.15	3.06	119	2.4	90	21.9
Z114F1	J600059	130.90	132.00	1.10	graphitic bx'd granitic gneiss	0.22	255	0.43	2.54	20	1.7	180	15.7
Z114F1	J600060	132.00	133.00	1.00	graphitic bx'd granitic gneiss	0.18	250	0.54	2.69	23	1.8	140	16.9
Z114F1	J600061	133.00	134.00	1.00	graphitic bx'd granitic gneiss	0.21	162	0.34	2.61	13	1.1	120	13.9
Z114F1	J600062	134.00	134.70	0.70	graphitic bx'd granitic gneiss	0.14	158	4.1	2.94	198	2	70	29.7
Z114F1	J600063	134.70	135.80	1.10	graphitic bx'd granitic gneiss	0.24	170	0.37	2.6	9	2.8	170	11.9
Z114F1	J600064	135.80	136.90	1.10	graphitic bx'd granitic gneiss	1.31	520	0.71	2.34	14	42.6	460	12.8
Z114F1	J600065	136.90	138.00	1.10	graphitic bx'd granitic gneiss	1.35	361	0.98	2.06	41	63.9	520	14.2
Z114F1	J600066	138.00	139.00	1.00	graphitic bx'd granitic gneiss	2.29	691	1.47	2.04	53	125.5	920	17.8
Z114F1	J600067	139.00	140.00	1.00	graphitic bx'd granitic gneiss	0.55	186	0.53	2.36	12	9.5	240	14.9
Z114F1	J600068	140.00	141.00	1.00	graphitic bx'd granitic gneiss	0.42	184	0.57	2.26	12	10.2	190	14.5
Z114F1	J600069	141.00	142.00	1.00	graphitic bx'd granitic gneiss	0.23	155	0.52	2.47	11	5.4	130	16.3
Z114F1	J600070	142.00	143.00	1.00	graphitic bx'd granitic gneiss	0.18	133	0.58	2.67	10	6.1	140	13.7

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	%	ppm	ppm	ppm	ppm
						Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Z114F1	J600071	143.00	144.00	1.00	graphitic bx'd granitic gneiss	0.16	136	0.3	2.87	7	1.5	150	15.4
Z114F1	J600072	144.00	144.75	0.75	graphitic bx'd granitic gneiss	0.2	167	0.47	2.77	8	7.1	120	17.2
Z114F1	J600073	144.75	146.00	1.25	graphitic bx'd granitic gneiss	0.6	425	0.78	2.67	17	22.3	230	16.2
Z114F1	J600074	146.00	147.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	0.85	892	5.38	3.39	186	18.4	920	25.5
Z114F1	J600075	147.00	148.00	1.00	mafic dyke	0.84	954	6.91	3.53	213	15.3	1010	22.6
Z114F1	J600076	148.00	149.00	1.00	mafic dyke/graphitic bx'd granitic gneiss	0.41	395	2.59	3.14	58	11.5	400	13.8
Z114F1	J600077	149.00	150.00	1.00	graphitic bx'd granitic gneiss	0.39	377	1.47	3.08	29	12.4	280	13.8
Z114F1	J600078	150.00	151.00	1.00	graphitic bx'd granitic gneiss	0.26	236	1.03	2.95	22	7.8	200	13
Z114F1	J600079	151.00	152.00	1.00	graphitic bx'd granitic gneiss	0.41	278	0.87	3.02	19	9.9	280	17
Z114F1	J600080	152.00	153.00	1.00	graphitic bx'd granitic gneiss	0.55	330	1.05	3.18	25	13.3	330	16.1
Z114F1	J600081	153.00	154.00	1.00	graphitic bx'd granitic gneiss	0.47	349	0.71	3.32	28	10.2	390	15.9
Z114F1	J600082	154.00	155.00	1.00	graphitic bx'd granitic gneiss	0.93	448	0.89	2.69	28	36.4	450	14.3
Z114F1	J600083	155.00	156.00	1.00	graphitic bx'd granitic gneiss	0.43	300	0.85	2.93	26	12.1	450	16.1
Z114F1	J600084	156.00	157.00	1.00	graphitic bx'd granitic gneiss	0.44	306	1.02	3.08	30	11.6	420	16.5
Z114F1	J600085	157.00	158.00	1.00	graphitic bx'd granitic gneiss	0.4	273	0.56	2.87	14	10.1	340	14.5
Z114F1	J600086	158.00	159.00	1.00	graphitic bx'd granitic gneiss	0.56	406	0.93	3.01	26	11.7	470	22.7
Z114F1	J600087	159.00	160.00	1.00	graphitic bx'd granitic gneiss	0.33	273	1.36	3	32	5.8	370	15.7
Z114F1	J600088	160.00	161.00	1.00	graphitic bx'd granitic gneiss	0.21	189	0.8	2.75	15	5.4	160	18.7
Z114F1	J600089	161.00	162.00	1.00	graphitic bx'd granitic gneiss	0.48	377	2.04	2.87	26	17.6	370	18.4
Z114F1	J600090	162.00	163.00	1.00	graphitic bx'd granitic gneiss	0.43	316	0.58	2.99	18	11.1	290	15.4
Z114F1	J600091	163.00	164.00	1.00	graphitic bx'd granitic gneiss	0.32	276	0.65	3.08	34	7.3	290	17.2
Z114F1	J600092	164.00	165.00	1.00	graphitic bx'd granitic gneiss	0.28	225	0.54	2.97	13	5.3	240	13.7
Z114F1	J600093	165.00	166.00	1.00	graphitic bx'd granitic gneiss and fractured zone	0.55	399	1.38	2.92	48	11.5	370	13.2
Z114F1	J600094	166.00	167.00	1.00	graphitic bx'd granitic gneiss and fractured zone	0.71	451	2.87	2.95	84	14.5	550	14.2
Z114F1	J600095	167.00	168.00	1.00	graphitic bx'd granitic gneiss and fractured zone	0.94	906	6.25	2.79	200	12.4	880	17.7
Z114F1	J600096	168.00	169.00	1.00	graphitic bx'd granitic gneiss and fractured zone	0.48	425	1.13	3.53	118	7.1	350	19.4

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	%	ppm	ppm	ppm	ppm
						Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Z114F1	J600097	169.00	170.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	0.69	672	3.62	3.46	126	14.8	690	25.7
Z114F1	J600098	170.00	171.00	1.00	mafic dyke	1.03	1640	10.5	3.22	349	11.7	1370	28.1
Z114F1	J600099	171.00	172.00	1.00	mafic dyke	0.9	907	8.73	3.71	267	12.6	1070	40.3
Z114F1	J600100	172.00	173.00	1.00	graphitic bx'd granitic gneiss	0.34	242	1.78	3.2	19	9.3	270	11.6
Z114F1	J600101	173.00	174.00	1.00	graphitic bx'd granitic gneiss	0.35	267	1.52	2.91	19	8.7	270	11.4
Z114F1	J600102	174.00	175.00	1.00	graphitic bx'd granitic gneiss	0.36	258	1.59	2.95	18	9.8	280	12
Z114F1	J600103	175.00	176.00	1.00	graphitic bx'd granitic gneiss	0.37	274	1.55	2.95	18	9.4	280	12.4
Z114F1	J600104	176.00	177.00	1.00	graphitic bx'd granitic gneiss	0.37	275	1.64	2.94	19	10.4	270	13
Z114F1	J600105	177.00	178.00	1.00	graphitic bx'd granitic gneiss	0.36	256	1.36	2.96	21	9.4	290	13.6
Z114F1	J600106	178.00	179.00	1.00	graphitic bx'd granitic gneiss	0.4	236	1.51	2.84	21	10.5	280	14.6
Z114F1	J600107	179.00	180.02	1.02	graphitic bx'd granitic gneiss	0.26	180	1.64	2.69	17	7	200	15.3
Z114F1	J600108	180.02	181.00	0.98	granitic gneiss	0.1	229	24.1	2.55	23	2.3	50	42.1
Z114F1	J600109	181.00	182.00	1.00	granitic gneiss	0.17	340	31.3	2.52	59	1.5	60	40.8
Z114F1	J600110	182.00	183.06	1.06	granitic gneiss	0.36	391	4.38	3.44	105	2.5	280	81.3
Z114F1	J600111	183.06	184.00	0.94	graphitic bx'd granitic gneiss	0.37	275	2.2	2.82	29	9.4	270	13.6
Z114F1	J600112	184.00	185.00	1.00	graphitic bx'd granitic gneiss	0.4	249	1.47	2.79	22	9.1	280	20.4
Z114F1	J600113	185.00	186.00	1.00	graphitic bx'd granitic gneiss	0.37	387	2	2.99	34	8.8	300	27.1
Z114F1	J600114	186.00	187.00	1.00	graphitic bx'd granitic gneiss	0.35	251	1.79	2.85	21	11.6	270	33.5
Z114F1	J600115	187.00	188.00	1.00	graphitic bx'd granitic gneiss	0.37	259	1.38	2.89	22	10.2	280	30.9
Z114F1	J600366	188.00	189.00	1.00	graphitic bx'd granitic gneiss	0.37	299	2.25	2.99	22	8.9	300	32.8
Z114F1	J600367	189.00	191.00	2.00	graphitic bx'd granitic gneiss, trachyte	0.4	323	2.02	2.85	22	9	290	45.5
Z114F1	J600368	191.00	193.00	2.00	trachyte	0.48	373	2.06	3.07	23	10.1	320	60.2
Z114F1	J600369	193.00	195.00	2.00	trachyte, lamprophyre dyke, syenite	1.2	1360	8.56	3.4	303	14.3	1310	32.8
Z114F1	J600370	195.00	197.00	2.00	syenite	1.39	1320	9.88	2.25	403	9.2	1370	17.7
Z114F1	J600371	219.50	221.50	2.00	spotted syenite with mafic dykes, pyrrhotite on fracture	0.44	1540	7.38	5.86	377	0.9	1310	37.2
Z114F1	J600372	236.00	238.00	2.00	syenite with strong orange and pink potassic alteration	0.78	1940	5.75	3.45	403	1.4	940	23.3
Z114F1	J600373	253.00	255.00	2.00	syenite and phreatomagmatic bx'd granitic gneiss	0.91	945	4.87	3.74	180	18.3	680	32.3

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	%	ppm	ppm	ppm	ppm
						Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Z114F1	J600374	255.00	257.00	2.00	phreatomagmatic bx'd granitic gneiss	0.53	551	3.62	3.52	79	10.6	530	38.3
Z114F1	J600375	257.00	259.00	2.00	phreatomagmatic bx'd granitic gneiss, alt & tr py	0.54	497	2.62	3.55	154	14.4	370	20.6
Z114F1	J600376	259.00	261.00	2.00	phreatomagmatic bx'd granitic gneiss, tr py	0.45	383	3.23	3.33	44	12.9	410	16.9
Z114F1	J600377	261.00	263.00	2.00	phreatomagmatic bx'd granitic gneiss	0.42	315	1.81	3.29	28	7.3	360	19
Z114F1	J600378	263.00	265.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	0.73	380	0.83	3.37	38	22.6	500	15.9
Z114F1	J600379	265.00	267.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	0.57	404	2.89	3.38	49	10.6	410	20.3
Z114F1	J600380	267.00	267.00	0.00	Control: J601133 Pulp	7.86	477	7.07	0.95	14	426	860	172.5
Z114F1	J600381	267.00	269.00	2.00	phreatomagmatic bx'd granitic gneiss	0.65	372	1.03	3.12	33	19.4	360	15.4
Z114F1	J600382	269.00	271.00	2.00	phreatomagmatic bx'd granitic gneiss	0.33	509	5.47	3.25	134	8.5	290	25
Z114F1	J600383	271.00	273.00	2.00	phreatomagmatic bx'd granitic gneiss	0.37	606	11.15	3.73	172	13.2	320	16.8
Z114F1	J600384	273.00	275.00	2.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	1.3	1550	3.03	4.29	349	41.2	510	53.6
Z114F1	J600116	289.50	290.50	1.00	nepheline syenite	0.22	1160	3.61	4.07	165	0.8	310	14.3
Z114F1	J600117	290.50	291.50	1.00	nepheline syenite	0.18	1600	5.23	3.95	179	0.4	330	14.1
Z114F1	J600118	291.50	292.50	1.00	nepheline syenite	0.26	947	5.61	3.73	183	10.7	180	16.9
Z114F1	J600119	292.50	293.50	1.00	nepheline syenite	1.79	597	2.88	3.4	105	97.1	940	28.8
Z114F1	J600120	293.50	294.50	1.00	nepheline syenite	1.09	626	4.02	3.13	115	27.3	530	26.7
Z114F1	J600121	294.50	295.50	1.00	nepheline syenite	0.55	359	5.85	3.57	26	9.9	410	12.9
Z114F1	J600122	295.50	296.50	1.00	nepheline syenite	0.7	427	1.39	3.58	21	17	360	12.1
Z114F1	J600123	296.50	297.50	1.00	nepheline syenite	0.42	412	5.9	3.97	163	4.6	250	46.3
Z114F1	J600124	297.50	298.50	1.00	nepheline syenite	0.43	750	7.68	3.86	147	3.1	340	14.6
Z114F1	J600125	298.50	299.50	1.00	nepheline syenite	0.23	1440	3.24	4.07	154	0.8	270	11.8
Z114F1	J600126	299.50	300.50	1.00	nepheline syenite	0.21	1110	3.85	3.96	151	1.2	250	10.8
Z114F1	J600127	300.50	301.50	1.00	nepheline syenite	1.09	437	4.02	3.07	160	1.1	260	9.1
Z114F1	J600128	301.50	302.50	1.00	nepheline syenite	1.13	429	4	3.39	166	1.3	270	9.6
Z114F1	J600129	302.50	303.30	0.80	nepheline syenite	1.46	685	3.01	2.24	134	1	310	14.8
Z114F1	J600130	303.30	304.00	0.70	nepheline syenite	0.3	1430	3.29	4.17	202	1.7	280	14.6

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	%	ppm	ppm	ppm	ppm
						Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Z114F1	J600131	304.00	305.00	1.00	nepheline syenite	0.2	1740	2.49	4.61	130	2.4	380	12.3
Z114F1	J600132	305.00	306.00	1.00	nepheline syenite	0.15	1640	3.39	4.06	176	2.1	350	60.9
Z114F1	J600385	311.00	312.90	1.90	nepheline syenite	0.1	2230	0.97	4.79	131	0.6	330	264
Z114F1	J600386	312.90	313.10	0.20	nepheline syenite	0.86	7820	14.1	2.5	>500	3.5	4020	2390
Z114F1	J600387	313.10	315.00	1.90	nepheline syenite	0.08	1580	2.26	4.21	186	0.5	250	96.8
Z114F1	J600388	321.50	323.50	2.00	syenite, feldspathoid phyric mafic dyke	0.05	1470	3.9	4.45	226	0.6	180	44.4
Z114F1	J600389	323.50	325.50	2.00	nepheline syenite, feldspathoid-rich layer with trace po	0.08	1190	2.17	4.13	175	1.3	200	41.5
Z114F1	J600390	325.50	327.50	2.00	nepheline syenite	0.15	833	2.59	4.2	140	2.8	230	23.2
Z114F1	J600133	327.50	328.50	1.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	0.12	892	8.35	4.24	149	2.4	210	23.6
Z114F1	J600134	328.50	329.50	1.00	nepheline syenite	0.56	808	5.88	3.89	128	24	380	18
Z114F1	J600135	329.50	330.47	0.97	nepheline syenite, graphitic bx'd granitic gneiss	0.19	703	6.07	3.95	112	4.6	230	19.4
Z114F1	J600136	330.47	331.07	0.60	graphitic bx'd granitic gneiss	0.29	499	2.87	3.74	75	9.2	270	14
Z114F1	J600137	331.07	332.00	0.93	graphitic bx'd granitic gneiss	0.47	728	9	3.73	196	19.3	430	17.2
Z114F1	J600138	332.00	333.00	1.00	graphitic bx'd granitic gneiss	0.29	316	1.47	3.2	19	11.1	280	9.6
Z114F1	J600139	333.00	334.00	1.00	graphitic bx'd granitic gneiss	0.6	480	1.34	3.17	22	15.4	330	12.4
Z114F1	J600140	334.00	335.00	1.00	graphitic bx'd granitic gneiss	0.44	420	2.13	3.34	21	14	450	12.1
Z114F1	J600141	335.00	336.00	1.00	graphitic bx'd granitic gneiss	0.19	527	2.77	4.01	187	5.6	240	20.9
Z114F1	J600142	336.00	337.00	1.00	graphitic bx'd granitic gneiss	0.31	485	2.18	3.4	66	6.1	290	19
Z114F1	J600143	337.00	338.00	1.00	graphitic bx'd granitic gneiss	0.38	444	1.18	3.35	21	21.1	380	15.2
Z114F1	J600144	338.00	339.00	1.00	graphitic bx'd granitic gneiss	0.28	810	2.01	4.04	84	4.7	600	21
Z114F1	J600145	339.00	340.00	1.00	graphitic bx'd granitic gneiss	0.27	1120	5.89	4.04	154	1.3	720	22.7
Z114F1	J600146	340.00	341.00	1.00	graphitic bx'd granitic gneiss	0.7	1880	4.27	3.66	174	0.9	1240	21.2
Z114F1	J600147	341.00	342.00	1.00	graphitic bx'd granitic gneiss	0.53	1140	6.13	3.67	155	21.8	340	20.3
Z114F1	J600148	342.00	343.00	1.00	graphitic bx'd granitic gneiss	0.56	754	5.41	3.81	140	14.5	520	20.8
Z114F1	J600149	343.00	344.00	1.00	graphitic bx'd granitic gneiss	1.58	1020	2.06	3.28	74	45.3	750	12.5
Z114F1	J600150	344.00	345.00	1.00	graphitic bx'd granitic gneiss	0.55	506	2.04	3.33	38	15.5	390	13.4
Z114F1	J600151	345.00	346.00	1.00	graphitic bx'd granitic gneiss	0.43	433	1.81	3.31	18	14.4	350	12.5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						% Mg	ppm Mn	ppm Mo	% Na	ppm Nb	ppm Ni	ppm P	ppm Pb
Z114F1	J600152	346.00	347.00	1.00	graphitic bx'd granitic gneiss	0.69	605	12.7	3.49	39	19.1	1210	17.3
Z114F1	J600153	347.00	348.00	1.00	graphitic bx'd granitic gneiss	0.45	418	1.9	3.56	28	11.7	460	15.4
Z114F1	J600154	348.00	349.00	1.00	graphitic bx'd granitic gneiss	0.6	491	1.67	3.56	30	17.1	1000	12.9
Z114F1	J600155	349.00	349.74	0.74	graphitic bx'd granitic gneiss	0.31	441	2.22	3.73	29	9.2	340	13.1
Z114F1	J600156	349.74	351.00	1.26	graphitic bx'd granitic gneiss	0.15	1240	4.12	4.24	201	0.9	320	16.8
Z114F1	J600157	351.00	352.00	1.00	graphitic bx'd granitic gneiss	0.05	1530	6.19	4.21	190	0.9	190	15.9
Z114F1	J600158	352.00	353.00	1.00	graphitic bx'd granitic gneiss	0.04	1560	3.85	4.03	177	0.8	180	17.4
Z114F1	J600159	353.00	354.00	1.00	graphitic bx'd granitic gneiss	0.33	449	2.62	3.63	52	11.9	440	14.2
Z114F1	J600160	354.00	354.00	0.00	Control - J601132 PULP	9.78	661	60.6	0.07	8	334	490	289
Z114F1	J600161	354.00	355.00	1.00	graphitic bx'd granitic gneiss	0.61	651	2.13	3.75	36	12.6	340	12.8
Z114F1	J600162	355.00	356.00	1.00	graphitic bx'd granitic gneiss	0.11	1300	7.39	4.04	230	1.3	250	25.6
Z114F1	J600163	356.00	357.00	1.00	graphitic bx'd granitic gneiss	0.09	1180	4.43	4.1	227	0.8	200	24
Z114F1	J600164	357.00	358.00	1.00	graphitic bx'd granitic gneiss	0.19	1030	4.33	4.1	192	4.3	280	26
Z114F1	J600165	358.00	359.00	1.00	graphitic bx'd granitic gneiss	0.51	542	16.05	3.54	26	14.1	360	23.5
Z114F1	J600166	359.00	360.00	1.00	graphitic bx'd granitic gneiss	0.31	386	0.91	3.2	15	7.9	250	15.5
Z114F1	J600167	360.00	361.00	1.00	graphitic bx'd granitic gneiss	0.28	369	2.08	3.26	34	10.4	260	17.3
Z114F1	J600168	361.00	362.00	1.00	graphitic bx'd granitic gneiss	0.33	633	1.79	3.71	111	8.7	350	18.1
Z114F1	J600169	362.00	363.00	1.00	graphitic bx'd granitic gneiss	0.47	546	1.52	3.51	55	10.8	400	13.2
Z114F1	J600170	363.00	364.00	1.00	graphitic bx'd granitic gneiss	0.52	443	1.91	3.35	20	14.2	380	11.2
Z114F1	J600171	364.00	365.00	1.00	graphitic bx'd granitic gneiss	0.52	401	1.35	3.3	19	15.1	440	11.2
Z114F1	J600172	365.00	366.00	1.00	graphitic bx'd granitic gneiss	0.48	389	1.52	3.35	29	14.6	390	11.8
Z114F1	J600173	366.00	367.00	1.00	graphitic bx'd granitic gneiss	0.57	450	0.76	3.43	27	15.7	470	14.6
Z114F1	J600174	367.00	368.00	1.00	graphitic bx'd granitic gneiss	0.4	327	0.76	3.5	16	12.8	320	12.1
Z114F1	J600175	368.00	368.90	0.90	graphitic bx'd granitic gneiss	0.67	472	2.02	3.31	23	18.7	430	10.1
Z114F1	J600176	368.90	369.53	0.63	graphitic bx'd granitic gneiss	1.05	656	7.15	3.86	37	28	540	22.6
Z114F1	J600177	369.53	370.51	0.98	graphitic bx'd granitic gneiss	0.38	298	1.31	3.44	21	13.5	350	10.2
Z114F1	J600178	370.51	371.51	1.00	graphitic bx'd granitic gneiss	1.11	679	1.12	3.28	31	32.5	790	12.4
Z114F1	J600179	371.51	372.51	1.00	graphitic bx'd granitic gneiss	0.71	466	4.85	3.52	25	17.8	400	12.7
Z114F1	J600180	372.51	372.51	0.00	Control - J601133 PULP	8.68	542	7.64	1.04	14	487	980	191.5
Z114F1	J600181	372.51	373.51	1.00	graphitic bx'd granitic gneiss	0.74	492	1.09	3.39	19	19.3	470	10.7

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						% Mg	ppm Mn	ppm Mo	% Na	ppm Nb	ppm Ni	ppm P	ppm Pb
Z114F1	J600182	373.51	374.00	0.49	graphitic bx'd granitic gneiss	0.92	788	22.4	3.7	279	34.2	860	45.4
Z114F1	J600183	374.00	374.74	0.74	graphitic bx'd granitic gneiss	0.52	558	7.78	3.87	29	9	670	16.3
Z114F1	J600184	374.74	375.74	1.00	graphitic bx'd granitic gneiss	0.6	544	3.77	3.83	17	6.5	640	15.7
Z114F1	J600185	375.74	376.74	1.00	graphitic bx'd granitic gneiss	0.52	512	6.84	4.07	29	8.9	550	17.5
Z114F1	J600186	376.74	377.74	1.00	graphitic bx'd granitic gneiss	1.25	637	13.75	3.78	23	42.3	460	15.2
Z114F1	J600187	377.74	378.74	1.00	nepheline syenite	0.19	1040	6.84	4.52	230	3	380	23.1
Z114F1	J600188	378.74	379.74	1.00	nepheline syenite	0.11	1260	3.03	4.79	274	0.7	220	22.8
Z114F1	J600189	379.74	380.74	1.00	nepheline syenite	0.21	1280	5.91	4.6	179	0.8	390	21.6
Z114F1	J600391	380.75	382.00	1.25	nepheline syenite	0.4	1320	2.49	4.03	213	0.3	410	15.1
Z114F1	J600392	382.00	384.00	2.00	nepheline syenite	0.3	1240	2.37	4.39	206	0.4	410	22.9
Z114F1	J600393	384.00	386.00	2.00	nepheline syenite	0.17	1040	8.29	4.53	203	0.5	290	26.1
Z114F1	J600394	386.00	388.00	2.00	nepheline syenite	0.14	1110	8.71	4.77	212	0.7	220	32.1
Z114F1	J600395	388.00	390.00	2.00	nepheline syenite	0.17	1100	4.41	4.57	198	0.7	280	16.9
Z114F1	J600396	390.00	392.00	2.00	nepheline syenite	0.16	1160	3.26	4.32	212	0.6	290	30
Z114F1	J600397	392.00	394.00	2.00	nepheline syenite	0.13	1300	4.24	4.33	202	0.5	280	20.6
Z114F1	J600398	394.00	396.00	2.00	nepheline syenite	0.13	1140	3.02	4.3	200	0.6	270	21.9
Z114F1	J600399	396.00	397.38	1.38	nepheline syenite	0.12	1220	1.83	4.22	179	0.5	270	17.3
Z114F1	J600190	397.38	398.38	1.00	nepheline syenite	0.12	1520	1.16	4.5	176	0.6	280	19.7
Z114F1	J600191	398.38	399.38	1.00	nepheline syenite	0.11	1440	3.92	4.62	209	0.8	260	21.8
Z114F1	J600192	399.38	400.38	1.00	nepheline syenite, graphitic bx'd granitic gneiss	0.19	1030	4.23	4.43	116	1.3	290	18.5
Z114F1	J600193	400.38	401.20	0.82	graphitic bx'd granitic gneiss	0.44	444	1.82	3.92	15	6.7	480	13.7
Z114F1	J600194	401.20	402.00	0.80	graphitic bx'd granitic gneiss	0.17	507	3.38	4.13	232	3.5	170	26.1
Z114F1	J600195	402.00	403.00	1.00	graphitic bx'd granitic gneiss	0.32	318	1.41	3.66	18	8.5	380	12.8
Z114F1	J600196	403.00	404.00	1.00	graphitic bx'd granitic gneiss	0.35	358	1.02	3.75	28	4.8	310	14.7
Z114F1	J600197	404.00	405.00	1.00	graphitic bx'd granitic gneiss	0.4	382	2.01	3.9	33	10.6	450	14.8
Z114F1	J600198	405.00	406.00	1.00	graphitic bx'd granitic gneiss	0.33	339	0.64	3.44	16	6.2	310	11.9
Z114F1	J600199	406.00	407.00	1.00	graphitic bx'd granitic gneiss	0.33	350	0.78	3.57	15	9.3	360	11.5
Z114F1	J600200	407.00	407.00	0.00	Control - J601132 PULP	9.84	665	57	0.07	7	330	510	282

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						% Mg	ppm Mn	ppm Mo	% Na	ppm Nb	ppm Ni	ppm P	ppm Pb
Z114F1	J600201	407.00	408.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	0.48	985	19.25	4.56	211	12.3	340	26.3
Z114F1	J600202	408.00	409.00	1.00	nepheline syenite	0.97	1180	2.94	4.14	254	28.9	440	19.9
Z114F1	J600203	409.00	410.00	1.00	nepheline syenite	0.05	1340	2.59	4.79	268	0.8	130	19.6
Z114F1	J600204	410.00	411.00	1.00	nepheline syenite	0.07	1230	7.81	4.84	256	0.8	180	23.9
Z114F1	J600205	411.00	412.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	0.28	943	4.67	4.39	209	5.6	340	26
Z114F1	J600206	412.00	413.00	1.00	graphitic bx'd granitic gneiss	0.35	422	1.78	3.49	53	9.5	290	15.6
Z114F1	J600207	413.00	414.00	1.00	graphitic bx'd granitic gneiss	0.53	411	1.33	3.34	18	12.8	450	12.1
Z114F1	J600208	414.00	415.00	1.00	graphitic bx'd granitic gneiss	1.23	616	1.43	3.39	33	65	560	14.9
Z114F1	J600209	415.00	416.00	1.00	graphitic bx'd granitic gneiss	0.78	540	2.19	3.66	19	22.4	410	18.4
Z114F1	J600210	416.00	417.00	1.00	graphitic bx'd granitic gneiss	0.43	377	0.87	3.57	16	8.9	380	13.1
Z114F1	J600211	417.00	418.00	1.00	graphitic bx'd granitic gneiss	0.36	349	7.67	3.45	20	9.8	320	14.8
Z114F1	J600212	418.00	419.00	1.00	graphitic bx'd granitic gneiss	0.37	329	0.75	3.31	12	9.1	340	14.8
Z114F1	J600213	419.00	420.00	1.00	graphitic bx'd granitic gneiss	0.4	341	1.52	3.08	16	20.5	290	14.6
Z114F1	J600214	420.00	421.00	1.00	graphitic bx'd granitic gneiss	1.39	544	0.58	3.21	16	70.3	980	15.5
Z114F1	J600215	421.00	422.00	1.00	graphitic bx'd granitic gneiss	0.8	459	0.64	3.19	15	26.5	720	13.9
Z114F1	J600216	422.00	423.00	1.00	graphitic bx'd granitic gneiss	1.9	842	1.35	3.35	19	63.3	640	15.2
Z114F1	J600217	423.00	424.00	1.00	graphitic bx'd granitic gneiss	0.81	622	2.11	3.66	101	17.3	680	18.1
Z114F1	J600218	424.00	425.00	1.00	graphitic bx'd granitic gneiss	0.37	352	1.66	3.44	28	10.6	370	15.8
Z114F1	J600219	425.00	426.00	1.00	graphitic bx'd granitic gneiss	0.49	542	2.1	4.42	190	14.6	270	22.6
Z114F1	J600220	426.00	426.00	0.00	Control - J601133 PULP	8.44	510	7.86	0.98	16	479	950	177.5
Z114F1	J600221	426.00	427.00	1.00	graphitic bx'd granitic gneiss	0.35	576	5.99	4.15	192	9.4	320	21.5
Z114F1	J600222	427.00	428.00	1.00	graphitic bx'd granitic gneiss	0.4	365	0.92	3.54	13	7.1	360	13.9
Z114F1	J600223	428.00	429.00	1.00	graphitic bx'd granitic gneiss	0.28	245	22.2	2.94	15	8.8	220	16.2
Z114F1	J600224	429.00	430.00	1.00	graphitic bx'd granitic gneiss	0.93	523	0.99	3.02	24	34.7	440	11.7
Z114F1	J600225	430.00	431.00	1.00	graphitic bx'd granitic gneiss	0.35	344	0.95	3.61	16	10	340	15.1
Z114F1	J600226	431.00	432.00	1.00	graphitic bx'd granitic gneiss	2.56	1120	1.33	2.94	47	45.5	2540	10.8
Z114F1	J600227	432.00	433.00	1.00	graphitic bx'd granitic gneiss	1.83	889	1.67	3.19	44	39.9	2000	11
Z114F1	J600228	433.00	434.00	1.00	graphitic bx'd granitic gneiss	4.35	1690	2.24	2.35	61	67.3	4500	11.4

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	%	ppm	ppm	ppm	ppm
						Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Z114F1	J600229	434.00	435.00	1.00	graphitic bx'd granitic gneiss	0.95	468	2.64	3.53	31	19.1	760	15.9
Z114F1	J600230	435.00	436.00	1.00	graphitic bx'd granitic gneiss	0.56	406	1.76	3.54	27	16.3	360	14.8
Z114F1	J600231	436.00	436.67	0.67	graphitic bx'd granitic gneiss	1.79	737	1.75	3.28	28	62.7	510	12.5
Z114F1	J600232	436.67	437.38	0.71	graphitic bx'd granitic gneiss	0.49	561	2.63	3.51	36	19	350	27.2
Z114F1	J600233	437.38	438.50	1.12	granitic gneiss	0.08	288	1.01	3.06	14	1.4	40	28.3
Z114F1	J600234	438.50	439.50	1.00	granitic gneiss	0.08	236	0.49	3.18	14	1.1	70	21.8
Z114F1	J600235	439.50	440.60	1.10	granitic gneiss	0.06	202	1.21	2.96	8	1.3	60	22.1
Z114F1	J600236	440.60	441.60	1.00	graphitic bx'd granitic gneiss	0.3	375	4.06	3.8	19	5.1	310	16.9
Z114F1	J600237	441.60	442.60	1.00	mafic dyke	1.12	1460	23.7	4.35	336	22.4	1530	49.4
Z114F1	J600238	442.60	443.60	1.00	mafic dyke	1.03	1690	4.91	4.02	331	18.3	1440	40.2
Z114F1	J600239	443.60	444.60	1.00	mafic dyke	0.92	1720	9.55	4.23	371	13	1440	30.6
Z114F1	J600240	444.60	444.60	0.00	Control - J601132 PULP	9.96	654	59.2	0.07	8	332	490	286
Z114F1	J600241	444.60	445.60	1.00	mafic dyke	0.8	1730	10.55	4.77	355	10.7	1400	32.4
Z114F1	J600242	445.60	446.60	1.00	mafic dyke	0.67	1560	7.35	4.37	325	8.2	1130	31.6
Z114F1	J600243	446.60	447.60	1.00	mafic dyke	0.73	1720	9.77	5.16	344	9	1330	38.3
Z114F1	J600244	447.60	448.60	1.00	mafic dyke	0.74	1800	10.2	5.05	364	8.3	1360	32.2
Z114F1	J600245	448.60	449.60	1.00	mafic dyke	0.72	1620	10.3	4.74	336	8.3	1300	25.8
Z114F1	J600246	449.60	450.60	1.00	mafic dyke	0.71	1700	7.74	4.47	361	8	1280	32.5
Z114F1	J600247	450.60	451.60	1.00	mafic dyke	0.76	1760	10.8	5.09	362	33	1390	31.1
Z114F1	J600248	451.60	452.60	1.00	mafic dyke	0.72	1640	9.85	4.87	342	8	1330	26.9
Z114F1	J600249	452.60	453.60	1.00	mafic dyke	0.77	1660	9.68	4.63	336	9.3	1340	28.1
Z114F1	J600250	453.60	454.60	1.00	mafic dyke	0.83	1640	10.1	4.92	337	8.3	1390	24.8
Z114F1	J600251	454.60	455.60	1.00	mafic dyke	0.89	1610	9.7	4.49	336	10.1	1360	26.5
Z114F1	J600252	455.60	456.67	1.07	mafic dyke	1.13	1600	7.73	3.91	316	15.2	1440	23.7
Z114F1	J600253	456.67	457.70	1.03	graphitic bx'd granitic gneiss and mafic dyke	0.53	774	18.35	4.1	102	13.7	320	18
Z114F1	J600254	457.70	458.70	1.00	graphitic bx'd granitic gneiss and mafic dyke	0.33	542	1.96	3.8	67	4.9	360	22.4
Z114F1	J600259	458.70	459.60	0.90	granitic gneiss, nephelinite	0.12	1070	4.46	4.29	198	1.9	140	30
Z114F1	J600260	459.60	460.66	1.06	granitic gneiss	0.09	1260	1.17	4.53	232	0.8	190	26.3
Z114F1	J600261	460.66	461.40	0.74	nephelinite	0.13	1260	11.65	4.28	152	2.6	120	31
Z114F1	J600262	461.40	463.00	1.60	granitic gneiss	0.15	1180	3.45	4.27	186	0.5	320	17.5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						%	ppm	ppm	%	ppm	ppm	ppm	ppm
						Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Z114F1	J600263	463.00	464.60	1.60	granitic gneiss	0.14	1230	3.35	4.26	184	0.4	320	15.2
Z114F1	J600264	464.60	466.20	1.60	granitic gneiss	0.15	1250	9.55	4.31	164	0.7	330	16.2
Z114F1	J600265	466.20	467.30	1.10	nephelinite, nepheline syenite	0.22	1620	2.82	4	140	2.7	360	19.1
Z114F1	J600266	467.30	468.50	1.20	graphitic bx'd nepheline syenite	0.93	729	1.88	3.15	287	13.7	640	12.9
Z114F1	J600267	468.50	470.00	1.50	graphitic bx'd nepheline syenite	0.57	591	2.21	3.35	39	7.8	730	12.1
Z114F1	J600268	470.00	471.50	1.50	graphitic bx'd nepheline syenite	0.31	341	1.37	3.13	32	5.9	290	12.8
Z114F1	J600269	471.50	472.80	1.30	graphitic bx'd nepheline syenite	1	620	0.68	2.98	35	15.4	370	17.6
Z114F1	J600270	472.80	473.70	0.90	nephelinite	0.15	302	0.65	3.07	24	2.1	150	21.3
Z114F1	J600271	473.70	474.65	0.95	nepheline syenite	0.12	859	6.25	3.89	164	1.2	220	25.3
Z114F1	J600272	474.65	476.30	1.65	graphitic bx'd nephelinite	0.1	267	4.28	3.07	17	1.9	150	13.4
Z114F1	J600273	476.30	478.00	1.70	graphitic bx'd nephelinite	0.25	451	1.98	3.51	67	2.2	320	17.9
Z114F1	J600274	478.00	479.50	1.50	graphitic bx'd nephelinite	0.12	335	0.85	3.35	22	1.3	150	19.8
Z114F1	J600275	479.50	481.00	1.50	nepheline syenite	0.13	899	3.19	3.98	139	0.6	240	21.9
Z114F1	J600276	481.00	482.50	1.50	phreatomagmatic, graphitic & breccia	0.26	1100	5.79	4.04	179	0.5	560	28.5
Z114F1	J600277	482.50	484.00	1.50	phreatomagmatic, graphitic & breccia	0.3	780	6.61	4.31	241	2.2	710	27.1
Z114F1	J600278	484.00	485.50	1.50	phreatomagmatic, graphitic & breccia	0.32	886	7.09	4.02	355	2.2	820	40.1
Z114F1	J600279	485.50	487.00	1.50	phreatomagmatic, graphitic & breccia	0.21	560	2.38	3.46	56	4.3	280	13
Z114F1	J600280	487.00	488.50	1.50	phreatomagmatic, graphitic & breccia	0.3	804	3.39	3.67	88	3.7	470	12.9
Z114F1	J600281	488.50	490.00	1.50	nepheline syenite	0.29	1000	2.72	3.96	130	0.4	590	16.1
Z114F1	J600282	490.00	492.00	2.00	nepheline syenite, po clot	0.28	1080	11.7	4.2	128	0.9	650	23.3
Z114F1	J600283	492.00	494.00	2.00	nepheline syenite	0.22	1070	2.76	4.35	183	0.7	500	32.1
Z114F1	J600284	494.00	496.00	2.00	nepheline syenite	0.34	902	12.05	4.52	412	1.5	800	43.4
Z114F1	J600285	496.00	498.00	2.00	nepheline syenite	0.29	1080	2.89	4.32	149	0.7	680	22.5
Z114F1	J600286	498.00	500.00	2.00	nepheline syenite	0.26	1100	2.35	4.2	156	0.4	600	19.2
Z114F1	J600287	500.00	502.00	2.00	nepheline syenite, mafic dyke	0.19	1210	2.67	4.43	184	0.5	410	20.1
Z114F1	J600288	502.00	504.00	2.00	nepheline syenite	0.27	1080	5.4	4.09	161	0.4	600	17.6
Z114F1	J600289	504.00	506.00	2.00	nepheline syenite	0.25	1020	4.88	4.2	151	1	550	17.9
Z114F1	J600290	506.00	508.00	2.00	graphitic bx'd nephelinite	0.17	368	1.69	3.28	23	3.1	180	15.1
Z114F1	J600291	508.00	510.00	2.00	graphitic bx'd nephelinite	0.12	254	1.34	3.17	17	1.6	130	26.7

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600335	49.00	50.00	1.00	paleoweathered granitic gneiss	67.1	<0.002	0.75	0.19	1.9	1	1	69.1
Z114F1	J600336	50.00	51.00	1.00	paleoweathered granitic gneiss	57.7	<0.002	0.18	0.13	2.1	<1	1.5	54.9
Z114F1	J600337	51.00	52.00	1.00	paleoweathered granitic gneiss	58	<0.002	0.03	0.12	2	1	1.4	57.9
Z114F1	J600338	52.00	53.00	1.00	paleoweathered granitic gneiss	59.8	<0.002	0.02	0.13	2.1	<1	1.5	56.5
Z114F1	J600339	53.00	54.00	1.00	paleoweathered granitic gneiss	62.4	<0.002	0.02	0.12	2.1	<1	1.4	60.3
Z114F1	J600340	54.00	54.00	0.00	Control: J601133 Pulp	16.2	0.002	1.63	0.39	11.2	1	0.7	476
Z114F1	J600341	54.00	55.00	1.00	paleoweathered granitic gneiss	59.1	<0.002	0.02	0.15	1.8	<1	1.1	72.1
Z114F1	J600342	55.00	56.00	1.00	paleoweathered granitic gneiss	52.5	<0.002	0.02	0.16	2.4	<1	1.5	78.5
Z114F1	J600343	56.00	57.00	1.00	paleoweathered granitic gneiss	57.3	<0.002	0.02	0.14	2	<1	1	86.8
Z114F1	J600344	57.00	58.00	1.00	paleoweathered granitic gneiss	60.5	<0.002	0.03	0.2	2.3	<1	1.6	82
Z114F1	J600345	58.00	59.00	1.00	paleoweathered granitic gneiss	61.9	<0.002	0.03	0.17	1.8	<1	1.5	64.6
Z114F1	J600346	59.00	60.00	1.00	paleoweathered granitic gneiss	61.3	<0.002	0.02	0.14	2.6	1	1.5	55.6
Z114F1	J600347	60.00	61.00	1.00	paleoweathered granitic gneiss	96.9	<0.002	0.06	0.16	2.2	<1	1.4	121
Z114F1	J600348	61.00	62.00	1.00	granitic gneiss	131	<0.002	0.09	0.18	1.7	<1	1.4	148.5
Z114F1	J600361	62.00	63.00	1.00	granitic gneiss	116	<0.002	0.09	0.09	2.3	<1	0.8	159
Z114F1	J600362	63.00	65.00	2.00	granitic gneiss	111	<0.002	0.11	0.1	2.1	<1	1.1	186
Z114F1	J600363	65.00	67.00	2.00	granitic gneiss	103.5	<0.002	0.05	0.12	1.9	1	1.7	138
Z114F1	J600364	67.00	69.00	2.00	granitic gneiss	84.7	<0.002	0.06	0.12	1.9	<1	1	220
Z114F1	J600365	69.00	71.00	2.00	granitic gneiss	114.5	<0.002	0.1	0.1	2.4	<1	1	191.5
Z114F1	J600017	71.00	71.68	0.68	granitic gneiss	129.5	<0.002	0.07	0.09	2.2	1	1.1	207
Z114F1	J600018	71.68	72.70	1.02	granitic gneiss	132	<0.002	0.07	0.07	2	1	0.9	174
Z114F1	J600019	72.70	73.70	1.00	granitic gneiss	144.5	<0.002	0.04	0.09	1.6	1	0.8	162.5
Z114F1	J600020	73.70	74.74	1.04	granitic gneiss	137	<0.002	0.02	0.09	1.2	1	0.7	133.5
Z114F1	J600021	74.74	75.78	1.04	granitic gneiss	209	<0.002	0.03	0.11	2.5	1	1.6	195.5
Z114F1	J600022	75.78	76.78	1.00	granitic gneiss	128	<0.002	0.15	0.1	2.4	2	1.3	208
Z114F1	J600023	76.78	77.78	1.00	granitic gneiss/nepheline syenite	188.5	<0.002	0.53	0.25	3	2	2.8	157.5
Z114F1	J600024	77.78	78.78	1.00	nepheline syenite	244	<0.002	0.24	0.31	4.3	2	5.4	44.8
Z114F1	J600025	78.78	79.78	1.00	nepheline syenite	259	<0.002	0.10	0.3	4	2	5.3	34.7
Z114F1	J600026	79.78	81.00	1.22	nepheline syenite/graphitic bx'd granitic gneiss	121.5	<0.002	0.10	0.1	3.9	1	1.3	258

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600027	81.00	82.00	1.00	graphitic brecciated (bx'd) granitic gneiss	133	<0.002	0.06	0.09	5	1	1.4	356
Z114F1	J600028	82.00	83.00	1.00	graphitic bx'd granitic gneiss	128	<0.002	0.03	<0.05	1.4	1	0.5	243
Z114F1	J600029	83.00	84.00	1.00	graphitic bx'd granitic gneiss	104	<0.002	0.09	0.08	4.9	1	1.2	262
Z114F1	J600030	84.00	85.00	1.00	graphitic bx'd granitic gneiss	94.6	<0.002	0.12	0.09	3.2	1	1.1	297
Z114F1	J600031	85.00	86.00	1.00	graphitic bx'd granitic gneiss	96.3	<0.002	0.25	0.11	3.9	1	1.3	355
Z114F1	J600032	86.00	87.00	1.00	graphitic bx'd granitic gneiss	84.9	<0.002	0.28	0.08	2.3	1	0.8	230
Z114F1	J600033	87.00	88.00	1.00	graphitic bx'd granitic gneiss	132.5	<0.002	0.14	0.15	1.3	1	1.6	145
Z114F1	J600034	88.00	89.00	1.00	graphitic bx'd granitic gneiss	111	<0.002	0.19	0.17	1.6	1	1.6	183.5
Z114F1	J600035	89.00	89.71	0.71	graphitic bx'd granitic gneiss	114	<0.002	0.18	0.17	2.3	1	2.1	185.5
Z114F1	J600036	89.71	90.71	1.00	granitic gneiss	102.5	<0.002	0.17	0.13	1.8	<1	1	171.5
Z114F1	J600037	90.71	91.79	1.08	granitic gneiss	151	<0.002	0.16	0.15	1.9	<1	1.3	163
Z114F1	J600038	91.79	92.79	1.00	granitic gneiss	126.5	<0.002	0.22	0.11	1.9	<1	0.9	170
Z114F1	J600349	92.79	94.00	1.21	granitic gneiss	113.5	<0.002	0.19	0.18	1.7	<1	1	175
Z114F1	J600350	94.00	96.00	2.00	granitic gneiss	113	<0.002	0.23	0.12	2	<1	0.9	170
Z114F1	J600351	96.00	98.00	2.00	granitic gneiss with trace disseminated pyrite	109.5	<0.002	0.28	0.11	1.9	<1	0.6	158
Z114F1	J600352	98.00	100.00	2.00	granitic gneiss with trace disseminated pyrite	106.5	0.002	0.21	0.11	1.7	<1	0.9	148
Z114F1	J600353	100.00	102.00	2.00	granitic gneiss with trace disseminated pyrite	98.2	<0.002	0.23	0.1	1.7	<1	0.8	142.5
Z114F1	J600354	102.00	104.00	2.00	granitic gneiss	102.5	<0.002	0.25	0.13	1.9	<1	1.1	158
Z114F1	J600355	104.00	106.00	2.00	granitic gneiss	96.8	<0.002	0.2	0.12	2.1	<1	1.4	167.5
Z114F1	J600356	106.00	108.00	2.00	granitic gneiss with 0.5% pyrite between 107 & 108m	98.7	<0.002	0.29	0.09	2	<1	0.6	179.5
Z114F1	J600357	108.00	110.00	2.00	granitic gneiss	100.5	<0.002	0.32	0.1	2	<1	0.7	177
Z114F1	J600358	110.00	111.50	1.50	granitic gneiss	100.5	<0.002	0.3	0.1	2	<1	0.7	189.5
Z114F1	J600359	111.50	112.50	1.00	granitic gneiss	100.5	<0.002	0.29	0.1	1.8	<1	0.6	178
Z114F1	J600039	112.50	113.25	0.75	graphitic bx'd granitic gneiss	100.5	<0.002	0.30	0.11	1.8	<1	0.5	171
Z114F1	J600360	112.50	112.50	0.00	Control: J601133 Raw/Reject	13	0.003	2.01	0.25	11.3	2	0.5	433
Z114F1	J600040	113.25	114.00	0.75	graphitic bx'd granitic gneiss	99.2	<0.002	0.33	0.14	1.7	<1	0.8	174.5
Z114F1	J600041	114.00	115.00	1.00	graphitic bx'd granitic gneiss	112	<0.002	0.32	0.16	3.5	<1	1	239
Z114F1	J600042	115.00	116.00	1.00	graphitic bx'd granitic gneiss	118	0.002	0.17	0.15	1.8	1	1.2	224
Z114F1	J600043	116.00	117.00	1.00	graphitic bx'd granitic gneiss	93.3	<0.002	0.29	0.19	3.1	<1	1.4	325

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600044	117.00	118.00	1.00	graphitic bx'd granitic gneiss	74.2	<0.002	0.32	0.16	2.6	<1	1.1	303
Z114F1	J600045	118.00	119.00	1.00	graphitic bx'd granitic gneiss	80.8	<0.002	0.20	0.13	1.8	<1	0.9	264
Z114F1	J600046	119.00	120.00	1.00	graphitic bx'd granitic gneiss	95.4	<0.002	0.32	0.14	1.7	<1	0.6	218
Z114F1	J600047	120.00	121.00	1.00	graphitic bx'd granitic gneiss	97.1	<0.002	0.40	0.14	2.1	<1	0.8	163
Z114F1	J600048	121.00	121.75	0.75	graphitic bx'd granitic gneiss	95.2	<0.002	0.41	0.14	1.7	<1	0.8	175.5
Z114F1	J600049	121.75	122.50	0.75	graphitic bx'd granitic gneiss	87.9	<0.002	0.31	0.13	2.2	<1	0.7	166
Z114F1	J600050	122.50	123.50	1.00	graphitic bx'd granitic gneiss and fractured zone	91.9	<0.002	0.15	0.14	2.5	<1	0.7	143
Z114F1	J600051	123.50	124.25	0.75	graphitic bx'd granitic gneiss and fractured zone	86.3	<0.002	0.22	0.17	2.3	<1	0.9	124.5
Z114F1	J600052	124.25	125.00	0.75	graphitic bx'd granitic gneiss and fractured zone	98.7	<0.002	0.25	0.14	2.4	<1	0.8	131.5
Z114F1	J600053	125.00	126.00	1.00	graphitic bx'd granitic gneiss	119	<0.002	0.48	0.14	3.6	<1	1.3	202
Z114F1	J600054	126.00	127.00	1.00	graphitic bx'd granitic gneiss	103	0.002	0.18	0.12	1.4	1	0.6	122.5
Z114F1	J600055	127.00	128.00	1.00	graphitic bx'd granitic gneiss	98	<0.002	0.28	0.15	1.7	<1	0.6	144.5
Z114F1	J600056	128.00	129.00	1.00	graphitic bx'd granitic gneiss	127.5	<0.002	0.23	0.1	1.5	1	0.8	164.5
Z114F1	J600057	129.00	130.09	1.09	graphitic bx'd granitic gneiss	124	<0.002	0.29	0.1	1.7	<1	0.6	166.5
Z114F1	J600058	130.09	130.90	0.81	graphitic bx'd granitic gneiss	239	<0.002	0.17	0.19	1.4	1	1.6	116.5
Z114F1	J600059	130.90	132.00	1.10	graphitic bx'd granitic gneiss	118.5	<0.002	0.38	0.12	2.3	<1	0.7	178
Z114F1	J600060	132.00	133.00	1.00	graphitic bx'd granitic gneiss	120.5	<0.002	0.33	0.16	1.9	<1	0.8	181
Z114F1	J600061	133.00	134.00	1.00	graphitic bx'd granitic gneiss	120	<0.002	0.30	0.09	1.8	1	0.8	160
Z114F1	J600062	134.00	134.70	0.70	graphitic bx'd granitic gneiss	195	0.002	0.50	0.15	1.1	2	1.6	115.5
Z114F1	J600063	134.70	135.80	1.10	graphitic bx'd granitic gneiss	107	<0.002	0.35	0.13	1.7	<1	0.5	170.5
Z114F1	J600064	135.80	136.90	1.10	graphitic bx'd granitic gneiss	153.5	<0.002	0.24	0.16	5.6	1	1.5	182.5
Z114F1	J600065	136.90	138.00	1.10	graphitic bx'd granitic gneiss	166	<0.002	0.36	0.21	5.5	1	1.8	175
Z114F1	J600066	138.00	139.00	1.00	graphitic bx'd granitic gneiss	179.5	<0.002	0.61	0.42	8.8	1	2.3	175
Z114F1	J600067	139.00	140.00	1.00	graphitic bx'd granitic gneiss	117.5	<0.002	0.26	0.13	3	<1	1	196.5
Z114F1	J600068	140.00	141.00	1.00	graphitic bx'd granitic gneiss	122.5	<0.002	0.31	0.21	3.1	<1	0.9	159.5
Z114F1	J600069	141.00	142.00	1.00	graphitic bx'd granitic gneiss	122	<0.002	0.29	0.13	2	<1	0.5	145
Z114F1	J600070	142.00	143.00	1.00	graphitic bx'd granitic gneiss	106.5	<0.002	0.26	0.14	1.6	<1	0.6	156

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600071	143.00	144.00	1.00	graphitic bx'd granitic gneiss	111	<0.002	0.39	0.11	1.7	<1	0.4	169
Z114F1	J600072	144.00	144.75	0.75	graphitic bx'd granitic gneiss	122	<0.002	0.33	0.14	2.1	<1	0.5	157.5
Z114F1	J600073	144.75	146.00	1.25	graphitic bx'd granitic gneiss	142.5	<0.002	0.26	0.16	2.9	1	1.3	178
Z114F1	J600074	146.00	147.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	167	0.003	0.47	0.22	5.2	1	2.8	370
Z114F1	J600075	147.00	148.00	1.00	mafic dyke	176.5	0.002	0.43	0.23	5.3	1	3.1	387
Z114F1	J600076	148.00	149.00	1.00	mafic dyke/graphitic bx'd granitic gneiss	124	<0.002	0.32	0.2	3.4	<1	1.8	250
Z114F1	J600077	149.00	150.00	1.00	graphitic bx'd granitic gneiss	122	<0.002	0.46	0.27	3.3	1	1.5	231
Z114F1	J600078	150.00	151.00	1.00	graphitic bx'd granitic gneiss	117.5	<0.002	0.33	0.2	2.5	<1	1	209
Z114F1	J600079	151.00	152.00	1.00	graphitic bx'd granitic gneiss	129.5	<0.002	0.33	0.17	3.2	1	1.1	239
Z114F1	J600080	152.00	153.00	1.00	graphitic bx'd granitic gneiss	130	<0.002	0.36	0.2	4.9	<1	1.3	289
Z114F1	J600081	153.00	154.00	1.00	graphitic bx'd granitic gneiss	132	<0.002	0.36	0.19	5.2	1	1.4	295
Z114F1	J600082	154.00	155.00	1.00	graphitic bx'd granitic gneiss	153	<0.002	0.30	0.21	5.7	1	1.2	271
Z114F1	J600083	155.00	156.00	1.00	graphitic bx'd granitic gneiss	129	<0.002	0.36	0.16	4.1	<1	1.3	263
Z114F1	J600084	156.00	157.00	1.00	graphitic bx'd granitic gneiss	127	<0.002	0.31	0.18	4	1	1.4	290
Z114F1	J600085	157.00	158.00	1.00	graphitic bx'd granitic gneiss	115	<0.002	0.26	0.12	3.3	<1	1	227
Z114F1	J600086	158.00	159.00	1.00	graphitic bx'd granitic gneiss	113.5	<0.002	0.31	0.17	5.5	1	1.6	292
Z114F1	J600087	159.00	160.00	1.00	graphitic bx'd granitic gneiss	115.5	<0.002	0.37	0.15	3.9	<1	1	238
Z114F1	J600088	160.00	161.00	1.00	graphitic bx'd granitic gneiss	122	<0.002	0.29	0.17	2.1	<1	0.9	181
Z114F1	J600089	161.00	162.00	1.00	graphitic bx'd granitic gneiss	129.5	<0.002	0.26	0.16	3.5	1	1.3	231
Z114F1	J600090	162.00	163.00	1.00	graphitic bx'd granitic gneiss	134.5	<0.002	0.31	0.17	3.6	1	1.2	258
Z114F1	J600091	163.00	164.00	1.00	graphitic bx'd granitic gneiss	150.5	<0.002	0.27	0.17	4.7	1	1.3	243
Z114F1	J600092	164.00	165.00	1.00	graphitic bx'd granitic gneiss	114.5	<0.002	0.30	0.14	2.9	<1	1.2	231
Z114F1	J600093	165.00	166.00	1.00	graphitic bx'd granitic gneiss and fractured zone	121	<0.002	0.28	0.21	3.4	1	2.1	253
Z114F1	J600094	166.00	167.00	1.00	graphitic bx'd granitic gneiss and fractured zone	131.5	<0.002	0.39	0.23	4.1	1	2.6	251
Z114F1	J600095	167.00	168.00	1.00	graphitic bx'd granitic gneiss and fractured zone	153.5	0.002	0.32	0.27	4.6	1	3.9	279
Z114F1	J600096	168.00	169.00	1.00	graphitic bx'd granitic gneiss and fractured zone	160.5	<0.002	0.51	0.23	3.5	1	4.2	201

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600097	169.00	170.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	145.5	<0.002	0.52	0.17	4.8	1	3	309
Z114F1	J600098	170.00	171.00	1.00	mafic dyke	181	<0.002	0.32	0.26	5.3	1	5.6	437
Z114F1	J600099	171.00	172.00	1.00	mafic dyke	146	<0.002	1.00	0.36	5.2	1	3.8	367
Z114F1	J600100	172.00	173.00	1.00	graphitic bx'd granitic gneiss	72	<0.002	0.39	0.27	3	<1	1.8	231
Z114F1	J600101	173.00	174.00	1.00	graphitic bx'd granitic gneiss	81.7	<0.002	0.39	0.26	2.7	<1	1.5	221
Z114F1	J600102	174.00	175.00	1.00	graphitic bx'd granitic gneiss	91	<0.002	0.36	0.21	2.8	<1	1.3	233
Z114F1	J600103	175.00	176.00	1.00	graphitic bx'd granitic gneiss	97.8	<0.002	0.35	0.19	2.9	<1	1	232
Z114F1	J600104	176.00	177.00	1.00	graphitic bx'd granitic gneiss	110.5	<0.002	0.34	0.21	3	1	0.7	235
Z114F1	J600105	177.00	178.00	1.00	graphitic bx'd granitic gneiss	102	<0.002	0.35	0.22	3.3	1	0.7	238
Z114F1	J600106	178.00	179.00	1.00	graphitic bx'd granitic gneiss	108.5	<0.002	0.36	0.25	3.4	1	0.7	235
Z114F1	J600107	179.00	180.02	1.02	graphitic bx'd granitic gneiss	105.5	<0.002	0.30	0.19	2.9	1	0.8	189
Z114F1	J600108	180.02	181.00	0.98	granitic gneiss	128.5	0.007	0.16	0.1	2.3	1	0.9	118
Z114F1	J600109	181.00	182.00	1.00	granitic gneiss	138.5	0.01	0.28	0.19	2.5	1	1.2	98.5
Z114F1	J600110	182.00	183.06	1.06	granitic gneiss	109.5	<0.002	0.30	0.11	3	1	1.5	249
Z114F1	J600111	183.06	184.00	0.94	graphitic bx'd granitic gneiss	104	<0.002	0.37	0.12	3.8	1	1	209
Z114F1	J600112	184.00	185.00	1.00	graphitic bx'd granitic gneiss	112	<0.002	0.30	0.14	3.7	1	0.7	219
Z114F1	J600113	185.00	186.00	1.00	graphitic bx'd granitic gneiss	118	<0.002	0.31	0.14	4.3	1	0.8	223
Z114F1	J600114	186.00	187.00	1.00	graphitic bx'd granitic gneiss	97.9	<0.002	0.32	0.12	3.4	1	0.5	236
Z114F1	J600115	187.00	188.00	1.00	graphitic bx'd granitic gneiss	101.5	<0.002	0.34	0.13	3.6	1	0.4	246
Z114F1	J600366	188.00	189.00	1.00	graphitic bx'd granitic gneiss	88.1	<0.002	0.34	0.21	3.3	1	0.4	249
Z114F1	J600367	189.00	191.00	2.00	graphitic bx'd granitic gneiss, trachyte	88	<0.002	0.35	0.19	3.4	1	0.5	261
Z114F1	J600368	191.00	193.00	2.00	trachyte	94.9	<0.002	0.36	0.23	3.5	1	1	308
Z114F1	J600369	193.00	195.00	2.00	trachyte, lamprophyre dyke, syenite	125.5	<0.002	0.19	0.35	6.1	2	5.6	427
Z114F1	J600370	195.00	197.00	2.00	syenite	92.7	<0.002	0.11	1.26	5	2	5.5	461
Z114F1	J600371	219.50	221.50	2.00	spotted syenite with mafic dykes, pyrrhotite on fracture	188.5	<0.002	0.09	0.18	4.6	2	7.2	293
Z114F1	J600372	236.00	238.00	2.00	syenite with strong orange and pink potassic alteration	129.5	0.005	0.08	0.2	1.7	4	4	293
Z114F1	J600373	253.00	255.00	2.00	syenite and phreatomagmatic bx'd granitic gneiss	145.5	<0.002	0.17	0.26	6.5	2	6.4	333

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600374	255.00	257.00	2.00	phreatomagmatic bx'd granitic gneiss	97.6	<0.002	0.23	0.21	4.1	1	1.7	337
Z114F1	J600375	257.00	259.00	2.00	phreatomagmatic bx'd granitic gneiss, alt & tr py	123.5	<0.002	0.22	0.21	3.5	1	2.9	262
Z114F1	J600376	259.00	261.00	2.00	phreatomagmatic bx'd granitic gneiss, tr py	95.9	<0.002	0.23	0.17	3.4	1	1.7	348
Z114F1	J600377	261.00	263.00	2.00	phreatomagmatic bx'd granitic gneiss	103.5	<0.002	0.22	0.29	3.2	1	1	336
Z114F1	J600378	263.00	265.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	114.5	<0.002	0.22	0.14	4.7	1	1.4	368
Z114F1	J600379	265.00	267.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	77.1	<0.002	0.18	0.12	4.3	1	1.4	319
Z114F1	J600380	267.00	267.00	0.00	Control: J601133 Pulp	17.8	0.003	1.51	0.33	12	3	0.5	437
Z114F1	J600381	267.00	269.00	2.00	phreatomagmatic bx'd granitic gneiss	84.4	<0.002	0.18	0.18	3.4	2	1.2	297
Z114F1	J600382	269.00	271.00	2.00	phreatomagmatic bx'd granitic gneiss	122.5	<0.002	0.2	0.12	2.5	2	2.1	236
Z114F1	J600383	271.00	273.00	2.00	phreatomagmatic bx'd granitic gneiss	179.5	<0.002	0.14	0.17	2.4	2	2.5	172
Z114F1	J600384	273.00	275.00	2.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	247	0.002	0.06	0.34	6.8	2	9	257
Z114F1	J600116	289.50	290.50	1.00	nepheline syenite	204	<0.002	0.03	0.25	7.5	2	3	27.3
Z114F1	J600117	290.50	291.50	1.00	nepheline syenite	196	<0.002	0.03	0.19	8.2	2	3.4	31.2
Z114F1	J600118	291.50	292.50	1.00	nepheline syenite	232	<0.002	0.05	0.28	3.5	2	2.9	77.4
Z114F1	J600119	292.50	293.50	1.00	nepheline syenite	154	<0.002	0.39	0.27	7.1	2	2.3	323
Z114F1	J600120	293.50	294.50	1.00	nepheline syenite	154.5	<0.002	0.19	0.19	5	1	2.2	249
Z114F1	J600121	294.50	295.50	1.00	nepheline syenite	123.5	<0.002	0.15	0.12	4.3	1	1	353
Z114F1	J600122	295.50	296.50	1.00	nepheline syenite	125	<0.002	0.16	0.16	5.4	1	0.9	335
Z114F1	J600123	296.50	297.50	1.00	nepheline syenite	184.5	<0.002	0.18	0.31	3.4	2	2.5	165.5
Z114F1	J600124	297.50	298.50	1.00	nepheline syenite	196.5	<0.002	0.09	0.24	4.9	2	2.8	69.6
Z114F1	J600125	298.50	299.50	1.00	nepheline syenite	204	<0.002	0.03	0.17	5.8	2	2.3	49.4
Z114F1	J600126	299.50	300.50	1.00	nepheline syenite	204	<0.002	0.03	0.17	5.6	2	1.9	25.5
Z114F1	J600127	300.50	301.50	1.00	nepheline syenite	197	0.003	0.13	0.28	6.8	2	4.8	31
Z114F1	J600128	301.50	302.50	1.00	nepheline syenite	195.5	<0.002	0.07	0.25	5.9	2	3.9	25.8
Z114F1	J600129	302.50	303.30	0.80	nepheline syenite	191	0.004	0.06	0.31	8.6	3	10.6	59.7
Z114F1	J600130	303.30	304.00	0.70	nepheline syenite	212	0.002	0.45	0.54	8.1	3	10.8	88.7

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600131	304.00	305.00	1.00	nepheline syenite	208	<0.002	0.12	0.22	7.1	2	5.4	74.1
Z114F1	J600132	305.00	306.00	1.00	nepheline syenite	201	<0.002	0.05	0.22	6.7	2	2.9	35.8
Z114F1	J600385	311.00	312.90	1.90	nepheline syenite	209	0.004	0.1	0.34	7.2	3	13.1	92.9
Z114F1	J600386	312.90	313.10	0.20	nepheline syenite	218	0.023	8.32	3.09	4.5	16	21	815
Z114F1	J600387	313.10	315.00	1.90	nepheline syenite	208	<0.002	0.07	0.24	5	3	10	42.5
Z114F1	J600388	321.50	323.50	2.00	syenite, feldspathoid phyric mafic dyke	234	<0.002	0.17	0.26	3.6	3	3.6	37.2
Z114F1	J600389	323.50	325.50	2.00	nepheline syenite, feldspathoid-rich layer with trace po	215	<0.002	0.04	0.23	3.3	2	3	71.8
Z114F1	J600390	325.50	327.50	2.00	nepheline syenite	173	<0.002	0.04	0.2	2.9	2	2.5	141.5
Z114F1	J600133	327.50	328.50	1.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	192	<0.002	0.06	0.22	3.1	2	2.7	117.5
Z114F1	J600134	328.50	329.50	1.00	nepheline syenite	163.5	<0.002	0.17	0.21	3.7	2	2	165.5
Z114F1	J600135	329.50	330.47	0.97	nepheline syenite, graphitic bx'd granitic gneiss	159.5	<0.002	0.17	0.2	3	2	2.1	158.5
Z114F1	J600136	330.47	331.07	0.60	graphitic bx'd granitic gneiss	113.5	<0.002	0.17	0.14	3.1	1	1.3	255
Z114F1	J600137	331.07	332.00	0.93	graphitic bx'd granitic gneiss	124.5	<0.002	0.29	0.17	3.5	2	1.8	219
Z114F1	J600138	332.00	333.00	1.00	graphitic bx'd granitic gneiss	93.9	<0.002	0.28	0.09	3.4	1	0.6	290
Z114F1	J600139	333.00	334.00	1.00	graphitic bx'd granitic gneiss	105.5	<0.002	0.23	0.08	6.4	1	0.9	311
Z114F1	J600140	334.00	335.00	1.00	graphitic bx'd granitic gneiss	101.5	<0.002	0.63	0.1	5.4	1	0.7	381
Z114F1	J600141	335.00	336.00	1.00	graphitic bx'd granitic gneiss	188	<0.002	0.21	0.15	2.2	2	1.8	209
Z114F1	J600142	336.00	337.00	1.00	graphitic bx'd granitic gneiss	111.5	<0.002	0.24	0.1	4	2	1.1	288
Z114F1	J600143	337.00	338.00	1.00	graphitic bx'd granitic gneiss	89.8	<0.002	0.27	0.09	4.4	1	0.8	265
Z114F1	J600144	338.00	339.00	1.00	graphitic bx'd granitic gneiss	132	<0.002	0.27	0.15	6.8	2	2.1	243
Z114F1	J600145	339.00	340.00	1.00	graphitic bx'd granitic gneiss	190.5	<0.002	0.07	0.19	8	2	3.1	215
Z114F1	J600146	340.00	341.00	1.00	graphitic bx'd granitic gneiss	215	<0.002	0.05	0.16	17.2	3	4	172
Z114F1	J600147	341.00	342.00	1.00	graphitic bx'd granitic gneiss	201	<0.002	0.09	0.17	4.7	2	2	112.5
Z114F1	J600148	342.00	343.00	1.00	graphitic bx'd granitic gneiss	214	<0.002	0.39	0.15	6.9	2	2.4	222
Z114F1	J600149	343.00	344.00	1.00	graphitic bx'd granitic gneiss	157	<0.002	0.23	0.11	8.7	2	1.7	298
Z114F1	J600150	344.00	345.00	1.00	graphitic bx'd granitic gneiss	105.5	<0.002	0.25	0.1	4.9	1	0.8	296
Z114F1	J600151	345.00	346.00	1.00	graphitic bx'd granitic gneiss	111	<0.002	0.22	0.08	4.1	1	0.8	302

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600152	346.00	347.00	1.00	graphitic bx'd granitic gneiss	93.2	<0.002	0.42	0.09	7.4	2	1.2	397
Z114F1	J600153	347.00	348.00	1.00	graphitic bx'd granitic gneiss	81	<0.002	0.40	0.1	5.8	2	0.7	332
Z114F1	J600154	348.00	349.00	1.00	graphitic bx'd granitic gneiss	82.3	<0.002	0.41	0.11	4.9	2	0.8	390
Z114F1	J600155	349.00	349.74	0.74	graphitic bx'd granitic gneiss	81.8	<0.002	0.19	0.08	3.6	2	0.8	282
Z114F1	J600156	349.74	351.00	1.26	graphitic bx'd granitic gneiss	172	<0.002	0.03	0.12	6.1	3	2	19.8
Z114F1	J600157	351.00	352.00	1.00	graphitic bx'd granitic gneiss	163.5	<0.002	0.04	0.12	3.5	2	1.3	26
Z114F1	J600158	352.00	353.00	1.00	graphitic bx'd granitic gneiss	175.5	<0.002	0.03	0.14	3.4	2	1.7	35.7
Z114F1	J600159	353.00	354.00	1.00	graphitic bx'd granitic gneiss	105	<0.002	0.30	0.12	4.2	1	1.1	254
Z114F1	J600160	354.00	354.00	0.00	Control - J601132 PULP	13.8	0.008	3.64	0.75	7.3	3	0.4	152
Z114F1	J600161	354.00	355.00	1.00	graphitic bx'd granitic gneiss	103.5	<0.002	0.21	0.13	5.6	1	1.3	274
Z114F1	J600162	355.00	356.00	1.00	graphitic bx'd granitic gneiss	239	0.002	0.06	0.29	4.6	3	4.3	53.8
Z114F1	J600163	356.00	357.00	1.00	graphitic bx'd granitic gneiss	235	<0.002	0.04	0.19	4	2	3.6	23.1
Z114F1	J600164	357.00	358.00	1.00	graphitic bx'd granitic gneiss	194	<0.002	0.14	0.19	4.7	2	3.3	97
Z114F1	J600165	358.00	359.00	1.00	graphitic bx'd granitic gneiss	135	<0.002	0.09	0.12	4.8	2	1.9	286
Z114F1	J600166	359.00	360.00	1.00	graphitic bx'd granitic gneiss	94.5	<0.002	0.18	0.09	3.8	1	0.9	261
Z114F1	J600167	360.00	361.00	1.00	graphitic bx'd granitic gneiss	105.5	<0.002	0.35	0.12	3.7	1	1	237
Z114F1	J600168	361.00	362.00	1.00	graphitic bx'd granitic gneiss	143.5	<0.002	0.39	0.08	5.3	2	1.6	165.5
Z114F1	J600169	362.00	363.00	1.00	graphitic bx'd granitic gneiss	131	<0.002	0.31	0.1	4.5	2	1	233
Z114F1	J600170	363.00	364.00	1.00	graphitic bx'd granitic gneiss	113	<0.002	0.37	0.1	4.6	1	0.6	299
Z114F1	J600171	364.00	365.00	1.00	graphitic bx'd granitic gneiss	106	<0.002	0.41	0.08	4.9	2	0.6	307
Z114F1	J600172	365.00	366.00	1.00	graphitic bx'd granitic gneiss	95.4	<0.002	0.48	0.11	4.1	2	0.5	312
Z114F1	J600173	366.00	367.00	1.00	graphitic bx'd granitic gneiss	105.5	<0.002	0.47	0.1	5	1	0.8	323
Z114F1	J600174	367.00	368.00	1.00	graphitic bx'd granitic gneiss	94.8	<0.002	0.43	0.1	3.8	2	0.6	298
Z114F1	J600175	368.00	368.90	0.90	graphitic bx'd granitic gneiss	125	<0.002	0.30	0.09	5.2	1	1.5	296
Z114F1	J600176	368.90	369.53	0.63	graphitic bx'd granitic gneiss	148.5	<0.002	0.08	0.14	6.8	1	2.7	391
Z114F1	J600177	369.53	370.51	0.98	graphitic bx'd granitic gneiss	112	<0.002	0.42	0.1	3.1	1	0.7	320
Z114F1	J600178	370.51	371.51	1.00	graphitic bx'd granitic gneiss	127	<0.002	0.50	0.16	6.5	2	1.4	345
Z114F1	J600179	371.51	372.51	1.00	graphitic bx'd granitic gneiss	103.5	0.002	0.39	0.11	5.5	1	0.9	329
Z114F1	J600180	372.51	372.51	0.00	Control - J601133 PULP	16.1	0.003	1.72	0.43	12.1	3	0.5	485
Z114F1	J600181	372.51	373.51	1.00	graphitic bx'd granitic gneiss	126	<0.002	0.35	0.12	5.7	1	0.9	373

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600182	373.51	374.00	0.49	graphitic bx'd granitic gneiss	202	<0.002	0.71	0.23	4.3	2	2.4	630
Z114F1	J600183	374.00	374.74	0.74	graphitic bx'd granitic gneiss	107	<0.002	0.30	0.1	7.2	2	1.6	723
Z114F1	J600184	374.74	375.74	1.00	graphitic bx'd granitic gneiss	81.1	<0.002	0.28	0.1	6.3	1	1.4	599
Z114F1	J600185	375.74	376.74	1.00	graphitic bx'd granitic gneiss	106.5	<0.002	0.18	0.18	5.3	1	1.8	515
Z114F1	J600186	376.74	377.74	1.00	graphitic bx'd granitic gneiss	172.5	<0.002	0.20	0.22	7.4	1	1.5	345
Z114F1	J600187	377.74	378.74	1.00	nepheline syenite	219	<0.002	0.16	0.16	4.4	2	2.8	97.5
Z114F1	J600188	378.74	379.74	1.00	nepheline syenite	264	<0.002	0.01	0.19	3.5	2	5.1	15.8
Z114F1	J600189	379.74	380.74	1.00	nepheline syenite	214	<0.002	0.04	0.13	5.5	2	5.5	27.7
Z114F1	J600391	380.75	382.00	1.25	nepheline syenite	253	<0.002	0.05	0.13	4.9	3	8.7	88.8
Z114F1	J600392	382.00	384.00	2.00	nepheline syenite	239	<0.002	0.06	0.14	5.2	2	8.9	78
Z114F1	J600393	384.00	386.00	2.00	nepheline syenite	283	<0.002	0.06	0.16	4.2	2	9.2	28.1
Z114F1	J600394	386.00	388.00	2.00	nepheline syenite	236	<0.002	0.08	0.17	3.2	2	9	37.2
Z114F1	J600395	388.00	390.00	2.00	nepheline syenite	211	<0.002	0.05	0.14	4.6	2	3.4	38
Z114F1	J600396	390.00	392.00	2.00	nepheline syenite	239	<0.002	0.02	0.16	5.3	2	4	12.2
Z114F1	J600397	392.00	394.00	2.00	nepheline syenite	203	<0.002	0.03	0.15	5	3	3.2	24.9
Z114F1	J600398	394.00	396.00	2.00	nepheline syenite	209	<0.002	0.06	0.2	4.7	2	4.1	24
Z114F1	J600399	396.00	397.38	1.38	nepheline syenite	179	<0.002	0.03	0.14	4.9	2	2.7	11.3
Z114F1	J600190	397.38	398.38	1.00	nepheline syenite	192	<0.002	0.06	0.17	4.8	2	2.6	14.2
Z114F1	J600191	398.38	399.38	1.00	nepheline syenite	213	<0.002	0.07	0.21	4.6	3	2.8	16.1
Z114F1	J600192	399.38	400.38	1.00	nepheline syenite, graphitic bx'd granitic gneiss	146	<0.002	0.10	0.15	3.5	2	1.7	132.5
Z114F1	J600193	400.38	401.20	0.82	graphitic bx'd granitic gneiss	103	<0.002	0.46	0.12	3.8	2	1	456
Z114F1	J600194	401.20	402.00	0.80	graphitic bx'd granitic gneiss	236	<0.002	0.23	0.16	1.9	2	3.4	196.5
Z114F1	J600195	402.00	403.00	1.00	graphitic bx'd granitic gneiss	105	<0.002	0.28	0.1	3.1	1	0.8	371
Z114F1	J600196	403.00	404.00	1.00	graphitic bx'd granitic gneiss	89.7	<0.002	0.20	0.12	2.9	1	1	301
Z114F1	J600197	404.00	405.00	1.00	graphitic bx'd granitic gneiss	106.5	<0.002	0.28	0.11	3.8	2	1.2	311
Z114F1	J600198	405.00	406.00	1.00	graphitic bx'd granitic gneiss	101	<0.002	0.28	0.14	3.1	1	0.9	271
Z114F1	J600199	406.00	407.00	1.00	graphitic bx'd granitic gneiss	95.9	<0.002	0.33	0.12	3.1	1	0.8	296
Z114F1	J600200	407.00	407.00	0.00	Control - J601132 PULP	14.6	0.008	3.70	0.83	6.7	4	0.4	155.5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600201	407.00	408.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	187	<0.002	0.10	0.24	4.1	2	4.2	168.5
Z114F1	J600202	408.00	409.00	1.00	nepheline syenite	235	<0.002	0.04	0.23	6.6	2	5.3	143
Z114F1	J600203	409.00	410.00	1.00	nepheline syenite	252	<0.002	0.01	0.17	1.8	2	4	17.9
Z114F1	J600204	410.00	411.00	1.00	nepheline syenite	256	<0.002	0.04	0.18	2.6	2	3.2	31.7
Z114F1	J600205	411.00	412.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	198.5	<0.002	0.15	0.2	4.5	2	2.6	141
Z114F1	J600206	412.00	413.00	1.00	graphitic bx'd granitic gneiss	132.5	<0.002	0.24	0.12	3.2	1	1.2	268
Z114F1	J600207	413.00	414.00	1.00	graphitic bx'd granitic gneiss	121	<0.002	0.45	0.13	4.4	1	1.1	354
Z114F1	J600208	414.00	415.00	1.00	graphitic bx'd granitic gneiss	147.5	<0.002	0.57	0.2	7	1	1.6	387
Z114F1	J600209	415.00	416.00	1.00	graphitic bx'd granitic gneiss	106.5	<0.002	0.11	0.21	4.3	1	1.9	311
Z114F1	J600210	416.00	417.00	1.00	graphitic bx'd granitic gneiss	97.1	<0.002	0.34	0.12	4.4	1	1	310
Z114F1	J600211	417.00	418.00	1.00	graphitic bx'd granitic gneiss	113.5	<0.002	0.26	0.11	4.1	1	1.2	310
Z114F1	J600212	418.00	419.00	1.00	graphitic bx'd granitic gneiss	90.4	<0.002	0.24	0.1	3.5	1	1	310
Z114F1	J600213	419.00	420.00	1.00	graphitic bx'd granitic gneiss	98.1	<0.002	0.83	0.12	3.9	1	0.7	308
Z114F1	J600214	420.00	421.00	1.00	graphitic bx'd granitic gneiss	125	<0.002	0.30	0.13	5.8	1	1	343
Z114F1	J600215	421.00	422.00	1.00	graphitic bx'd granitic gneiss	95.3	<0.002	0.35	0.11	5	1	1.1	345
Z114F1	J600216	422.00	423.00	1.00	graphitic bx'd granitic gneiss	135.5	<0.002	0.37	0.15	11.4	1	1.4	356
Z114F1	J600217	423.00	424.00	1.00	graphitic bx'd granitic gneiss	152.5	<0.002	0.45	0.15	7	2	2.3	388
Z114F1	J600218	424.00	425.00	1.00	graphitic bx'd granitic gneiss	120	<0.002	0.35	0.12	4.4	<1	1.2	339
Z114F1	J600219	425.00	426.00	1.00	graphitic bx'd granitic gneiss	255	<0.002	0.21	0.15	3.6	2	2.4	223
Z114F1	J600220	426.00	426.00	0.00	Control - J601133 PULP	14.4	0.003	1.67	0.31	11.7	1	0.6	473
Z114F1	J600221	426.00	427.00	1.00	graphitic bx'd granitic gneiss	200	<0.002	0.17	0.16	3.3	2	2.2	241
Z114F1	J600222	427.00	428.00	1.00	graphitic bx'd granitic gneiss	89.2	<0.002	0.54	0.1	4	<1	1	348
Z114F1	J600223	428.00	429.00	1.00	graphitic bx'd granitic gneiss	111.5	<0.002	0.31	0.1	2.7	1	0.7	256
Z114F1	J600224	429.00	430.00	1.00	graphitic bx'd granitic gneiss	116.5	<0.002	0.22	0.15	4.8	1	1.7	333
Z114F1	J600225	430.00	431.00	1.00	graphitic bx'd granitic gneiss	78.4	<0.002	0.31	0.13	3.7	1	1.2	312
Z114F1	J600226	431.00	432.00	1.00	graphitic bx'd granitic gneiss	119	<0.002	0.21	0.14	13.5	2	5.5	694
Z114F1	J600227	432.00	433.00	1.00	graphitic bx'd granitic gneiss	117.5	<0.002	0.31	0.15	11.2	2	4.9	508
Z114F1	J600228	433.00	434.00	1.00	graphitic bx'd granitic gneiss	114.5	<0.002	0.26	0.17	23	2	10.5	1000

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600229	434.00	435.00	1.00	graphitic bx'd granitic gneiss	117	<0.002	0.33	0.11	6.3	1	2.6	357
Z114F1	J600230	435.00	436.00	1.00	graphitic bx'd granitic gneiss	116.5	<0.002	0.27	0.11	4.2	1	2.1	318
Z114F1	J600231	436.00	436.67	0.67	graphitic bx'd granitic gneiss	172.5	<0.002	0.27	0.15	10	1	1.6	349
Z114F1	J600232	436.67	437.38	0.71	graphitic bx'd granitic gneiss	117.5	<0.002	0.38	0.1	4.3	2	1.6	310
Z114F1	J600233	437.38	438.50	1.12	granitic gneiss	125.5	<0.002	0.05	0.13	2.1	1	1.6	130.5
Z114F1	J600234	438.50	439.50	1.00	granitic gneiss	120.5	<0.002	0.05	0.1	1.6	<1	0.9	145
Z114F1	J600235	439.50	440.60	1.10	granitic gneiss	119	<0.002	0.14	0.11	1.2	<1	0.8	121
Z114F1	J600236	440.60	441.60	1.00	graphitic bx'd granitic gneiss	77.8	<0.002	0.32	0.11	3.7	1	1.5	237
Z114F1	J600237	441.60	442.60	1.00	mafic dyke	176.5	<0.002	0.44	0.19	7.1	2	6.5	482
Z114F1	J600238	442.60	443.60	1.00	mafic dyke	131	<0.002	0.28	0.16	6.1	2	8.4	493
Z114F1	J600239	443.60	444.60	1.00	mafic dyke	187	<0.002	0.18	0.2	5.9	2	7.5	549
Z114F1	J600240	444.60	444.60	0.00	Control - J601132 PULP	14.4	0.006	3.82	0.81	7.2	1	0.4	156.5
Z114F1	J600241	444.60	445.60	1.00	mafic dyke	178.5	<0.002	0.13	0.22	5.6	3	6.8	446
Z114F1	J600242	445.60	446.60	1.00	mafic dyke	241	<0.002	0.15	0.25	4.7	2	8.3	382
Z114F1	J600243	446.60	447.60	1.00	mafic dyke	181	<0.002	0.13	0.2	5.3	2	5.2	389
Z114F1	J600244	447.60	448.60	1.00	mafic dyke	208	<0.002	0.15	0.19	5	3	5.6	400
Z114F1	J600245	448.60	449.60	1.00	mafic dyke	189.5	<0.002	0.17	0.19	5	3	5.3	400
Z114F1	J600246	449.60	450.60	1.00	mafic dyke	202	<0.002	0.18	0.2	4.7	3	8.6	441
Z114F1	J600247	450.60	451.60	1.00	mafic dyke	185	<0.002	0.21	0.21	5.1	3	6.4	404
Z114F1	J600248	451.60	452.60	1.00	mafic dyke	175	<0.002	0.14	0.19	4.9	2	5.4	394
Z114F1	J600249	452.60	453.60	1.00	mafic dyke	180.5	<0.002	0.17	0.17	5.1	2	5.6	392
Z114F1	J600250	453.60	454.60	1.00	mafic dyke	173	<0.002	0.12	0.23	5.2	1	5.6	434
Z114F1	J600251	454.60	455.60	1.00	mafic dyke	162.5	<0.002	0.23	0.22	5.5	1	6.2	509
Z114F1	J600252	455.60	456.67	1.07	mafic dyke	148.5	<0.002	0.17	0.18	6.6	1	5.7	535
Z114F1	J600253	456.67	457.70	1.03	graphitic bx'd granitic gneiss and mafic dyke	144.5	<0.002	0.16	0.22	4.1	1	2.3	207
Z114F1	J600254	457.70	458.70	1.00	graphitic bx'd granitic gneiss and mafic dyke	150	<0.002	0.29	0.2	3.9	<1	1.8	219
Z114F1	J600259	458.70	459.60	0.90	granitic gneiss, nephelinite	210	0.002	0.1	0.29	3	1	3.9	77.7
Z114F1	J600260	459.60	460.66	1.06	granitic gneiss	217	<0.002	0.32	0.27	3.5	1	3.7	50.5
Z114F1	J600261	460.66	461.40	0.74	nephelinite	210	0.002	0.09	0.28	3	1	3.3	34.2
Z114F1	J600262	461.40	463.00	1.60	granitic gneiss	166.5	<0.002	0.03	0.16	5.3	1	1.8	20.3

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
						Rb	Re	S	Sb	Sc	Se	Sn	Sr
Z114F1	J600263	463.00	464.60	1.60	granitic gneiss	152.5	<0.002	0.02	0.12	5.6	1	1.5	26.4
Z114F1	J600264	464.60	466.20	1.60	granitic gneiss	153.5	0.002	0.05	0.12	5.5	2	1.4	41.3
Z114F1	J600265	466.20	467.30	1.10	nephelinite, nepheline syenite	138	<0.002	0.56	0.11	7.1	1	1.1	67.9
Z114F1	J600266	467.30	468.50	1.20	graphitic bx'd nepheline syenite	151.5	<0.002	0.34	0.14	93.1	2	1.8	412
Z114F1	J600267	468.50	470.00	1.50	graphitic bx'd nepheline syenite	150.5	<0.002	0.94	0.12	8.3	2	1.4	214
Z114F1	J600268	470.00	471.50	1.50	graphitic bx'd nepheline syenite	122	<0.002	0.46	0.12	4.3	2	0.8	198
Z114F1	J600269	471.50	472.80	1.30	graphitic bx'd nepheline syenite	159.5	<0.002	0.29	0.12	5	1	1.1	313
Z114F1	J600270	472.80	473.70	0.90	nephelinite	139.5	<0.002	0.32	0.1	2.7	1	0.8	173
Z114F1	J600271	473.70	474.65	0.95	nepheline syenite	171.5	<0.002	0.39	0.15	4.1	1	2.2	74.8
Z114F1	J600272	474.65	476.30	1.65	graphitic bx'd nephelinite	141	<0.002	0.2	0.11	1.9	<1	0.7	101.5
Z114F1	J600273	476.30	478.00	1.70	graphitic bx'd nephelinite	120	<0.002	0.49	0.14	2.9	<1	1.2	230
Z114F1	J600274	478.00	479.50	1.50	graphitic bx'd nephelinite	110	<0.002	0.17	0.14	2.1	1	1.1	195
Z114F1	J600275	479.50	481.00	1.50	nepheline syenite	166	<0.002	0.08	0.23	3.7	1	3	88.1
Z114F1	J600276	481.00	482.50	1.50	phreatomagmatic, graphitic & breccia	209	<0.002	0.05	0.27	6.5	1	4.3	44.8
Z114F1	J600277	482.50	484.00	1.50	phreatomagmatic, graphitic & breccia	151.5	<0.002	0.64	0.21	3.2	1	2	266
Z114F1	J600278	484.00	485.50	1.50	phreatomagmatic, graphitic & breccia	185.5	<0.002	1.14	0.15	2.7	2	1.8	257
Z114F1	J600279	485.50	487.00	1.50	phreatomagmatic, graphitic & breccia	96.7	<0.002	0.43	0.12	2.3	1	1	244
Z114F1	J600280	487.00	488.50	1.50	phreatomagmatic, graphitic & breccia	120	<0.002	0.31	0.11	4.7	1	1.5	187
Z114F1	J600281	488.50	490.00	1.50	nepheline syenite	151.5	<0.002	0.02	0.1	5.9	2	1.6	44.5
Z114F1	J600282	490.00	492.00	2.00	nepheline syenite, po clot	158	<0.002	0.01	0.15	6.7	2	2.8	55.6
Z114F1	J600283	492.00	494.00	2.00	nepheline syenite	201	<0.002	0.07	0.21	5.1	2	3.5	54.2
Z114F1	J600284	494.00	496.00	2.00	nepheline syenite	208	<0.002	0.85	0.16	2.6	2	2	250
Z114F1	J600285	496.00	498.00	2.00	nepheline syenite	183.5	<0.002	0.04	0.14	6.6	2	3.2	74.7
Z114F1	J600286	498.00	500.00	2.00	nepheline syenite	181	<0.002	0.02	0.11	6.3	2	2.7	43.8
Z114F1	J600287	500.00	502.00	2.00	nepheline syenite, mafic dyke	195.5	<0.002	0.03	0.12	5.9	2	3.2	24.9
Z114F1	J600288	502.00	504.00	2.00	nepheline syenite	136.5	<0.002	0.05	0.11	8	2	2.4	57.1
Z114F1	J600289	504.00	506.00	2.00	nepheline syenite	150	<0.002	0.08	0.11	7	2	1.9	75.6
Z114F1	J600290	506.00	508.00	2.00	graphitic bx'd nephelinite	107.5	<0.002	0.36	0.09	3	1	0.7	190
Z114F1	J600291	508.00	510.00	2.00	graphitic bx'd nephelinite	103	<0.002	0.33	5.64	1.9	1	0.9	193

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600335	49.00	50.00	1.00	paleoweathered granitic gneiss	1	<0.05	4.4	0.044	0.74	1.6	7	0.8
Z114F1	J600336	50.00	51.00	1.00	paleoweathered granitic gneiss	1	<0.05	4.6	0.071	0.58	1.2	7	0.8
Z114F1	J600337	51.00	52.00	1.00	paleoweathered granitic gneiss	1	<0.05	5.9	0.077	0.55	0.8	8	0.7
Z114F1	J600338	52.00	53.00	1.00	paleoweathered granitic gneiss	1	<0.05	4.7	0.076	0.51	0.7	6	0.6
Z114F1	J600339	53.00	54.00	1.00	paleoweathered granitic gneiss	1	<0.05	4.2	0.072	0.5	0.9	8	1
Z114F1	J600340	54.00	54.00	0.00	Control: J601133 Pulp	1	<0.05	1.1	1.355	0.34	2.1	535	0.2
Z114F1	J600341	54.00	55.00	1.00	paleoweathered granitic gneiss	1	<0.05	3.9	0.072	0.49	1	8	0.8
Z114F1	J600342	55.00	56.00	1.00	paleoweathered granitic gneiss	1	<0.05	5.4	0.121	0.45	1.1	11	0.9
Z114F1	J600343	56.00	57.00	1.00	paleoweathered granitic gneiss	1	<0.05	5.1	0.071	0.47	0.9	8	0.7
Z114F1	J600344	57.00	58.00	1.00	paleoweathered granitic gneiss	1	<0.05	4.2	0.09	0.64	1.1	12	1.3
Z114F1	J600345	58.00	59.00	1.00	paleoweathered granitic gneiss	1	<0.05	5.7	0.078	0.54	1	8	1.3
Z114F1	J600346	59.00	60.00	1.00	paleoweathered granitic gneiss	1	<0.05	4.4	0.111	0.61	0.8	15	1.3
Z114F1	J600347	60.00	61.00	1.00	paleoweathered granitic gneiss	2	<0.05	8.4	0.089	0.56	2.4	12	1.2
Z114F1	J600348	61.00	62.00	1.00	granitic gneiss	3	<0.05	12.3	0.064	0.6	4.7	5	1.7
Z114F1	J600361	62.00	63.00	1.00	granitic gneiss	1	<0.05	4	0.066	0.56	1.3	6	0.7
Z114F1	J600362	63.00	65.00	2.00	granitic gneiss	1	<0.05	4.9	0.079	0.65	1.5	6	0.6
Z114F1	J600363	65.00	67.00	2.00	granitic gneiss	6	0.06	18	0.076	0.6	4.2	8	2
Z114F1	J600364	67.00	69.00	2.00	granitic gneiss	1	<0.05	5.4	0.069	0.44	1.1	7	1.1
Z114F1	J600365	69.00	71.00	2.00	granitic gneiss	1	<0.05	6.3	0.08	0.5	1.4	6	0.8
Z114F1	J600017	71.00	71.68	0.68	granitic gneiss	1	<0.05	6.2	0.074	0.58	1.5	7	1.3
Z114F1	J600018	71.68	72.70	1.02	granitic gneiss	1	<0.05	9.9	0.063	0.62	1.5	6	1.2
Z114F1	J600019	72.70	73.70	1.00	granitic gneiss	1	<0.05	4.7	0.042	0.71	1.6	4	1.2
Z114F1	J600020	73.70	74.74	1.04	granitic gneiss	0	<0.05	4.9	0.014	0.73	1.3	2	1.5
Z114F1	J600021	74.74	75.78	1.04	granitic gneiss	10	0.06	56.9	0.06	0.75	7.1	7	4.5
Z114F1	J600022	75.78	76.78	1.00	granitic gneiss	1	<0.05	19.9	0.074	0.45	1.7	7	2.1
Z114F1	J600023	76.78	77.78	1.00	granitic gneiss/nepheline syenite	7	0.09	25.2	0.135	0.96	5.7	4	4.6
Z114F1	J600024	77.78	78.78	1.00	nepheline syenite	11	0.08	29.1	0.205	0.99	6.5	<1	6.5
Z114F1	J600025	78.78	79.78	1.00	nepheline syenite	10	0.07	27.3	0.204	1	6.4	1	7.7
Z114F1	J600026	79.78	81.00	1.22	nepheline syenite/graphitic bx'd granitic gneiss	1	<0.05	7.3	0.108	0.37	2.2	15	1.3

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600027	81.00	82.00	1.00	graphitic brecciated (bx'd) granitic gneiss	1	0.05	9	0.131	0.45	2.9	25	1.2
Z114F1	J600028	82.00	83.00	1.00	graphitic bx'd granitic gneiss	0	<0.05	1.6	0.032	0.41	1.3	6	0.4
Z114F1	J600029	83.00	84.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	13	0.073	0.36	2.6	10	0.8
Z114F1	J600030	84.00	85.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	7.2	0.074	0.3	3.8	9	0.8
Z114F1	J600031	85.00	86.00	1.00	graphitic bx'd granitic gneiss	1	0.06	10.5	0.103	0.32	2.1	13	0.9
Z114F1	J600032	86.00	87.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	5.7	0.076	0.27	1.3	10	0.8
Z114F1	J600033	87.00	88.00	1.00	graphitic bx'd granitic gneiss	0	<0.05	5	0.056	0.48	0.8	6	1.2
Z114F1	J600034	88.00	89.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	8.7	0.065	0.36	1.1	6	1.3
Z114F1	J600035	89.00	89.71	0.71	graphitic bx'd granitic gneiss	1	0.07	11.5	0.091	0.38	1.1	9	2.2
Z114F1	J600036	89.71	90.71	1.00	granitic gneiss	1	<0.05	4.8	0.074	0.4	1.2	6	0.9
Z114F1	J600037	90.71	91.79	1.08	granitic gneiss	4	<0.05	12.7	0.079	0.57	5.2	7	2.4
Z114F1	J600038	91.79	92.79	1.00	granitic gneiss	1	<0.05	5	0.071	0.48	1	6	1.4
Z114F1	J600349	92.79	94.00	1.21	granitic gneiss	1	<0.05	7.7	0.073	0.42	1.2	5	0.7
Z114F1	J600350	94.00	96.00	2.00	granitic gneiss	1	<0.05	6.8	0.077	0.5	1.3	6	0.7
Z114F1	J600351	96.00	98.00	2.00	granitic gneiss with trace disseminated pyrite	1	<0.05	6.3	0.073	0.54	1.2	6	0.6
Z114F1	J600352	98.00	100.00	2.00	granitic gneiss with trace disseminated pyrite	1	<0.05	9.7	0.057	0.5	1.2	5	1.4
Z114F1	J600353	100.00	102.00	2.00	granitic gneiss with trace disseminated pyrite	1	<0.05	7.5	0.064	0.38	0.8	5	1.1
Z114F1	J600354	102.00	104.00	2.00	granitic gneiss	1	0.05	24.4	0.078	0.39	1.4	7	1.5
Z114F1	J600355	104.00	106.00	2.00	granitic gneiss	1	<0.05	7.8	0.088	0.4	0.8	8	1.5
Z114F1	J600356	106.00	108.00	2.00	granitic gneiss with 0.5% pyrite between 107 & 108m	1	<0.05	4.8	0.071	0.47	1.1	5	0.9
Z114F1	J600357	108.00	110.00	2.00	granitic gneiss	1	<0.05	5.8	0.072	0.44	1.3	6	0.8
Z114F1	J600358	110.00	111.50	1.50	granitic gneiss	1	<0.05	5.5	0.076	0.43	1	6	0.6
Z114F1	J600359	111.50	112.50	1.00	granitic gneiss	1	<0.05	4.5	0.066	0.38	0.9	5	0.7
Z114F1	J600039	112.50	113.25	0.75	graphitic bx'd granitic gneiss	1	<0.05	4.7	0.068	0.37	1	5	0.3
Z114F1	J600360	112.50	112.50	0.00	Control: J601133 Raw/Reject	1	<0.05	0.9	1.19	0.36	1.8	490	0.2
Z114F1	J600040	113.25	114.00	0.75	graphitic bx'd granitic gneiss	1	<0.05	5	0.069	0.36	1	5	0.4
Z114F1	J600041	114.00	115.00	1.00	graphitic bx'd granitic gneiss	1	0.05	5.6	0.097	0.5	1.4	17	0.9
Z114F1	J600042	115.00	116.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	5.4	0.059	0.48	1	5	1.3
Z114F1	J600043	116.00	117.00	1.00	graphitic bx'd granitic gneiss	1	0.07	35.6	0.089	0.42	2	12	1.2

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600044	117.00	118.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	8	0.108	0.39	1.5	13	1.2
Z114F1	J600045	118.00	119.00	1.00	graphitic bx'd granitic gneiss	0	<0.05	5.2	0.065	0.35	1	6	0.8
Z114F1	J600046	119.00	120.00	1.00	graphitic bx'd granitic gneiss	0	<0.05	4	0.074	0.39	0.7	6	1.6
Z114F1	J600047	120.00	121.00	1.00	graphitic bx'd granitic gneiss	2	0.07	5	0.078	0.34	2.2	6	1
Z114F1	J600048	121.00	121.75	0.75	graphitic bx'd granitic gneiss	1	0.05	4.4	0.078	0.45	1	7	0.7
Z114F1	J600049	121.75	122.50	0.75	graphitic bx'd granitic gneiss	1	0.06	4.7	0.066	0.38	2.3	7	0.8
Z114F1	J600050	122.50	123.50	1.00	graphitic bx'd granitic gneiss and fractured zone	1	0.07	6.7	0.071	0.37	1.6	7	2.3
Z114F1	J600051	123.50	124.25	0.75	graphitic bx'd granitic gneiss and fractured zone	1	0.08	4.3	0.1	0.3	1.4	9	2.5
Z114F1	J600052	124.25	125.00	0.75	graphitic bx'd granitic gneiss and fractured zone	1	0.07	6.1	0.072	0.4	1.7	7	1.7
Z114F1	J600053	125.00	126.00	1.00	graphitic bx'd granitic gneiss	1	0.07	6	0.154	0.56	3.5	15	1.7
Z114F1	J600054	126.00	127.00	1.00	graphitic bx'd granitic gneiss	1	0.06	8.7	0.042	0.44	4.4	5	1.5
Z114F1	J600055	127.00	128.00	1.00	graphitic bx'd granitic gneiss	1	0.06	4.5	0.058	0.39	2	6	0.9
Z114F1	J600056	128.00	129.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	5.8	0.055	0.49	1.5	4	1.2
Z114F1	J600057	129.00	130.09	1.09	graphitic bx'd granitic gneiss	1	0.07	5.7	0.067	0.57	1.9	5	0.8
Z114F1	J600058	130.09	130.90	0.81	graphitic bx'd granitic gneiss	9	<0.05	41.9	0.081	0.74	9.5	3	2.4
Z114F1	J600059	130.90	132.00	1.10	graphitic bx'd granitic gneiss	1	<0.05	6.1	0.091	0.53	2.1	6	0.9
Z114F1	J600060	132.00	133.00	1.00	graphitic bx'd granitic gneiss	2	0.06	8.4	0.076	0.49	2.5	5	0.9
Z114F1	J600061	133.00	134.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	4.5	0.066	0.47	1.2	6	1
Z114F1	J600062	134.00	134.70	0.70	graphitic bx'd granitic gneiss	15	0.07	68.2	0.083	0.75	14.1	2	3.6
Z114F1	J600063	134.70	135.80	1.10	graphitic bx'd granitic gneiss	1	0.08	4.7	0.072	0.46	1.1	5	1.1
Z114F1	J600064	135.80	136.90	1.10	graphitic bx'd granitic gneiss	1	0.06	10.8	0.146	0.53	1.4	29	1.2
Z114F1	J600065	136.90	138.00	1.10	graphitic bx'd granitic gneiss	2	0.11	6.9	0.326	0.68	2.3	35	1.4
Z114F1	J600066	138.00	139.00	1.00	graphitic bx'd granitic gneiss	3	0.09	9.6	0.511	0.73	2.4	66	2.9
Z114F1	J600067	139.00	140.00	1.00	graphitic bx'd granitic gneiss	1	0.06	6.6	0.103	0.52	1.7	14	0.6
Z114F1	J600068	140.00	141.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	5.9	0.089	0.6	1.8	14	0.7
Z114F1	J600069	141.00	142.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	5.1	0.069	0.49	1.6	6	0.6
Z114F1	J600070	142.00	143.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	11	0.063	0.42	2.4	8	0.5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600071	143.00	144.00	1.00	graphitic bx'd granitic gneiss	0	<0.05	5.5	0.075	0.32	1	5	0.4
Z114F1	J600072	144.00	144.75	0.75	graphitic bx'd granitic gneiss	1	<0.05	5.4	0.07	0.41	1.6	6	0.5
Z114F1	J600073	144.75	146.00	1.25	graphitic bx'd granitic gneiss	1	<0.05	10.3	0.106	0.35	2.3	14	0.8
Z114F1	J600074	146.00	147.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	10	<0.05	21.5	0.283	0.46	8.1	27	2.2
Z114F1	J600075	147.00	148.00	1.00	mafic dyke	10	<0.05	23.8	0.296	0.42	8.6	29	2.4
Z114F1	J600076	148.00	149.00	1.00	mafic dyke/graphitic bx'd granitic gneiss	3	<0.05	12.6	0.129	0.31	3.7	16	1
Z114F1	J600077	149.00	150.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	22.2	0.103	0.31	3.7	14	0.6
Z114F1	J600078	150.00	151.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	10.5	0.074	0.32	3.7	10	0.6
Z114F1	J600079	151.00	152.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	9.8	0.097	0.4	3.8	16	0.6
Z114F1	J600080	152.00	153.00	1.00	graphitic bx'd granitic gneiss	2	0.05	12.1	0.137	0.49	3.6	21	1.1
Z114F1	J600081	153.00	154.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	14.1	0.146	0.57	4.3	24	0.9
Z114F1	J600082	154.00	155.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	14.6	0.129	0.63	3.5	27	0.9
Z114F1	J600083	155.00	156.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	10.1	0.127	0.48	2.6	20	0.7
Z114F1	J600084	156.00	157.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	9.9	0.12	0.55	3	23	1.2
Z114F1	J600085	157.00	158.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	7.9	0.106	0.5	3	19	1.1
Z114F1	J600086	158.00	159.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	9.9	0.171	0.54	3.3	29	1.4
Z114F1	J600087	159.00	160.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	9.7	0.123	0.54	3.5	20	0.9
Z114F1	J600088	160.00	161.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	10.9	0.069	0.53	3.9	10	0.8
Z114F1	J600089	161.00	162.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	13.2	0.101	0.47	2.4	15	1
Z114F1	J600090	162.00	163.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	9.2	0.104	0.47	2.7	17	0.8
Z114F1	J600091	163.00	164.00	1.00	graphitic bx'd granitic gneiss	3	<0.05	13.8	0.105	0.53	3.9	16	0.9
Z114F1	J600092	164.00	165.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	6.5	0.092	0.44	2.8	13	0.4
Z114F1	J600093	165.00	166.00	1.00	graphitic bx'd granitic gneiss and fractured zone	2	<0.05	10.2	0.131	0.37	3.2	18	1
Z114F1	J600094	166.00	167.00	1.00	graphitic bx'd granitic gneiss and fractured zone	4	<0.05	14.3	0.186	0.48	4.7	22	1.6
Z114F1	J600095	167.00	168.00	1.00	graphitic bx'd granitic gneiss and fractured zone	9	<0.05	22	0.265	0.4	8.7	23	2.5
Z114F1	J600096	168.00	169.00	1.00	graphitic bx'd granitic gneiss and fractured zone	7	<0.05	21.7	0.137	0.62	5.2	21	0.8

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600097	169.00	170.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	6	<0.05	19.1	0.22	0.41	5.5	28	1.8
Z114F1	J600098	170.00	171.00	1.00	mafic dyke	17	<0.05	29.5	0.391	0.28	13.6	31	4.1
Z114F1	J600099	171.00	172.00	1.00	mafic dyke	12	0.09	25.8	0.311	0.28	10.4	26	3.3
Z114F1	J600100	172.00	173.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	8.5	0.094	0.25	2.1	14	0.7
Z114F1	J600101	173.00	174.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	8.5	0.095	0.26	1.9	13	0.6
Z114F1	J600102	174.00	175.00	1.00	graphitic bx'd granitic gneiss	1	0.05	9.3	0.096	0.27	2.2	14	0.7
Z114F1	J600103	175.00	176.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	9.1	0.096	0.29	2	14	0.6
Z114F1	J600104	176.00	177.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	9.2	0.099	0.33	2.1	14	0.7
Z114F1	J600105	177.00	178.00	1.00	graphitic bx'd granitic gneiss	1	0.05	8.6	0.1	0.41	2.2	15	0.7
Z114F1	J600106	178.00	179.00	1.00	graphitic bx'd granitic gneiss	1	0.05	8.7	0.096	0.53	2.2	14	0.7
Z114F1	J600107	179.00	180.02	1.02	graphitic bx'd granitic gneiss	1	<0.05	7.1	0.077	0.5	2	10	0.7
Z114F1	J600108	180.02	181.00	0.98	granitic gneiss	1	<0.05	7.1	0.038	0.45	4	3	0.9
Z114F1	J600109	181.00	182.00	1.00	granitic gneiss	3	0.05	11.5	0.042	0.52	12.1	3	1.5
Z114F1	J600110	182.00	183.06	1.06	granitic gneiss	6	0.06	15.5	0.122	0.41	8.7	12	2.3
Z114F1	J600111	183.06	184.00	0.94	graphitic bx'd granitic gneiss	2	0.05	11.3	0.101	0.57	2.8	15	1.2
Z114F1	J600112	184.00	185.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	10	0.101	0.69	2.2	15	1.1
Z114F1	J600113	185.00	186.00	1.00	graphitic bx'd granitic gneiss	2	0.05	11.3	0.12	0.81	2.3	13	1
Z114F1	J600114	186.00	187.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	10	0.096	0.92	2.1	14	0.9
Z114F1	J600115	187.00	188.00	1.00	graphitic bx'd granitic gneiss	1	0.05	9.3	0.1	0.99	2.4	15	0.7
Z114F1	J600366	188.00	189.00	1.00	graphitic bx'd granitic gneiss	1	0.07	8.9	0.102	0.99	2.4	16	0.8
Z114F1	J600367	189.00	191.00	2.00	graphitic bx'd granitic gneiss, trachyte	1	0.06	8.7	0.102	0.84	2.5	15	1.2
Z114F1	J600368	191.00	193.00	2.00	trachyte	1	0.06	10.7	0.111	0.78	2.8	17	2
Z114F1	J600369	193.00	195.00	2.00	trachyte, lamprophyre dyke, syenite	15	0.12	22.9	0.367	0.45	10.7	36	3.8
Z114F1	J600370	195.00	197.00	2.00	syenite	20	0.12	21.6	0.38	0.39	12.8	28	4.2
Z114F1	J600371	219.50	221.50	2.00	spotted syenite with mafic dykes, pyrrhotite on fracture	21	0.13	29	0.375	0.38	16.4	7	3
Z114F1	J600372	236.00	238.00	2.00	syenite with strong orange and pink potassic alteration	19	0.12	30.2	0.261	0.37	15.6	2	4.4
Z114F1	J600373	253.00	255.00	2.00	syenite and phreatomagmatic bx'd granitic gneiss	9	0.08	24.5	0.24	0.5	7.8	26	2.2

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600374	255.00	257.00	2.00	phreatomagmatic bx'd granitic gneiss	4	0.06	11.1	0.192	0.36	3	21	1.6
Z114F1	J600375	257.00	259.00	2.00	phreatomagmatic bx'd granitic gneiss, alt & tr py	9	0.08	29.6	0.183	0.48	9.7	20	2.5
Z114F1	J600376	259.00	261.00	2.00	phreatomagmatic bx'd granitic gneiss, tr py	2	0.06	11.7	0.13	0.37	4	17	4.2
Z114F1	J600377	261.00	263.00	2.00	phreatomagmatic bx'd granitic gneiss	1	0.05	10.3	0.106	0.44	2	15	1.9
Z114F1	J600378	263.00	265.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	2	0.06	9.1	0.146	0.58	1.9	25	1.9
Z114F1	J600379	265.00	267.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	2	0.05	11.8	0.139	0.51	2.6	21	1.6
Z114F1	J600380	267.00	267.00	0.00	Control: J601133 Pulp	1	<0.05	1	1.265	0.39	2	504	0.2
Z114F1	J600381	267.00	269.00	2.00	phreatomagmatic bx'd granitic gneiss	1	<0.05	7.9	0.172	0.52	1.3	20	1.5
Z114F1	J600382	269.00	271.00	2.00	phreatomagmatic bx'd granitic gneiss	6	0.06	14.9	0.119	0.54	5.9	11	1.9
Z114F1	J600383	271.00	273.00	2.00	phreatomagmatic bx'd granitic gneiss	9	0.09	27	0.144	0.48	7.6	12	2.3
Z114F1	J600384	273.00	275.00	2.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	19	0.15	46.2	0.214	0.67	11.4	47	7.6
Z114F1	J600116	289.50	290.50	1.00	nepheline syenite	8	0.07	28.7	0.275	0.61	6.3	<1	5.6
Z114F1	J600117	290.50	291.50	1.00	nepheline syenite	9	0.07	29.5	0.291	0.61	6.7	<1	1.9
Z114F1	J600118	291.50	292.50	1.00	nepheline syenite	11	0.08	37.6	0.148	0.66	11.2	5	4.4
Z114F1	J600119	292.50	293.50	1.00	nepheline syenite	5	0.08	19.9	0.363	0.71	5.8	49	1.9
Z114F1	J600120	293.50	294.50	1.00	nepheline syenite	5	0.06	13.7	0.199	0.57	5	23	1.9
Z114F1	J600121	294.50	295.50	1.00	nepheline syenite	1	<0.05	11.3	0.128	0.49	2.3	19	1.5
Z114F1	J600122	295.50	296.50	1.00	nepheline syenite	1	<0.05	6.6	0.125	0.47	2.2	21	1.5
Z114F1	J600123	296.50	297.50	1.00	nepheline syenite	10	0.08	28	0.128	0.67	8.8	8	2.8
Z114F1	J600124	297.50	298.50	1.00	nepheline syenite	7	0.06	24.3	0.182	0.61	6.3	4	2.9
Z114F1	J600125	298.50	299.50	1.00	nepheline syenite	8	0.06	16.9	0.259	0.55	4.5	<1	2.1
Z114F1	J600126	299.50	300.50	1.00	nepheline syenite	7	0.06	18.4	0.251	0.63	4.4	<1	2
Z114F1	J600127	300.50	301.50	1.00	nepheline syenite	8	0.06	16.9	0.241	0.6	5.1	<1	4.7
Z114F1	J600128	301.50	302.50	1.00	nepheline syenite	8	0.06	13.4	0.253	0.6	4.9	<1	4.1
Z114F1	J600129	302.50	303.30	0.80	nepheline syenite	7	0.06	15.6	0.163	0.54	4.6	1	9.8
Z114F1	J600130	303.30	304.00	0.70	nepheline syenite	8	0.09	13.7	0.205	0.61	6.9	1	5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600131	304.00	305.00	1.00	nepheline syenite	6	<0.05	15.7	0.238	0.68	3.9	1	4.3
Z114F1	J600132	305.00	306.00	1.00	nepheline syenite	9	0.08	30.5	0.276	0.67	6.5	<1	3.2
Z114F1	J600385	311.00	312.90	1.90	nepheline syenite	6	0.09	21	0.178	0.52	4	1	4.7
Z114F1	J600386	312.90	313.10	0.20	nepheline syenite	32	0.3	25.2	0.158	2.17	37.1	5	12.9
Z114F1	J600387	313.10	315.00	1.90	nepheline syenite	9	0.07	24.8	0.223	0.56	5.3	1	3.4
Z114F1	J600388	321.50	323.50	2.00	syenite, feldspathoid phyric mafic dyke	12	0.09	40.4	0.187	0.75	6.2	<1	4.6
Z114F1	J600389	323.50	325.50	2.00	nepheline syenite, feldspathoid-rich layer with trace po	9	0.09	24.9	0.195	0.64	6.5	3	3.5
Z114F1	J600390	325.50	327.50	2.00	nepheline syenite	7	0.08	23.4	0.161	0.58	5.1	8	4.3
Z114F1	J600133	327.50	328.50	1.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	9	0.07	35.6	0.138	0.67	8.1	4	3.2
Z114F1	J600134	328.50	329.50	1.00	nepheline syenite	6	0.07	25.2	0.224	0.58	6.3	17	2.5
Z114F1	J600135	329.50	330.47	0.97	nepheline syenite, graphitic bx'd granitic gneiss	7	0.07	25	0.14	0.58	5.4	9	2.9
Z114F1	J600136	330.47	331.07	0.60	graphitic bx'd granitic gneiss	5	0.05	19	0.115	0.44	5.4	15	1.4
Z114F1	J600137	331.07	332.00	0.93	graphitic bx'd granitic gneiss	10	0.09	33.4	0.133	0.54	13.7	15	2
Z114F1	J600138	332.00	333.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	7.2	0.106	0.51	1.8	14	0.8
Z114F1	J600139	333.00	334.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	6.6	0.154	0.64	2.1	22	1
Z114F1	J600140	334.00	335.00	1.00	graphitic bx'd granitic gneiss	1	0.08	22.6	0.155	0.58	2	24	1.1
Z114F1	J600141	335.00	336.00	1.00	graphitic bx'd granitic gneiss	11	0.09	27.9	0.091	0.58	7	10	6.5
Z114F1	J600142	336.00	337.00	1.00	graphitic bx'd granitic gneiss	4	0.05	14.1	0.137	0.55	4	20	2.1
Z114F1	J600143	337.00	338.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	6.1	0.144	0.51	1.5	19	1.3
Z114F1	J600144	338.00	339.00	1.00	graphitic bx'd granitic gneiss	5	0.07	15.3	0.267	0.6	3.4	8	3.3
Z114F1	J600145	339.00	340.00	1.00	graphitic bx'd granitic gneiss	8	0.07	25	0.336	0.69	6.1	1	3.5
Z114F1	J600146	340.00	341.00	1.00	graphitic bx'd granitic gneiss	8	0.08	29.7	0.634	0.82	7.3	<1	3.7
Z114F1	J600147	341.00	342.00	1.00	graphitic bx'd granitic gneiss	8	0.07	29.7	0.236	0.66	7.5	17	2.8
Z114F1	J600148	342.00	343.00	1.00	graphitic bx'd granitic gneiss	7	0.09	26.9	0.254	0.77	6.9	28	2.8
Z114F1	J600149	343.00	344.00	1.00	graphitic bx'd granitic gneiss	3	0.06	14.4	0.332	0.62	3	49	1.7
Z114F1	J600150	344.00	345.00	1.00	graphitic bx'd granitic gneiss	2	0.05	9.2	0.15	0.53	3.2	25	1.1
Z114F1	J600151	345.00	346.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	7.7	0.135	0.48	1.7	21	1.3

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600152	346.00	347.00	1.00	graphitic bx'd granitic gneiss	2	0.06	20.7	0.238	0.57	6	42	1.5
Z114F1	J600153	347.00	348.00	1.00	graphitic bx'd granitic gneiss	1	0.05	9.9	0.185	0.51	1.9	29	1.4
Z114F1	J600154	348.00	349.00	1.00	graphitic bx'd granitic gneiss	1	0.06	14.4	0.18	0.44	4.2	27	1.3
Z114F1	J600155	349.00	349.74	0.74	graphitic bx'd granitic gneiss	2	<0.05	7.8	0.132	0.37	1.9	17	1.2
Z114F1	J600156	349.74	351.00	1.26	graphitic bx'd granitic gneiss	9	0.08	23.4	0.268	0.6	5.1	<1	1.7
Z114F1	J600157	351.00	352.00	1.00	graphitic bx'd granitic gneiss	8	0.07	29.8	0.223	0.57	5.8	<1	2
Z114F1	J600158	352.00	353.00	1.00	graphitic bx'd granitic gneiss	8	0.08	26.9	0.211	0.63	6.8	<1	2.2
Z114F1	J600159	353.00	354.00	1.00	graphitic bx'd granitic gneiss	3	0.05	21.9	0.131	0.43	4.8	18	1.7
Z114F1	J600160	354.00	354.00	0.00	Control - J601132 PULP	0	<0.05	0.6	0.729	0.38	3	322	0.2
Z114F1	J600161	354.00	355.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	9.7	0.18	0.45	2.3	30	1.3
Z114F1	J600162	355.00	356.00	1.00	graphitic bx'd granitic gneiss	13	0.09	40.6	0.211	0.7	7.6	1	3.5
Z114F1	J600163	356.00	357.00	1.00	graphitic bx'd granitic gneiss	12	0.09	26.9	0.202	0.77	6.8	<1	3.5
Z114F1	J600164	357.00	358.00	1.00	graphitic bx'd granitic gneiss	10	0.1	26.5	0.2	0.68	6.3	7	3.2
Z114F1	J600165	358.00	359.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	12.8	0.147	0.54	1.9	26	2.2
Z114F1	J600166	359.00	360.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	8.4	0.114	0.47	2.1	18	0.8
Z114F1	J600167	360.00	361.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	15.5	0.104	0.5	3	14	1.5
Z114F1	J600168	361.00	362.00	1.00	graphitic bx'd granitic gneiss	5	0.08	19.5	0.188	0.67	4.2	13	2
Z114F1	J600169	362.00	363.00	1.00	graphitic bx'd granitic gneiss	3	0.05	12.9	0.164	0.63	3.9	19	1.2
Z114F1	J600170	363.00	364.00	1.00	graphitic bx'd granitic gneiss	1	0.05	10.6	0.145	0.6	2.1	25	0.9
Z114F1	J600171	364.00	365.00	1.00	graphitic bx'd granitic gneiss	1	0.05	9.9	0.159	0.63	2.5	27	0.7
Z114F1	J600172	365.00	366.00	1.00	graphitic bx'd granitic gneiss	2	0.07	9.3	0.152	0.59	2.2	23	0.7
Z114F1	J600173	366.00	367.00	1.00	graphitic bx'd granitic gneiss	2	0.06	11.8	0.193	0.59	2.6	29	1
Z114F1	J600174	367.00	368.00	1.00	graphitic bx'd granitic gneiss	1	0.05	5.8	0.143	0.52	1.6	21	0.4
Z114F1	J600175	368.00	368.90	0.90	graphitic bx'd granitic gneiss	1	0.06	9.2	0.193	0.62	2.9	33	0.6
Z114F1	J600176	368.90	369.53	0.63	graphitic bx'd granitic gneiss	2	<0.05	12.7	0.212	0.67	3.4	44	1.7
Z114F1	J600177	369.53	370.51	0.98	graphitic bx'd granitic gneiss	1	0.06	7.3	0.148	0.55	2.7	19	0.6
Z114F1	J600178	370.51	371.51	1.00	graphitic bx'd granitic gneiss	2	0.07	17.3	0.28	0.7	2	39	1.3
Z114F1	J600179	371.51	372.51	1.00	graphitic bx'd granitic gneiss	2	0.06	11	0.183	0.55	2.1	33	0.9
Z114F1	J600180	372.51	372.51	0.00	Control - J601133 PULP	1	<0.05	1.1	1.42	0.44	2.1	574	0.1
Z114F1	J600181	372.51	373.51	1.00	graphitic bx'd granitic gneiss	1	0.06	7.3	0.169	0.68	1.8	33	0.5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600182	373.51	374.00	0.49	graphitic bx'd granitic gneiss	15	0.16	32.6	0.298	0.98	12	20	3.7
Z114F1	J600183	374.00	374.74	0.74	graphitic bx'd granitic gneiss	2	0.05	12.6	0.234	0.59	2.7	31	1.1
Z114F1	J600184	374.74	375.74	1.00	graphitic bx'd granitic gneiss	1	<0.05	5.6	0.259	0.52	1.8	42	0.9
Z114F1	J600185	375.74	376.74	1.00	graphitic bx'd granitic gneiss	1	<0.05	9.9	0.18	0.55	1.6	28	2.1
Z114F1	J600186	376.74	377.74	1.00	graphitic bx'd granitic gneiss	1	0.05	7.5	0.164	0.75	1.9	42	1.5
Z114F1	J600187	377.74	378.74	1.00	nepheline syenite	12	0.1	33.1	0.261	0.67	8	2	2.1
Z114F1	J600188	378.74	379.74	1.00	nepheline syenite	16	0.08	33.6	0.214	0.63	7.7	<1	2.3
Z114F1	J600189	379.74	380.74	1.00	nepheline syenite	10	0.07	21.1	0.299	0.62	4.9	<1	2
Z114F1	J600391	380.75	382.00	1.25	nepheline syenite	12	0.1	24.7	0.235	0.63	4.7	<1	2.5
Z114F1	J600392	382.00	384.00	2.00	nepheline syenite	11	0.11	21	0.251	0.65	4.3	<1	2.7
Z114F1	J600393	384.00	386.00	2.00	nepheline syenite	10	0.11	22.9	0.211	0.76	5	1	3.5
Z114F1	J600394	386.00	388.00	2.00	nepheline syenite	11	0.12	27.5	0.181	0.6	4.7	2	3.7
Z114F1	J600395	388.00	390.00	2.00	nepheline syenite	10	0.11	25.2	0.238	0.53	5.1	1	2.3
Z114F1	J600396	390.00	392.00	2.00	nepheline syenite	11	0.1	24.5	0.247	0.6	5.8	<1	2.7
Z114F1	J600397	392.00	394.00	2.00	nepheline syenite	10	0.1	25.7	0.237	0.56	4.8	1	2.6
Z114F1	J600398	394.00	396.00	2.00	nepheline syenite	10	0.18	20.8	0.241	0.61	4.6	<1	3.6
Z114F1	J600399	396.00	397.38	1.38	nepheline syenite	8	0.09	16.1	0.252	0.51	3.3	<1	2.4
Z114F1	J600190	397.38	398.38	1.00	nepheline syenite	9	0.06	20.7	0.263	0.55	4.7	<1	1.8
Z114F1	J600191	398.38	399.38	1.00	nepheline syenite	10	0.07	38.7	0.249	0.57	4.9	<1	2.5
Z114F1	J600192	399.38	400.38	1.00	nepheline syenite, graphitic bx'd granitic gneiss	6	0.05	24.1	0.202	0.54	3.7	6	1.8
Z114F1	J600193	400.38	401.20	0.82	graphitic bx'd granitic gneiss	1	0.06	5.6	0.187	0.49	1.5	25	0.7
Z114F1	J600194	401.20	402.00	0.80	graphitic bx'd granitic gneiss	16	0.09	37	0.097	0.65	9.2	12	3.2
Z114F1	J600195	402.00	403.00	1.00	graphitic bx'd granitic gneiss	1	0.05	7.3	0.131	0.51	1.9	17	1
Z114F1	J600196	403.00	404.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	8.4	0.138	0.41	1.4	17	1.1
Z114F1	J600197	404.00	405.00	1.00	graphitic bx'd granitic gneiss	2	0.05	10.3	0.174	0.51	2.8	22	1.5
Z114F1	J600198	405.00	406.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	5.8	0.136	0.52	1.1	19	0.6
Z114F1	J600199	406.00	407.00	1.00	graphitic bx'd granitic gneiss	1	0.05	6.4	0.144	0.44	1.4	19	0.6
Z114F1	J600200	407.00	407.00	0.00	Control - J601132 PULP	0	<0.05	0.6	0.753	0.4	3	332	0.1

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600201	407.00	408.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	13	0.08	33.9	0.183	0.55	7.2	22	2.9
Z114F1	J600202	408.00	409.00	1.00	nepheline syenite	15	0.07	32.3	0.236	0.76	8.1	43	2.5
Z114F1	J600203	409.00	410.00	1.00	nepheline syenite	15	0.08	35.4	0.136	0.64	7.8	<1	2.2
Z114F1	J600204	410.00	411.00	1.00	nepheline syenite	15	0.08	35.4	0.156	0.69	8.9	<1	2.7
Z114F1	J600205	411.00	412.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	13	<0.05	30.1	0.174	0.59	10.3	14	3.1
Z114F1	J600206	412.00	413.00	1.00	graphitic bx'd granitic gneiss	3	<0.05	12.5	0.114	0.49	2.5	15	1.2
Z114F1	J600207	413.00	414.00	1.00	graphitic bx'd granitic gneiss	1	0.05	5.3	0.167	0.53	1	27	1.2
Z114F1	J600208	414.00	415.00	1.00	graphitic bx'd granitic gneiss	2	0.09	8	0.3	0.7	2.4	48	1.2
Z114F1	J600209	415.00	416.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	6.2	0.182	0.46	2.5	28	1.5
Z114F1	J600210	416.00	417.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	4.7	0.157	0.48	1.2	24	0.8
Z114F1	J600211	417.00	418.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	10.4	0.133	0.47	1.6	20	1
Z114F1	J600212	418.00	419.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	7.4	0.133	0.44	1.6	21	0.8
Z114F1	J600213	419.00	420.00	1.00	graphitic bx'd granitic gneiss	1	0.08	10.6	0.12	0.57	2.1	19	0.6
Z114F1	J600214	420.00	421.00	1.00	graphitic bx'd granitic gneiss	1	0.05	6.5	0.196	0.69	2.2	34	1.1
Z114F1	J600215	421.00	422.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	7.3	0.18	0.49	2.3	32	0.8
Z114F1	J600216	422.00	423.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	7.2	0.191	0.71	2	55	1.1
Z114F1	J600217	423.00	424.00	1.00	graphitic bx'd granitic gneiss	5	0.05	17.7	0.233	0.57	4.4	42	1.2
Z114F1	J600218	424.00	425.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	15.1	0.151	0.44	2.1	19	1.2
Z114F1	J600219	425.00	426.00	1.00	graphitic bx'd granitic gneiss	11	<0.05	17.1	0.127	0.57	6.4	22	3.3
Z114F1	J600220	426.00	426.00	0.00	Control - J601133 PULP	1	<0.05	1	1.375	0.35	2.2	543	0.3
Z114F1	J600221	426.00	427.00	1.00	graphitic bx'd granitic gneiss	12	<0.05	26	0.126	0.47	7.4	18	2.5
Z114F1	J600222	427.00	428.00	1.00	graphitic bx'd granitic gneiss	1	0.07	14.4	0.162	0.43	1.9	24	0.5
Z114F1	J600223	428.00	429.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	9.6	0.104	0.48	2.7	15	1
Z114F1	J600224	429.00	430.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	13.5	0.216	0.56	2.5	30	1.2
Z114F1	J600225	430.00	431.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	16	0.137	0.35	1.9	19	1.3
Z114F1	J600226	431.00	432.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	8	0.712	0.97	1.9	114	2.7
Z114F1	J600227	432.00	433.00	1.00	graphitic bx'd granitic gneiss	2	<0.05	7.9	0.553	0.81	1.8	91	1.6
Z114F1	J600228	433.00	434.00	1.00	graphitic bx'd granitic gneiss	3	<0.05	5.9	1.185	1.27	1.3	200	3.3

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600229	434.00	435.00	1.00	graphitic bx'd granitic gneiss	2	0.07	9.5	0.24	0.67	2.3	40	0.9
Z114F1	J600230	435.00	436.00	1.00	graphitic bx'd granitic gneiss	1	<0.05	8.7	0.139	0.45	2.4	23	1.1
Z114F1	J600231	436.00	436.67	0.67	graphitic bx'd granitic gneiss	2	<0.05	8.5	0.155	0.75	5.2	44	2.4
Z114F1	J600232	436.67	437.38	0.71	graphitic bx'd granitic gneiss	2	<0.05	32.4	0.121	0.37	3.6	20	1.1
Z114F1	J600233	437.38	438.50	1.12	granitic gneiss	0	<0.05	43.4	0.043	0.51	1.7	5	1.2
Z114F1	J600234	438.50	439.50	1.00	granitic gneiss	0	<0.05	19.2	0.045	0.5	1.7	5	1.1
Z114F1	J600235	439.50	440.60	1.10	granitic gneiss	0	<0.05	3.3	0.03	0.45	1.3	4	1.6
Z114F1	J600236	440.60	441.60	1.00	graphitic bx'd granitic gneiss	1	<0.05	6.6	0.118	0.33	2.1	17	2
Z114F1	J600237	441.60	442.60	1.00	mafic dyke	16	0.07	29.3	0.43	0.42	13.4	40	2.9
Z114F1	J600238	442.60	443.60	1.00	mafic dyke	18	<0.05	24.1	0.41	0.36	13	40	4.3
Z114F1	J600239	443.60	444.60	1.00	mafic dyke	19	<0.05	31.9	0.409	0.32	14.4	34	4.3
Z114F1	J600240	444.60	444.60	0.00	Control - J601132 PULP	0	<0.05	0.6	0.77	0.33	2.9	329	0.2
Z114F1	J600241	444.60	445.60	1.00	mafic dyke	19	0.13	32	0.398	0.35	14.7	31	3.9
Z114F1	J600242	445.60	446.60	1.00	mafic dyke	19	0.11	35.7	0.323	0.53	12.4	24	3.7
Z114F1	J600243	446.60	447.60	1.00	mafic dyke	18	0.12	32.5	0.384	0.3	14.5	26	3.6
Z114F1	J600244	447.60	448.60	1.00	mafic dyke	19	0.12	36.3	0.382	0.35	15.1	25	3.9
Z114F1	J600245	448.60	449.60	1.00	mafic dyke	18	0.1	31.4	0.371	0.29	13.7	24	3.8
Z114F1	J600246	449.60	450.60	1.00	mafic dyke	20	0.12	34	0.372	0.43	14.9	25	4.6
Z114F1	J600247	450.60	451.60	1.00	mafic dyke	19	0.12	34.7	0.401	0.32	14.7	26	4
Z114F1	J600248	451.60	452.60	1.00	mafic dyke	18	0.12	33.3	0.378	0.32	14.8	24	3.7
Z114F1	J600249	452.60	453.60	1.00	mafic dyke	18	0.12	31.5	0.404	0.33	13.6	27	3.8
Z114F1	J600250	453.60	454.60	1.00	mafic dyke	17	0.15	26.8	0.392	0.25	11.2	30	3.8
Z114F1	J600251	454.60	455.60	1.00	mafic dyke	17	0.16	26.7	0.389	0.29	11	33	3.4
Z114F1	J600252	455.60	456.67	1.07	mafic dyke	16	0.15	22.4	0.406	0.46	9.6	42	2.9
Z114F1	J600253	456.67	457.70	1.03	graphitic bx'd granitic gneiss and mafic dyke	5	0.07	22.8	0.168	0.55	4.8	18	2.9
Z114F1	J600254	457.70	458.70	1.00	graphitic bx'd granitic gneiss and mafic dyke	6	0.06	17.5	0.145	0.57	5.4	19	3
Z114F1	J600259	458.70	459.60	0.90	granitic gneiss, nephelinite	11	0.12	34.8	0.151	0.69	7.4	4	4.9
Z114F1	J600260	459.60	460.66	1.06	granitic gneiss	11	0.15	24	0.199	0.76	4.9	<1	4.8
Z114F1	J600261	460.66	461.40	0.74	nephelinite	8	0.1	25.9	0.183	0.76	4.6	2	4.4
Z114F1	J600262	461.40	463.00	1.60	granitic gneiss	9	0.12	18.3	0.272	0.52	4	<1	2.1

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
						ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
						Ta	Te	Th	Ti	Tl	U	V	W
Z114F1	J600263	463.00	464.60	1.60	granitic gneiss	8	0.11	15	0.265	0.48	3.2	1	1.6
Z114F1	J600264	464.60	466.20	1.60	granitic gneiss	7	0.09	15.3	0.278	0.53	3.2	1	1.6
Z114F1	J600265	466.20	467.30	1.10	nephelinite, nepheline syenite	6	0.14	14.4	0.293	0.51	3.4	10	1.5
Z114F1	J600266	467.30	468.50	1.20	graphitic bx'd nepheline syenite	3	0.17	22.3	0.337	0.57	10.1	373	1.6
Z114F1	J600267	468.50	470.00	1.50	graphitic bx'd nepheline syenite	3	0.12	10.2	0.227	0.62	4.1	37	0.6
Z114F1	J600268	470.00	471.50	1.50	graphitic bx'd nepheline syenite	3	0.07	9.7	0.118	0.51	3.8	18	0.9
Z114F1	J600269	471.50	472.80	1.30	graphitic bx'd nepheline syenite	3	0.06	11.5	0.135	0.75	4.9	31	1.5
Z114F1	J600270	472.80	473.70	0.90	nephelinite	2	0.06	12.7	0.09	0.56	4	10	1.2
Z114F1	J600271	473.70	474.65	0.95	nepheline syenite	9	0.14	24.7	0.2	0.6	6	2	3
Z114F1	J600272	474.65	476.30	1.65	graphitic bx'd nephelinite	1	<0.05	4.8	0.055	0.4	2.6	8	0.7
Z114F1	J600273	476.30	478.00	1.70	graphitic bx'd nephelinite	4	0.1	19.3	0.133	0.41	6	14	0.9
Z114F1	J600274	478.00	479.50	1.50	graphitic bx'd nephelinite	1	0.05	7.8	0.072	0.46	2	5	1
Z114F1	J600275	479.50	481.00	1.50	nepheline syenite	7	0.09	20.2	0.19	0.6	4.6	2	2.3
Z114F1	J600276	481.00	482.50	1.50	phreatomagmatic, graphitic & breccia	9	0.11	20.2	0.365	0.8	4.8	1	4.6
Z114F1	J600277	482.50	484.00	1.50	phreatomagmatic, graphitic & breccia	12	0.18	43.7	0.206	0.58	11.3	8	2.2
Z114F1	J600278	484.00	485.50	1.50	phreatomagmatic, graphitic & breccia	18	0.2	34.8	0.26	0.65	14.6	6	2.3
Z114F1	J600279	485.50	487.00	1.50	phreatomagmatic, graphitic & breccia	3	0.07	11.1	0.104	0.37	3	8	0.9
Z114F1	J600280	487.00	488.50	1.50	phreatomagmatic, graphitic & breccia	5	0.07	13.3	0.226	0.37	3.6	12	1
Z114F1	J600281	488.50	490.00	1.50	nepheline syenite	6	0.06	15.5	0.359	0.45	3.7	<1	1.2
Z114F1	J600282	490.00	492.00	2.00	nepheline syenite, po clot	7	0.05	13.1	0.386	0.55	2.9	<1	2.5
Z114F1	J600283	492.00	494.00	2.00	nepheline syenite	10	0.07	25.4	0.309	0.77	5.9	<1	5.1
Z114F1	J600284	494.00	496.00	2.00	nepheline syenite	21	0.2	42.9	0.28	0.63	16.7	5	18.2
Z114F1	J600285	496.00	498.00	2.00	nepheline syenite	7	0.06	12.8	0.375	0.58	2.9	1	4.1
Z114F1	J600286	498.00	500.00	2.00	nepheline syenite	7	0.07	12.3	0.357	0.51	2.6	<1	1.7
Z114F1	J600287	500.00	502.00	2.00	nepheline syenite, mafic dyke	9	0.07	21.3	0.293	0.52	5	<1	2.3
Z114F1	J600288	502.00	504.00	2.00	nepheline syenite	9	0.07	19.8	0.376	0.56	5	<1	1.9
Z114F1	J600289	504.00	506.00	2.00	nepheline syenite	7	0.09	18.3	0.337	0.48	4.1	1	5.8
Z114F1	J600290	506.00	508.00	2.00	graphitic bx'd nephelinite	1	<0.05	7.8	0.08	0.47	2.3	9	0.8
Z114F1	J600291	508.00	510.00	2.00	graphitic bx'd nephelinite	1	<0.05	5.8	0.077	0.48	1.2	6	1.5

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr		
Z114F1	J600335	49.00	50.00	1.00	paleoweathered granitic gneiss	9	6	64		
Z114F1	J600336	50.00	51.00	1.00	paleoweathered granitic gneiss	10	13	94		
Z114F1	J600337	51.00	52.00	1.00	paleoweathered granitic gneiss	9	18	93		
Z114F1	J600338	52.00	53.00	1.00	paleoweathered granitic gneiss	9	19	92		
Z114F1	J600339	53.00	54.00	1.00	paleoweathered granitic gneiss	11	17	94		
Z114F1	J600340	54.00	54.00	0.00	Control: J601133 Pulp	7	8140	47		
Z114F1	J600341	54.00	55.00	1.00	paleoweathered granitic gneiss	10	39	75		
Z114F1	J600342	55.00	56.00	1.00	paleoweathered granitic gneiss	12	24	107		
Z114F1	J600343	56.00	57.00	1.00	paleoweathered granitic gneiss	9	19	75		
Z114F1	J600344	57.00	58.00	1.00	paleoweathered granitic gneiss	10	16	114		
Z114F1	J600345	58.00	59.00	1.00	paleoweathered granitic gneiss	10	22	95		
Z114F1	J600346	59.00	60.00	1.00	paleoweathered granitic gneiss	10	36	87		
Z114F1	J600347	60.00	61.00	1.00	paleoweathered granitic gneiss	10	32	96		
Z114F1	J600348	61.00	62.00	1.00	granitic gneiss	13	27	98		
Z114F1	J600361	62.00	63.00	1.00	granitic gneiss	7	34	66		
Z114F1	J600362	63.00	65.00	2.00	granitic gneiss	7	32	84		
Z114F1	J600363	65.00	67.00	2.00	granitic gneiss	18	29	141		
Z114F1	J600364	67.00	69.00	2.00	granitic gneiss	7	25	70		
Z114F1	J600365	69.00	71.00	2.00	granitic gneiss	8	26	90		
Z114F1	J600017	71.00	71.68	0.68	granitic gneiss	7	34	82		
Z114F1	J600018	71.68	72.70	1.02	granitic gneiss	11	31	71		
Z114F1	J600019	72.70	73.70	1.00	granitic gneiss	12	21	57		
Z114F1	J600020	73.70	74.74	1.04	granitic gneiss	16	10	42		
Z114F1	J600021	74.74	75.78	1.04	granitic gneiss	37	18	283		
Z114F1	J600022	75.78	76.78	1.00	granitic gneiss	55	23	85		
Z114F1	J600023	76.78	77.78	1.00	granitic gneiss/nepheline syenite	34	46	433		
Z114F1	J600024	77.78	78.78	1.00	nepheline syenite	48	99	>500		
Z114F1	J600025	78.78	79.78	1.00	nepheline syenite	40	65	449		0.08
Z114F1	J600026	79.78	81.00	1.22	nepheline syenite/graphitic bx'd granitic gneiss	8	17	71		4.48

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr		
Z114F1	J600027	81.00	82.00	1.00	graphitic brecciated (bx'd) granitic gneiss	13	15	62		7.86
Z114F1	J600028	82.00	83.00	1.00	graphitic bx'd granitic gneiss	13	7	14		4.85
Z114F1	J600029	83.00	84.00	1.00	graphitic bx'd granitic gneiss	10	9	56		9.16
Z114F1	J600030	84.00	85.00	1.00	graphitic bx'd granitic gneiss	8	10	65		6.92
Z114F1	J600031	85.00	86.00	1.00	graphitic bx'd granitic gneiss	12	15	95		6.04
Z114F1	J600032	86.00	87.00	1.00	graphitic bx'd granitic gneiss	6	16	58		1.35
Z114F1	J600033	87.00	88.00	1.00	graphitic bx'd granitic gneiss	4	14	33		1.26
Z114F1	J600034	88.00	89.00	1.00	graphitic bx'd granitic gneiss	7	15	65		1
Z114F1	J600035	89.00	89.71	0.71	graphitic bx'd granitic gneiss	8	14	50		2.54
Z114F1	J600036	89.71	90.71	1.00	granitic gneiss	6	24	87		0.31
Z114F1	J600037	90.71	91.79	1.08	granitic gneiss	11	24	127		
Z114F1	J600038	91.79	92.79	1.00	granitic gneiss	7	17	81		
Z114F1	J600349	92.79	94.00	1.21	granitic gneiss	6	21	78		
Z114F1	J600350	94.00	96.00	2.00	granitic gneiss	12	20	77		
Z114F1	J600351	96.00	98.00	2.00	granitic gneiss with trace disseminated pyrite	9	17	74		
Z114F1	J600352	98.00	100.00	2.00	granitic gneiss with trace disseminated pyrite	11	16	67		
Z114F1	J600353	100.00	102.00	2.00	granitic gneiss with trace disseminated pyrite	13	14	65		
Z114F1	J600354	102.00	104.00	2.00	granitic gneiss	13	15	63		
Z114F1	J600355	104.00	106.00	2.00	granitic gneiss	7	19	62		
Z114F1	J600356	106.00	108.00	2.00	granitic gneiss with 0.5% pyrite between 107 & 108m	5	16	71		
Z114F1	J600357	108.00	110.00	2.00	granitic gneiss	6	15	75		
Z114F1	J600358	110.00	111.50	1.50	granitic gneiss	5	19	80		
Z114F1	J600359	111.50	112.50	1.00	granitic gneiss	6	19	79		
Z114F1	J600039	112.50	113.25	0.75	graphitic bx'd granitic gneiss	5	19	78		1.4
Z114F1	J600360	112.50	112.50	0.00	Control: J601133 Raw/Reject	7	6920	50		
Z114F1	J600040	113.25	114.00	0.75	graphitic bx'd granitic gneiss	5	17	78		3.06
Z114F1	J600041	114.00	115.00	1.00	graphitic bx'd granitic gneiss	7	34	82		0.97
Z114F1	J600042	115.00	116.00	1.00	graphitic bx'd granitic gneiss	7	21	70		0.97
Z114F1	J600043	116.00	117.00	1.00	graphitic bx'd granitic gneiss	11	34	79		0.62

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr	Zn	C
Z114F1	J600044	117.00	118.00	1.00	graphitic bx'd granitic gneiss	8	35	94		0.79
Z114F1	J600045	118.00	119.00	1.00	graphitic bx'd granitic gneiss	5	30	80		0.37
Z114F1	J600046	119.00	120.00	1.00	graphitic bx'd granitic gneiss	5	17	88		1.53
Z114F1	J600047	120.00	121.00	1.00	graphitic bx'd granitic gneiss	6	13	90		4.44
Z114F1	J600048	121.00	121.75	0.75	graphitic bx'd granitic gneiss	6	12	91		6.04
Z114F1	J600049	121.75	122.50	0.75	graphitic bx'd granitic gneiss	8	11	92		5.92
Z114F1	J600050	122.50	123.50	1.00	graphitic bx'd granitic gneiss and fractured zone	12	9	79		6.82
Z114F1	J600051	123.50	124.25	0.75	graphitic bx'd granitic gneiss and fractured zone	8	11	83		8.25
Z114F1	J600052	124.25	125.00	0.75	graphitic bx'd granitic gneiss and fractured zone	8	9	63		7.48
Z114F1	J600053	125.00	126.00	1.00	graphitic bx'd granitic gneiss	13	22	78		4.96
Z114F1	J600054	126.00	127.00	1.00	graphitic bx'd granitic gneiss	15	9	44		5.27
Z114F1	J600055	127.00	128.00	1.00	graphitic bx'd granitic gneiss	7	12	86		3.23
Z114F1	J600056	128.00	129.00	1.00	graphitic bx'd granitic gneiss	7	37	74		0.58
Z114F1	J600057	129.00	130.09	1.09	graphitic bx'd granitic gneiss	7	26	80		1.32
Z114F1	J600058	130.09	130.90	0.81	graphitic bx'd granitic gneiss	27	53	295		0.27
Z114F1	J600059	130.90	132.00	1.10	graphitic bx'd granitic gneiss	7	32	100		0.72
Z114F1	J600060	132.00	133.00	1.00	graphitic bx'd granitic gneiss	9	31	109		0.61
Z114F1	J600061	133.00	134.00	1.00	graphitic bx'd granitic gneiss	7	17	78		2.73
Z114F1	J600062	134.00	134.70	0.70	graphitic bx'd granitic gneiss	50	38	374		0.29
Z114F1	J600063	134.70	135.80	1.10	graphitic bx'd granitic gneiss	6	14	77		1.8
Z114F1	J600064	135.80	136.90	1.10	graphitic bx'd granitic gneiss	15	60	90		4.39
Z114F1	J600065	136.90	138.00	1.10	graphitic bx'd granitic gneiss	15	37	108		6.81
Z114F1	J600066	138.00	139.00	1.00	graphitic bx'd granitic gneiss	27	62	131		5.01
Z114F1	J600067	139.00	140.00	1.00	graphitic bx'd granitic gneiss	7	22	79		4.4
Z114F1	J600068	140.00	141.00	1.00	graphitic bx'd granitic gneiss	7	17	77		6.19
Z114F1	J600069	141.00	142.00	1.00	graphitic bx'd granitic gneiss	7	14	69		4.22
Z114F1	J600070	142.00	143.00	1.00	graphitic bx'd granitic gneiss	9	12	59		4.89

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr	Zn	C
Z114F1	J600071	143.00	144.00	1.00	graphitic bx'd granitic gneiss	5	20	90		0.94
Z114F1	J600072	144.00	144.75	0.75	graphitic bx'd granitic gneiss	5	24	76		1.31
Z114F1	J600073	144.75	146.00	1.25	graphitic bx'd granitic gneiss	16	36	72		9.56
Z114F1	J600074	146.00	147.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	35	94	343		2.81
Z114F1	J600075	147.00	148.00	1.00	mafic dyke	36	88	379		2.79
Z114F1	J600076	148.00	149.00	1.00	mafic dyke/graphitic bx'd granitic gneiss	16	32	140		7.49
Z114F1	J600077	149.00	150.00	1.00	graphitic bx'd granitic gneiss	15	28	92		7.91
Z114F1	J600078	150.00	151.00	1.00	graphitic bx'd granitic gneiss	11	18	78		5.82
Z114F1	J600079	151.00	152.00	1.00	graphitic bx'd granitic gneiss	12	68	86		5.27
Z114F1	J600080	152.00	153.00	1.00	graphitic bx'd granitic gneiss	18	36	96	2.12	4.1
Z114F1	J600081	153.00	154.00	1.00	graphitic bx'd granitic gneiss	18	65	106		4.13
Z114F1	J600082	154.00	155.00	1.00	graphitic bx'd granitic gneiss	17	44	103		5.56
Z114F1	J600083	155.00	156.00	1.00	graphitic bx'd granitic gneiss	14	39	94		4.48
Z114F1	J600084	156.00	157.00	1.00	graphitic bx'd granitic gneiss	16	43	95		4.28
Z114F1	J600085	157.00	158.00	1.00	graphitic bx'd granitic gneiss	10	30	71		2.27
Z114F1	J600086	158.00	159.00	1.00	graphitic bx'd granitic gneiss	16	60	73		2.61
Z114F1	J600087	159.00	160.00	1.00	graphitic bx'd granitic gneiss	15	27	84		5.5
Z114F1	J600088	160.00	161.00	1.00	graphitic bx'd granitic gneiss	9	26	50		3.92
Z114F1	J600089	161.00	162.00	1.00	graphitic bx'd granitic gneiss	15	68	92		3.24
Z114F1	J600090	162.00	163.00	1.00	graphitic bx'd granitic gneiss	13	36	74		4.08
Z114F1	J600091	163.00	164.00	1.00	graphitic bx'd granitic gneiss	19	34	80		3.77
Z114F1	J600092	164.00	165.00	1.00	graphitic bx'd granitic gneiss	10	24	66		3.33
Z114F1	J600093	165.00	166.00	1.00	graphitic bx'd granitic gneiss and fractured zone	14	45	112		5.1
Z114F1	J600094	166.00	167.00	1.00	graphitic bx'd granitic gneiss and fractured zone	20	38	174		4.62
Z114F1	J600095	167.00	168.00	1.00	graphitic bx'd granitic gneiss and fractured zone	38	73	352		1.96
Z114F1	J600096	168.00	169.00	1.00	graphitic bx'd granitic gneiss and fractured zone	28	47	219		1.95

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr	Zn	C
Z114F1	J600097	169.00	170.00	1.00	graphitic bx'd granitic gneiss / mafic dyke	25	68	271		2.96
Z114F1	J600098	170.00	171.00	1.00	mafic dyke	38	148	>500		0.17
Z114F1	J600099	171.00	172.00	1.00	mafic dyke	32	234	444		1.59
Z114F1	J600100	172.00	173.00	1.00	graphitic bx'd granitic gneiss	10	28	82		10.3
Z114F1	J600101	173.00	174.00	1.00	graphitic bx'd granitic gneiss	9	23	74		8.99
Z114F1	J600102	174.00	175.00	1.00	graphitic bx'd granitic gneiss	9	23	77		7.38
Z114F1	J600103	175.00	176.00	1.00	graphitic bx'd granitic gneiss	10	24	79		7.09
Z114F1	J600104	176.00	177.00	1.00	graphitic bx'd granitic gneiss	10	27	81		6.86
Z114F1	J600105	177.00	178.00	1.00	graphitic bx'd granitic gneiss	10	24	79		8.38
Z114F1	J600106	178.00	179.00	1.00	graphitic bx'd granitic gneiss	10	21	76		9.53
Z114F1	J600107	179.00	180.02	1.02	graphitic bx'd granitic gneiss	9	15	75		7.23
Z114F1	J600108	180.02	181.00	0.98	granitic gneiss	10	139	107		0.4
Z114F1	J600109	181.00	182.00	1.00	granitic gneiss	17	103	155		0.36
Z114F1	J600110	182.00	183.06	1.06	granitic gneiss	17	508	209		0.27
Z114F1	J600111	183.06	184.00	0.94	graphitic bx'd granitic gneiss	17	17	98		3.48
Z114F1	J600112	184.00	185.00	1.00	graphitic bx'd granitic gneiss	14	18	78		3.61
Z114F1	J600113	185.00	186.00	1.00	graphitic bx'd granitic gneiss	20	29	102		3.87
Z114F1	J600114	186.00	187.00	1.00	graphitic bx'd granitic gneiss	11	21	81		3.83
Z114F1	J600115	187.00	188.00	1.00	graphitic bx'd granitic gneiss	11	20	84		3.47
Z114F1	J600366	188.00	189.00	1.00	graphitic bx'd granitic gneiss	11	21	90		3.2
Z114F1	J600367	189.00	191.00	2.00	graphitic bx'd granitic gneiss, trachyte	12	133	86		2.48
Z114F1	J600368	191.00	193.00	2.00	trachyte	15	265	90		0.59
Z114F1	J600369	193.00	195.00	2.00	trachyte, lamprophyre dyke, syenite	36	164	397		
Z114F1	J600370	195.00	197.00	2.00	syenite	47	95	>500		
Z114F1	J600371	219.50	221.50	2.00	spotted syenite with mafic dykes, pyrrhotite on fracture	41	157	>500		
Z114F1	J600372	236.00	238.00	2.00	syenite with strong orange and pink potassic alteration	108	209	330		
Z114F1	J600373	253.00	255.00	2.00	syenite and phreatomagmatic bx'd granitic gneiss	44	126	209		0.35

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr	Zn	C
Z114F1	J600374	255.00	257.00	2.00	phreatomagmatic bx'd granitic gneiss	20	118	154		0.66
Z114F1	J600375	257.00	259.00	2.00	phreatomagmatic bx'd granitic gneiss, alt & tr py	37	81	298		0.37
Z114F1	J600376	259.00	261.00	2.00	phreatomagmatic bx'd granitic gneiss, tr py	18	60	143		0.56
Z114F1	J600377	261.00	263.00	2.00	phreatomagmatic bx'd granitic gneiss	12	66	101		0.53
Z114F1	J600378	263.00	265.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	14	62	122		0.61
Z114F1	J600379	265.00	267.00	2.00	phreatomagmatic bx'd granitic gneiss, aplite, tr py	16	70	136		0.87
Z114F1	J600380	267.00	267.00	0.00	Control: J601133 Pulp	7	7070	53		
Z114F1	J600381	267.00	269.00	2.00	phreatomagmatic bx'd granitic gneiss	10	47	81		1
Z114F1	J600382	269.00	271.00	2.00	phreatomagmatic bx'd granitic gneiss	21	69	142		0.35
Z114F1	J600383	271.00	273.00	2.00	phreatomagmatic bx'd granitic gneiss	37	78	301		0.27
Z114F1	J600384	273.00	275.00	2.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	56	167	>500		0.36
Z114F1	J600116	289.50	290.50	1.00	nepheline syenite	49	95	448		
Z114F1	J600117	290.50	291.50	1.00	nepheline syenite	53	128	>500		
Z114F1	J600118	291.50	292.50	1.00	nepheline syenite	46	96	400		
Z114F1	J600119	292.50	293.50	1.00	nepheline syenite	25	115	223		
Z114F1	J600120	293.50	294.50	1.00	nepheline syenite	24	125	208		
Z114F1	J600121	294.50	295.50	1.00	nepheline syenite	20	33	92		
Z114F1	J600122	295.50	296.50	1.00	nepheline syenite	14	43	92		
Z114F1	J600123	296.50	297.50	1.00	nepheline syenite	36	102	484		
Z114F1	J600124	297.50	298.50	1.00	nepheline syenite	38	65	>500		
Z114F1	J600125	298.50	299.50	1.00	nepheline syenite	48	98	366		
Z114F1	J600126	299.50	300.50	1.00	nepheline syenite	39	84	349		
Z114F1	J600127	300.50	301.50	1.00	nepheline syenite	53	20	423		
Z114F1	J600128	301.50	302.50	1.00	nepheline syenite	37	32	382		
Z114F1	J600129	302.50	303.30	0.80	nepheline syenite	72	105	305		
Z114F1	J600130	303.30	304.00	0.70	nepheline syenite	67	42	381	2.2	

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr	Zn	C
Z114F1	J600131	304.00	305.00	1.00	nepheline syenite	52	72	325	2.23	
Z114F1	J600132	305.00	306.00	1.00	nepheline syenite	52	189	476		
Z114F1	J600385	311.00	312.90	1.90	nepheline syenite	73	398	296		
Z114F1	J600386	312.90	313.10	0.20	nepheline syenite	>500	6560	445		
Z114F1	J600387	313.10	315.00	1.90	nepheline syenite	64	225	459		
Z114F1	J600388	321.50	323.50	2.00	syenite, feldspathoid phyric mafic dyke	68	114	337		
Z114F1	J600389	323.50	325.50	2.00	nepheline syenite, feldspathoid-rich layer with trace po	47	115	368		
Z114F1	J600390	325.50	327.50	2.00	nepheline syenite	49	92	299		
Z114F1	J600133	327.50	328.50	1.00	nepheline syenite, olivine-feldspathoid phyric mafic dyke	42	93	394		
Z114F1	J600134	328.50	329.50	1.00	nepheline syenite	35	99	370		0.6
Z114F1	J600135	329.50	330.47	0.97	nepheline syenite, graphitic bx'd granitic gneiss	33	74	342		0.21
Z114F1	J600136	330.47	331.07	0.60	graphitic bx'd granitic gneiss	21	61	169		1.36
Z114F1	J600137	331.07	332.00	0.93	graphitic bx'd granitic gneiss	34	88	437		1.39
Z114F1	J600138	332.00	333.00	1.00	graphitic bx'd granitic gneiss	10	31	88		2.78
Z114F1	J600139	333.00	334.00	1.00	graphitic bx'd granitic gneiss	12	51	86		2.4
Z114F1	J600140	334.00	335.00	1.00	graphitic bx'd granitic gneiss	17	47	92		2.06
Z114F1	J600141	335.00	336.00	1.00	graphitic bx'd granitic gneiss	44	63	344		1.25
Z114F1	J600142	336.00	337.00	1.00	graphitic bx'd granitic gneiss	26	54	186		0.53
Z114F1	J600143	337.00	338.00	1.00	graphitic bx'd granitic gneiss	11	57	126		2.36
Z114F1	J600144	338.00	339.00	1.00	graphitic bx'd granitic gneiss	26	83	229		0.18
Z114F1	J600145	339.00	340.00	1.00	graphitic bx'd granitic gneiss	45	112	353		0.07
Z114F1	J600146	340.00	341.00	1.00	graphitic bx'd granitic gneiss	57	159	409		0.09
Z114F1	J600147	341.00	342.00	1.00	graphitic bx'd granitic gneiss	42	121	400		0.18
Z114F1	J600148	342.00	343.00	1.00	graphitic bx'd granitic gneiss	37	110	344		1.38
Z114F1	J600149	343.00	344.00	1.00	graphitic bx'd granitic gneiss	25	109	149		4.64
Z114F1	J600150	344.00	345.00	1.00	graphitic bx'd granitic gneiss	16	58	142		3.88
Z114F1	J600151	345.00	346.00	1.00	graphitic bx'd granitic gneiss	15	42	80		3.91

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr	Zn	C
Z114F1	J600152	346.00	347.00	1.00	graphitic bx'd granitic gneiss	26	64	90		2.64
Z114F1	J600153	347.00	348.00	1.00	graphitic bx'd granitic gneiss	17	57	91		2.72
Z114F1	J600154	348.00	349.00	1.00	graphitic bx'd granitic gneiss	16	58	98		4.11
Z114F1	J600155	349.00	349.74	0.74	graphitic bx'd granitic gneiss	17	53	112		2.67
Z114F1	J600156	349.74	351.00	1.26	graphitic bx'd granitic gneiss	45	108	405		0.06
Z114F1	J600157	351.00	352.00	1.00	graphitic bx'd granitic gneiss	49	108	452		0.05
Z114F1	J600158	352.00	353.00	1.00	graphitic bx'd granitic gneiss	37	105	454		0.07
Z114F1	J600159	353.00	354.00	1.00	graphitic bx'd granitic gneiss	22	45	195		4.25
Z114F1	J600160	354.00	354.00	0.00	Control - J601132 PULP	6	>10000	31		5.05
Z114F1	J600161	354.00	355.00	1.00	graphitic bx'd granitic gneiss	18	70	148		3.36
Z114F1	J600162	355.00	356.00	1.00	graphitic bx'd granitic gneiss	75	122	>500		0.12
Z114F1	J600163	356.00	357.00	1.00	graphitic bx'd granitic gneiss	48	120	>500		0.1
Z114F1	J600164	357.00	358.00	1.00	graphitic bx'd granitic gneiss	48	107	462		0.15
Z114F1	J600165	358.00	359.00	1.00	graphitic bx'd granitic gneiss	20	71	93		0.44
Z114F1	J600166	359.00	360.00	1.00	graphitic bx'd granitic gneiss	9	44	91		1.74
Z114F1	J600167	360.00	361.00	1.00	graphitic bx'd granitic gneiss	21	44	117		4.02
Z114F1	J600168	361.00	362.00	1.00	graphitic bx'd granitic gneiss	28	63	285		3.59
Z114F1	J600169	362.00	363.00	1.00	graphitic bx'd granitic gneiss	19	55	197		5.76
Z114F1	J600170	363.00	364.00	1.00	graphitic bx'd granitic gneiss	18	45	87		6.93
Z114F1	J600171	364.00	365.00	1.00	graphitic bx'd granitic gneiss	14	44	86		5.94
Z114F1	J600172	365.00	366.00	1.00	graphitic bx'd granitic gneiss	13	44	102		6.05
Z114F1	J600173	366.00	367.00	1.00	graphitic bx'd granitic gneiss	17	51	96		4.69
Z114F1	J600174	367.00	368.00	1.00	graphitic bx'd granitic gneiss	9	38	94		5.07
Z114F1	J600175	368.00	368.90	0.90	graphitic bx'd granitic gneiss	15	51	91		4.55
Z114F1	J600176	368.90	369.53	0.63	graphitic bx'd granitic gneiss	18	88	140		0.73
Z114F1	J600177	369.53	370.51	0.98	graphitic bx'd granitic gneiss	10	34	94		5.59
Z114F1	J600178	370.51	371.51	1.00	graphitic bx'd granitic gneiss	16	70	92		6.55
Z114F1	J600179	371.51	372.51	1.00	graphitic bx'd granitic gneiss	13	65	109		3.49
Z114F1	J600180	372.51	372.51	0.00	Control - J601133 PULP	7	8080	57		
Z114F1	J600181	372.51	373.51	1.00	graphitic bx'd granitic gneiss	12	55	98		4.47

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr		
Z114F1	J600182	373.51	374.00	0.49	graphitic bx'd granitic gneiss	37	142	>500		0.76
Z114F1	J600183	374.00	374.74	0.74	graphitic bx'd granitic gneiss	25	66	108		0.74
Z114F1	J600184	374.74	375.74	1.00	graphitic bx'd granitic gneiss	12	73	73		0.3
Z114F1	J600185	375.74	376.74	1.00	graphitic bx'd granitic gneiss	16	63	98		0.78
Z114F1	J600186	376.74	377.74	1.00	graphitic bx'd granitic gneiss	11	76	96		1.21
Z114F1	J600187	377.74	378.74	1.00	nepheline syenite	46	118	>500		0.09
Z114F1	J600188	378.74	379.74	1.00	nepheline syenite	50	150	>500		
Z114F1	J600189	379.74	380.74	1.00	nepheline syenite	37	151	464		
Z114F1	J600391	380.75	382.00	1.25	nepheline syenite	54	119	388		
Z114F1	J600392	382.00	384.00	2.00	nepheline syenite	46	142	400		
Z114F1	J600393	384.00	386.00	2.00	nepheline syenite	45	170	404		
Z114F1	J600394	386.00	388.00	2.00	nepheline syenite	37	132	358		
Z114F1	J600395	388.00	390.00	2.00	nepheline syenite	40	162	487		
Z114F1	J600396	390.00	392.00	2.00	nepheline syenite	42	133	478		
Z114F1	J600397	392.00	394.00	2.00	nepheline syenite	48	140	426		
Z114F1	J600398	394.00	396.00	2.00	nepheline syenite	38	112	473		
Z114F1	J600399	396.00	397.38	1.38	nepheline syenite	38	116	323		
Z114F1	J600190	397.38	398.38	1.00	nepheline syenite	40	134	436		
Z114F1	J600191	398.38	399.38	1.00	nepheline syenite	67	124	427		0.07
Z114F1	J600192	399.38	400.38	1.00	nepheline syenite, graphitic bx'd granitic gneiss	44	95	290		0.14
Z114F1	J600193	400.38	401.20	0.82	graphitic bx'd granitic gneiss	10	53	87		3.54
Z114F1	J600194	401.20	402.00	0.80	graphitic bx'd granitic gneiss	51	111	>500		1.55
Z114F1	J600195	402.00	403.00	1.00	graphitic bx'd granitic gneiss	9	33	87		3.1
Z114F1	J600196	403.00	404.00	1.00	graphitic bx'd granitic gneiss	11	52	116		0.45
Z114F1	J600197	404.00	405.00	1.00	graphitic bx'd granitic gneiss	17	49	165		3.35
Z114F1	J600198	405.00	406.00	1.00	graphitic bx'd granitic gneiss	8	44	90		2.19
Z114F1	J600199	406.00	407.00	1.00	graphitic bx'd granitic gneiss	9	48	96		2.56
Z114F1	J600200	407.00	407.00	0.00	Control - J601132 PULP	6	>10000	30		

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr		
Z114F1	J600201	407.00	408.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	48	119	479		0.23
Z114F1	J600202	408.00	409.00	1.00	nepheline syenite	53	134	472		0.07
Z114F1	J600203	409.00	410.00	1.00	nepheline syenite	49	146	475		
Z114F1	J600204	410.00	411.00	1.00	nepheline syenite	49	132	>500		0.07
Z114F1	J600205	411.00	412.00	1.00	nepheline syenite, graphitic bx'd granitic gneiss	41	106	>500		0.56
Z114F1	J600206	412.00	413.00	1.00	graphitic bx'd granitic gneiss	16	53	143		1.87
Z114F1	J600207	413.00	414.00	1.00	graphitic bx'd granitic gneiss	9	49	71		2
Z114F1	J600208	414.00	415.00	1.00	graphitic bx'd granitic gneiss	15	66	118		2.84
Z114F1	J600209	415.00	416.00	1.00	graphitic bx'd granitic gneiss	10	68	80		0.96
Z114F1	J600210	416.00	417.00	1.00	graphitic bx'd granitic gneiss	10	42	68		2.25
Z114F1	J600211	417.00	418.00	1.00	graphitic bx'd granitic gneiss	10	47	72		1.75
Z114F1	J600212	418.00	419.00	1.00	graphitic bx'd granitic gneiss	8	48	81		2.21
Z114F1	J600213	419.00	420.00	1.00	graphitic bx'd granitic gneiss	9	35	80		5.28
Z114F1	J600214	420.00	421.00	1.00	graphitic bx'd granitic gneiss	11	85	106		3.12
Z114F1	J600215	421.00	422.00	1.00	graphitic bx'd granitic gneiss	11	61	87		3.16
Z114F1	J600216	422.00	423.00	1.00	graphitic bx'd granitic gneiss	13	109	100		3.48
Z114F1	J600217	423.00	424.00	1.00	graphitic bx'd granitic gneiss	24	81	254		3.38
Z114F1	J600218	424.00	425.00	1.00	graphitic bx'd granitic gneiss	11	48	91		3.01
Z114F1	J600219	425.00	426.00	1.00	graphitic bx'd granitic gneiss	48	97	428		0.63
Z114F1	J600220	426.00	426.00	0.00	Control - J601133 PULP	7	7760	55		
Z114F1	J600221	426.00	427.00	1.00	graphitic bx'd granitic gneiss	42	84	490		1.61
Z114F1	J600222	427.00	428.00	1.00	graphitic bx'd granitic gneiss	8	46	70		2.76
Z114F1	J600223	428.00	429.00	1.00	graphitic bx'd granitic gneiss	11	31	85		3.86
Z114F1	J600224	429.00	430.00	1.00	graphitic bx'd granitic gneiss	12	44	87		6.8
Z114F1	J600225	430.00	431.00	1.00	graphitic bx'd granitic gneiss	12	41	94		2.63
Z114F1	J600226	431.00	432.00	1.00	graphitic bx'd granitic gneiss	23	111	135		1.36
Z114F1	J600227	432.00	433.00	1.00	graphitic bx'd granitic gneiss	24	92	115		3.87
Z114F1	J600228	433.00	434.00	1.00	graphitic bx'd granitic gneiss	31	166	155		0.08

CORE SAMPLES AND ASSAYS

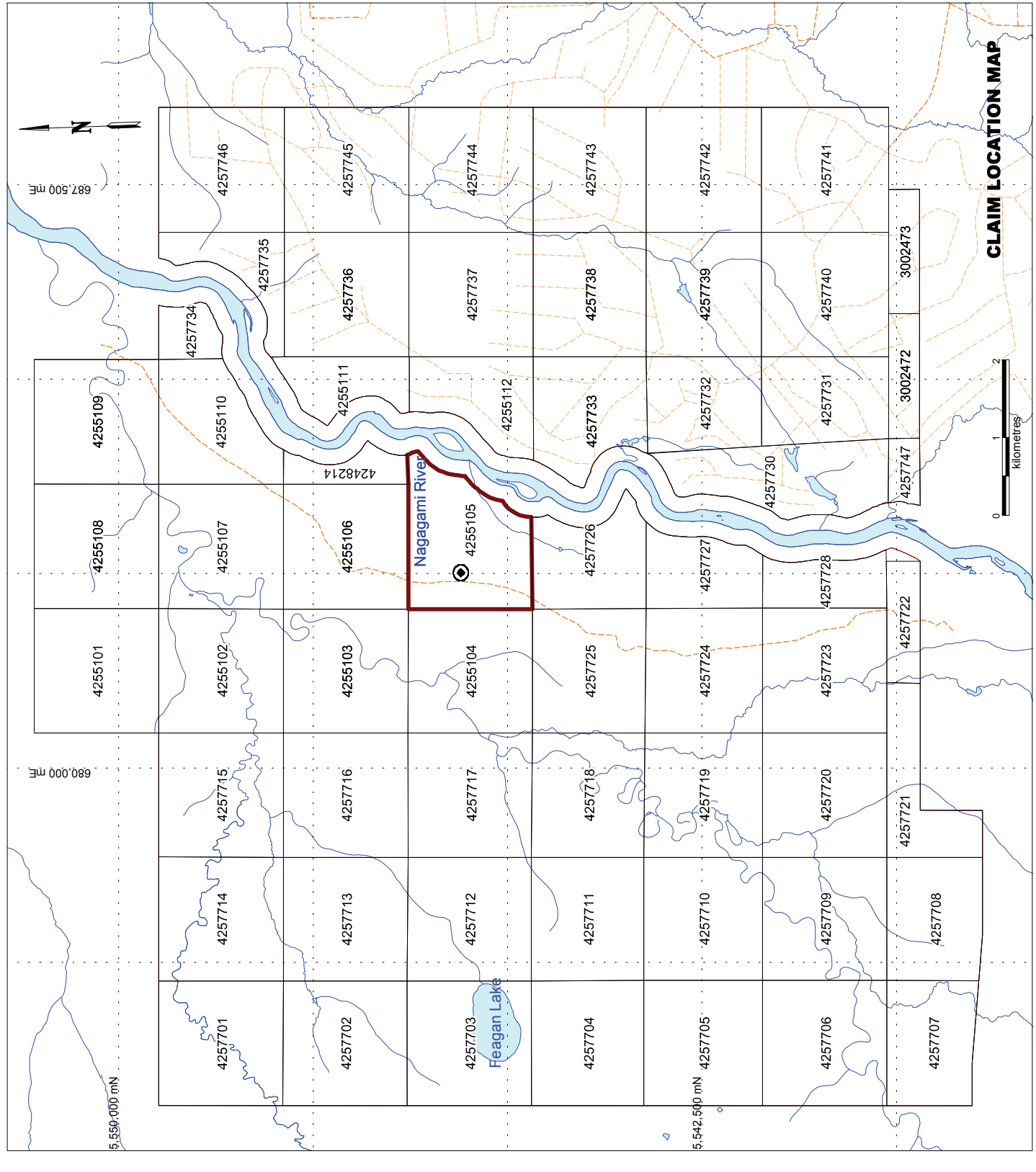
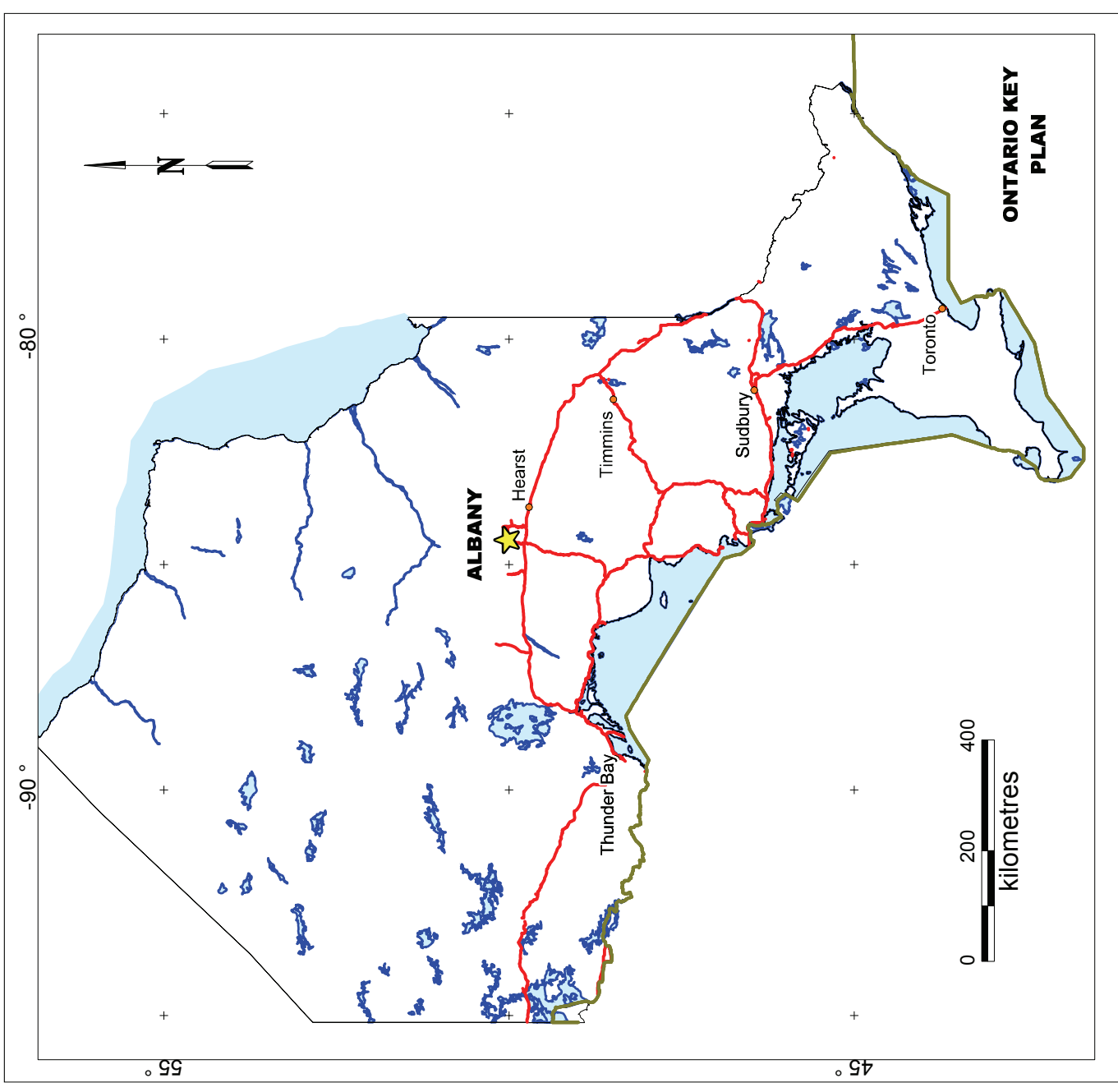
HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm	Zn	C
						Y	Zn	Zr		
Z114F1	J600229	434.00	435.00	1.00	graphitic bx'd granitic gneiss	14	59	97		4.33
Z114F1	J600230	435.00	436.00	1.00	graphitic bx'd granitic gneiss	13	45	86		4.46
Z114F1	J600231	436.00	436.67	0.67	graphitic bx'd granitic gneiss	15	95	76		4.63
Z114F1	J600232	436.67	437.38	0.71	graphitic bx'd granitic gneiss	57	47	115		6.53
Z114F1	J600233	437.38	438.50	1.12	granitic gneiss	20	30	74		0.13
Z114F1	J600234	438.50	439.50	1.00	granitic gneiss	11	31	55		0.11
Z114F1	J600235	439.50	440.60	1.10	granitic gneiss	6	29	60		0.13
Z114F1	J600236	440.60	441.60	1.00	graphitic bx'd granitic gneiss	11	47	81		3.3
Z114F1	J600237	441.60	442.60	1.00	mafic dyke	40	208	397		0.13
Z114F1	J600238	442.60	443.60	1.00	mafic dyke	33	205	365		
Z114F1	J600239	443.60	444.60	1.00	mafic dyke	42	186	>500		
Z114F1	J600240	444.60	444.60	0.00	Control - J601132 PULP	6	>10000	27		
Z114F1	J600241	444.60	445.60	1.00	mafic dyke	43	170	>500		
Z114F1	J600242	445.60	446.60	1.00	mafic dyke	43	212	415		
Z114F1	J600243	446.60	447.60	1.00	mafic dyke	47	158	>500		
Z114F1	J600244	447.60	448.60	1.00	mafic dyke	55	172	>500		
Z114F1	J600245	448.60	449.60	1.00	mafic dyke	41	151	496		
Z114F1	J600246	449.60	450.60	1.00	mafic dyke	42	190	440		
Z114F1	J600247	450.60	451.60	1.00	mafic dyke	45	175	>500		
Z114F1	J600248	451.60	452.60	1.00	mafic dyke	40	151	496		
Z114F1	J600249	452.60	453.60	1.00	mafic dyke	40	164	469		
Z114F1	J600250	453.60	454.60	1.00	mafic dyke	39	148	>500		
Z114F1	J600251	454.60	455.60	1.00	mafic dyke	37	155	>500		
Z114F1	J600252	455.60	456.67	1.07	mafic dyke	38	154	403		
Z114F1	J600253	456.67	457.70	1.03	graphitic bx'd granitic gneiss and mafic dyke	32	82	396		0.92
Z114F1	J600254	457.70	458.70	1.00	graphitic bx'd granitic gneiss and mafic dyke	22	67	185		0.3
Z114F1	J600259	458.70	459.60	0.90	granitic gneiss, nephelinite	41	96	>500		
Z114F1	J600260	459.60	460.66	1.06	granitic gneiss	43	100	>500		
Z114F1	J600261	460.66	461.40	0.74	nephelinite	30	106	>500		
Z114F1	J600262	461.40	463.00	1.60	granitic gneiss	35	105	348		

CORE SAMPLES AND ASSAYS

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	COMMENT	ME-MS61	ME-MS61	ME-MS61	%	%
						ppm	ppm	ppm		
						Y	Zn	Zr	Zn	C
Z114F1	J600263	463.00	464.60	1.60	granitic gneiss	34	102	341		
Z114F1	J600264	464.60	466.20	1.60	granitic gneiss	36	107	319		
Z114F1	J600265	466.20	467.30	1.10	nephelinite, nepheline syenite	33	105	336		0.21
Z114F1	J600266	467.30	468.50	1.20	graphitic bx'd nepheline syenite	51	90	101		3.43
Z114F1	J600267	468.50	470.00	1.50	graphitic bx'd nepheline syenite	24	66	125		4.81
Z114F1	J600268	470.00	471.50	1.50	graphitic bx'd nepheline syenite	22	34	97		5.03
Z114F1	J600269	471.50	472.80	1.30	graphitic bx'd nepheline syenite	14	84	126		3.34
Z114F1	J600270	472.80	473.70	0.90	nephelinite	11	35	117		0.43
Z114F1	J600271	473.70	474.65	0.95	nepheline syenite	33	87	404		0.18
Z114F1	J600272	474.65	476.30	1.65	graphitic bx'd nephelinite	9	23	72		1.95
Z114F1	J600273	476.30	478.00	1.70	graphitic bx'd nephelinite	18	46	138		2.85
Z114F1	J600274	478.00	479.50	1.50	graphitic bx'd nephelinite	8	41	128		0.33
Z114F1	J600275	479.50	481.00	1.50	nepheline syenite	27	82	384		0.29
Z114F1	J600276	481.00	482.50	1.50	phreatomagmatic, graphitic & breccia	33	117	462		0.05
Z114F1	J600277	482.50	484.00	1.50	phreatomagmatic, graphitic & breccia	31	90	370		2.12
Z114F1	J600278	484.00	485.50	1.50	phreatomagmatic, graphitic & breccia	38	121	>500		1.77
Z114F1	J600279	485.50	487.00	1.50	phreatomagmatic, graphitic & breccia	14	36	136		3.84
Z114F1	J600280	487.00	488.50	1.50	phreatomagmatic, graphitic & breccia	21	58	207		2.93
Z114F1	J600281	488.50	490.00	1.50	nepheline syenite	26	84	288		0.05
Z114F1	J600282	490.00	492.00	2.00	nepheline syenite, po clot	25	103	294		
Z114F1	J600283	492.00	494.00	2.00	nepheline syenite	34	110	425		
Z114F1	J600284	494.00	496.00	2.00	nepheline syenite	43	115	>500		
Z114F1	J600285	496.00	498.00	2.00	nepheline syenite	29	105	292		
Z114F1	J600286	498.00	500.00	2.00	nepheline syenite	31	101	261		
Z114F1	J600287	500.00	502.00	2.00	nepheline syenite, mafic dyke	37	115	436		
Z114F1	J600288	502.00	504.00	2.00	nepheline syenite	41	103	288		
Z114F1	J600289	504.00	506.00	2.00	nepheline syenite	33	91	338		0.18
Z114F1	J600290	506.00	508.00	2.00	graphitic bx'd nephelinite	12	36	90		3.59
Z114F1	J600291	508.00	510.00	2.00	graphitic bx'd nephelinite	8	48	76		1.47

DDH Z114F1 WHOLE ROCK SAMPLING

HOLE ID	SAMPLE ID	FROM (m)	TO (m)	LENGTH (m)	LITHOLOGY
Z114F1	J601476	78.44	78.58	0.14	nepheline syenite
Z114F1	J601477	134.26	134.41	0.15	aplite
Z114F1	J601478	147.20	147.34	0.14	mafic dyke
Z114F1	J601479	170.46	170.56	0.10	mafic dyke
Z114F1	J601480	170.56	170.56	0.00	Control Sample
Z114F1	J601481	192.49	192.60	0.11	trachyte
Z114F1	J601482	196.59	196.75	0.16	syenite
Z114F1	J601483	209.14	209.31	0.17	spotted syenite
Z114F1	J601484	237.23	237.35	0.12	spotted syenite
Z114F1	J601485	245.60	245.80	0.20	mafic dyke
Z114F1	J601486	273.40	273.46	0.06	mafic dyke
Z114F1	J601487	306.10	306.27	0.17	nepheline syenite
Z114F1	J601488	324.45	324.68	0.23	nepheline syenite
Z114F1	J601489	388.75	388.90	0.15	nepheline syenite
Z114F1	J601490	447.95	448.18	0.23	mafic dyke
Z114F1	J601491	460.35	460.50	0.15	nepheline syenite
Z114F1	J601492	530.00	530.11	0.11	nepheline syenite

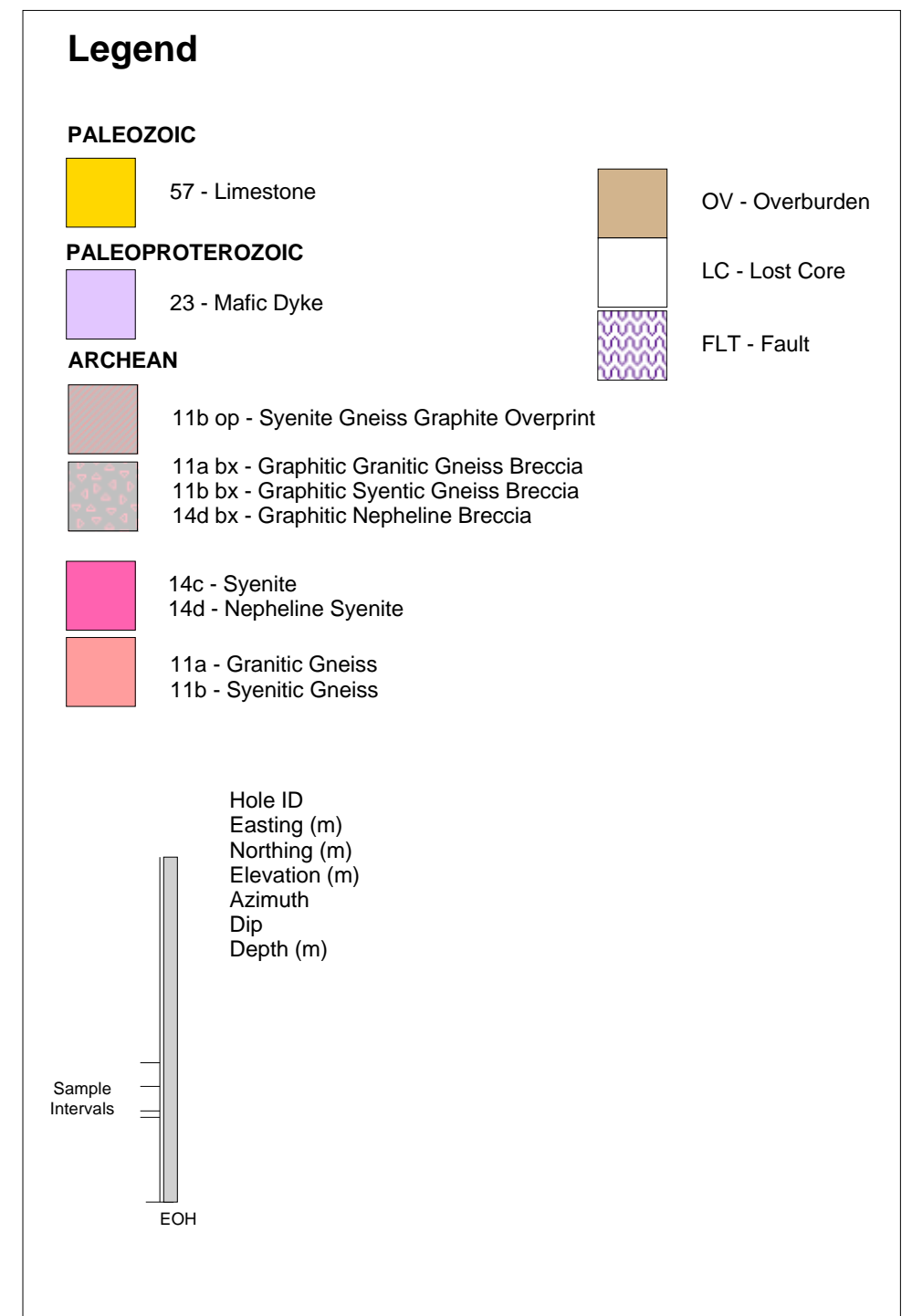
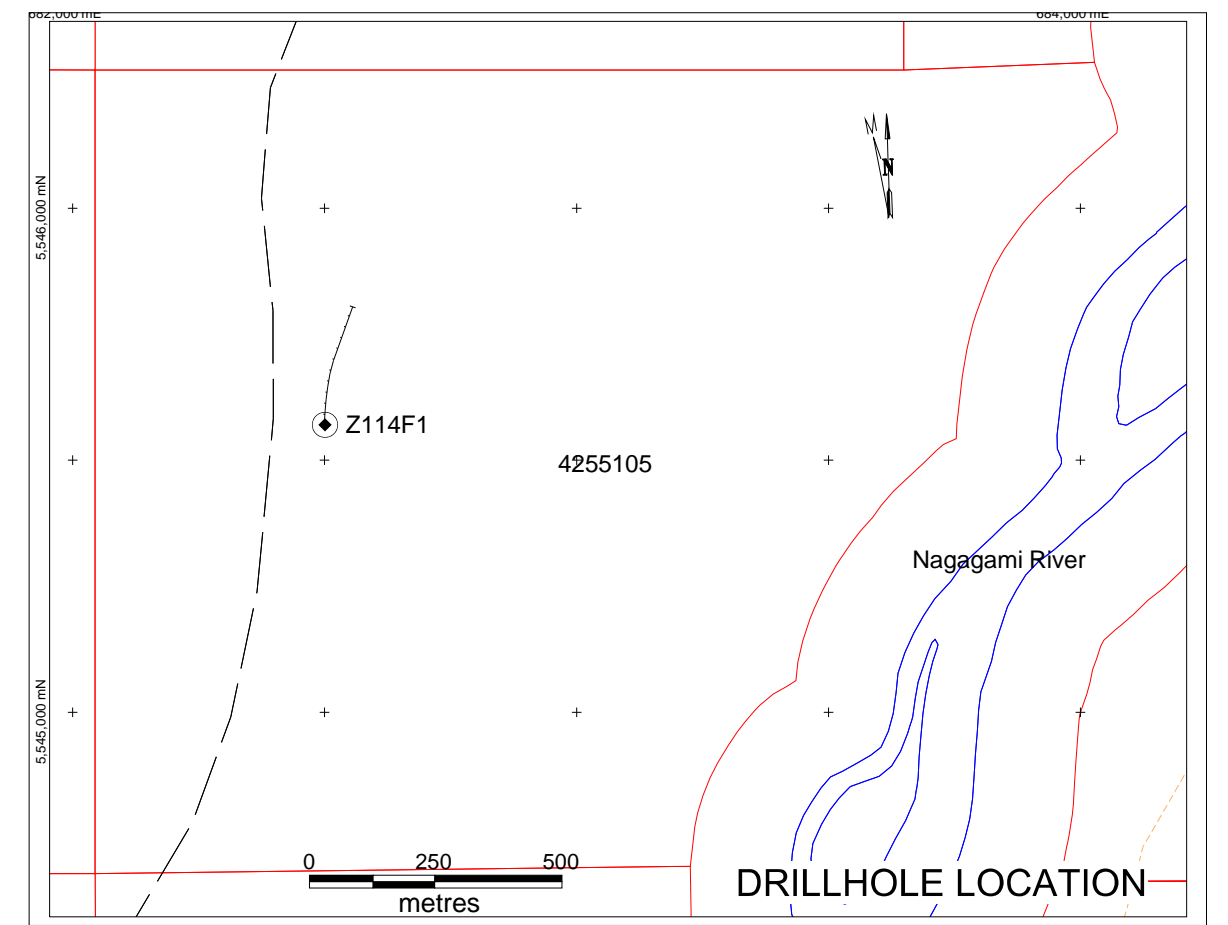
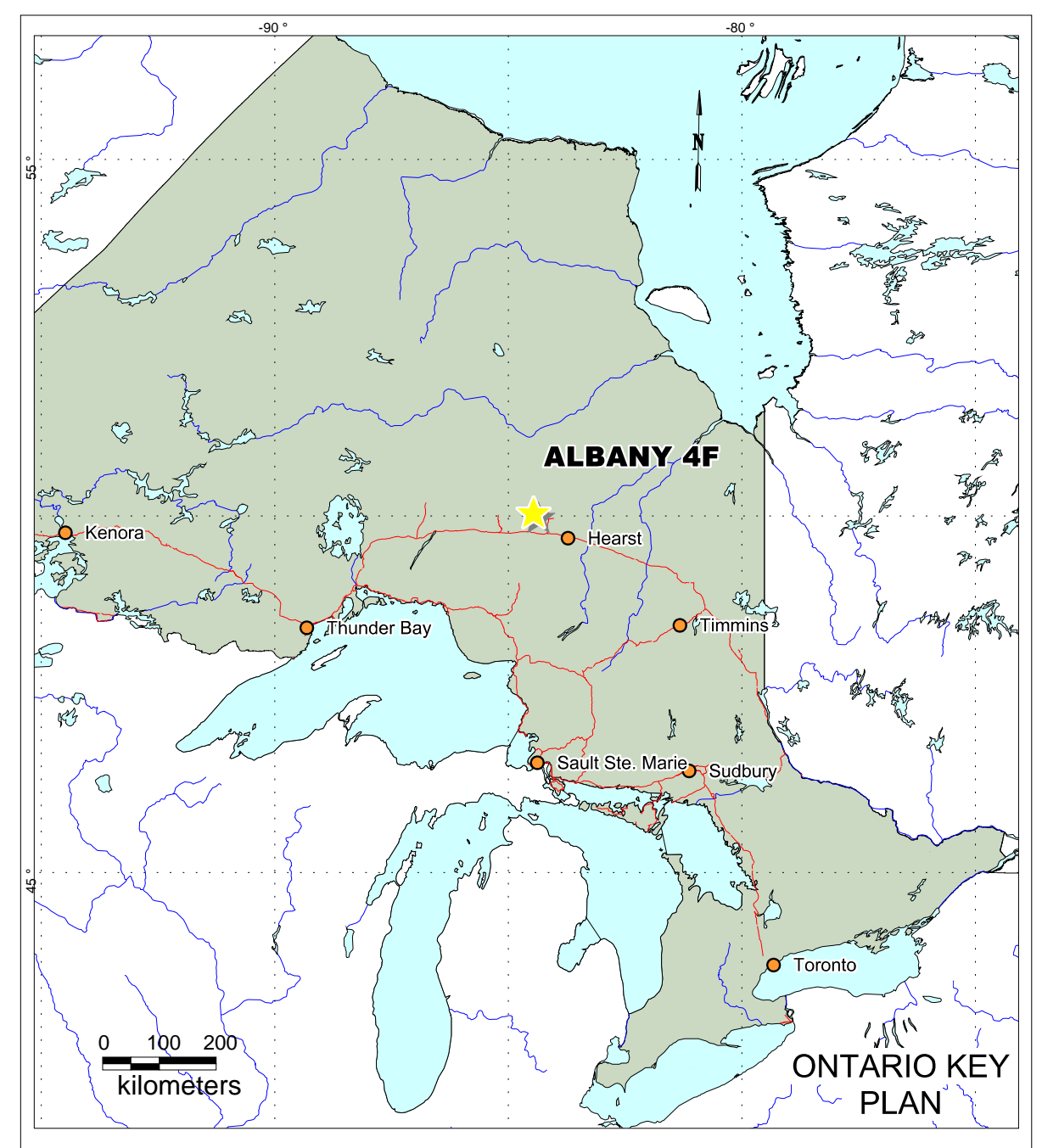
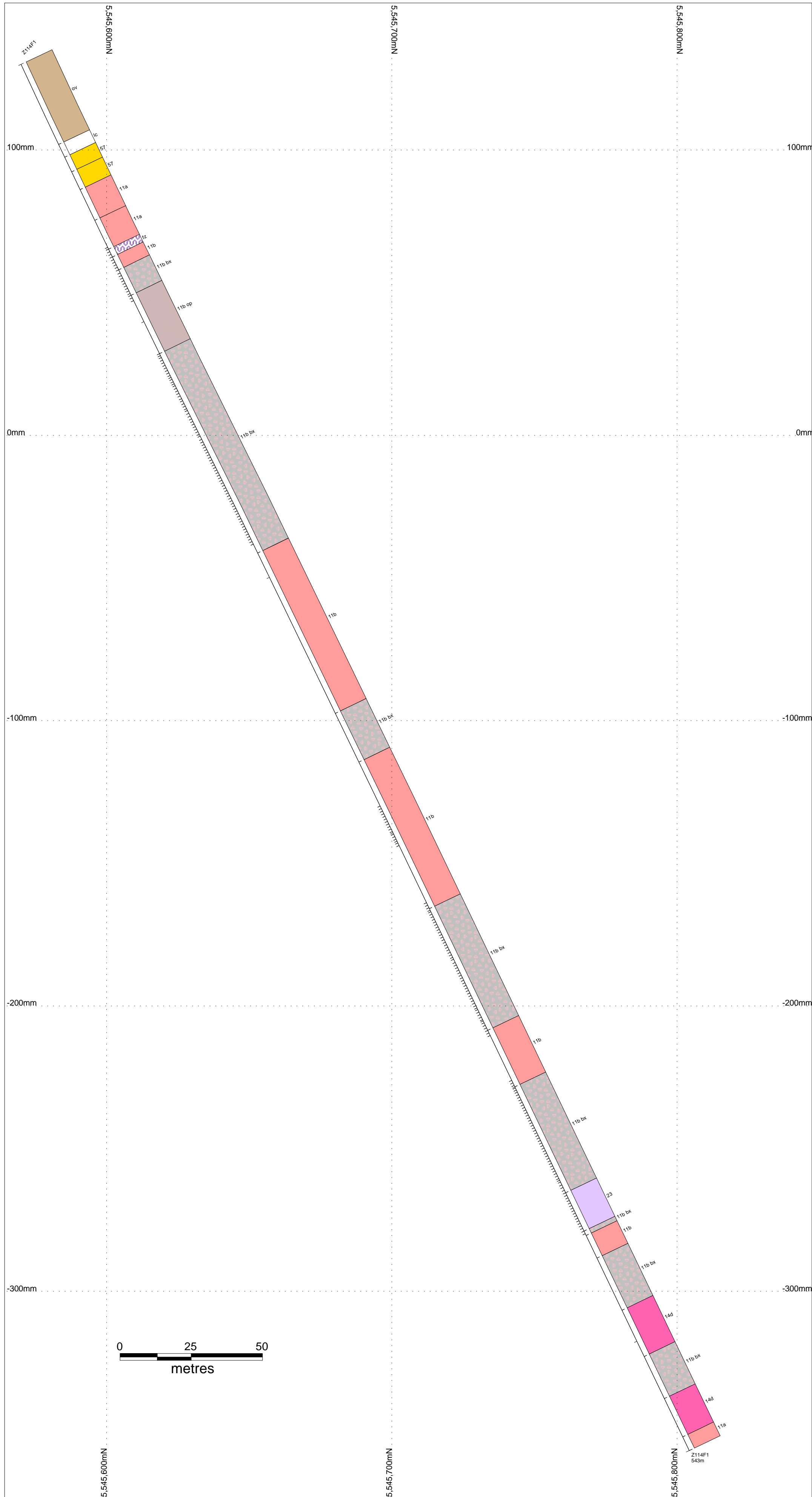
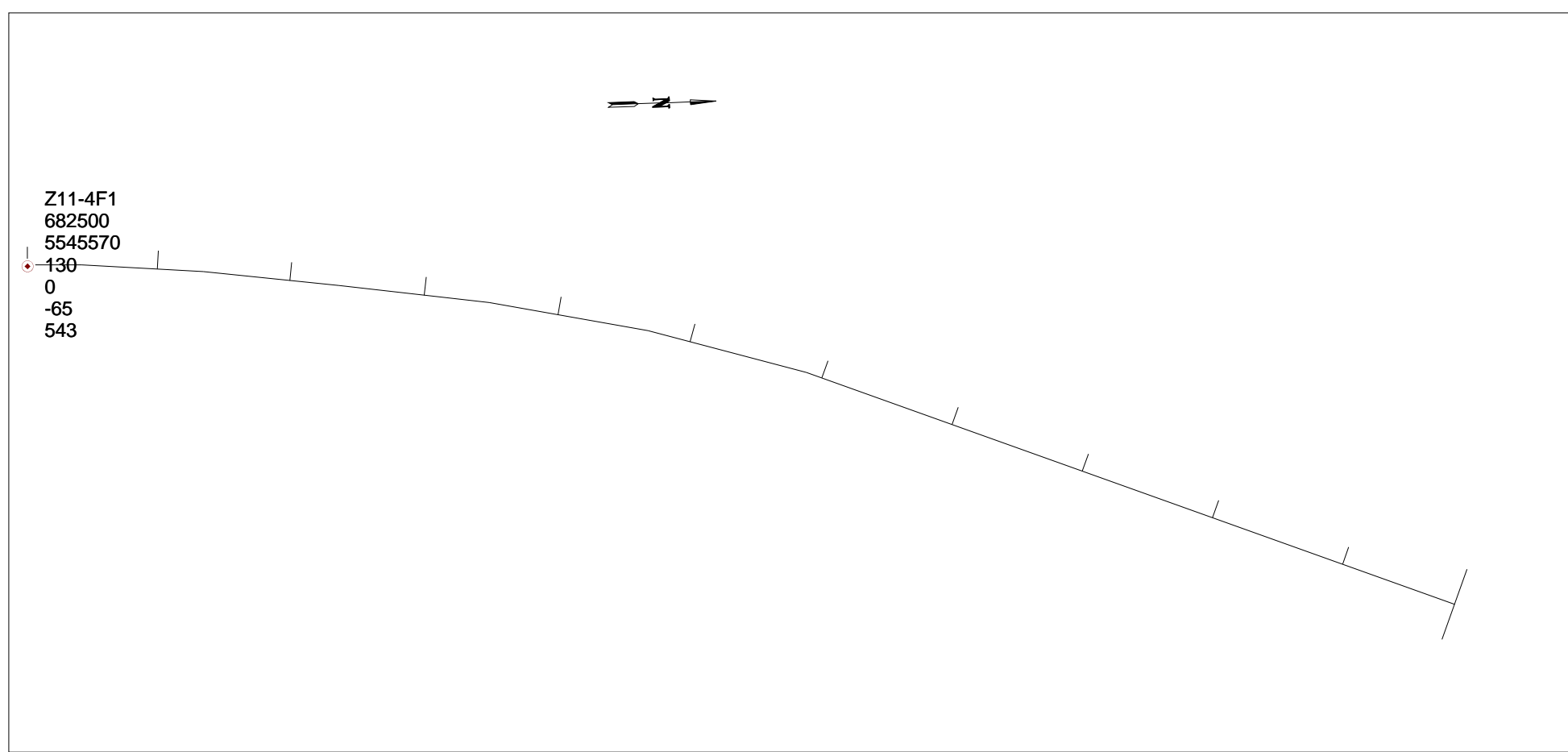


Date: 05/03/2012
 Author: Glenda Carey
 Office: Thunder Bay
 Drawing: csalo
 Scale: See scale bar

ALBANY - BLOCK 4F

DRILLHOLE LOCATION - Z11-4F1
 2011 PROJECT
 MAP 1

Projection: UTM Zone 16 (NAD 83)



Geologist:
Andrew Dalby

Date: 25/03/2012

Author: Glenda Carey

Office: Thunder Bay

Drawing: csalo

Scale: 1:1000



**ALBANY - 4F
DRILLHOLE SECTION Z114F1
MAP 2**

Projection: NAD 83, UTM ZONE 18