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Technical Report
for MNDM Assessment,
Spring 2016 Diamond Drill Program

Nickel One Resources Inc.

Tyko Cu-Ni-PGE Property

Bigrock Lake Area, Olga Lake Area, Atikameg,
McGill, and Shabotik Townships

Thunder Bay Mining Division, Northwestern Ontario

Prepared For:

Nickel One Resources Inc.

Prepared by:

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Fladgate Exploration Consulting Corporation

Date:
July 11, 2016

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1 Introduction

This report details Nickel One Resource Inc.'s ("Nickel One") Spring 2016 diamond drill program on its 100% owned Tyko Cu-Ni-PGE project near White River, Ontario. The Tyko Property consists of 75 unpatented contiguous claims totaling approximately 164.66 km^2 (16466 ha) and lies within the Olga Lake Area (G-604), McGill Township (G-604), Bigrock Lake Area (G-579), Shabotik Township (G-X5), and Atikameg Township (G-3770), in the Thunder Bay Mining Division.

The program consisted of 14 diamond drill holes totaling 1,780 m drilled between March and April 2016 using helicopter support. The program focused on confirmation and expansion of the historic Tyko and RJ showings, as well as the newly identified Bruce Lake anomaly.

2 Terms of Reference

This report was prepared at the request of Nickel One Resources Inc. for the use of filing assessment as required under the Ontario Mining Act.

3 Disclaimer

This report is based on information from Nickel One's (then known as Tyko Resources Inc.) NI-43-101 report written by Alan Albut (Albut, 2010), as well as assessment reports, private reports, and general geological reports and maps listed in Section 14 "References" below.

4 Property Description and Location

The property is located in Northwestern Ontario, Canada, approximately 275 km east-northeast of Thunder Bay and 28 km south-east of Manitouwadge (Figure 1). It is located within NTS 42C/13NW and 42C/14NE, in UTM Zone 16 (NAD 83), or Latitude 48°56'14", Longitude 85°32'54"W. The property is centered at approximately 606,300mE and 5,421,500mN.

The Tyko Property consists of 75 unpatented claims totaling 164.66 km^2 (16466 ha) (Table 1, Figure 2). The claims are registered in the name of Tyko Resources Inc. On February 25, 2016, Nickel One Resources Inc. announced the acquisition of Tyko Resources Inc. and through this transaction took possession of the Tyko Cu-Ni-PGE property and all of the claims held within it. During the spring 2016 drill program, additional staking was undertaken to increase the land package to its current size.

Figure 1 – Regional Location Map

Figure 2 – Tyko Property Claim Map

Table 1 – Tyko Property Claims

Township / Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
ATIKAMEG	4266291	2011-Jun-20	2016-Oct-12	A	100 %
BIGROCK LAKE	4261759	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261760	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261766	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261767	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261770	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261771	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261772	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261773	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261776	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261777	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4261781	2016-Apr-14	2018-Apr-14	A	100 %
BIGROCK LAKE	4269330	2011-Nov-14	2016-Jul-14	A	100 %
BIGROCK LAKE	4269331	2011-Nov-14	2016-Jul-14	A	100 %
BIGROCK LAKE	4269332	2011-Nov-14	2016-Jul-14	A	100 %
MCGILL	3012936	2003-Dec-31	2016-Aug-15	A	100 %
MCGILL	3012937	2003-Dec-31	2016-Aug-15	A	100 %
MCGILL	3012938	2003-Dec-31	2016-Aug-15	A	100 %
MCGILL	3012939	2003-Dec-31	2016-Aug-15	A	100 %
MCGILL	4203372	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203376	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203377	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203378	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203379	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203385	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203386	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203387	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203389	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203390	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4203391	2005-Mar-03	2016-Sep-02	A	100 %
MCGILL	4203392	2005-Mar-03	2016-Sep-02	A	100 %
MCGILL	4203393	2005-Mar-03	2016-Sep-02	A	100 %
MCGILL	4203397	2005-Mar-03	2016-Oct-03	A	100 %
MCGILL	4211590	2006-May-03	2016-Sep-02	A	100 %
MCGILL	4211591	2006-May-03	2016-Sep-02	A	100 %
MCGILL	4218153	2010-Apr-12	2016-Sep-02	A	100 %
MCGILL	4261304	2011-Mar-18	2016-Sep-02	A	100 %
MCGILL	4261305	2011-Mar-18	2016-Sep-02	A	100 %
MCGILL	4261752	2016-Apr-11	2018-Apr-11	A	100 %

Township / Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
MCGILL	4266290	2011-Jun-20	2016-Oct-12	A	100 %
MCGILL	4267201	2011-Jun-20	2016-Sep-20	A	100 %
MCGILL	4267202	2011-Jun-20	2016-Sep-20	A	100 %
MCGILL	4267203	2011-Jun-20	2016-Sep-20	A	100 %
MCGILL	4267208	2011-Jun-20	2016-Oct-12	A	100 %
MCGILL	4267209	2011-Jun-20	2016-Oct-12	A	100 %
MCGILL	4267210	2011-Jun-20	2016-Oct-12	A	100 %
MCGILL	4269333	2011-Nov-14	2016-Jul-14	A	100 %
MCGILL	4269335	2011-Nov-14	2016-Jul-14	A	100 %
OLGA LAKE	4203394	2005-Mar-03	2016-Oct-03	A	100 %
OLGA LAKE	4211586	2006-May-03	2016-Sep-02	A	100 %
OLGA LAKE	4211587	2006-May-03	2016-Sep-02	A	100 %
OLGA LAKE	4211588	2006-May-03	2016-Sep-02	A	100 %
OLGA LAKE	4261302	2011-Mar-18	2016-Sep-02	A	100 %
OLGA LAKE	4261303	2011-Mar-18	2016-Sep-02	A	100 %
OLGA LAKE	4267204	2011-Jun-20	2016-Sep-20	A	100 %
OLGA LAKE	4267205	2011-Jun-20	2016-Sep-20	A	100 %
SHABOTIK	4249908	2010-Dec-30	2016-Aug-15	A	100 %
SHABOTIK	4261753	2016-Apr-11	2018-Apr-11	A	100 %
SHABOTIK	4261754	2016-Apr-11	2018-Apr-11	A	100 %
SHABOTIK	4261755	2016-Apr-11	2018-Apr-11	A	100 %
SHABOTIK	4261756	2016-Apr-11	2018-Apr-11	A	100 %
SHABOTIK	4261757	2016-Apr-11	2018-Apr-11	A	100 %
SHABOTIK	4261758	2016-Apr-14	2018-Apr-14	A	100 %
SHABOTIK	4261761	2016-Apr-11	2018-Apr-11	A	100 %
SHABOTIK	4261762	2016-Apr-11	2018-Apr-11	A	100 %
SHABOTIK	4261763	2016-Apr-11	2018-Apr-11	A	100 %
SHABOTIK	4261764	2016-Apr-11	2018-Apr-11	A	100 %
SHABOTIK	4261765	2016-Apr-14	2018-Apr-14	A	100 %
SHABOTIK	4269334	2011-Nov-14	2016-Jul-14	A	100 %
SHABOTIK	4269336	2011-Nov-14	2016-Jul-14	A	100 %
SHABOTIK	4269337	2011-Nov-14	2016-Jul-14	A	100 %
SHABOTIK	4269338	2011-Nov-14	2016-Jul-14	A	100 %
SHABOTIK	4269339	2011-Nov-14	2016-Jul-14	A	100 %
SHABOTIK	4269340	2011-Nov-14	2016-Jul-14	A	100 %
SHABOTIK	4269341	2011-Nov-14	2016-Jul-14	A	100 %

5 Accessibility, Local Resources and Infrastructure

The property location and access is illustrated in Figures 1 and 2. The spring 2016 drill program was coordinated out of the small town of White River, Ontario, located about 295 km east of Thunder Bay, Ontario. The drive to White River from Thunder Bay is roughly 400 km east on the Trans-Canada Highway 17. Access to the site was primarily by helicopter as there is no direct access by road. Temporary snowmobile trails were made to each of the drill sites by utilizing nearby lakes, forest access roads and historic diamond drill paths. There is an old diamond drill trail originating from the nearby Garnham Lake road to the north, and an old logging road originating from the Twist Lake logging road from Manitouwadge that also acted as a main access point from the west of the drill sites in the event transportation could not be provided by helicopter due to weather.

White River (population ~1000) has all of the services and infrastructure required to operate a modern mineral exploration program. White River can provide modern housing and lodging as well as basic educational, medical, recreational and shopping facilities. Railway and forestry activities have traditionally made up the local economy making labour and industrial supplies and services for mining locally available, although limited. Thunder Bay, Ontario, is the closest major city center and can supply a vast range of geological, exploration and mining-related equipment and services.

6 Climate and Physiography

Climatic conditions of White River are those typical of northwestern Ontario. The project area is situated within a region of subarctic continental climate which is moderated by the lake effect of nearby Lake Superior. Climate data for White River is sourced from Environment Canada's website (2016) using the weather station from nearby Manitouwadge, Ontario, for the time period between 1971 and 2000. Mean total precipitation over this time period for Manitouwadge is 859.3 mm including 563.6 mm of rainfall and 295.6 mm of snowfall. The area generally receives its highest amount of rainfall in July (average 107.4 mm), while snowfall generally peaks in January (average 64.2 mm). The mean daily temperature for July is 17.5°C while the mean daily temperature for January is –22.8ºC. Recorded temperatures have ranged from a low of -45.0ºC in January 1982 to a maximum temperature of 39.4ºC in July 1975.

The Tyko Property has low to moderate relief and undulating terrain with elevations ranging from around 340 m to approximately 460 m above sea level. Forest harvesting has occurred on the property within recent years improving seasonal access to the eastern and western extents of the property. The lower lying areas on the property are often riddled with small ponds, bogs, meandering rivers and streams. Many of the lakes and streams in the project area drain into White

Lake and into the White River, which, ultimately drains into Lake Superior. Most of the property was originally covered by a combination of glacial overburden, wetlands and water, although fairly abundant outcrop can be found on lake shores and in some forest cuts.

The Tyko Property is situated in the Northern Coniferous Section of the Boreal Forest Region of northwestern Ontario. Forest stands are typically mixed with a variety of species including black and white spruce with balsam fir, aspen, and birch. Jack pine stands occur in well-drained coarse-textured soil areas and areas that have been replanted post-harvest. Shrubs in the area include blueberries, raspberries and Labrador tea.

Wildlife (mammals) typical of the region include moose, wolf, lynx, bobcat, fisher, marten, wolverine, river otter, least weasel, short-tail weasel, mink, snowshoe hare, red squirrel and beaver. Numerous species of wild birds are known to occur in the region. Many of the lakes and rivers in the region will have sport fish.

7 Geological Setting

The Tyko project lies in the eastern Wawa Subprovince within the Superior Structural Province (Williams et al., 1991; Figure 3). The property lies within an area that has seen only sparse government mapping programs and only a small amount of historic mineral exploration. Regional-scale mapping by Milne (1968) indicated that the rocks in the area were predominantly granitic, consisting of the older Black Pic Tonalite Gneissic Batholith and the younger granitic Dotted Lake Pluton in the southwest of the property. The composition of the granitic rocks varies widely ranging from granite to tonalite.

Prospecting and mapping by Spence (2000) indicated that the granites contain numerous mafic to ultramafic xenoliths or fragments, some of which are Ni-Cu-PGE mineralized. These xenoliths are most visible at the Tyko Main Showing and can be subdivided into groups. The most important are medium- to coarse-grained, dark green ultramafics and mafics that vary in composition from hornblendite to biotite hornblendite to hornblende gabbro. These are not always mineralized, but are host to the vast majority of Ni-Cu mineralization seen on the property. Significant mineralization is also hosted in coarse-grained, talc-altered pyroxenite fragments. Although these make up only a small portion of the overall mineralized intervals, they are often the highest grade.

The Property also includes the mafic-ultramafic Bulldozer Intrusion with locally-hosted Cu-Pd mineralization (Figure 4). Similar to the Tyko showings, the intrusion has been extensively brecciated by granitic rocks. Little is known about the Bulldozer intrusion as it has never been mapped by the Ontario Geological Survey and little exploration has been conducted.

All the above Archean-aged rock units are cut by several Proterozoic-aged diabase dykes, which include the Matachewan (NW trending), Biscotasing/Abitibi (NE trending), and Marathon (N trending) swarms (Figure 4).

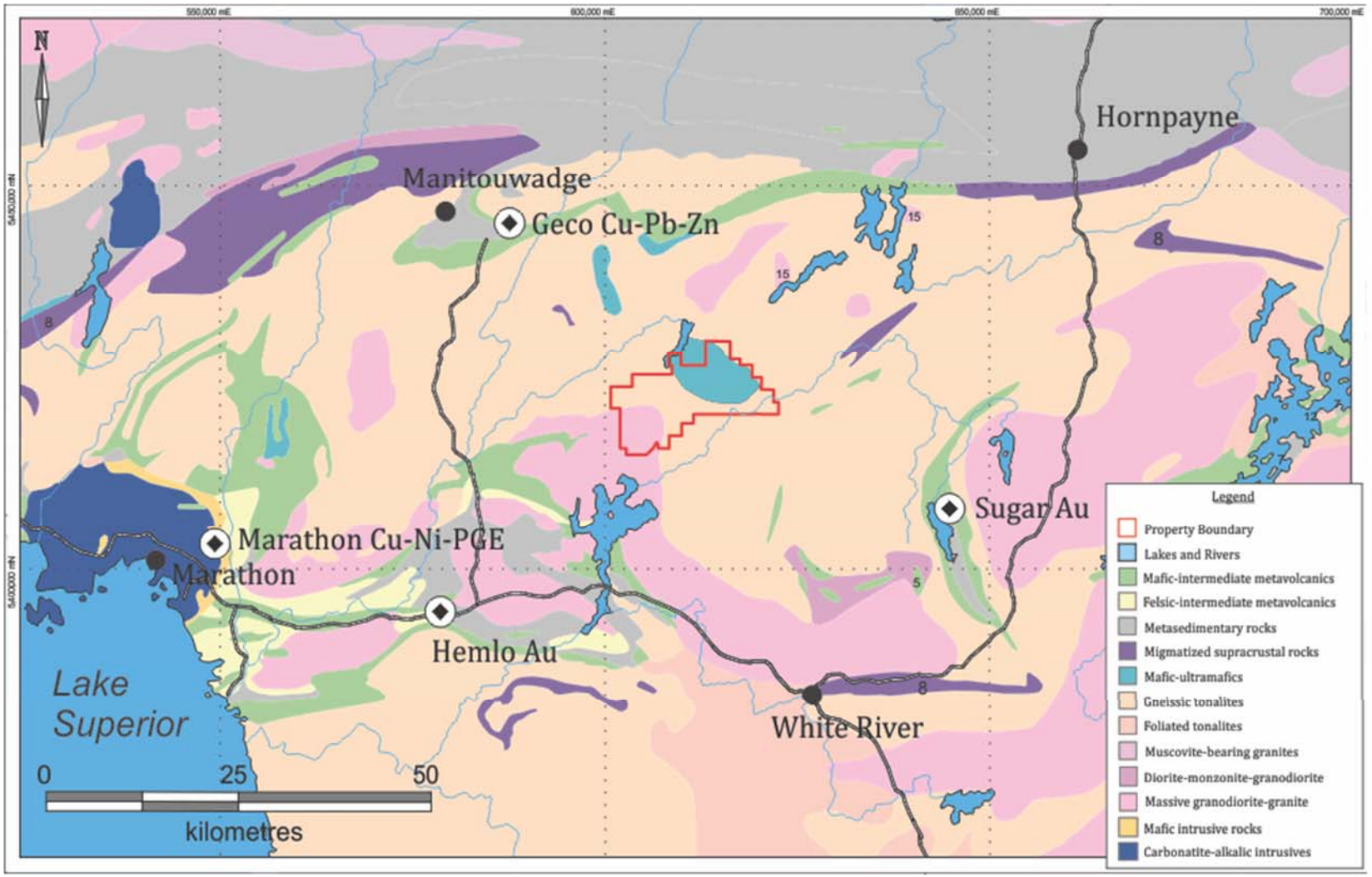

Figure 3 – Simplified Regional Geology Map

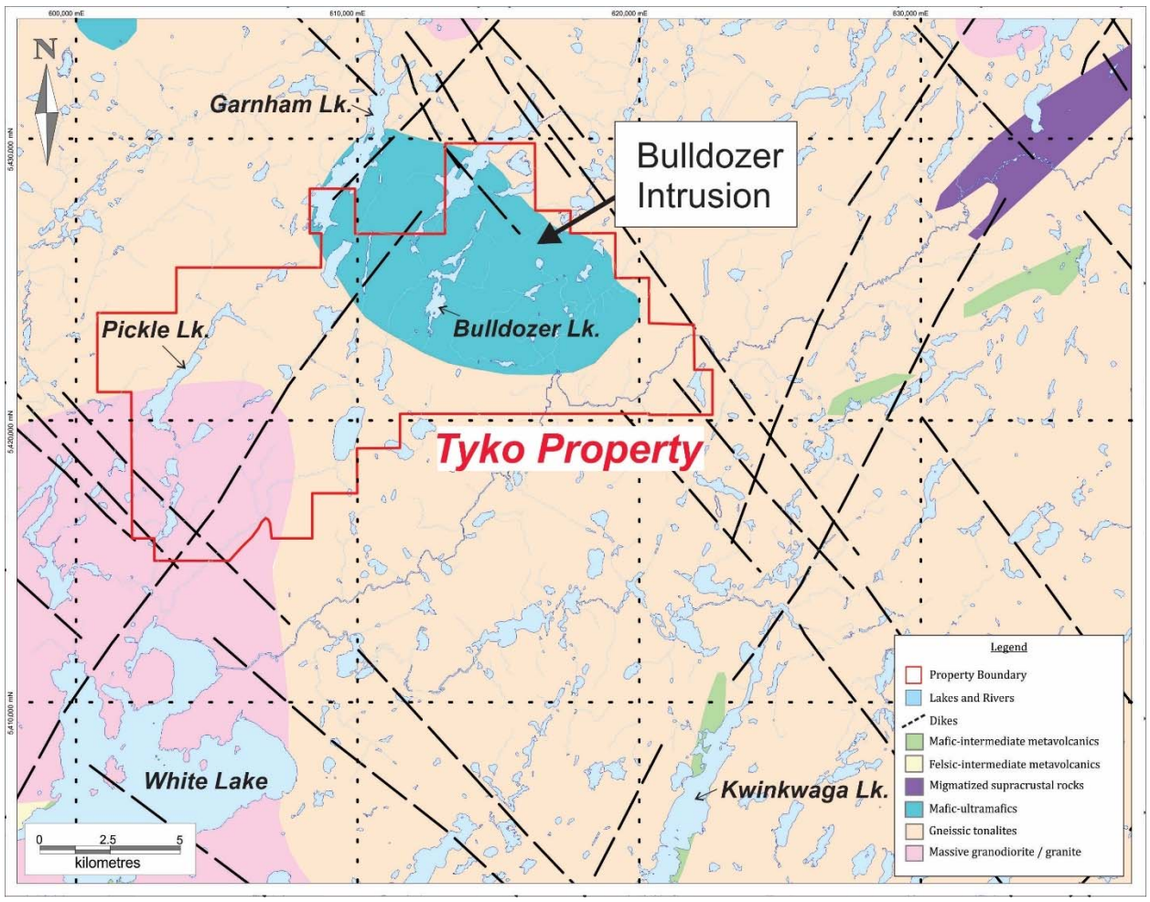

Figure 4 – Tyko Property Geology Map

8 History of Exploration on the Property

The previous work done by industry and government geologists on the property is listed below. Detailed exploration work at Tyko since its discovery in 1999 includes stripping, channel sampling, mapping, ground magnetics, VLF-EM, and IP/resistivity.

- 1989 – Noranda Exploration Co. Ltd. conducted a large-scale, Aeodat helicopter-borne magnetometer and EM survey which included much of the Manitouwadge, eastern Schreiber-Hemlo, and Dayohessarah greenstone belts.
- 1999 – Brian Mealey and Ian Spence prospected the Tyko area which resulted in the discovery of the main Tyko Cu-Ni-PGE showing in Fall of 1999. The discovery samples contained 4528 ppm Cu, 6896 ppm Ni, 1085 ppb Pd, and 840 ppb Pt (Spence, 1999).
- 1999 – OGS Resident Geologist samples return 3.82% Ni, 0.86% Cu, 624 ppb Pd, and 444 ppb Pt (Schneiders, 2000).
- 1999 to 2000 – Freewest Resources Canada Inc. optioned the property and performed a helicopter-borne magnetic and electromagnetic survey by AEROQUEST Ltd. Two separate IP surveys were completed by GEOSIG Inc. and JVX Inc. along a cut grid. Geological mapping and hand-trenching were completed in the summer of 2000 (Spence, 2000; MacTavish, 2000).
- 2005 – North Americal Palladium (NAP) conducted a prospecting program on the property during the periods June 1 - June 20 and August 6 - August 15. This program was designed as a ground follow-up to an airborne magnetic/electromagnetic survey as well as uncovering and sampling the RJ showing (Rickard, 2006).

- 2006 – NAP employees were on the property September 10 to do a follow-up on a magnetic/electromagnetic target that was not investigated during the 2005 field season (Rickard, 2006).
- 2006 – NAP completed a 29.1 km cut grid in the western portion of the Tyko property and an IP survey was completed following this grid. To evaluate the main Tyko showing and an IP anomaly corresponding to the RJ showing, a 711 m diamond drill program was undertaken. Drilling results achieved values of 1.093% Ni, 0.765% Cu over 4.15 m and 1.021% Ni, 0.579% Cu over 1.46 m, which were intersected in holes TK-06-001 and TK-06-002 at the Main Tyko showing, respectively.The area surrounding the RJ showing revealed Ni and Cu values of 1.065% Ni, 0.511% Cu over 4.08 m (TK-06-003), 1.195% Ni, 0.506% Cu over 2.0 m (TK-06-004) and 1.046% Ni, 0.466% Cu over 6.2 m (TK-06-005) (Rickard, 2006). For a complete list of assays of the drilling results see North American Palladium's Prospecting-Geology-Geophysics-Drilling Report by Jason Rickard dated December 4, 2006 (Nielsen, 2007).
- 2007 – NAP contracted Lunic Exploration to cut a 17.3 km grid on the western portion of the property cross-cutting the grid cut the previous year. An IP and magnetic survey was again carried out over-top of this new grid. Geophysics was then followed by a 1519 m diamond drill program to further evaluate the IP anomalies associated with the RJ showing (Nielson, 2007).
- 2011 – Tyko Resources Inc. completed several geophysical surveys including Airborne geophysical surveys consisting of 751 line km flown over the Tyko property by AeroQuest (Harper, 2011). Surveys completed include Total Magnetic Intensity (TMI) and AeroTEM IV electromagnetics. A ground-based B-Field InfinitTEM II survey was conducted by Abitibi Geophysics over the grid covering both the Tyko and RJ showings (Martin Dubois, 2011), as well as a ground-based IP survey covering both the Tyko and RJ showings (Webster, 2011).
- 2012 – Tyko Resources Inc. completed an extension of the grid and extension of the IP survey to the south of the Tyko showing (Webster, 2012).

9 Current Program

The Spring 2016 drill program was largely conducted in order to confirm previously unpublished drill results by NAP in 2006-2007 (Figure 5) and to test new targets based on 3D modeling of the IP inversion section and NAP's historic holes. The interpretation of this geophysical data indicated that mineralization and host lithologies may be part of a larger conduit or feeder pipe system possibly related to the nearby Bulldozer intrusion (Figure 6).

The program was designed and targets were chosen based on recommendations from both Nickel One geologists and Fladgate Exploration and Consulting Corporation. The drill program itself was managed and executed by Fladgate Exploration and Consulting Corporation staff under the supervision of the Author. The crew consisted of 5 Fladgate staff members: Neil Pettigrew M.Sc. P.Geo., John Fingas M.Sc. P.Geo., Jesse Koroscil B.Sc., Stephen Greinier B.Sc. and Richard Brett.

The program consisted of 14 diamond drill holes totaling 1,780 m which tested the Tyko and RJ showings as well as the newly identified Bruce Lake anomaly. The drill program was completed by Chibougamau Diamond Drilling (of Chibougamau, Quebec) using a BQ Thin wall fly rig. The program was helicopter-supported (Heli-Inter Inc. of St. Hubert, Quebec) with staff being housed in White River and drill core being flown to Chibougamau's White River equipment yard. All drill core was logged and split in White River and is stored in Caron-style racks inside Chibougamau's equipment yard.

The program began at the end of February 2016. The field crew mobilized to White River on March 7, 2016 and demobilized on April 13, 2016. The crew initially stayed at the Continental Hotel in White River for the majority of the program. Once drilling had been completed, accommodations were then provided at the Chibougamaou Diamond Drilling bunkhouse.

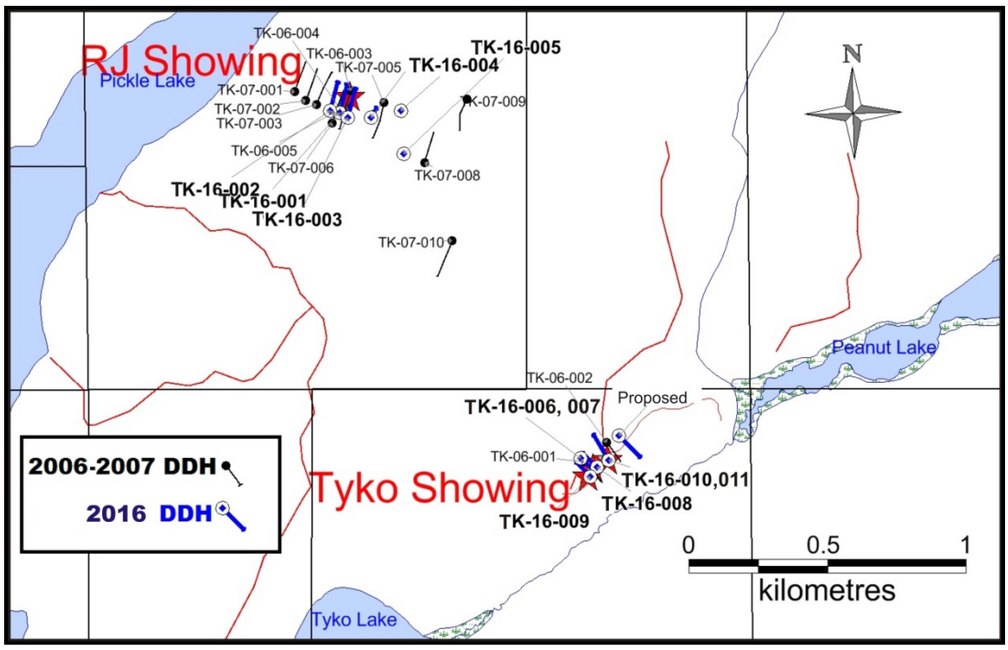

Figure 5 – 2016 Initial Drill Targets on the Tyko Property

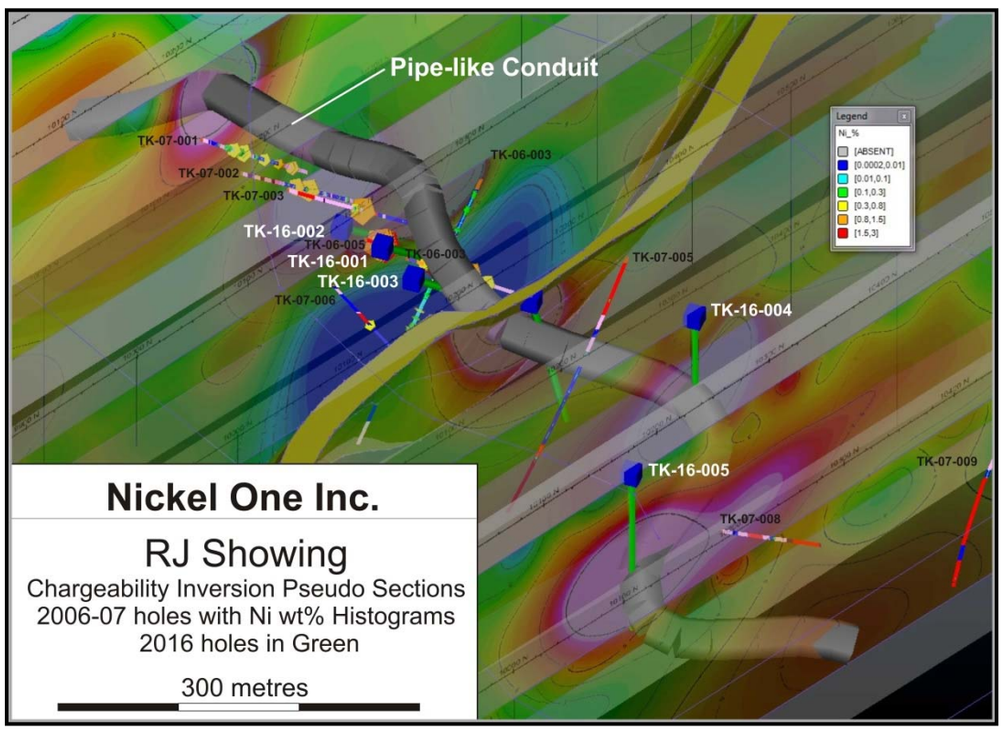

Figure 6 – Magma Conduit Model in the RJ Zone with 2016 Drill Targets (green)

10 Method and Approach

All core was transported to the core logging facility located at the Chibougamau Diamond Drilling shop and bunkhouse in White River, Ontario, via helicopter or pickup truck. The Chibougamau shop is a secure site having a fully fenced-in perimeter and lockable main access gate as well as personnel staying on site twenty four hours a day for the duration of the project. Temporary core logging, core cutting and core storage facilities were set up on site and were fully-equipped with power, lighting, heating and internet access.

The core logging process followed the common procedure often used for an exploration drill program. Data collected included overburden and casing depth, meter marks and box meterage, magnetic susceptibility and conductivity measurements, core photos, geological descriptions and sample intervals. The core is initially laid out in sequential order on a temporary core viewing bench where box numbers were double-checked and a quick log could be performed, whereupon completion, the core is placed into core racks until it can be geoteched and logged by Fladgate Exploration and Consulting Corp. geologists.

Data management for the Tyko project was managed and organized directly into Fladgate laptops as paper logs were not used. Box meterage and magnetic susceptibility and conductivity measurements were entered into a Microsoft Excel spreadsheet. All core logging data and sampling information is collected and entered into a database onsite using Microsoft Access-based Gemcom core logging software.

Sampling intervals were marked out on the core and recorded into the database before placing sequential barcoded Accurassay sample tags at the beginning of each sample interval. The physical sampling the core was accomplished by using a portable Husqvarna TS355 core cutting saw equipped with a 14 inch diamond blade. Once the samples are cut they are placed into individual plastic sample bags with the corresponding sample number written on the bag and a duplicate of the sample tag placed inside. The samples are prepared for transport by placing them into labelled rice bags with a bag number and a list of each individual sample written on the outside of each rice bag. Each bag is then closed up and secured using either security tags or heavy duty zip ties to prepare them for transport to Accurassay in Thunder Bay, Ontario.

Samples were transported in secure bags directly from the Nickel One core handling facility in White River, Ontario, to Accurassay Laboratories in Thunder Bay, Ontario. Accurassay, which is an accredited ISO/IEC 17025 lab, analysed the samples for PGEs using a 30 g fire assay with an ICP-OES finish and for Ni, Cu, and Co using 0.25 g by 4-acid digestion with ICP-OES finish. Ni, Cu and Co samples over 0.5 wt% were re-analysed using 2.5 g by 4-acid digestion with ICP-OES finish. All samples >0.25% Ni were analysed for total sulfur, in addition select samples were analysed for whole rock using XRF.

Certified standards, blanks and crushed duplicates are placed in the sample stream at a rate of one QA/QC sample per 20 core samples. Results are analyzed for acceptance at the time of import. All standards associated with the results in this assessment report were determined to be acceptable within the defined limits of the standard used.

Check samples for high grade Ni were sent to Activation Laboratories in Thunder Bay, Ontario (1201 Walsh Street West, Thunder Bay, Ontario, Canada).

11 Results

The drill program largely confirmed the results from the NAP previous drilling campaign, however Nickel One's results returned wider intervals with higher grades on average. This was most likely due to improved targeting by 3D modelling of the IP inversion sections and the historic drill holes in order identify higher grade targets within both the RJ and Tyko zones.

Significant intercepts include drill holes: TK-16-002 **1.04% Ni over 16.19 m**, TK-16-006: **1.03% Ni over 13.42 m**, TK-16-010: **1.06% Ni over 6.22 m**, including **4.71% Ni over 0.87 m**, and TK-16-011: **1.47% Ni over 6.05m**, including **2.12% Ni over 3.15 m**. A complete list of significant intersections is provided in Table 2.

The Bruce Lake anomaly, which consists of a discrete ~200 m diameter weak Mag and EM anomaly was determined to be caused by an early brecciated mafic-ultramafic body. This mafic ultramafic body was undepleted in nickel with values up to 0.19% Ni with no sulfides. This suggests it is of different origin than the RJ and Tyko zones. While the mag anomaly was explained by magnetite-bearing talc-altered ultramafics, the EM anomaly remains unexplained. The EM anomaly was only picked up on channels 1 and 2 and therefore may have been caused by conductive sediment under Bruce Lake.

Table 2 - Composite Weightetd Average Assay Intervals

Hole Number	Zone	From (m)	To (m)	Length (m)	Ni (wt%)	Cu (wt%)	Au (ppm)	Pt (ppm)	Pd (ppm)	Total PGE
TK-16-001	RJ Zone	3.60	92.50	88.90	**0.26**	0.14	0.01	0.04	0.04	0.09
	Sub Zone	7.65	14.26	6.61	**0.54**	0.27	0.02	0.15	0.09	0.26
	Sub Zone	19.70	23.70	4.00	**0.51**	0.34	0.02	0.06	0.05	0.13
	Sub Zone	32.50	42.09	9.59	**0.62**	0.28	0.01	0.07	0.08	0.16
	Including	37.90	42.09	4.19	**0.89**	0.35	0.01	0.08	0.09	0.19
	Including	37.90	39.00	1.10	**1.67**	0.56	0.03	0.14	0.16	0.33
	Including	37.90	38.50	0.60	**2.31**	0.88	0.05	0.16	0.22	0.43
TK-16-002	RJ Zone	15.00	100.42	85.42	**0.52**	0.23	0.01	0.10	0.09	0.21
	Sub Zone	23.69	26.14	2.45	**0.94**	0.25	0.01	0.23	0.24	0.49
	Including	24.85	25.48	0.63	**2.05**	0.37	0.03	0.58	0.52	1.13
	Sub Zone	35.00	37.00	2.00	**0.53**	0.23	0.03	0.15	0.15	0.33
	Sub Zone	52.75	96.87	44.12	**0.79**	0.30	0.01	0.12	0.11	0.24
	Including	58.25	66.50	8.25	**1.04**	0.54	0.01	0.12	0.12	0.26
	Including	66.00	66.50	0.50	**2.89**	0.45	0.01	0.27	0.35	0.63
	and	77.65	93.84	16.19	**1.04**	0.23	0.00	0.15	0.12	0.28
	Including	78.62	90.00	11.38	**1.23**	0.26	0.00	0.18	0.13	0.32
	Including	82.00	83.00	1.00	**1.97**	0.19	0.00	0.17	0.12	0.29
TK-16-003	RJ Zone	2.47	99.26	96.79	**0.18**	0.11	0.00	0.02	0.02	0.05
	Including	2.47	38.20	35.73	**0.29**	0.17	0.01	0.03	0.04	0.07
	Including	24.97	25.91	0.94	**0.72**	0.35	0.00	0.07	0.14	0.21
	Including	30.00	30.70	0.70	**0.82**	0.24	0.00	0.08	0.08	0.16
TK-16-004	RJ Zone	92.50	97.10	4.60	**0.26**	0.13	0.00	0.02	0.03	0.06
	Including	96.40	97.10	0.70	**0.77**	0.25	0.00	0.04	0.09	0.13
TK-16-005	RJ Zone	32.00	35.00	3.00	**0.11**	0.01	0.00	0.01	0.02	0.03
TK-16-006	Tyko Zone	22.28	38.14	15.86	**0.93**	0.50	0.02	0.27	0.39	0.68
	Including	23.24	36.66	13.42	**1.03**	0.55	0.03	0.29	0.43	0.75
	Including	29.38	32.00	2.62	**1.51**	0.73	0.03	0.39	0.60	1.02
TK-16-007	Tyko Zone	29.50	36.50	7.00	**0.50**	0.25	0.01	0.15	0.22	0.38
	Including	35.00	36.50	1.50	**1.32**	0.65	0.02	0.37	0.65	1.05
TK-16-008	Tyko Zone	10.80	13.20	2.40	**0.56**	0.34	0.03	0.27	0.27	0.56
	Including	10.80	11.90	1.10	**0.84**	0.35	0.03	0.45	0.46	0.94
TK-10-010	Tyko Zone(upper)	7.00	15.00	8.00	**0.84**	0.39	0.03	0.25	0.31	0.59
	Including	13.00	14.00	1.00	**2.52**	0.90	0.03	0.83	0.77	1.62
	Tyko Zone	49.93	56.15	6.22	**1.06**	0.35	0.02	0.29	0.34	0.65
	Including	52.60	53.47	0.87	**4.71**	0.82	0.02	1.36	1.17	2.55
TK-16-011	Tyko Zone	8.75	14.80	6.05	**1.47**	0.49	0.03	0.23	0.45	0.71
	Including	11.65	14.80	3.15	**2.12**	0.48	0.02	0.28	0.64	0.94
TK-16-012	Bruce Lake	31.80	46.00	14.20	**0.14**	0.01	0.00	0.01	0.01	0.02

- *No significant assays for drill holes TK-16-009,-013, and -014*
- *Reported widths are drilled core lengths, true widths are unknown at this time.*

It should be noted that a QA/QC investigation was launched after Accurassay failed several standards and returned suspect grades for overlimit Ni assays for samples from holes TK-16-005 through 014. Accurassay subsequently re-ran the Cu, and Co analyses once and the Ni analyses twice for these samples, to establish reproducibility. At the same time, all over-limit Ni values for holes TK-16-005 through 014 (~40 samples) were also sent to Activation Laboratories in Thunder Bay, Ontario for check assays. Accruassay's first Ni re-assay results were substantially different than the original analyses. This appears to have been due to sloppy sample preparation in the lab rather than during the crushing stage. Accurassay's first and second Ni re-assays all fell within +/- ~15% of each other. Over-limit Ni samples sent to Activation Laboratories also fell within <11% of Accurassay's 2nd Ni re-assay. All standards for Accuassay's first and second Ni re-assay as well as Activation Laboratories' check assays passed within three standard deviations. As such, Accurassay's second Ni re-assay was chosen as the accepted Ni value to be used in this report.

12 Interpretations and Conclusions

The Tyko and RJ Zones consist primarily of metamorphosed mineralized pyroxenite which now consists of a hornblende-biotite-talc-chlorite mineral assemblage.

The mineralized hornblendite and pyroxenite contains abundant rip-up clasts of clastic sediment and other mafic-ultramafic phases indicative of an active feeder-type system. The presence of several clastic sedimentary clasts suggests that the conduit system originally intruded a clastic metasedimentary belt before it was later heavily invaded by granitoid rocks.

This later granitoid rock can be further subdivided into the older Black Pic tonalite gneiss which is in turn intruded by the younger massive, granitic Dotted Lake Pluton. The Dotted Lake magma was very wet and forms abundant granite pegmatite dykes and locally remobilizes the Cu-Ni-PGE mineralization on a decimeter to meter scale into the surrounding granite rocks and is responsible for the abundant biotite alteration of the mafic-ultramafic rocks.

The Tyko and RJ mineralization is nickel-rich with an average Ni:Cu ratio of ~2:1 and a Pt:Pd ratio of ~1:1. Sulfides consist of pyrrhotite-pyrite-pentlandite-millerite-chalocpyrite and are typically disseminated to blebby with local patches of net-textured and semi-massive sulfide breccia. The sulfide appears to have been completely re-crystallized and may have experienced some de-sulferization, given the abundance of millerite and high Ni tenors.

The sulfide tenors of the Ni-Cu-PGE mineralization on the Tyko Property are very high. Total sulphur analyses completed by Nickel One indicated tenors in 100% sulfide that average 8.6% Ni, 4.6% Cu, and 3.3 g/t PGE at the RJ Zone and 16.3% Ni, 8.70% Cu, and 12.8 g/t PGE at the Tyko Zone. The high tenor of the sulfide suggests a high value floatation concentrate could be obtained from the RJ or Tyko zones. This indicates that even a disseminated sulfide deposit could potentially be economic.

The relationship of the RJ and Tyko zones to the nearby large Bulldozer intrusion is yet to be established. Both mafic-ultramafic intrusions were brecciated by granitic rocks, and hence RJ and Tyko could represent part of a feeder system into the larger, possibly higher stratigraphic Bulldozer intrusion.

The Tyko and RJ zones present difficult exploration targets, as the disseminated nature of the mineralization has proven to be invisible to airborne EM techniques (both VTEM in 2005 and AEROTEM in 2011 systems have been flown with no response). The zones do respond well to IP surveys, however the amount of ground that can be covered by this ground-based system is limited. A review of all the VTEM and AEROTEM data over the entire property by Nickel One revealed no bedrock conductors on the AEROTEM data and only 1 weak conductor in the VTEM data. As such, targets need to be developed from airborne magnetic data and then tested by prospecting, soil sampling, and recon mapping followed by line-cutting, IP surveys, and finally by drilling.

During the QA/QC investigation it was observed that Accurassay is consistently low on the high grade standards by ~5%, as they all fell within 3 standard deviations with a consistent low bias. This ~5% discrepancy is very similar to the average 6% higher Ni values returned from the Activation Laboratories' check assays on over-limit Ni samples. Activation Laboratories returned values very close to the stated grade of the high grade standards. This would suggest a calibration issue with Accurassay's equipment. This could be a situation where Activation Laboratories' calibration does a better job on the high grade while Accurassay's does better on the low grade due to how each lab sets the detection curve on the instrument (Accurassay is much closer to the mark on the low grade standard than on the high grade standard). Without running all the low grade samples through ActLabs, this is only speculation. However, given the above result it would be prudent to send the next drill program's samples to ActLabs.

13 Recommendations

A two-phase program is recommended with a Summer recon mapping, prospecting, grid-cutting, and IP survey and a Fall diamond drill program (Table 3, Figure 7). This combined program will help test several high priority airborne magnetic targets for Tyko-style Cu-Ni-PGE mineralization as well as test the large Bulldozer Intrusion for basal and/or reef-style mineralization. The 2016-2017 program drill holes are also recommended to be pulsed with down-hole EM to detect any deep mineralization.

Table 3 - Tyko Summer-Fall 2016 Budget

Reconnaissance mapping and prospecting for ~1 month with a field crew of 4	**number**	**rate**	**units**	**amount**
Personnel				$53,200
Rentals / Accommodations				$33,890
Assays	400	$25	/ assay	$10,000
Subtotal				**$97,090**
Line Cutting	20	$1,200	/ line	$24,000
IP Survey	20	$2,100	/ line	$42,000
Downhole IP on 2016 drill holes	11		/ hole	$34,000
Subtotal				**$100,000**
Fall Drill Program (~3 weeks)	900	$250	/ m	$225,000
Assessment Report			/ report	$10,000
Subtotal				**$235,000**
2016-2017 Fall / Winter Program Subtotal				**$432,090**
15% Contingency				**$64,814**
Grand Total				**$496,904**

Target Zones

- **A** RJ Northeast Mag Extension
- **B** Bulldozer VTEM Anomaly
- **C** Smokey Lake EM Anomaly
- **D** Isolated Mag High
- **E** Bulldozer Showing
- **F** Northeast Dykes – Bulldozer Intersection
- **G** Subtle Mag High – Bulldozer Intersection

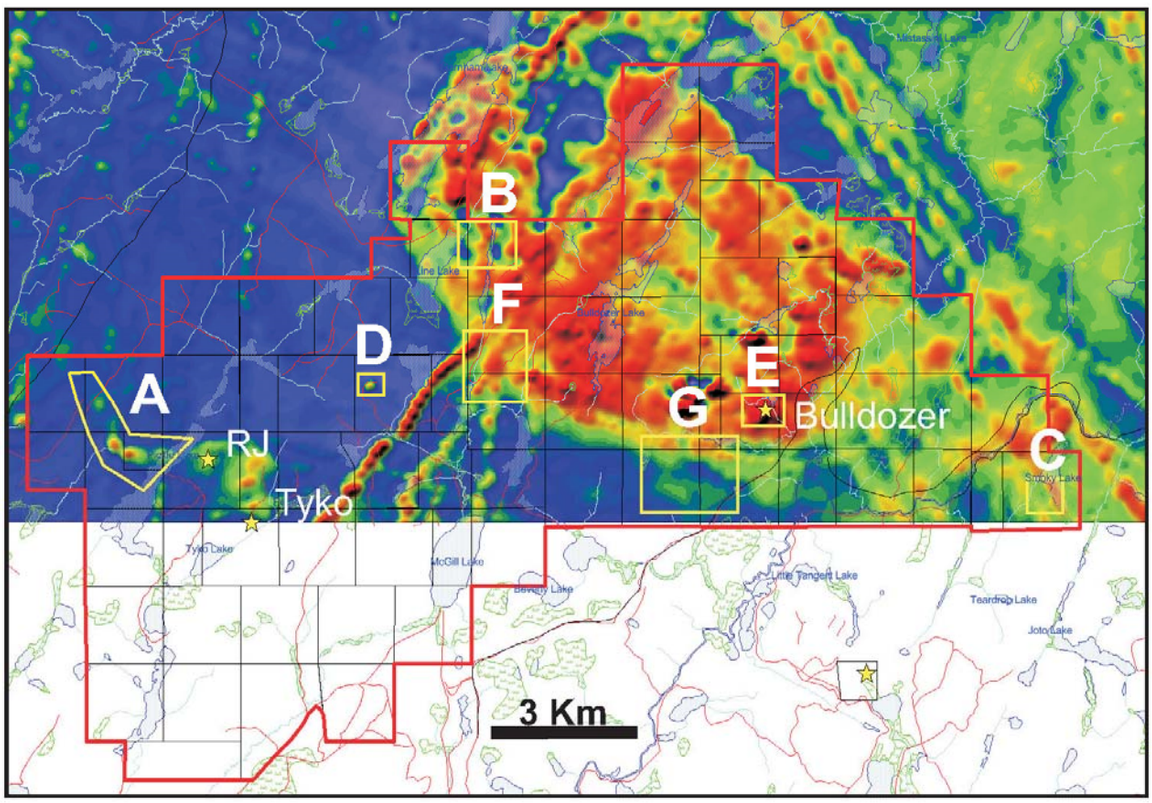

Figure 7 - Tyko Property Target Zones, overlain on Total Field airborne magnetic data

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15 Date

This report was completed on July 08, 2016.

16 Statement of Qualifications

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CERTIFICATE OF THE AUTHOR

I, Neil Pettigrew, do herby certify that:

1. I am a geologist currently employed by, and part owner of, the geological consulting firm of Fladgate Exploration Consulting Corporation.

2. I am an director of TSX-Venture listed Fairmont Resources Inc.

3. I am a member in good standing of the Association of Professional Geoscientists of Ontario (APGO #1462). I am also a member in good standing with the Prospectors and Developers Association of Canada.

4. I received my Honours Bachelor of Science Degree, in Environmental Geochemistry in 1999 from the University of New Brunswick in Fredericton, New Brunswick, Canada and a Master of Science Degree in Earth Sciences from the University of Ottawa, Ottawa, Canada in 2004.

5. I have practiced continuously as an exploration geologist since 2000, including the design and implementation of a variety of grassroots, advanced, and research projects in precious and base metal programs in Canada.

6. I am a qualified person under the definition for 'qualified persons' as set out by NI 43-101.

Dated July 11, 2016.

("Signed") Neil Pettigrew

_____

Neil Pettigrew, P.Geo., M.Sc., (APGO #1462)
Thunder Bay, Ontario, Canada

Appendix I – Drill Logs

DRILL HOLE REPORT

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	15
Dip:	-45
Length:	127.87
Started:	11-Mar-16
Completed:	12-Mar-16
Logged:	13-Mar-16

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	4203385
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	Neil Pettigrew
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Steve Greiner
Surveyed:	
Surveyed by:	John Fingas
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	no
Multi shot survey:	yes

Comment: Validation hole targetting TK-06-003 and 005
Hole abandoned before 150m target depth due to stuck rods.
Hole deviated ~8 degrees E of azimuth at the collar

Coordinate - Gemcom

East:	604482.4
North:	5421611.9
Elev.:	380.63

Coordinate - UTM

East:	604482.4
North:	5421611.9
Elev.:	380.63
Zone:	16
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	15.00	-45.00	C	☑	
15.00	29.60	-44.60	EZ	☑	mag 52036
66.00	23.00	-44.70	EZ	☑	mag 56496
72.00	22.40	-44.70	EZ	☑	mag 56332
114.00	25.00	-45.00	EZ	☑	mag 56132

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	3.60	**OVB** ***Overburden/Casing***										
3.60	5.05	**15h** ***Mineralized hornblendite***	1255501	3.60	5.36	1.76	4377	2733	89	0.02	0.10	0.09
		fine to medium grained,contains local clasts of coarser hornblendite within a finer grain matrix substantial bt alt. and local 5 to 15 cm granodiorite intrusives ~25% of the unit,										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		3.60 - 5.05 POCP DIS 0.5										
5.05	7.65	**10g** ***granite***	1255502	5.36	5.86	0.50	4617	3562	99	0.02	0.14	0.18
		really more of a granodiorite, medium to fine grained, sharp contacts with surrounding hornblendite, a well mineralized (~10% po-cpy) clast of horblendite occures from 5.49-5.78	1255503	5.86	7.65	1.79	58	45	1	0.01	0.02	0.01
7.65	8.70	**15h** ***Mineralized hornblendite***	1255504	7.65	8.70	1.05	6476	3658	127	0.03	0.17	0.13
		same as above, without any granodiorite intrusives										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		7.65 - 8.70 POCP DIS 5										

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
8.70	11.69	**10gx** ***granite breccia*** medium, locally coarse grain to pegmatitic with several decimeter scale clasts of fairly well mineralized (~9% po-cpy) hornblendite comprisining ~30% of the unit, larger clasts occur from 9.25-4.49 ~5% po-cpy, 9.65-9.90 ~10% po-cpy, and 10.20-10.66 ~9% po-cpy	1255505	8.70	9.25	0.55	234	910	6	0.01	0.01	0.01
			1255506	9.25	10.20	0.95	4895	1897	74	0.01	0.15	0.08
			1255507	10.20	10.66	0.46	6147	4836	137	0.06	0.23	0.13
			1255508	10.66	11.69	1.03	539	589	12	0.01	0.03	0.01
11.69	15.24	**15h** ***Mineralized hornblendite*** medium grained hornblendite similar to above units, with strong biotite alt. the unit display pervasive diss po-cpy ~6% with local decimeter patches of semi massive remobilized sulphide bx, such as from 13.96-14.06 ~25% po-cpy	1255509	11.69	12.73	1.04	6968	2047	174	0.02	0.15	0.10
			1255510	12.73	13.76	1.03	8132	5346	209	0.03	0.27	0.14
			1255511	13.76	14.26	0.50	10398	2719	215	0.02	0.20	0.16
			1255512	14.26	15.24	0.98	1953	1197	70	0.02	0.07	0.05
15.24	16.30	**10g** ***granite*** more granodioritic coarse grain locally pegmatitic sharp contacts	1255513	15.24	16.30	1.06	212	281	20	0.00	0.02	0.01

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

11.69 - 15.24 POCP DIS 6

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
16.30	17.10	**15h** ***Mineralized hornblendite*** same as above but with lower diss sulphide ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 16.30 - 17.10 POCP DIS 3	1255514	16.30	17.10	0.80	942	289	71	0.01	0.03	0.01
17.10	26.06	**7c** ***clinopyroxenite*** This unit could also be called "mineralized hornblendite" as it is now mostly chl-act-trem +/- talc altered hornblende. However if is distinct from the above mineralized hornblendite as is coarse grained, and appear to have been a poikilitic clinopyroxenite which subsequently alt. to hb and then to act-trem +/- talc. This unit unlike the above hornblendite has well developed blebby sulphide with classic cpy exsolution textures. This unit is relatively homogenous in texture and contains few <5% granodiorite intrusives ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 17.10 - 26.06 POCP BL 5	1255515	17.10	17.70	0.60	429	316	13	0.01	0.04	0.01
			1255516	17.70	18.70	1.00	3155	2269	115	0.01	0.05	0.02
			1255517	18.70	19.70	1.00	1740	1044	90	0.01	0.02	0.02
			1255518	19.70	20.70	1.00	4043	2689	137	0.02	0.05	0.05
			1255519	20.70	21.70	1.00	5221	3805	165	0.03	0.07	0.06
			1255521	21.70	22.70	1.00	4558	3094	144	0.02	0.05	0.05
			1255522	22.70	23.70	1.00	6487	4015	192	0.02	0.06	0.06
			1255523	23.70	24.70	1.00	3668	2523	128	0.01	0.04	0.04
			1255524	24.70	26.06	1.36	2408	1644	103	0.01	0.02	0.02
26.06	26.88	**10g** ***granite*** heterogenous, coarse to pegmatitic sharp contacts	1255525	26.06	26.88	0.82	114	130	5	0.00	0.01	0.01

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
26.88	42.09	**15h** ***Mineralized hornblendite*** fairly homogenous massive hornblendite with moderate bt alt. contains diss po-cpy throughout with some zones such as 37.93-38.49 reaching ~25% almost net textured. The unit contains ~20% granodirite intrusives ranging from 5cm to 50cm in size, major granodioritic intrusive occur from 27.67-27.89, 30.92-31.16, 34.67-35.06, 35.80-36.30, 36.60-37.06, & 39.15-39.43. An interesting qtz-plag-hb pegmatitic unit occurs from 27.40-27.64 and contains some cpy, gabbroic pegmatite?, from 41.51-41.58 a zone of semi-massive po-cpy occurs injected into a small granodiorite intrusive, more evidence of sulphide remobilization	1255526	26.88	27.67	0.79	2057	1144	77	0.01	0.05	0.05
			1255527	27.67	28.50	0.83	1818	948	77	0.01	0.05	0.04
			1255528	28.50	29.50	1.00	3409	2369	114	0.01	0.06	0.06
			1255529	29.50	30.50	1.00	1947	1063	77	0.01	0.06	0.05
			1255530	30.50	31.50	1.00	1672	875	69	0.01	0.05	0.05
			1255531	31.50	32.50	1.00	3613	1926	117	0.01	0.05	0.06
			1255532	32.50	33.50	1.00	8587	4373	222	0.01	0.11	0.14
			1255533	33.50	34.56	1.06	5425	2205	157	0.01	0.06	0.08
			1255534	34.56	35.06	0.50	1063	497	37	0.00	0.02	0.02
			1255535	35.06	35.80	0.74	5708	4012	141	0.01	0.10	0.07
			1255536	35.80	36.30	0.50	638	325	21	0.00	0.02	0.01

Mineralization Maj. :

	Type/Style/%	Mineral	Comment
26.88 - 37.93	POCP	DIS 3	
37.93 - 38.49	POCP	Net 25	
38.49 - 39.92	POCP	DIS 8	
39.92 - 42.09	CPPO	DIS 5	

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
42.09	47.78	**7g** ***foliated gabbro*** This unit is actually massive, not foliated it's related to the mineralized horblendite unti but unlike it is less bt alt. has originally had a significant plag content, the plag is quite altered, the unit would best be described as a gabbro to melanogabbro. It is fine to medium grained and contains ~3% diss po-cpy throughout. From 44.42-44.69 a clast? Of foliated tonalite occurs with a fol core angle of 49, from 47.24-47.78 the unti contains several patche of qtz bearing pegmatitic material or partially assimilated tonalitic clastsl ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 42.09 - 47.78 POCP DIS 3

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1255537	36.30	37.06	0.76	1562	825	52	0.01	0.03	0.03
1255538	37.06	37.90	0.84	2221	1403	84	0.01	0.06	0.06
1255539	37.90	38.50	0.60	23100	8811	872	0.05	0.16	0.22
1255541	38.50	39.00	0.50	9088	1702	237	0.01	0.11	0.09
1255542	39.00	39.50	0.50	6261	1710	163	0.00	0.06	0.05
1255543	39.50	40.57	1.07	6752	2777	196	0.01	0.07	0.08
1255544	40.57	41.51	0.94	4971	2071	142	0.00	0.06	0.06
1255545	41.51	42.09	0.58	6652	4823	173	0.01	0.06	0.09
1255546	42.09	43.50	1.41	1945	940	67	0.01	0.02	0.03
1255547	43.50	45.00	1.50	2740	1546	90	0.01	0.05	0.04
1255548	45.00	46.00	1.00	3459	1908	101	0.03	0.06	0.04
1255549	46.00	47.24	1.24	1801	1118	74	0.01	0.05	0.03
1255550	47.24	47.78	0.54	2738	1745	94	0.01	0.05	0.05

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
47.78	48.27	**10g** ***granite*** medium grained, massive with minor silvers of mineralized horblendite and qtz veining, sharp contacts	1255551	47.78	48.28	0.50	260	242	7	0.00	0.01	0.01
48.27	50.00	**15h** ***Mineralized hornblendite*** a mixed of medium grained horblendite and medium grained poikilitic pyroxenite, diss po-cpy contents around 2% ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 48.27 - 50.00 POCP DIS 2	1255552	48.28	50.00	1.72	1401	682	80	0.00	0.01	0.01
50.00	53.27	**10g** ***granite*** medium grained, with local qtz-chl-bt pegmatite, sharp contacts, contains a n unmineralized hornblendite clast from 51.97-52.62. unit is massive upper core angle is 25, lower is 45.	1255553	50.00	51.97	1.97	213	87	9	0.00	0.01	0.01
			1255554	51.97	52.62	0.65	188	240	41	0.00	0.01	0.01
			1255555	52.62	53.27	0.65	42	95	4	0.01	0.01	0.01

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
53.27	60.35	**7c** ***clinopyroxenite*** fairly homogenous, massive unit consiting of coarse grained poikilitic hb crystals after clinopyroxene, contains minor ~1-2% bleby po-cpy.	1255556	53.27	54.75	1.48	4165	2679	140	0.02	0.03	0.03
			1255557	54.75	56.25	1.50	1131	541	79	0.01	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 53.27 - 60.35 POCP BL 2	1255558	56.25	57.75	1.50	1615	817	84	0.01	0.01	0.01
			1255559	57.75	59.00	1.25	2723	1723	108	0.01	0.02	0.02
			1255561	59.00	60.35	1.35	3942	2593	135	0.01	0.03	0.03
60.35	64.60	**10g** ***granite*** similar to above granite-granodiorite unit, very white, massive, locally pegmatitic, strongly but alt. contacts with surrounding pyroxenite	1255562	60.35	62.50	2.15	184	107	5	0.01	0.01	0.01
			1255563	62.50	64.60	2.10	73	99	1	0.00	0.01	0.01
64.60	67.63	**15h** ***Mineralized hornblendite*** more of a mix of mineralized hornblendite, strong bt alt. and more remnant patches of the clinopyroxenite similar to above	1255564	64.60	66.00	1.40	4361	2303	134	0.01	0.02	0.04
			1255565	66.00	67.63	1.63	1641	1158	87	0.01	0.01	0.02
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 64.60 - 67.63 POCP DIS 2										
67.63	69.77	**10g** ***granite*** medium grained, homogenous, massive	1255566	67.63	69.77	2.14	212	169	11	0.00	0.01	0.01

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
69.77	76.68	**7c** ***clinopyroxenite*** Similar to the 53.27-60.35 unit but with less blebby sulphide ~1%, and with gradually increasing interstitial plag, the unit is still massive, and coarse grained and poikilitic. From 75.61-75.85, a massive bt rich clast, dyke? Possibly a lamprophyre occurs, from 75.88-76.68 the units contains several 3 to 10cm granite, f.g. gabbro, and plag rich crosscutting intrsives comprising ~40% of the interval.	1255567	69.77	71.28	1.51	933	383	74	0.00	0.01	0.01
			1255568	71.28	72.78	1.50	1697	805	90	0.01	0.01	0.03
			1255569	72.78	73.28	0.50	1566	940	90	0.01	0.01	0.02
			1255570	73.28	75.61	2.33	873	293	74	0.00	0.01	0.01
			1255571	75.61	77.00	1.39	562	147	52	0.01	0.01	0.01
76.68	82.88	**7g** ***foliated gabbro*** massive, unit which is actually a continuation of the coarse grain pyroxenite above ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 76.68 - 82.88 POCP BL 0.5	1255572	77.00	78.50	1.50	872	341	70	0.01	0.01	0.02
			1255573	78.50	80.00	1.50	694	203	71	0.00	0.01	0.01
			1255574	80.00	81.50	1.50	659	274	60	0.00	0.02	0.01
			1255575	81.50	82.88	1.38	2272	1063	93	0.00	0.05	0.03
82.88	83.48	**10g** ***granite*** massive white, coarse grained sharp contacts	1255576	82.88	83.48	0.60	72	112	5	0.00	0.01	0.01

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
83.48	85.92	**15h** ***Mineralized hornblendite*** rather heterolithic unit with sereral "clasts" of bt alt pyroxenite, some melanogabbro and minor diss po-py <1% ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 83.48 - 85.92 POCP DIS 1	1255577	83.48	84.85	1.37	1669	991	80	0.01	0.05	0.03
			1255578	84.85	85.92	1.07	3774	1982	107	0.01	0.07	0.07
85.92	89.24	**8tx** ***tonalite breccia*** very heterolithi unit, with lots of strung out partially assimilated amphibolite, producing a gniessic foliation at ~20tca. It contains local decimeter clasts/lenses/intrusions? Of mineralized hornblendite, the unit is also cut by local decimeter scale granite intrusions, from 88.53-88.60 there is 10% remobilized po-cpy	1255579	85.92	87.00	1.08	995	1005	47	0.02	0.05	0.04
			1255581	87.00	88.39	1.39	1354	945	70	0.01	0.04	0.04
			1255582	88.39	88.89	0.50	8335	3565	137	0.01	0.06	0.13
89.24	91.31	**15h** ***Mineralized hornblendite*** mix of fine to medium grain bt. Alt. weakly mineralized hornblendite cut by several decimeter scale granodiorite intrusives which comprise ~40% of the unit. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 89.24 - 91.31 POCP DIS 1	1255583	88.89	89.69	0.80	1286	951	60	0.01	0.04	0.03
			1255584	89.69	91.08	1.39	894	906	40	0.01	0.04	0.03

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
91.31	94.44	**9** ***Late Unfoliated Mafic-Ultramafic intru*** This is an interesting unit, it is medium gained, massive and composed of hb alt (now trem-act. Alt.) clinopyroxenite in a light coloured matrix of talc and carbonate likely representing alt. orthopyroxene or olivine. The unit also contains abundant magnetite.At first glance the talc-carb looks like alt. plagioclase making the rock resemble an alt. gabbro. Talc alteration is particularily strong around 92.5m. Diss to bleby sulphide mineralization occurs throughotu but is only 1-1.5%	1255585	91.08	92.50	1.42	3379	1434	90	0.01	0.07	0.08
			1255586	92.50	94.00	1.50	1676	1121	80	0.01	0.05	0.04
94.94	104.95	**15h** ***Mineralized hornblendite*** This unit is a mix of f.g. more bt alt. and medium grain less bt alt. po-cpy mineralization decreases from 1.5% to trace from the top to 99m where the last sulphide mineralization occurs. From 96.42-96.56 a granodiorite intrusive occurs, from 97.58-98.09 an massive aphanitic gabbro, most likely a diabase dyke occurs, from 98.58-98.79 a gabbro clast/intrusive occurs. From 99.66-100.13 a clast of talc alt. m.g. mag-rich ultramafic occurs similar to the above ultramafic unit., from 103.79-103.05 a granite intrusive occurs. The lower contact is more distinct than the gradiation upper contact with strong bt. Alt. in contactw with the lower talc alt. ultramafic unit.	1255588	95.69	97.58	1.89	886	1061	72	0.01	0.05	0.04
			1255589	97.58	99.58	2.00	449	427	59	0.01	0.02	0.02
			1255590	99.58	101.58	2.00	755	199	69	0.00	0.03	0.01
			1255591	101.58	103.58	2.00	369	76	54	0.00	0.01	0.01
			1255592	103.58	105.58	2.00	618	96	66	0.00	0.01	0.01
104.95	106.81	**9** ***Late Unfoliated Mafic-Ultramafic intru*** Similar to 91.31-94.44, medium grained, massive, with a light grey talc alt. matrix hosting hb alt. cpx. The unit is barren of sulphide but is strongly magnetic. 105.92-106.13 granodiortie intrusive	1255593	105.58	106.81	1.23	780	40	60	0.00	0.02	0.01

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

94.94 - 99.00 POCP DIS 0.25

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
106.81	108.47	**10g** ***granite*** medium grained massive late granite-granodiorite intrusive	1255594	106.81	108.47	1.66	81	22	8	0.00	0.01	0.01
108.47	111.93	**7h** ***hornblendite*** unmineralized hornblendite, otherwise resembling the mineralized version, medium grained, with local gabbroic patches, resembling partially assimilated clasts.	1255595	108.47	110.47	2.00	493	53	61	0.00	0.04	0.03
			1255596	110.47	112.00	1.53	387	109	62	0.00	0.02	0.01
111.93	116.61	**10g** ***granite*** late pegmatitic granite intrusive, v. pink	1255597	112.00	113.50	1.50	18	13	3	0.00	0.01	0.01
116.61	125.87	**8tx** ***tonalite breccia*** This unit is called tonalitic breccia as the intrusive phase is tonalitic, however it appears more to be cooked up partially assimilated f.g. wacke sandstone. The unit is very heterogenous locally but is consistently so over several meters. This unit is cut by local late granite intrusives and may be the orginal footwall rock to the RJ mafic-ultramafic conduit. The unit is hb-rich (due to metamorphism) which at first glance can be confused with actual hornblendite clasts however they are finer grain and are quartz bearing.										

Hole Number **TK-16-001** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
125.87	127.87	**10g** ***granite*** coarse grain locally pegmatitic late pink granite. 127.87 EOH, hole abandoned before 150m target depth due to stuck rods.										

DRILL HOLE REPORT

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	22
Dip:	-45
Length:	153
Started:	12-Mar-16
Completed:	13-Mar-16
Logged:	16-Mar-16

Comment: western stepout from TK-06-005

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	4203385
NTS:	042C/13
Hole:	SURFACE

Coordinate - Gemcom

East:	604449.3
North:	5421619.4
Elev.:	382.53

Coordinate - UTM

East:	604449.3
North:	5421619.4
Elev.:	382.53
Zone:	16
NAD:	NAD83

Other

Logged by:	Neil Pettigrew
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Steve Greiner
Surveyed:	
Surveyed by:	John Fingas
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	no
Multi shot survey:	yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	22.00	-45.00	C	☑	

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LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	2.10	**OVB** ***Overburden/Casing***										
2.10	10.18	**8t** ***tonalite*** medium grained, moderately foliated @ 45 TCA but may be more of a lineation. Tonalite is fairly homogeneous over this interval. Fairly fresh looking consisting of quartz, plag and biotite with relatively fresh plag. Sub units - from 2.40 to 3.38 Mg granite and granite peg,. From 6.93 to 7.1 m.g. granite intrusive, 9.25 --9.68 composite tonalitic diorite and granite intrusive.	1255598	9.00	10.18	1.18	37	16	7	0.00	0.01	0.01
10.18	11.84	**15h** ***Mineralized hornblendite*** actually a heterolithic unit composed of metamorphosed sed, tonalite, granite and mineralized hornblendite. Sub units, from 10.18-10.57 biotite rich metawacke (seds) foliation of 24 TCA which hosts a lineation defined by hornblende, from 10.57 - 10.71 tonalite, 10.71-11.16 fg granite, 11.16-11.48 mineralized biotite rich Fg hornblendite contains around .75-1% Po/Cpy	1255599	10.18	11.03	0.85	74	45	12	0.00	0.01	0.01
			1403551	11.03	11.84	0.81	1049	848	62	0.01	0.05	0.04
		Mineralization Maj. : 11.16 - 11.84 ***Type/Style/%Mineral*** POCP DIS 0.75 ***Comment***										
11.84	13.59	**8t** ***tonalite*** same as above intersection with local remobed disseminated chalco also found as fracture fills	1403552	11.84	13.59	1.75	446	946	18	0.01	0.02	0.02

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
13.59	16.11	**5** ***Clastic Metasediments (unsubdivided*** this is a hybrid unit composed of around 50% sed/40% hornblendite/10% tonalite. Seds show various states of assimilation with localized remnant mm scale bedding or banding?. Subunit 14.81-15.0 granite intrusive	1403553	13.59	15.00	1.41	693	1120	50	0.03	0.04	0.04
			1403554	15.00	16.11	1.11	2238	1913	76	0.05	0.08	0.07
16.11	26.14	**15h** ***Mineralized hornblendite*** overall Mg relatively homogeneous hornblendite with local clasts of slightly coarser hornblendite, Moderate biotite alteration locally strong, sulphides are disseminated, blebby with local remobilized semi massive sulphide. Subunits - 21.55-22.29 Mg granite, 23.14-23.68 granite with horblendite clasts, 25.75-25.94 Mg granite	1403555	16.11	16.61	0.50	5417	3689	150	0.04	0.16	0.16
			1403556	16.61	17.50	0.89	3851	4072	115	0.04	0.12	0.11
			1403557	17.50	18.50	1.00	2743	3121	86	0.03	0.08	0.09
			1403558	18.50	20.00	1.50	3394	4304	100	0.04	0.09	0.09
			1403559	20.00	21.55	1.55	3513	3414	140	0.02	0.16	0.10
			1403560	21.55	22.29	0.74	2313	1483	67	0.00	0.06	0.06
			1403561	22.29	22.91	0.62	2243	1012	84	0.01	0.06	0.04
			1403562	22.91	23.69	0.78	1106	505	41	0.01	0.03	0.03

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

13.59 - 16.11	POCP	DIS	0.1	
16.11 - 16.48	POCP	SM	10	remobilized stringers of cpy dominated sulphide breccia
16.48 - 23.69	POCP	DIS	4	
23.69 - 24.85	POCP	DIS	6	also localized patches of remobilized semi massive
24.85 - 25.48	POCP	SM	15	remobilized stringers of sulphide breccia
25.48 - 26.14	POCP	BL	8	remobilzed blebs of cpy-rich po-cpy surrounding granodirote intrusions and qtz blobs

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1403563	23.69	24.85	1.16	4738	1589	124	0.01	0.10	0.15
			1403564	24.85	25.48	0.63	20541	3674	421	0.03	0.58	0.52
			1403565	25.48	26.14	0.66	6943	3064	138	0.01	0.13	0.14
26.14	32.02	**10g** ***granite*** coasrse grained pink, massive, from 29.90-32.02 medium grained massive, but with a weak lineation	1403566	26.14	27.14	1.00	142	98	4	0.00	0.01	0.01
			1403567	27.14	28.75	1.61	38	16	1	0.00	0.01	0.01
			1403568	28.75	30.00	1.25	198	227	5	0.00	0.02	0.01
			1403569	30.00	32.02	2.02	322	309	10	0.01	0.01	0.01
32.02	39.71	**15h** ***Mineralized hornblendite*** similar to 16.11-26.14, medium to fine grained, overall ~4% po-cpy mostly as blebs and local interstitial plag-po-cpy remob sulphide bx or alt. primay interstial sulphide locally plag contents increase to melanogabbro compositions and rare centimetre scale plag-hb pegmatitic patches also occur. The unit is overall massive and relatively homogeneous. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 32.02 - 37.11 POCP INT 4	1403573	34.00	35.00	1.00	4154	2296	102	0.02	0.13	0.12
			1403574	35.00	36.00	1.00	5801	2609	131	0.03	0.18	0.16
			1403575	36.00	37.00	1.00	4759	1956	104	0.03	0.13	0.14
			1403571	32.02	33.00	0.98	4084	3274	98	0.06	0.14	0.08
			1403572	33.00	34.00	1.00	2538	1822	87	0.03	0.07	0.06
			1403576	37.00	38.00	1.00	2034	1404	74	0.02	0.07	0.05

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1403577	38.00	39.00	1.00	1364	1160	71	0.02	0.05	0.03
			1403578	39.00	39.71	0.71	1773	1063	80	0.02	0.08	0.05
39.71	42.38	**10g** ***granite*** heterolithic granite. 40.06-44.04 intensly biotite altered hornblendite clast with trace chalco	1403579	39.71	41.48	1.77	740	599	41	0.01	0.05	0.02
			1403580	41.48	42.38	0.90	54	42	3	0.00	0.02	0.01
42.38	43.32	**15h** ***Mineralized hornblendite*** strongly biotite altered mineralized hornblendite. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 42.38 - 43.32 POCP BL 3 largely blebs with some disseminated throughout interval	1403581	42.38	43.32	0.94	2638	1764	93	0.03	0.10	0.10
43.32	44.36	**10g** ***granite*** Mg granite with sharp planar contacts, locally pegmatitic	1403582	43.32	44.36	1.04	53	110	2	0.01	0.02	0.01
44.36	45.84	**7h** ***hornblendite*** unmineralized with minor plag, massive fine grained,	1403583	44.36	45.84	1.48	671	309	54	0.00	0.03	0.01

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
45.84	49.65	**8tx** ***tonalite breccia*** heterolithic tonalite breccia, some clear evidence of the tonalite brecciating unmineralized hornblendite. The unit contains >70% tonalite which is medium grained and fairly fresh.hornblendite is fine grained and non mineralized	1403584	45.84	47.05	1.21	79	55	19	0.00	0.01	0.01
			1403585	47.05	48.00	0.95	53	27	10	0.00	0.01	0.01
			1403587	48.00	49.65	1.65	133	60	29	0.00	0.02	0.01
49.65	66.41	**15h** ***Mineralized hornblendite*** med to fine grained, moderately biotite altered, overall percentage of sulphide is around 7% but variable, this unit is noteworthy for having several for having decimeter scale sulphide mineralized altered clastic sedimentary clasts, sulphide is predominantly disseminated but locally remobilized into sulphide breccias. Sub units 55.13-55.31 sed clast , 60.18-60.88 remnant bedding in foliated sed clast, 63.4-63.43 mineralized sed clast,	1403588	49.65	51.00	1.35	2945	3151	85	0.03	0.12	0.10
			1403589	51.00	52.00	1.00	3212	3219	98	0.02	0.10	0.09
			1403591	52.00	52.75	0.75	2491	3219	90	0.03	0.09	0.06
			1403592	52.75	53.75	1.00	8918	4163	211	0.04	0.17	0.22
			1403593	53.75	54.75	1.00	3664	3098	107	0.01	0.08	0.08
			1403594	54.75	55.25	0.50	4103	2817	126	0.01	0.10	0.08
			1403595	55.25	56.25	1.00	7953	4857	230	0.01	0.19	0.11

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
49.65 - 54.75	POCP DIS 5	
54.75 - 55.13	CPPO DIS 15	
55.13 - 63.82	POCP DIS 6	local remobilized semi massive sulphide breccia
63.82 - 64.27	POCP SM 25	semi massive remobilized sulphide breccia
64.27 - 66.19	POCP DIS 5	local semi massive patches
66.19 - 66.41	POCP Mass 80	minor millerite present as well

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LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1403596	56.25	57.25	1.00	4172	1852	150	0.01	0.13	0.08
			1403597	57.25	58.25	1.00	5610	3315	134	0.03	0.12	0.13
			1403598	58.25	59.25	1.00	14260	10987	296	0.02	0.18	0.12
			1403599	59.25	60.25	1.00	5089	4199	146	0.02	0.10	0.06
			1403600	60.25	61.25	1.00	3106	3601	94	0.03	0.07	0.07
			1403951	61.25	62.25	1.00	16048	5080	328	0.02	0.15	0.26
			1403952	62.25	63.00	0.75	7677	4845	174	0.01	0.09	0.07
			1403953	63.00	63.80	0.80	12267	3273	228	0.01	0.09	0.07
			1403954	63.80	64.30	0.50	18813	12977	378	0.02	0.19	0.18
			1403955	64.30	65.00	0.70	2872	1394	90	0.00	0.05	0.05
			1403956	65.00	66.00	1.00	5442	4775	143	0.01	0.12	0.08
			1403957	66.00	66.50	0.50	28934	4473	628	0.01	0.27	0.35

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LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
66.41	85.90	**7bbm** ***Mineralized Proxenite*** coarse grained massive, relatively homogeneous with local plag rich patches, overall plag content about 10%, clinopyroxene altered to hornblend with variable amounts of actinolite, biotite, chlorite.pyroxene is poikiolitic, unit contains around 5% blebby chalco and pyrrhotite. Subunits-unit is cut by several granite as well as tonalite intrusives, tonalite intrusives have been strongly mineralized with py, pyrr, chalco and magnetite. 67-67.5 granite with py and cpy remob, 68.44-68.56 - granite, 74.15-74.36 granite, 75.56-76.04 granite, 77.65-78.62 mineralized tonalite, 79.59-79.78 mineralized tonalite, 80-81.13 mineralized tonalite, overall percentage of intrusives is 15% granite and tonalite

Mineralization Maj. :	Type/Style/%	Mineral		Comment
66.41 - 77.65	POCP	BL	5	
77.65 - 78.62	CPPO	INT	8	magentite-pyrite-chalco-pyrrhotite
78.62 - 79.09	CPPO	INT	12	
79.09 - 85.90	CPPO	INT	7	with patches of blebby sulphide

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1403958	66.50	67.00	0.50	5061	2484	149	0.00	0.08	0.06
1403959	67.00	67.50	0.50	2299	1280	54	0.02	0.04	0.03
1403961	67.50	68.50	1.00	4027	2396	114	0.01	0.06	0.05
1403962	68.50	69.50	1.00	5903	2931	165	0.02	0.08	0.07
1403963	69.50	70.50	1.00	5987	3215	161	0.01	0.05	0.04
1403964	70.50	71.50	1.00	6764	2631	178	0.01	0.09	0.09
1403965	71.50	72.50	1.00	3625	2872	118	0.01	0.07	0.05
1403966	72.50	73.50	1.00	3617	2366	125	0.00	0.06	0.05
1403967	73.50	74.50	1.00	2409	1228	81	0.00	0.05	0.03
1403968	74.50	75.56	1.06	4576	3329	145	0.00	0.07	0.05
1403969	75.56	76.04	0.48	220	218	12	0.00	0.02	0.01
1403970	76.04	77.00	0.96	2045	3948	84	0.00	0.03	0.02
1403971	77.00	77.65	0.65	1906	2084	83	0.00	0.03	0.02
1403972	77.65	78.62	0.97	8825	3482	199	0.00	0.11	0.11

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
85.90	92.62	**8t** ***tonalite*** this is typical tonalite, Mg locally weakly foliated, locally strongly mineralized by pyrite dominated, pyrite, chalco, biotite and silica altered. Biotite is extremely coarse and the pyrite is coarsly crystallized. This unit also contains locally massive magnetite on cm scale which seems to have a replacement style. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 85.90 - 88.11 PY INT 4 pyrite dominant however chalco, pyrrhotite and a fair amount of magnetite are present 88.11 - 90.20 PY INT 25 replacement style pyrite mineralization filling around very coarse grained biotite. Around 80% pyrite/10%Cpy. Noteworthy is the high magnetite content 90.20 - 91.42 PY INT 3 dominated by pyrite mineralization with minor Cpy

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1403973	78.62	79.50	0.88	13913	3219	313	0.00	0.14	0.14
1403974	79.50	80.00	0.50	13792	2581	326	0.00	0.17	0.15
1403975	80.00	81.00	1.00	13275	2274	321	0.00	0.17	0.14
1403976	81.00	82.00	1.00	11540	2527	280	0.00	0.15	0.12
1403977	82.00	83.00	1.00	19734	1866	444	0.00	0.17	0.12
1403978	83.00	84.00	1.00	10220	1425	266	0.00	0.13	0.11
1403979	84.00	85.00	1.00	9871	1815	261	0.00	0.15	0.12
1403981	85.00	85.90	0.90	12581	2602	304	0.00	0.14	0.13
1403982	85.90	87.00	1.10	5006	1370	139	0.00	0.11	0.07
1403983	87.00	88.11	1.11	10519	2203	246	0.00	0.15	0.12
1403984	88.11	89.00	0.89	13733	5554	475	0.00	0.39	0.17
1403985	89.00	90.00	1.00	15010	4368	379	0.01	0.32	0.25
1403986	90.00	91.25	1.25	5457	931	195	0.00	0.17	0.10
1403987	91.25	92.62	1.37	1417	414	35	0.00	0.02	0.02

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		91.42 - 92.62 PY DIS 1 minor amounts of disseminated Py often localized to small bands of biotite within mostly barren tonalite										
92.62	100.42	**7bbm** ***Mineralized Proxenite*** same description as upper pyroxenite interval, the units contain consitentent blebby po-cpy which gradually decreases from 5 to 2% toward the base of the unit. The unit contains several coarse qtz-chl vein from 93.84-94.87, 96.87-97.44 and 97.96-98.1 which comprise ~20% of the unit. A m.g. granite intrusive with mineralized clasts of pyroxenite also occurs from 95.06-95.61. The pyroxenite is massive with 3-4% interstitial plag and is strongly magnetic. Teh pyroxenite unit gradually becomes finer grain after 98.42, more closely resembling the m.g. hornblendite unit.	1403988	92.62	93.84	1.22	9016	2547	260	0.01	0.09	0.11
			1403989	93.84	95.61	1.77	3197	944	85	0.00	0.17	0.24
			1403990	95.61	96.87	1.26	8795	2698	244	0.00	0.18	0.22
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 92.62 - 100.42 POCP BL 3	1403991	96.87	98.42	1.55	4435	1028	112	0.00	0.27	0.35
			1403992	98.42	100.42	2.00	1996	1525	86	0.01	0.05	0.05
100.42	107.00	**10g** ***granite*** coarse grain to pegmatitic granite intrusive with local f.g. decimeter-scale hornblendite clasts from 100.70-100.30 and solid hornblendite clast from 101.71-102.45. A small section of tonalitic breccia with a clastic sediment clast occurs from 100.42-100.70	1403993	100.42	102.45	2.03	493	375	41	0.00	0.01	0.02
			1403994	102.45	104.00	1.55	68	20	3	0.00	0.01	0.01
			1403995	104.00	105.50	1.50	56	17	1	0.00	0.01	0.01
			1403996	105.50	107.00	1.50	53	13	1	0.00	0.01	0.01

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
107.00	110.68	**7h** ***hornblendite*** unmineralized, m.g. hornblendite, with only moderate bt alt. and a locally a few % plagioclase. The unit is cut and breciated by tonalite from 108.14-108.78, and m.g. granite dyke occurs from 110.54-110.68	1403997	107.00	108.78	1.78	377	61	48	0.00	0.01	0.01
			1403998	108.78	110.68	1.90	357	56	49	0.00	0.01	0.01
110.68	114.04	**7bc** ***Peridotite (unsubdivided)*** this is an interesting unit. It is medium grained with dark hb alt. clinopyroxene in a very light coloured talk massive talc altered matrix, the unit is strongly magnetic and contains trace disseminated pyrite. The unit starts out as talc alt. ultrmafic (alt. of opx or ol) and grades gradually into a talc free bt-rich hornblendite @ ~12.30m and then gradually back into a talc alt. ultramafic from 13.65-113.66 and then back again into bt-rich hornblendite	1403999	110.68	111.80	1.12	1087	59	81	0.00	0.01	0.01
			1403851	111.80	113.05	1.25	1214	51	80	0.01	0.01	0.01
			1403852	113.05	114.04	0.99	886	34	80	0.01	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 110.68 - 114.04 PY DIS 0.25										
114.04	118.24	**8tx** ***tonalite breccia*** a hybrid zone possessing mix of mostly m.g. hornblendite clasts as well as some minor sediment clasts set in a tonalitic matrix	1403853	114.04	116.20	2.16	108	43	21	0.00	0.01	0.01
			1403854	116.20	118.24	2.04	240	71	47	0.00	0.01	0.01
118.24	119.70	**10g** ***granite*** m.g. granodiorite intrusive	1403855	118.24	119.70	1.46	56	38	6	0.00	0.01	0.01

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
119.70	127.08	**7h** ***hornblendite*** m.g. massive hornblendite with relatively minor bt alt. the unit contains a large massive quartz vein from 121.39-122.22 and a granite intrusives from 123.55-123.65 and 124.94-125.90 which comprise ~35% of the unit. Local tr diss cpy occurs.	1403856	119.70	121.34	1.64	298	51	55	0.00	0.01	0.01
			1403857	121.34	122.22	0.88	62	8	2	0.00	0.01	0.01
			1403858	122.22	123.65	1.43	313	103	56	0.00	0.01	0.01
			1403859	123.65	124.94	1.29	295	116	59	0.00	0.01	0.01
			1403860	124.94	125.90	0.96	51	25	5	0.00	0.01	0.01
			1403861	125.90	127.08	1.18	264	100	60	0.06	0.01	0.01
127.08	153.00	**8tx** ***tonalite breccia*** a heterogenous, but consistently so, unit dominated by mesocractic to leucocratic tonalite and cooked up bt-hb bearing f.g. sandstone clasts with only minor local hornblendite clasts which is in turn cut by granite intrusives from 130.19-131.60, 135.09-139.53, 136.48-136.75, 140.18-142.72, 146.05-146.23, 147.96-148.10, 149.01-149.33. From 146.37-149.77 a section of leucogabbro occurs the lower contact of which appears to grade into the tonalite. From 151-152.70 a clast of m.g. hornblendite occurs, the clast is a bit busted up but does contain trace diss py and is strongly magnetic appearing to be from the RJ intrusion, 153m is EOH ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 151.00 - 152.70 PY DIS 0.25	1403862	127.08	128.62	1.54	106	100	37	0.00	0.01	0.01
			1403863	128.62	130.19	1.57	91	188	33	0.00	0.01	0.01
			1403864	150.00	151.00	1.00	56	66	25	0.00	0.01	0.01
			1403865	151.00	152.00	1.00	53	86	46	0.00	0.01	0.01
			1403866	152.00	153.00	1.00	74	125	49	0.00	0.01	0.01

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LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-002** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

DRILL HOLE REPORT

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	15
Dip:	-45
Length:	150
Started:	14-Mar-16
Completed:	16-Mar-16
Logged:	17-Mar-16

Comment: A Eatern stepout of TK-06-004

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Coordinate - Gemcom

East:	604514.6
North:	5421594.9
Elev.:	382.13

Coordinate - UTM

East:	604514.6
North:	5421594.9
Elev.:	382.13
Zone: 16	**NAD:** NAD83

Location

Township:	MCGILL
Claim No.:	4203385
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	Neil Pettigrew
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Neil Pettigrew
Surveyed:	
Surveyed by:	John Fingas
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	no
Multi shot survey:	yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	15.00	-45.00	C	☑	

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	2.47	**OVB** ***Overburden/Casing***										
2.47	5.50	**15h** ***Mineralized hornblendite*** really more of a mineralized melanogabbor, the unit contains several decimetre scale patches of ~10-20 plag, teh unit contains only minorto moderate bt alt. the unit is mostly massive but does have a weak preferred lineation to the hb crystals	1403868	4.00	5.50	1.50	3653	3700	129	0.01	0.04	0.06
			1403867	2.47	4.00	1.53	2978	1729	105	0.00	0.04	0.03
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 2.47 - 5.50 CPPO DIS 3										
5.50	10.89	**7bbm** ***Mineralized Proxenite*** Mineralized hb alt. massive medium grained clinopyroxenite, with moderate retrograde biotite alt., the unit is fairly homogenous with blebby po-cpy and local granite intrusives from 6-6.07 and 7.31-7.75	1403869	5.50	6.50	1.00	4352	2840	135	0.01	0.04	0.05
			1403871	6.50	7.31	0.81	3930	2541	117	0.02	0.05	0.05
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 5.50 - 10.89 POCP BL 3	1403872	7.31	7.75	0.44	960	1049	30	0.00	0.01	0.01
			1403873	7.75	9.00	1.25	3792	2205	122	0.01	0.04	0.04
			1403874	9.00	10.00	1.00	3613	1860	115	0.01	0.05	0.04
			1403875	10.00	10.89	0.89	2623	1782	103	0.01	0.02	0.03

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
10.89	13.20	**10g** ***granite*** pale pink m.g. late granite intrusives with a lense of mineralized clinopyroxenite (similart 5.5-10.89) from 11.38-12.29 ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 11.39 - 12.29 POCP BL 1	1403876	10.89	11.39	0.50	157	118	2	0.00	0.01	0.01
			1403877	11.39	12.29	0.90	1487	832	99	0.00	0.01	0.01
			1403878	12.29	13.20	0.91	86	74	2	0.00	0.01	0.01
13.20	24.04	**7bbm** ***Mineralized Proxenite*** Similar to 5.5-10.89 but with slight less sulphide ~2%. This unit is cut by several granite intrusives from 16.00-16.39, 17.57-17.75, 20.50-20.62, and 22.00-22.25 which comprise ~10% of the unit ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 13.20 - 24.04 POCP BL 2	1403879	13.20	13.93	0.73	2112	1178	97	0.01	0.03	0.02
			1403880	13.93	15.00	1.07	1619	1093	57	0.00	0.02	0.02
			1403881	15.00	16.00	1.00	2694	1525	101	0.00	0.03	0.03
			1403882	16.00	17.75	1.75	1770	982	66	0.00	0.01	0.03
			1403883	17.75	19.00	1.25	1774	1888	74	0.01	0.01	0.02
			1403884	19.00	20.50	1.50	2651	1758	108	0.01	0.03	0.03
			1403885	20.50	22.00	1.50	3043	1900	113	0.01	0.01	0.02
			1403886	22.00	23.00	1.00	3579	2423	126	0.00	0.02	0.03
			1403887	23.00	24.04	1.04	4681	3386	147	0.02	0.04	0.05

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
24.04	25.05	**10gx** ***granite breccia***	1403888	24.04	24.97	0.93	1299	671	46	0.00	0.02	0.02
		heterolithic granite and tonalite breccia, granite with local clinopyroxenite clasts occurs from 24.04-24.65, from 24.65-25.05 a more heterolithic zone of tonalite, sediment? And bt alt. f.g. hornblendite occurs which contains ~1.5% diss py										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		24.65 - 25.05 PY DIS 1.5										
25.05	25.91	**7ac** ***Gabbro***	1403889	24.97	25.91	0.94	7198	3468	237	0.00	0.07	0.14
		locally weakly foliated hb alt. medium grained gabbro with ~6% diss po-cpy, may be large clast in the surrounding breccia										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		25.05 - 25.91 CPPO DIS 6										
25.91	26.89	**8tx** ***tonalite breccia***	1403891	25.91	26.47	0.56	2333	955	81	0.00	0.03	0.03
		Another heterolithic unit with some tonalite but also some granite intrusives and pegmatite with some mineralized hornblendite clasts and sediment clasts all of which have strong biotite alt.										
26.89	28.17	**10g** ***granite***	1403892	26.47	28.17	1.70	315	142	12	0.00	0.02	0.01
		composite m.g. and pegmatitc late intrusive										

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
28.17	40.66	**15h** ***Mineralized hornblendite*** fine to medium grained relatively homogenous hornblendite with moderate to locally strong biotite alt., the unit is consistently mineralized with diss cpy>po, and is cut by several granite intrusives from 29.70-30.13, 32.91-30, 33.62-34.50 several of these intrusives have local remobilized blebs and stringers of po-cpy within the dykes, the dykes also commons have a banded vein appearance (repeated intrusion). From 39.12-40.66 a strongly biotite alt. and blocky zone occurs with several cm-scale granite intrusives occurs.

Mineralization Maj. :	*Type/Style/%Mineral*			*Comment*
28.17 - 30.37	CPPO	DIS	1	
30.37 - 30.59	POCP	SM	10	local remobilized sulphide breccia stringers
30.59 - 32.10	CPPO	DIS	1.5	
32.10 - 32.91	CPPO	DIS	7	
32.91 - 36.50	CPPO	DIS	2	
36.50 - 37.27	CPPO	DIS	6	local mm-scale remob stringers
37.27 - 40.66	CPPO	DIS	2	

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1403897	32.10	32.91	0.81	4465	1889	152	0.00	0.05	0.04
1403898	32.91	33.62	0.71	4464	2082	145	0.00	0.06	0.05
1403899	33.62	34.50	0.88	374	312	8	0.00	0.01	0.01
1403900	34.50	35.50	1.00	2571	1418	102	0.00	0.05	0.03
1403901	35.50	36.50	1.00	2781	1285	100	0.00	0.05	0.04
1403902	36.50	37.27	0.77	7092	2732	209	0.00	0.10	0.11
1403903	37.27	38.20	0.93	4492	3146	141	0.00	0.04	0.06
1403904	38.20	39.42	1.22	1161	674	68	0.00	0.02	0.01
1403905	39.42	40.66	1.24	577	152	49	0.00	0.01	0.01
1403893	28.17	29.00	0.83	1482	579	78	0.00	0.01	0.02
1403894	29.00	30.00	1.00	1618	679	68	0.00	0.02	0.02
1403895	30.00	30.70	0.70	8178	2355	227	0.00	0.08	0.08

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1403896	30.70	32.10	1.40	3521	1065	119	0.00	0.03	0.03
40.66	42.60	**10g** ***granite*** massive more whitish f.g. granite intrusive, rather blocky core, with some wisps of intensely bt alt. hornblendite	1403906	40.66	42.60	1.94	155	83	9	0.00	0.01	0.01
42.60	46.66	**7bbm** ***Mineralized Proxenite*** grades from hornblendite similar to 28.17-40.66 into medium grained clinopyroxenite. Fairly massive homogenous unit with ~1.5% diss and blebby po-cpy. From 42.60-43.60 it is cut by chaotic granite/qtz veins which has caused local deformationa nd intense biotite alt., from 46.13-46.66 the unit is cut by banded qtz vein/granite intrsuive which comprise ~50% of the unit over that subinterval.	1403907	42.60	44.00	1.40	1184	581	75	0.00	0.01	0.01
			1403908	44.00	45.46	1.46	1520	864	79	0.00	0.02	0.01
			1403909	45.46	46.66	1.20	1213	566	74	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 42.60 - 46.66 POCP BL 1.5										
46.66	47.89	**10g** ***granite*** fine grained,whitish with local cm-scale bt alt. pyroxenite clasts	1403911	46.66	47.89	1.23	282	268	11	0.00	0.01	0.01

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
47.89	54.84	**7bbm** ***Mineralized Proxenite*** Mineralized, mediumg grained massive, homegenous clinopyroxenite, with blebby po-cpy ~1.5%. The unit is cut by several small whitish granite intrusives from 51.96-52.40, 53.00-53.20, 53.70-54.00, 54.26-54.48 which comprise ~15% of the unit. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 47.89 - 54.84 POCP BL 1.5	1403912	47.89	49.50	1.61	1437	836	78	0.00	0.02	0.01
			1403913	49.50	51.00	1.50	974	457	70	0.00	0.02	0.01
			1403914	51.00	51.96	0.96	1564	902	85	0.00	0.02	0.02
			1403915	51.96	53.50	1.54	1051	547	59	0.00	0.02	0.01
			1403916	53.50	54.84	1.34	595	259	48	0.01	0.01	0.02
54.84	56.25	**10g** ***granite*** coarse grained to pegmatitic granite	1403917	54.84	56.25	1.41	71	59	3	0.00	0.01	0.01
56.25	58.75	**7bbm** ***Mineralized Proxenite*** similar to 47.89-54.84 but with a bit more blebby po-cpy ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 56.25 - 58.75 POCP BL 4	1403918	56.25	57.75	1.50	1434	786	72	0.00	0.02	0.01
			1403919	57.75	58.75	1.00	3517	2418	121	0.01	0.04	0.03
58.75	60.22	**10g** ***granite*** pegmatitic whitish granite	1403920	58.75	60.22	1.47	469	507	13	0.00	0.02	0.01

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
60.22	71.25	**7bbm** ***Mineralized Proxenite*** medium grained similar to 47.89-54.84 but ith more blebby po-cpy, gradually becomes finer grain toward the base of the unit before grading into hornblendite. The unit cut by several granite , and granite pegmatite intrusives from 63.07-63.92, 65.20-65.33, and 69.77-70.36 which comprise ~15% of the unit.	1403928	68.45	69.77	1.32	761	221	60	0.00	0.02	0.02
			1403929	69.77	70.36	0.59	162	23	8	0.00	0.02	0.01
			1403931	70.36	71.25	0.89	1565	984	83	0.00	0.05	0.03
			1403921	60.22	61.70	1.48	3394	4268	118	0.01	0.04	0.04
			1403922	61.70	63.07	1.37	4763	3048	149	0.01	0.05	0.05
			1403923	63.07	63.92	0.85	162	180	5	0.00	0.01	0.01
			1403924	63.92	65.20	1.28	4289	2772	143	0.01	0.05	0.04
			1403925	65.20	66.60	1.40	2823	2000	113	0.00	0.04	0.03
			1403926	66.60	67.50	0.90	1095	479	76	0.00	0.02	0.01
			1403927	67.50	68.45	0.95	1459	658	72	0.00	0.04	0.03

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

60.22 - 65.20 POCP BL 5

65.20 - 71.25 POCP BL 2

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
71.25	76.10	**15h** ***Mineralized hornblendite*** A bit of an odd, more heterolithic unit with medium locally fine grained hornblendite with local zones of more finge grained gabbroic hornblendite and posslbe alt. sed clasts. The unit contains ~2% diss cpy>po, and is cut by local granite intrusives (73.38-74.02). From 75.00-76.10 the unit is finer grained and more gabbroic and may in fact be an alt. wacke sandstone clast but it does poss trace cpy and po, the lower contact of the unit is quite foliated at ~50tca ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 71.25 - 75.00 CPPO DIS 2 75.00 - 76.10 PY DIS 0.5	1403932	71.25	72.25	1.00	2725	2106	96	0.01	0.08	0.08
			1403933	72.25	73.38	1.13	1623	1010	71	0.01	0.04	0.04
			1403934	73.38	74.02	0.64	62	50	1	0.00	0.02	0.01
			1403935	74.02	75.00	0.98	2160	1466	79	0.01	0.08	0.05
			1403936	75.00	76.10	1.10	1750	1555	78	0.01	0.06	0.05
76.10	84.54	**8t** ***tonalite*** a bit differnt tonalite than typical, it's finer grained more homogenous, and more granodioritic in appearance. It possess a weak lineation, and the upper conact is strongly foliated and silificied with a core axis angle of 48 degrees.The unit is cut by local decimetre scale pegmatitic granite intrusives which comprise ~15% of the unit. A strongly weathered blocky clast of hb-bt alt. clinopyroxenite occurs from 76.95-77.58.	1403937	76.10	77.58	1.48	424	163	29	0.00	0.01	0.01
			1403938	77.58	79.00	1.42	45	37	2	0.00	0.01	0.01
			1403939	79.00	81.00	2.00	34	15	3	0.00	0.01	0.01
			1403940	81.00	83.00	2.00	131	87	7	0.00	0.01	0.01
			1403941	83.00	84.54	1.54	34	13	3	0.00	0.01	0.01

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
84.54	89.31	**7bbm** ***Mineralized Proxenite*** A different clinopyroxenite than above this unit is coarse grain, with large hb alt. clinopyroxene crystals with abundant interstitial plag, could be called a melanogabbro, it contains blebby po-cpy but in lesser amounts that the above clinopyroxenite. The unit is fairly homogenous and not magnetic ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 84.54 - 89.31 POCP BL 2	1403942	84.54	86.00	1.46	2275	1298	96	0.00	0.02	0.02
			1403943	86.00	87.50	1.50	1488	765	79	0.00	0.02	0.02
			1403944	87.50	89.31	1.81	1110	506	68	0.00	0.01	0.02
89.31	91.05	**10g** ***granite*** fairly pink medium grained massive granite with sharp contacts	1403945	89.31	91.05	1.74	61	112	3	0.00	0.01	0.01
91.05	92.36	**7bbm** ***Mineralized Proxenite*** same as 84.54-89.31 ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 91.05 - 92.36 POCP BL 0.5	1403946	91.05	92.36	1.31	881	345	67	0.00	0.01	0.01
92.36	94.53	**10gx** ***granite breccia*** Heterolithic unit with a mix of several phases of late granite intrusives with moderately bt alt. clinopyroxenite and hornblendite clasts. Whitish granite with some remob cpy-po veinlets from 92.36-92.77, mineralized hornblendite from 92.77-93.20, heterolithich granite-tonalite zone from 93.20-93.94 and hornblendite from 93.94-94.53	1403947	92.36	93.20	0.84	2024	1146	68	0.00	0.05	0.04
			1403948	93.20	94.55	1.35	978	726	51	0.00	0.02	0.03

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
94.53	96.85	**10g** ***granite*** m.g. light pink granit. From 96.40 to 96.75 is a f.g. silicified dorite/gabbro phase of the granite	1403949	94.55	96.85	2.30	125	46	7	0.01	0.01	0.01
96.85	98.68	**7bbm** ***Mineralized Proxenite*** same as 84.54-89.31 farily plag rich with locally blebby (~0.5%) po-cpy the last 20cm of the unit has more abundant ~8% remobilized pyrrhotite ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 96.85 - 98.48 POCP BL 0.5 98.48 - 98.68 PO STR 8	1294401	96.85	98.48	1.63	1470	394	68	0.00	0.01	0.01
98.68	104.67	**10gx** ***granite breccia*** Predominatly massive m.g. granodioritic, and local pink pegmatite intrusive with local 0.5-1.0 metre-scale units of tonalite breccia with sed clats and minor hornblendite clasts wich comprise ~25% of the unit. From 98.68-99.26 is a section of tonalitic breccia with a fair amount of pyrrhottite remobilzed as dissemination and narrow stringers (~6%), other section of tonalite breccia occurs from 101.73-102.92 ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 98.68 - 99.26 PO DIS 6	1294402	98.48	99.26	0.78	2200	1058	48	0.00	0.02	0.02
			1294403	99.26	100.26	1.00	92	59	3	0.00	0.01	0.01
			1294404	100.26	102.00	1.74	42	13	3	0.00	0.01	0.01

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
104.67	120.64	**7h** ***hornblendite*** Quite cooked up horblendite with little bt alt. the unit contains enough plag locally to be termed a melanogabbro, the unit hosts local trace to 1% diss po but is otherwise unmineralized. The unit is cut by several cm to m-scale zones of tonalite breccia with largers ones from 107.83-108.08, 111.25-112.96, 115.55-117.00 which comprise ~30% of the unit. The hornblendite and tonalite breccia are also cut by later granite intrusives with large intrusives from 112.10-112.50, 114.56-115.55 and 119.11-119.64 and comprise ~10% fo the unit.										
120.64	126.13	**10g** ***granite*** very pink coarse grained to pegmatitic granite intrusive										
126.13	134.87	**7h** ***hornblendite*** heterogenous, but several sections are similar to the above 104.67-120.64 hornblendite unit. This unit is also cut by cm to dm-scale tonalite breccia which comprises ~15% of the unit, a larger sections of which occurs from 129.00-130.00 and is foliated with a core axis of 47 degrees, small (cm-scale) ganite intrusive also cross cut and comprise ~5% of the unit. From 133.32-134.87 a very f.g. hornblendite bearing unti occurs is very hard and homogenous and may be a fi.g. gabbro or metamorposed clast sediment. This unit has trace to 1% diss po fairly continuously through the unit wtih a local concentration of pyrrhotite near 130m at the contact of with the tonalitic breccia. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 130.00 - 130.36 PO DIS 5	1294405	126.13	127.59	1.46	176	19	29	0.00	0.01	0.01
			1294406	127.59	129.00	1.41	416	28	55	0.00	0.01	0.01
			1294407	129.00	129.86	0.86	49	59	15	0.00	0.01	0.01
			1294408	129.86	130.36	0.50	179	125	38	0.00	0.01	0.01
			1294409	130.36	131.56	1.20	126	97	45	0.00	0.01	0.01

Hole Number **TK-16-003** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1294410	131.56	133.12	1.56	79	199	56	0.00	0.01	0.01
			1294411	133.12	134.87	1.75	156	104	57	0.00	0.01	0.01
134.87	150.00	**8tx** ***tonalite breccia*** Very heterolithic mix of tonalite, cooked up sediment, diorite, gabbro, and hornblendite clasts which are heavily invaded by later granite intrusives. No sulphide mineralization occurs in any of the lithologies. An interesting gabbro to diorite unit occurs from 147-150 which appears to be related to the tonalite. Major late granite intrusives and pegmatites occur from 137.51-138.25, 140.25-140.70, 142.77-145.17 and 147-148.17. 150m is EOH	1294412	134.87	135.87	1.00	44	33	13	0.00	0.01	0.01
			1294413	135.87	137.00	1.13	37	12	5	0.00	0.01	0.01

DRILL HOLE REPORT

Hole Number **TK-16-004** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	0
Dip:	-90
Length:	153
Started:	16-Mar-16
Completed:	18-Mar-16
Logged:	17-Mar-16

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	4203385
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	Neil Pettigrew
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Steve Greiner
Surveyed:	
Surveyed by:	John Fingas
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	no
Multi shot survey:	yes

Comment: Targetting a blind IP chargeability inversion anomaly

Coordinate - Gemcom

East:	604698.9
North:	5421624
Elev.:	385.3

Coordinate - UTM

East:	604698.9
North:	5421624
Elev.:	385.3
Zone:	16
NAD:	NAD83

Deviation Tests

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

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-004** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	1.92	**OVB**	***Overburden/Casing***										
1.92	5.45	**10g**	***granite***										
		pink fine grained granite, with tonalite from 1.92-2.36m											
5.45	12.84	**8t**	***tonalite***										
		medium grained weakly lineated unalt. Tonalite with local zones of finer grain (related?) diorite from 5.45-6.30 and 6.88-7.25m, from 8.24-8.63 a fine grained very homogenous sandstone? Clasts occurs. From 9.58-10.10 a pink granite intrusive occurs											
12.84	24.37	**7h**	***hornblendite***										
		fine grained, a bit variable with local mm-patches fo pink alt. plag from 12.84-15.30, overall the unit contains little plag and only moderate bt alt. no sulphide mineralization what so ever. Tonalite breccia occurs from 15.30-18.86 and 19.38-19.96m and a granite intrusive from 16.40-17.32m											

Hole Number **TK-16-004** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
24.37	25.10	**11s** ***Shear zone*** ductile bt-rich strongly foliated zone, the folitions "twists" on itself suggesting it may be a locallized zone of high strain. The protolith lithology is hornblendite	1294414	24.37	25.49	1.12	122	11	26	0.00	0.01	0.01
25.10	26.67	**10gx** ***granite breccia*** heterogenous zone consisting of white and strongly hem alt. multiphase granite brecciating melanogabbro/plag bearing clinopyroxenite	1294415	25.49	26.67	1.18	174	27	26	0.00	0.01	0.01
26.67	48.75	**7acb** ***Melanogabbro*** This is really a plag-rich medium grained verision of the hb alt. clinopyroxenite unit however it has ~15-20% plag and thus technically should be called a melanogabbro. The unit fairly homogeneous, with rare granite intrusives, but does posses abundant cm-scale tonalite intrusives which brecciate the melanogabbor, overall tonalite accounts for <10% of the unit. The unit is consistently mineralized with trace to 0.5% blebby po-cpy. The unit does display a weak low core angle ~10-15 degrees foliation, which is more a lineation and applears to be related to the lineation observed in the adjacent tonalite. Granite intrusives occur from 29.46-29.63, 36.41-36.76 ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 26.67 - 48.00 POCP BL 0.25	1294416	26.67	28.00	1.33	466	110	56	0.00	0.01	0.01
			1294417	28.00	30.00	2.00	376	116	44	0.00	0.01	0.01
			1294418	30.00	32.00	2.00	552	140	63	0.00	0.01	0.01
			1294419	32.00	34.00	2.00	351	79	50	0.00	0.01	0.01
			1294421	34.00	36.00	2.00	388	94	49	0.00	0.01	0.01
			1294422	36.00	38.00	2.00	467	142	56	0.00	0.01	0.01

Hole Number **TK-16-004** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1294423	38.00	40.00	2.00	546	183	59	0.00	0.01	0.01
			1294424	40.00	42.00	2.00	455	141	53	0.00	0.02	0.01
			1294425	42.00	44.00	2.00	491	189	53	0.00	0.01	0.01
			1294426	44.00	46.00	2.00	463	136	56	0.00	0.02	0.01
			1294427	46.00	48.00	2.00	511	133	62	0.00	0.01	0.01
48.75	61.78	**8tx** ***tonalite breccia*** Hornblendite dominated tonalite breccia, the hornblendite clasts contain trace blebby and diss po-cpy, the hornblendite is medium grained and weakly foliated/lineated, hornblendite comprises ~50% of the unit with moderately folaited/lineated medium grained very fresh looking tonalite making up ~40% of the unit with granite intrusives making up the remaining 10%. Significant hornblendite clasts occur from 50.71-52.43, 55.02-55.40, 56.05-56.95. 57.14-57.54, and 59.23-59.69m. Granite intrusives occur from	1294428	48.00	49.75	1.75	557	146	58	0.00	0.01	0.01
			1294429	49.75	50.71	0.96	183	64	21	0.00	0.01	0.01
			1294430	50.71	52.43	1.72	548	121	60	0.00	0.01	0.01
			1294431	52.43	54.47	2.04	313	75	38	0.00	0.01	0.01
			1294432	54.47	56.05	1.58	63	17	12	0.00	0.01	0.01
			1294433	56.05	57.54	1.49	499	153	61	0.00	0.01	0.01
			1294434	57.54	59.23	1.69	172	85	17	0.00	0.01	0.01
			1294435	59.23	59.69	0.46	774	201	71	0.00	0.01	0.01
			1294436	59.69	61.78	2.09	65	22	16	0.00	0.01	0.01

Hole Number **TK-16-004** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
61.78	66.19	**7acb** ***Melanogabbro*** This unit is related to the clinopyroxenite by has ~15% plag which places it in the melanogabbor catagory. The unit contains trace blebb po-cpy and is fairly homogenous and weakly lineated. All cpx is alt. to hb and the unit contains only weak to mod bt alt. The unit is cut by local <10cm ganite intrusives which comprise <10% of the unit.	1294437	61.78	63.20	1.42	708	274	70	0.00	0.01	0.01
			1294438	63.20	64.75	1.55	598	225	67	0.00	0.02	0.01
			1294439	64.75	66.19	1.44	720	260	77	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 61.78 - 66.19 POCP BL 0.25										
66.19	75.77	**8tx** ***tonalite breccia*** Heterolithic tonalite breccia with numerous torn apart and partially assimilated hornblendite and sediment clasts. A large sed clast occurs from 70.20-70.89. A a significant contact si preserved a sed/hornblendite clast @ 71.52m which shows the hornblendite intrusding and assimilating the clastic sediment	1294441	66.19	67.19	1.00	82	53	20	0.00	0.01	0.01
			1294442	67.19	68.19	1.00	77	9	24	0.00	0.01	0.01
75.77	78.19	**10g** ***granite*** medium grained massive ligth whitish pink with a second more siliceous darker phase from 73.93-78.19	1294443	76.66	77.66	1.00	65	29	10	0.00	0.01	0.01
			1294444	77.66	78.66	1.00	104	119	14	0.00	0.01	0.01
78.19	78.92	**8tx** ***tonalite breccia*** Tonalite breccia with numerous small partiallya assimilated hornblendite clasts. A "fuzzy" partialy assimilated clinopyroxenite/melanogabbro clasts with 0.5% blebby po-cpy occurs from 77.66-79.11	1294445	78.66	79.16	0.50	749	374	67	0.00	0.01	0.01

Hole Number **TK-16-004** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
78.92	84.91	**7h** ***hornblendite*** bit heterolithic unit consisting of fine grained hornblendite, local medium grained gabbro, the coarse gabbroic sections contain trace diss to blebby po-cpy and small po-cpy veinlet occurs @83m. The unit is cut by granite intrusives with larger onces occuring at 81.18-81.98 and 84.32-84.77 comprising ~25% of the unit.	1294446	79.16	81.18	2.02	264	79	41	0.00	0.01	0.01
			1294447	81.18	81.98	0.80	38	13	2	0.00	0.01	0.01
			1294448	81.98	83.37	1.39	289	95	44	0.00	0.01	0.01
			1294449	83.37	84.91	1.54	234	77	41	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 78.92 - 84.91 POCP DIS 0.25										
84.91	88.33	**8tx** ***tonalite breccia*** mix of tonalite breccia and granite intrusives ~50/50. An odd recrystalized banded medium grains (sandstone?) clast occurs from 84.19-85.84	1294450	84.91	85.84	0.93	100	59	20	0.00	0.01	0.01
			1384451	85.84	87.56	1.72	39	12	7	0.00	0.01	0.01
88.33	91.37	**10g** ***granite*** massive medium grained light pink with local strongly hb alt. hornblendite clasts.	1384452	87.56	89.56	2.00	45	11	4	0.00	0.01	0.01
			1384453	89.56	91.37	1.81	880	266	77	0.00	0.01	0.01

Hole Number **TK-16-004** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
91.37	97.07	**15h** ***Mineralized hornblendite*** homogenous, medium grained very melanocratic horblendite with only moderate bt alt. and ~1.5% blebby po-cpy, local interstitial plag also occurs. The sulphide content and the interstital plag content increase after 95.23 to ~5-6% both as disseminations and blebs. A zone of tonalite breccia occurs from 95.97-96.17 which posesses some remob diss po ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 91.37 - 95.23 POCP BL 1.5 95.23 - 97.07 POCP DIS 6 both diss and blebby	1384454	91.37	92.50	1.13	80	19	4	0.00	0.01	0.01
			1384455	92.50	94.00	1.50	1448	843	89	0.00	0.02	0.02
			1384456	94.00	95.23	1.23	1242	628	73	0.00	0.01	0.02
			1384457	95.23	95.90	0.67	2302	1380	99	0.00	0.03	0.03
			1384458	95.90	96.40	0.50	2573	2114	95	0.00	0.05	0.04
			1384459	96.40	97.10	0.70	7737	2530	140	0.00	0.04	0.09
97.07	102.54	**7h** ***hornblendite*** This unit more heterogenous consisting of fine grained hornblendite to melanogabbo as well as medium grain more medium grained more typical hornblendite, trace diss po occurs in the more m.g. hornblendite phases but overall the unit is unmineralized. This unit is also heavy invaded by tonalite breccia which comprises ~30% of the unit. Larger zones of tonalite breccia occur from 97.07-97.58, 98.66-99.20, and 100.12-100.70. In fact this is really just clast dominated tonalite breccia which grades into more matrix dominated breccia below	1384461	97.10	97.82	0.72	352	158	36	0.00	0.01	0.01
			1384462	97.82	99.20	1.38	171	55	34	0.00	0.02	0.01
			1384463	99.20	100.70	1.50	207	75	41	0.00	0.01	0.01
			1384464	100.70	102.41	1.71	198	87	44	0.00	0.02	0.01

Hole Number **TK-16-004** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
102.54	131.53	**8tx** ***tonalite breccia*** A hterolithic unit but with fewer diversity of clasts than is often typical. Clasts are dominated by a fine grained gabbroic looking "amphibolite" which may he an amphibolite facies re-crystalization of a partially assimilated mafic volcanics, some clasts also apepar to be clastic sedimetns and fine to medium grained RJ intrusion hornblendite clasts are also common. Overall the unit is ~50% medium grained weakly foliated tonalite matrix and ~50% clasts. The unit is also cut by granite itnrusions, larger ones occcur from 104.45-105.06, 106.56-107.63, 112.17-112.52, 113.35-114.77, 116.21-116.67, and 128.54-139.76 which comprise ~20% of the overal unit..	1384465	102.41	104.00	1.59	285	95	41	0.00	0.02	0.01
			1384466	104.00	106.00	2.00	59	19	15	0.00	0.02	0.01
131.53	138.57	**10g** ***granite*** Massive find to medium grained pinkish granite with sharp contacts. A clast of tonalite breccia with hornblendite clasts occurs from 136.24-136.83										
138.57	146.60	**7h** ***hornblendite*** Very cooked up medium grained hornblendite with little to no biotite retrograde alt. Trace diss po occurs locally but otherwise the unit is unmineralized. From 138.57- occurs and interesting "amphibolite unit consisting of bands of interconencted bands of coarser hornblendite in a finer more gabbroic matrix, a cooked up mafic volcanic or sed? This unit shares an interesting erratic apparently intrusive contact with the medium grained hornblendite, this may be a preserved relic of the original contact fo the Tyko intrusion. The unit is cut by later granite intrusives from 141.24-141.36 and 144.64-145.21. In additon the unti is cut by weakly foliated (hence pre granite) fine grained gabbro intrusives ffrom 142.22-142.80 and 144.26-144.64.										

Hole Number **TK-16-004** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
146.60	153.00	**8tx** ***tonalite breccia*** Similar to the above 102.54-131.53 tonalite breccia unit. But with more tonalite matrix an interesting fine grained gabbro clast (same fine grain gabbro which cuts the above hornblendite) occurs from 149.72-150.68. 153m is EOH										

DRILL HOLE REPORT

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	30
Dip:	-90
Length:	147
Started:	20-Mar-16
Completed:	21-Mar-16
Logged:	06-Apr-16

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	Jessie Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Steve Greiner
Surveyed:	
Surveyed by:	John Fingas
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	

Comment: targeting a weak, blind IP inversion anomaly to the SE of the main RJ showing

Coordinate - Gemcom

East:	604715.1
North:	5421460.6
Elev.:	379.13

Coordinate - UTM

East:	604715.1
North:	5421460.6
Elev.:	379.13
Zone:	16
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	30.00	-90.00	C	☑	
15.00	314.10	-89.10	EZ	☑	mag - 56023
57.00	98.90	-89.30	EZ	☑	mag - 55892
105.00	307.60	-89.50	EZ	☑	mag - 56103

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	1.50	**OVB** ***Overburden/Casing***										
1.50	11.00	**10ac** ***Granite*** pink and orange, coarse grained with pegmatitic patches, massive, nonmagnetic and nonmineralized granite. Subunit - 5-5.25m nonmineralized and nonmagnetic, dark green, fg-mg, massive hornblendite.										
11.00	18.28	**7h** ***Hornblendite*** dark and light green "mottled", mg, pervasive moderate to strong biotite altered hornblendite with small interval of pyroxenite near top of unit and altered tonalite near the bottom contact with pink granite. Nonmagnetic and trace blebby Cpy and disseminated Py. Visible fg -mg hornblend and biotite grains catch light on the surface of the core. Small plag "clots" and several irregular habit whispy veins cut core.Subunits - 12.88-13.84 coarse grained, green, moderate hardness, talc and biotite altered pyroxenite unit showing poikiolitic texture with trace blebby Cpy and nonmagnetic, hornblende alt to pyroxenes. 17.49-18.28 strongly altered white/green, coarse grained tonalite, seems like the groundmass has been altered by green hornblende with minor biotite with large coarse grained subhedral plag. Several plag rich veins are deformed and folded and almost looks like a partial melt zone.	1306347	11.00	12.00	1.00	517	64	59	0.00	0.01	0.01
			1306348	12.00	13.00	1.00	656	84	69	0.00	0.01	0.01
			1306349	13.00	14.00	1.00	696	61	56	0.00	0.01	0.01
			1306350	14.00	15.00	1.00	490	48	35	0.00	0.01	0.02
			1306351	15.00	16.00	1.00	679	115	63	0.00	0.01	0.01
			1306352	16.00	17.00	1.00	662	89	65	0.00	0.01	0.03
			1306353	17.00	18.00	1.00	290	25	44	0.43	0.01	0.01

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
11.00 - 18.28	CP BL 0.1	
11.00 - 18.28	PY DIS 0.1	

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1306354	18.00	18.50	0.50	77	11	10	0.00	0.01	0.01
18.28	20.66	**10ac** ***Granite*** orange and marbled pink and white coarse grained massive granite with pegmatitic patches. Unit is nonmineralized with visible grains of magnetite <1%.										
20.66	28.42	**10aax** ***Tonalite breccia*** coarse grained green and white with patches of strong biotite alt making it appear dark grey in places, massive, tonalite breccia. Looks almost like an igneous breccia in places with small clasts (1-2cm) subangular xenoliths of green hornblendite or small rounded elongate blobs of hornblendite.	1306355	21.00	22.00	1.00	113	55	17	0.00	0.01	0.01
			1306356	22.00	23.00	1.00	101	75	20	0.00	0.01	0.01
28.42	31.52	**7hbt** ***Biotite-rich hornblendite (>10%)*** light green, mg, massive, nonmagnetic hornblendite with trace subhedral Py and blebby Cpy <1%. Euhedral to subhedral mg hornblende often showing distinct amphibole cleavage and black mg biotite set into a groundmass of aphanetic green amphiboles and chlorite? Intense biotite alteration near lower planar contact (35-4 TCA) with small tonalitic intrusive.	1306357	28.00	29.00	1.00	627	102	44	0.00	0.01	0.01
			1306358	29.00	30.00	1.00	824	51	57	0.01	0.02	0.02
			1306359	30.00	31.00	1.00	649	56	55	0.00	0.01	0.02
			1306361	31.00	32.00	1.00	795	12	60	0.05	0.02	0.02

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
28.42 - 31.52	CP BL 0.1	
28.42 - 31.52	PY DIS 0.1	

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
31.52	31.74	**10ac** ***Granite*** beige massive mg felsic nonmineralized and nonmagnetic intrusive with a pinkish hue, granodiorite?. This vein splits the hornblendite from the pyroxenite below. Upper contact with hornblendite is roughly planar and runs at 30 TCA while lower contact with pyroxenite is lighly irregular in habit and runs roughly 60-70 TCA. Contains a small 3cm elongate intensly biotite altered hornblendite xenolith											
31.74	34.90	**7bba** ***Clinopyroxenite*** coarse grained, light green, soft, massive, weakly mineralized clinopyroxenite. patchy moderate magnetite occuring as an alteration of pyroxenes. Large dark grey/purple remnant altered pyroxene, strong talc in the groundmass makes core soft and soapy feeling. Large coarse grained subhedral dark brown mineral have almost been completely replaced by biotite. Intense biotite alteration at 33m along a small fracture zone.	1306362	32.00	33.00	1.00	1137	6	86	0.00	0.01	0.01
			1306363	33.00	34.00	1.00	1112	114	83	0.00	0.01	0.02
			1306364	34.00	35.00	1.00	1042	82	69	0.00	0.01	0.02
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 31.74 - 34.90 CP BL 0.1 31.74 - 34.90 PY DIS 0.1										
34.90	35.90	**10ac** ***Granite*** coarse grained, marbled pink and white, massive granite with small peg vein. Coarse grained subhedral py is hosted within peg zone, <1%	1306365	35.00	36.00	1.00	117	14	6	0.00	0.01	0.01

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
35.90	36.28	**7hbt** ***Biotite-rich hornblendite (>10%)*** dark green and black, mg, massive hornblendite. Nonmineralized and nonmagnetic with strong pervasive biotite alteration becoming intense at the lower contact with granodiorite/tonalite. 40% mg euhedral to subhedral hornblende grains with the rest made up of biotite and aphanetic green amphiboles.										
36.28	37.10	**10ab** ***Granodiorite*** dark grey with pinkish hue, mg granodiorite with a small peg vein. No mineralization and nonmagnetic. Unit shows a weak lineation running almost parallel to core axis that increases toward lower, irregular habit contact with hornblendite.	1306366	36.00	37.00	1.00	149	18	14	0.00	0.01	0.01
37.10	40.14	**7bb** ***Pyroxenite (unsubdivided)*** light green, mg, massive, weakly poikilitic, weakly mineralized pyroxenite. Weakly pitted surface localized to lower contact with hornblendite. Moderate to strong pervassive uralitization. Poikilitic texture observed in plag and hbl, Pyx and Hbl. Lower contact with hornblendite is planar and runs about 70 TCA.	1306367	37.00	38.00	1.00	603	16	45	0.00	0.01	0.02
			1306368	38.00	39.00	1.00	824	272	60	0.00	0.01	0.01
			1306369	39.00	40.00	1.00	637	38	47	0.00	0.01	0.01

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
37.10 - 40.14	PY BL 0.1	
37.10 - 40.14	POCP BL 0.1	found largely within a small band containing Po>Cpy

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
40.14	41.84	**7hbt** ***Biotite-rich hornblendite (>10%)*** dark grey/green, massive, nonmineralized hornblendite. Visible mg euhedral to subhedral hornblende and fg needles of black amphibole and pervasive moderate biotite alt. Nonmagnetic. Sharp planar lower contact with granite runs about 70 TCA.	1306370	40.00	41.00	1.00	247	83	45	0.00	0.01	0.01
			1306371	41.00	42.00	1.00	149	41	43	0.00	0.01	0.01
41.84	54.14	**10acx** ***Granite breccia*** multiphase heterolithic Cg granite breccia.Granites range from an early phase weakly foliated pink and black granodiorite to a cg black and white hornblende tonalite. Igneous intrusive to mafic clast 80/20. clasts are of altered hornblendite with whispy veins of quartz/plag and biotite. All units are nonmineralized and nonmagnetic. Subunits - 43.13-43.26 a small clast of fg, dark grey, amphibolite with small fg needles of amphibole and biotite, nonmineralized and nonmagnetic. 44.7-45.5 light green, mg, biotite/chlorite altered honblendite. This unit is riddled with tonalitic material "bleeding" into the hornblendite clast in iregular whisps almost looking like flames running roughly along the core axis, nonmineralized and nonmagnetic.										
54.14	55.67	**10ac** ***Granite*** fg, pink/orange, massive granite. Nonmineralized and nonmagnetic. Lower contact is sharp and planar and in contact with Cg hornblende tonalite										
55.67	56.20	**10aa** ***Tonalite***										

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		black/dark green and white coarse grained hornblende biotite tonalite. Subunits - 55.97 - 56.08 small, dark grey/black, fine grained amphibolite with needles of amphiboles visible on surface of core. Mineralization consists of fine grained disseminated blebs of Cpy/Po localized to the amphibolite clast with about .5%. .										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		55.96 - 56.08 POCP ws 0.5										
56.20	60.46	**7bbm** ***Mineralized Proxenite***	1306372	55.90	57.00	1.10	414	156	52	0.00	0.01	0.01
		this unit starts out at the top of the interval with a weakly Cpy <1% mineralized green mg massive hornblendite sitting above a Cg poikilitic and weakly Cpy <1% mineralized light and dark green pyroxenite. These two units are seperated by a small vein of tonalitic intrusive which appears nonmineralized and nonmagnetic. Subunits - 56.2-56.7 - green, mg, massive hornblendite with trace disseminated blebby Cpy .1%. Unit is nonmagnetic with visible grains of hornblende on surface and moderate pervasive biotite alteration. 57.18-60.36 med grained, dark green, massive, weakly mineralized with .1% blebby Cpy, pyroxenite. This unit has several patches where the groundmass has been altered to a light green making the dark grey/black amphiboles (hbl) really stand out. Unit shows a weak poikilitic texture.	1306373	57.00	58.00	1.00	454	20	37	0.00	0.03	0.01
			1306374	58.00	59.00	1.00	508	20	50	0.00	0.02	0.02
			1306375	59.00	60.00	1.00	575	52	52	0.00	0.03	0.04
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	1306376	60.00	60.50	0.50	369	18	45	0.00	0.01	0.01
		56.20 - 60.46 CPPO DIS 0.1										
60.46	70.82	**10ac** ***Granite***	1306377	60.50	61.00	0.50	51	6	1	0.00	0.01	0.01
		multiphase granite, variable grainsize ranging from fg dark grey to coarse grained and pegmaititic massive pink and white granite. Nonmineralized with only trace amounts of visible magnetite disseminated throughout.										

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
70.82	71.86	**7hm** ***Mineralized hornblendite*** dark green, mg, massive hornblendite. Similar to previous descriptions. Pervasive moderate biotite and chlorite alteration. Weak <1% Cpy blebs disseminated throughout clast. 1% porosity indicated by small pits on the surface of the core. Small section near lower contact of coarse grained poikilitic pyroxenite 10cm. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 70.82 - 71.86 CPPO DIS 0.1 Cpy dominant	1306378	70.80	72.00	1.20	556	160	60	0.00	0.01	0.01
71.86	72.66	**10ac** ***Granite*** pink, massive, mg, granite. Nonmineralized and nonmagnetic	1306379	72.00	73.00	1.00	291	69	29	0.00	0.02	0.01
72.66	76.39	**7hm** ***Mineralized hornblendite*** light green,mg,massive, hornblendite breccia with tonalite intrusives, clasts making up 90% of the unit. Hornblendite is mineralized with disseminated (1% Cpy/Po/Py), pervasive weak mag. Unit is cut by a few planar granitic/tonalitic sharp walled veins and some whispy irregular habit veinlets and veins of tonalitic int. Mineralization is confined to the mafic clasts with the exception of trace euhedral Py in the some of the tonalitic intrusive. Subunits - 74-74.15, 74.92-75.2 black/green and white cg hornblende tonalite with weak to mod pervasive cg biotite alteration. Nonmineralized and nonmagnetic. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 72.66 - 76.39 CP DIS 0.25	1306381	73.00	74.00	1.00	298	135	64	0.00	0.01	0.01
			1306382	74.00	75.00	1.00	421	51	50	0.00	0.01	0.01
			1306383	75.00	75.68	0.68	631	114	60	0.00	0.01	0.01
			1306384	75.68	76.39	0.71	1054	166	82	0.00	0.03	0.08

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		72.66 - 76.39 POPY DIS 0.75										
76.39	76.78	**10ac** ***Granite*** fine grained, pink, massive granite. nonmineralized and weak disseminated fg magnetite <1%. sharp planar upper and lower contacts at around 70 TCA.	1306385	76.39	77.00	0.61	61	33	10	0.01	0.01	0.01
76.78	78.55	**7bba** ***Clinopyroxenite*** this unit is a highly brecciated,light grey/green pyroxenite with strong pervasive talc alteration and trace disseminated euhedral to subhedral fg Py and trace blebby Cpy. Unit is pervasively weak to moderatly magnetic prob an alt product with the talc. Intense biotite alteration surrounding the margins of the pyroxenite hosted in deformed hornblendite/tonalite.	1306386	77.00	78.00	1.00	936	44	63	0.00	0.01	0.01
			1306387	78.00	79.00	1.00	144	24	15	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 76.78 - 78.55 CP BL 0.1 76.78 - 78.55 PY DIS 0.1										
78.55	81.00	**10ac** ***Granite*** pink, fg, massive, nonmineralized granite. Trace flecks of magnetite throughout.subunit 80.65-80.77 Small clast of nonmineralized mg hornblendite.lower contact with pyroxenite almost runs parallel to the core axis for the last 30cm of the interval.										

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
81.00	83.14	**7bb** ***Pyroxenite (unsubdivided)*** this unit is a mixed green mg/cg poikilitic pyroxenite and dark green/dark grey strong biotite altered hornblendite.interval is nonmagnetic and nonmineralized/ Subunits - 81.7-81.9 pink coarse grained nonmineralized granite with weak mag localized to fracture plane.	1306388	81.00	82.00	1.00	331	33	44	0.00	0.01	0.02
			1306389	82.00	83.00	1.00	622	14	52	0.00	0.01	0.01
83.14	83.71	**10ac** ***Granite*** marbled pink and beige cg granite. Nonmineralized and nonmagnetic	1306390	83.00	84.00	1.00	360	19	29	0.00	0.01	0.01
83.71	89.24	**7hx** ***Hornblendite breccia*** unit is actually a mixed and brecciated dark green/grey mg hornblendite and cg pyroxenite unit with granitic intrusives cutting and penetrating into the mafic clasts at random highly irregular orientations. There may be a fault zone at around 86m indicated by increased frequency of fractures and a light green clay seam, possibly fault gouge surrounded by brecciated and whispy granitic intrusives and clasts, see photo in core photo record folder.calcite alteration following fractures throughout this zone.	1306391	84.00	85.00	1.00	615	46	46	0.01	0.01	0.01

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
89.24	91.84	**10acx** ***Granite breccia*** marbled pink and white, cg, massive granite. Nonmineralized with <1%, fg-mg euhedral magnetite disseminated throughout. There is as corner of a nonmineralized horblendite at 90.2m. Subunit - 91.48-91.68 nonmineralized, light green, mg, massive hornblendite with weak biotite alteration.										
91.84	94.16	**7hx** ***Hornblendite breccia*** this unit is a strongly brecciated heterolithic hornblende breccia with tonalitic intrusive forming the matrix. Clasts are dominantly dark green nonmineralized, angular to subangular hornblendite with mg-cg euhedral to subhedral dark green hornblende and other dark grey black fg amphiboles with a light green groundmass. Small cm scale fragments of amphibolite also present although minor amounts. Biotite alteration is pervasive but variable, strongest near whispy altered tonalite intrusives.										
94.16	95.14	**10a** ***Granitic Rocks (unsubdivided)*** this short interval is dominantly nonmineralized granitic intrusives with a small amount of hornblendite clast near the bottom. Sharp planar upper contact with hornblendite is almost 90 TCA. Unit begins with a cg slighly pink granodiorite with trace euhedral Py which grades into a cg pink massive granite, both nonmagnetic. Subunit - 94.66-95.14 alterered tonalitic intrusive with whisps of biotite altereation and hornblende, this may be a partial melt or mixing zone. There are a few small smokey quartz fragments within unit.										

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
95.14	116.76	**10aax** ***Tonalite breccia*** heterolithic tonalite breccia, intrusive to clast 20/80. Clasts made up by 75% green, mg biotite alt hornblendite/20% Cg light green grey pyroxenite/minor5% dark grey/black fg amphibolite clasts. Range in size from small angular cm scale to decimeter scale, angular to subangular clasts. Mafic clasts make up about 80% of the unit. Matrix ranges from pervasively strong to moderate biotite altered, whispy irregular white and beige, cg tonalitic intrusive to a few larger dark grey more clast poor tonalite. Breccia hosts trace .1% Py/Po/Cpy mineralization often localized to mafic clasts with minor min in the tonalitic margins of clasts. Mag is localized to mafic clasts, of note is strongly magnetic mineralized amphibolite and weak pervasive mag in an talc altered clinopyroxenite clast. Strong biotite alt in black bands often surrounding hornblendite clasts in contact with tonalite. Lower contact is dominated by strong biotite altered Cg hornblende tonalite. Subunits -107.18-107.8 pervassive strong talc altered, nonmineralized and weakly magnetic coarse grained, massive clinopyroxenite. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 95.14 - 96.38 CPPO BL 0.1 pyrrhotite is dominant and now magnetic 98.16 - 116.76 PY DIS 0.1 98.16 - 116.76 CPPO BL 0.1 pyrrhotite dominant, small blebs and flecks. Cpy often alone as small blebs occasionally localized to small clasts of Hbl. Occasionally min is controlled along remnant bedding planes within small clasts of seds/amphibolite, strongly magnetic here.

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1306392	99.00	100.00	1.00	192	16	28	0.00	0.01	0.01
1306393	100.00	101.00	1.00	544	18	39	0.00	0.01	0.01
1306394	101.00	102.00	1.00	190	74	37	0.00	0.02	0.01
1306395	102.00	103.00	1.00	233	64	40	0.00	0.01	0.01
1306396	103.00	104.00	1.00	289	103	54	0.00	0.01	0.01
1306397	104.00	105.00	1.00	210	106	43	0.00	0.01	0.01
1306398	105.00	106.00	1.00	322	50	46	0.05	0.01	0.01
1306399	106.00	107.00	1.00	226	23	43	0.01	0.01	0.01
1383651	107.00	108.00	1.00	682	121	59	0.00	0.01	0.01
1383652	108.00	109.00	1.00	195	29	27	0.00	0.01	0.01
1383653	109.00	110.00	1.00	367	12	38	0.00	0.01	0.01
1383654	110.00	111.00	1.00	227	9	35	0.00	0.01	0.01
1383655	111.00	112.00	1.00	304	4	39	0.00	0.01	0.01
1383656	112.00	113.00	1.00	147	46	25	0.00	0.01	0.01

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1383657	113.00	114.00	1.00	147	8	19	0.00	0.02	0.01
			1383658	114.00	115.00	1.00	85	12	16	0.00	0.01	0.01
			1383659	115.00	116.00	1.00	283	21	36	0.00	0.01	0.01
			1383660	116.00	117.00	1.00	429	12	40	0.00	0.02	0.01
116.76	119.87	**10ac** ***Granite***										
		variable grainsize, massive, marbled pink and white, weakly magnetic granite with small localized veins/patches of peg. Fg euhedral magnetite homogeneously distributed throughout grantie <1%. Nonmineralized with the exception of fg euhedral Py <1%.uppercontact with Hbl clast and lower contact with strongly biotite altered Hbl are both sharp and planar running around 80 TCA.										
119.87	122.58	**7bb** ***Pyroxenite (unsubdivided)***										
		brecciated dark green mg-cg pyroxenite with patches of a light green alteration to groundmass. Nonmagnetic and nonmineralized. Intrusive veins and are beige fg tonalitic and pink mg-cg granite. Intrusive to clast 35/65. upper and lower contacts are with pink, massive cg granite.										
122.58	123.80	**10ac** ***Granite***										
		mg-cg pink and white, massive granite, there are a couple of small veins of peg with fg disseminated subhedral magnetite. Upper contact is sharp and runs around 35% TCA and lower is sharp and around 80 TCA. Subunit -123.26-123.37 small tonalitic vein with subangular xenoliths of nonmineralized Hbl.										

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		122.58 - 123.80 PY DIS 0.1										
123.80	133.82	**10aax** ***Tonalite breccia***	1383661	123.80	125.00	1.20	261	29	35	0.00	0.01	0.01
		heterlithic multiphase granitic breccia with white tonalitic phases dominating the matrix of the breccia, intrusives are nonmineralized and nonmagnetic. Coarse grained light and dark green nonmineralized pyroxenite dominate the lithology of the clasts with minor amounts of mod biotite altered dark green hornblendite. Unit is heavily brecciated and cross cut witth several tonlalitc intrusives and veins. Intrusive to clast 60\40. Clasts range in size from just under a meter to small angular to subangular clasts only 2-3 cm long. Subunits - 127.8-128.34, 128.65-129.17, 129.42-129.67 massive and competent cg granitic intrusives. White to pinkish with few small peg zones. Sharp contacts with surrounding tonalite breccia. Nonmagnetic and nonmineralized.	1383662	125.00	126.00	1.00	366	21	40	0.00	0.01	0.01
			1383663	126.00	127.00	1.00	423	8	36	0.00	0.02	0.01
			1383664	127.00	128.00	1.00	369	8	36	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	1383665	128.00	129.00	1.00	196	6	13	0.00	0.01	0.01
		123.80 - 133.82 POPY Frag 0.1 largely confined to smaller clasts of deformed and partially assimilated fragments of hornblendite and amphibolite within the breccia, weakly magnetic	1383666	129.00	130.00	1.00	410	10	26	0.00	0.02	0.01
			1383667	130.00	131.00	1.00	193	7	24	0.00	0.03	0.01
			1383668	131.00	132.00	1.00	145	52	26	0.00	0.03	0.01
			1383669	132.00	133.00	1.00	419	6	31	0.00	0.02	0.01
			1383671	133.00	134.00	1.00	279	14	29	0.00	0.02	0.01

Hole Number **TK-16-005** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
133.82	143.70	**10ab** ***Granodiorite*** this unit is a massive, competent, pink and white with a light greenish hue, mg-cg granodiorite with small veins of peg. Fg subhedral to euhedral magnetite homogeneously disseminated throughout unit making it weakly mag overal. Nonmineralized.	1383673	135.00	136.00	1.00	644	7	44	0.00	0.02	0.01
			1383672	134.00	135.00	1.00	849	39	50	0.00	0.02	0.01
			1383674	136.00	137.00	1.00	449	5	33	0.00	0.02	0.01
143.70	147.00	**10aax** ***Tonalite breccia*** dark green/grey and beige tonalite breccia with strong biotite alt to the hornblende in the tonalite. Clasts are dominantly biotite altered mg, nonmineralized green hornblendite with a small clast of amphibolite near the bottom of the hole. Bottom of the unit look gneissic with a strong strong lineation/fol seen in the mafics/Hbl with fg disseminated Py 0.1%.subunits - 144.16-114.31 dark green, mg, med biotite alt hornblendite. 147 is EOH										

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

143.70 - 147.00 PY DIS 0.1

DRILL HOLE REPORT

Hole Number **TK-16-006** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	135
Dip:	-45
Length:	108
Started:	19-Mar-16
Completed:	20-Mar-16
Logged:	25-Mar-16

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	3012938
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	Jessie Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Neil Pettigrew
Surveyed:	yes
Surveyed by:	John Fingas
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	no
Multi shot survey:	yes

Comment: Undercut of NAP hole TK-05-001

Coordinate - Gemcom

East:	605347.1
North:	5420370.7
Elev.:	345.63

Coordinate - UTM

East:	605347.1
North:	5420370.7
Elev.:	345.63
Zone:	16
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	135.00	-45.00	C	☑	
66.00	140.60	-45.00	EZ	☑	mag field - 56098

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-006** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	2.17	**OVB**	***Overburden/Casing***										
2.17	9.95	**10acx**	***Granite breccia***	1384467	7.90	8.95	1.05	90	42	2	0.00	0.01	0.01
		Granite breccia. 60% medium grained multiphase granite. 20% Pegmatitic. 20% granite / Tonalitic clasts.		1384468	8.95	9.95	1.00	166	24	16	0.00	0.01	0.01
9.95	12.29	**7h**	***Hornblendite***	1384469	9.95	11.00	1.05	1173	68	84	0.00	0.01	0.01
		Protolith: Massive medium grained clinopyroxenite. Currently is a medium grained, fairly homogenous, hornblendite w/ moderate retrograde biotite alteration. No mineralization but is related to the Tyko intrusive.		1384470	11.00	12.29	1.29	699	121	67	0.00	0.01	0.01

Hole Number **TK-16-006** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
12.29	18.55	**10acx** ***Granite breccia*** Multiphase granite breccia. 40% granite, 30% Tonalitie (silicified, chloritic alteration. Some whispy fabric. Locally grades to diorite). Tonalite clasts occur from 12.29 to 12.90, 15.54 to 16.01 and 17.33 to18.10. 30% Hornblendite (clast from 14.45 to 15.54, intense biotite alteration). No mineralization. Related to Tyko Intrusion.
18.55	36.66	**7bbm** ***Mineralized Proxenite*** Medium grained pyroxenite. Appears to have been rich in orthopyroxene or olivine. Altered to talc, clorite, carbonate, minor biotite and hornblende. Unit is surprisingly massive. Consistantly mineralized with blebby chalcopyrite ranging from 1% up to 15%. Unit is cut by several decimeter sized mineralized dykes/intrusives. Mineralization consists of desseminated and fracture filled chalcopyrite / some pyrite with in some dykes containing up to 10% sulphide. Sulphides are often surrounded by a millimeter thick, greenish halo. Dykes are surrounded by 1-3cm of intense biotite alteration of the pyroxenite. Subunits: 1) Mineralized granitic dykes from 19.03 to 19.56, 21.00 to 21.19, 22.28 to 22.93, 23.11 to 23.24, 24.00 to 24.25, 24.70 to 24.82, 25.54 to 25.76, 26.02 to 26.50, 28.93 to 29.31, 32.00 to 32.78, 34.95 to 35.10 and 35.90 to 36.00. Note that granitic intrusives represent roughly 20% of the unit. 2) Intersting clast from 27.21 to 27.75 which is very fine grained melanocratic with very strong biotite alteration along its contact, possibly a gabbro / sediment which containes trace dessimentated pyrite.

Mineralization Maj. :	*Type/Style/%Mineral*			*Comment*
18.55 - 19.30	PO	DIS	0.25	
19.30 - 21.00	PO	DIS	0.5	may be small portion of pyrite as well
21.19 - 22.28	PO	DIS	0.25	
22.28 - 23.24	CP	DIS	3	also some pyrite present. Mineralization has been remobilized into granite intrusives with locally up to 15% sulphide.

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1384471	12.29	13.05	0.76	155	37	16	0.00	0.01	0.01
1384472	13.05	14.45	1.40	208	11	16	0.00	0.01	0.01
1384473	14.45	15.54	1.09	1041	21	73	0.00	0.01	0.01
1384474	15.54	16.56	1.02	480	16	29	0.00	0.01	0.01
1384475	16.56	17.83	1.27	50	10	2	0.01	0.01	0.01
1384476	17.83	18.55	0.72	181	75	9	0.01	0.01	0.02
1384477	18.55	20.00	1.45	1077	86	85	0.00	0.01	0.02
1384478	20.00	21.19	1.19	1136	380	90	0.01	0.01	0.02
1384479	21.19	22.28	1.09	1315	207	82	0.00	0.01	0.02
1384481	22.28	23.24	0.96	3814	2688	63	0.02	0.06	0.13
1384482	23.24	23.88	0.64	8790	4480	173	0.03	0.25	0.27
1384483	23.88	24.79	0.91	5611	6742	111	0.04	0.11	0.18
1384484	24.79	25.54	0.75	10445	8292	206	0.04	0.22	0.33
1384485	25.54	26.50	0.96	5167	2655	96	0.02	0.15	0.18

Hole Number **TK-16-006** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology			Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		23.24 - 23.87	CP BL 5	blebby to disseminated, chalco rich,	1384486	26.50	27.21	0.71	12350	4494	207	0.03	0.28	0.43
		24.00 - 24.25	CP STR 7	remobed into the granite intrusives.										
		24.25 - 24.70	CP DIS 7		1384487	27.21	27.75	0.54	192	192	35	0.00	0.01	0.02
		24.70 - 24.82	CP DIS 5	remobed into the granite										
		24.82 - 25.54	CPPO DIS 7	chalco dominant, with some blebby chalco near lower contact with granite intrusive	1384488	27.75	28.93	1.18	12929	4463	207	0.02	0.35	0.49
		25.54 - 25.76	CP DIS 2	the chalco has again been remobed into granite										
		25.76 - 26.02	CPPO DIS 4	perhaps more Po dominant interval.	1384489	28.93	29.38	0.45	2655	4658	54	0.02	0.07	0.13
		26.02 - 26.50	CP STR 2.5	remobed into the granites										
		26.50 - 27.21	CP BL 6	blebs with irregular fuzzy (difuse) boundaries	1384490	29.38	30.00	0.62	17616	7755	279	0.03	0.40	0.63
		27.75 - 28.93	CP BL 8	again more of a fuzzy boundary in the blebs										
		28.93 - 29.38	CP DIS 2	pyrite is also present within this interval in minor amounts	1384491	30.00	31.00	1.00	15347	7665	238	0.03	0.41	0.63
		29.38 - 32.00	CP BL 10	again the blebs have irregular fuzzy boundaries										
		32.00 - 32.73	CP STR 4	remobed into the granite intrusive	1384492	31.00	32.00	1.00	13260	6648	255	0.03	0.37	0.55
		32.73 - 34.95	CP BL 9	again blebs with fuzzy boundaries										
		34.95 - 35.10	CP DIS 5	remobed into the granites	1384493	32.00	32.73	0.73	4848	2933	102	0.02	0.19	0.18
		35.10 - 36.16	CP BL 6	fuzzy blebs										
		36.16 - 36.66	CP Net 17	nonmagnetic pyrrhotite or pentlandite? Blebby and interstitial	1384494	32.73	33.82	1.09	15283	6463	251	0.02	0.40	0.70
					1384495	33.82	34.95	1.13	11674	6344	233	0.02	0.34	0.50
					1384496	34.95	36.16	1.21	6539	5047	139	0.03	0.19	0.31
					1384497	36.16	36.66	0.50	17891	8706	534	0.02	1.03	1.27

Hole Number **TK-16-006** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
36.66	52.58	**10acx** ***Granite breccia*** this granite breccia is a little different than upper interval, 40% granite, 40% amphibolite clasts, 20% tonalite clasts, amphibolite is a fairly fresh dark green, elongate amphibole, possibly metamorphosed mafic volcanic, nonmineralized, locally records intense folding which may be pre tonalite intrusion or a result of deformation during the tonalite intrusion, tonalite clasts themselves have been weakly silicified and hematite altered. Subunits: 37.70-37.99 mineralized pyroxenite with about 5% sulphide, 39.15-40.23 amphibolite possibly altered mafic volcanic, 44.16-44.49 amphibolite which records strong folding with fold axis at high angle to core axis,49.05-50.01 fine to medium grained greenish hornblendite w/ moderate pervasive biotite alteration grading in intensity towards granitic contact, 50.69-50.82, 50.9-51.88, 52.2-52.58 same as previous hornblendite with less biotite,	1384498	36.66	37.65	0.99	1337	1584	27	0.01	0.04	0.07
			1384499	37.65	38.14	0.49	6999	2495	128	0.02	0.39	0.38
			1384801	38.14	39.15	1.01	289	449	8	0.01	0.02	0.03
			1384802	39.15	40.23	1.08	1255	511	76	0.00	0.06	0.08
			1384803	40.23	41.52	1.29	95	53	6	0.00	0.01	0.01
			1384804	41.52	43.00	1.48	225	63	24	0.00	0.01	0.01
			1384805	43.00	44.49	1.49	197	137	24	0.00	0.01	0.01
52.58	55.95	**10acx** ***Granite breccia*** another granite breccia which is again different make up from the above interval. This unit is roughly 40% pegmatitic granite 35% altered tonalite 15% biotite altered nonmineralized hornblendite and 10 granodiorite and quartz vein. Subunits - 54.0-55m pegmatitic pink massive granite has sharp planar upper and lower contact with small bleb of pyrite rimming a small clast (<1cm) of hornblendite. 52.62-52.9 breccia made up of largely strongly altered tonalite clasts with very strong biotite altereation present near upper contact and found rimming the tonalite clasts with the clasts having a very irregular sometimes whispy habbit.55.04-55.17 fine grained, light blue/grey non mineralized amphibolite with a weak lineation defined by biotite.55.35-55.95 deformed tonalite with several small deformed hornblendite xenoliths or clasts which are all non mineralized.											
55.95	59.62	**10acx** ***Granite breccia***										

Hole Number **TK-16-006** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		this granitic breccia is dominated by amphibolite and strongly biotite altered hornblendite clasts with lesser amounts of granite intrusives, 60% fine to med grained dark green to light green moderatly altered and nonmineralized hornblendite 60%, 30% med to coarse grained mulitphase granitic intrusives cut the interval and all are nonmineralized. 10% strongly to intensly biotite altered and nonmineralized dark green medium grained hornblendite. Subunits- 55.95-56.16 and 57.61-57.7 dark green, strong to intensly biotite altered med grained nonmineralized hornblendite in some cases the biotite gives the core a silvery shean to the surface while still being able to see small needles of hornblende.										
59.62	61.70	**10a** ***Granitic Rocks (unsubdivided)*** this unit is a coarse grained pink and orangish nonmineralized grantie intrusive ranging from more tonalitic near upper planar contact with amphibolite and more resembling a syenite near the bottom planar contact with hornblendite.										
61.70	64.40	**10aax** ***Tonalite breccia*** 60% med grained nonmineralized massive green hornblendite making up the clasts of the weakly deformed (lineated) tonalite (40%) breccia. Contacts between tonalite and clasts are generally sharp and relatively planar in habit with thte exception being the lower contact of the breccia with a more massive tonalite intrusive. Subunits - 62.24-62.38 is a more granodiorite composition intrusive, massive and nonmineralized. 62.87-63.09 tonalite intrusive, possibly weak lineation, non mineralized and sharp contacts.										

Hole Number **TK-16-006** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
64.40	66.48	**10aa** ***Tonalite*** unit is white and black, fairly massive tonalite intrusive, nonmineralized										
66.48	108.00	**10aax** ***Tonalite breccia*** unit is dominated by green mg massive, moderately biotite altered hornblendite (65%) with the matrix (25%) of the breccia being tonalitic to granodioritic in appearance, the tonalite seems to be present as several small planar and irregular habit veins (cm to mm scale) and one larger nonmineralized granodiorite intrusive. There may be a small 5% amphibolite interval which is black and fine grained, entire unit is nonmineralized. Subunits- 68.98-69.53 nonmineralized, massive, soarse grained pink granite intrusive.70.42 is EOH										

DRILL HOLE REPORT

Hole Number **TK-16-007** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	135
Dip:	-55
Length:	57
Started:	21-Mar-16
Completed:	21-Mar-16
Logged:	27-Mar-16

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	3012938
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	Jessie Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Neil Pettigrew
Surveyed:	yes
Surveyed by:	John Fingas
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	no
Multi shot survey:	yes

Comment: this hole was largely done to avoid paying standby as we were unable to do the move it is an under cut of TK-16-006 on the same setup

Coordinate - Gemcom

East:	605347.1
North:	5420370.7
Elev.:	345.63

Coordinate - UTM

East:	605347.1
North:	5420370.7
Elev.:	345.63
Zone: 16	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	135.00	-55.00	C	☑	
15.00	140.20	-54.80	EZ	☑	mag field - 56644

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LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-007** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	2.31	**OVB**	***Overburden/Casing***										
2.31	11.18	**10acx**	***Granite breccia***										
		monolithic nonmineralized fairly massive grantie breccia. 80% granites and 20% amphibolite which largely appears to be composed of amphibolitized sediments indicated by the fine grainsize and occasional whispy remnant bedding planes. Granites range in composition from a deep red and pink coarse grained massive granite with localized patches of pegmatite to a more tonalitic and and granodioritic composition towards bottom contact with hornblendite.subunits - 4.68-5.04, 5.18-6.0 clasts of nonmineralized, dark green/grey fine grained amphibolite. Visible shean of fine grained needle like amphiboles and biotite flecks. Potentially a metased (greywacke) as indicated by the presence of some remnant moderately distorted bedding planes. Indications of both brittle and ductile deformation by small planar veinlets and some irregular habit veins of granitic material cut the amphibolite.										
11.18	13.58	**7h**	***Hornblendite***										
		medium grained, dark green, nonmineralized hornblendite showing strong pervassive biotite alteration with patches of intense biotite alteration localized to small fractures and tonalitic intrusives. Some subhedral to euhedral hornblende grains are visible with the rest composed of green fine grained amphiboles as well and noticeable mg ro coarse grained biotite. Unit is massive with possibly a weak lineation seen in the biotite near fractures or small slip planes. Subunits - 13.0-13.12m a tonalitic intrusive cuts the hornblendite with roughly planar high angle contact with some of the grainboundaries being disturbed and intensly rimmed with biotite.										

Hole Number **TK-16-007** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
13.58	17.59	**10ac** ***Granite*** few meters of pink nonmineralized coarse grained granite, there are a few small planar veins cutting the granite which show a hematite alteration halo +- some minor amounts of what looks like epidote alt on fracture surfaces										
17.59	32.85	**10aax** ***Tonalite breccia*** 60% med grained, black and white tonalite and coarse grained pink granitic intrusive with localized peg patches / 35% weakly to moderately mineralized medium to coarse grained green hornblendite/ 5% fine grained, dark grey green, altered but nonmineralized mafic intrusive/volcanic?. Subunits - 17.59-21.17,23.52-26, 26.4-26.86, 27.16-27.39, 29.38-30, 30.18-30.61 these units are a coarser grained weakly to moderately mineralized hornblendite, the core has dark green appearance with black whisps of coarse grained biotite in proximity to fractures and tonalitic intrusives. In some places (20-21.7m)the biotite and whisps of tonalitic material have formed the matrix in a monolithic weakly mineralized (Cpy) hornblendite breccia. 21.85-22.07, 22.18-22.28 very fine grained dark green nonmineralized, late? mafic volc/intrusive, 18.3-19, 19.22-19.45, 25.42-25.62, black and white nonmineralized tonalite that is weakly fractured but overall massive and competent, 21.17-21.85, 22.32-23.46, 26.0-26.4, 27.6-29.38, 30.61-32.34,32.61-32.85 - light pink, massive, coarse grained to locally pegmatitic granodiorite to granitic intrusives, of note is one mineralized section in proximity to the mineralized hornblendite clasts between 26m and 30.18 where the sulphides (Cpy dominant) has been remobed into the granites along small fracture planes +- biotite alteration.	1384806	17.59	18.90	1.31	796	97	52	0.00	0.01	0.01
			1384807	18.90	20.00	1.10	911	369	48	0.00	0.01	0.01
			1384808	20.00	21.17	1.17	1291	235	74	0.00	0.03	0.03
			1384809	23.30	24.34	1.04	1170	171	48	0.00	0.01	0.03
			1384810	24.34	25.34	1.00	1506	318	84	0.00	0.01	0.03
			1384811	25.34	26.30	0.96	2156	1454	44	0.00	0.01	0.02
			1384812	26.30	27.39	1.09	2222	749	52	0.01	0.05	0.07
			1384813	27.39	28.39	1.00	1874	686	29	0.00	0.05	0.06
			1384814	28.39	29.50	1.11	326	694	6	0.01	0.01	0.01

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
19.00 - 19.20	CP DIS 1	small blebs or disseminated into interstitial spaces
19.00 - 19.20	PY DIS 0.2	
19.47 - 19.62	CP DIS 1	
20.04 - 21.17	CP DIS 0.5	trace amounts of Cpy in small blebs disseminated weakly throughout interval

Hole Number **TK-16-007** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology				Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		23.53 - 23.75	CP	BL 3	small blebs of Cpy found in intensely biotite altered hornblendite next to granitic intrusives	1384815	29.50	30.16	0.66	10717	3986	183	0.04	0.38	0.39
		24.39 - 25.40	CP	BL 0.5	small blebs of chalco mostly in proximity to lower contact with tonalite intusive	1384816	30.16	31.00	0.84	4051	1861	72	0.01	0.13	0.14
		25.87 - 29.38	CP	BL 1	small blebs up to 2mm often found in what looks like partially assimilated smaller clasts of mineralized hornblendite and tonalite.	1384817	31.00	32.00	1.00	140	129	2	0.00	0.01	0.01
		29.38 - 30.00	CP	BL 5	blebby Cpy in coarse grained pyroxenite/hornblendite with strong biotite alteration. These strongly mineralized clasts are smaller and have went through stronger alteration due to the surrounding tonalitic intrusive. This interval seems to show the strongest mineralization away from the margins of the tonalite.	1384818	32.00	33.00	1.00	1586	1048	43	0.01	0.05	0.06
		30.18 - 30.61	CP	BL 3	similar to the previous description, the best mineralization seems to localized but not within the intense biotite alteration near the margins of the contact with the tonalite										
		32.30 - 32.85	CP	BL 1	locally may have 2% within a small hornblendite clast but overall the interval has around 1% blebby Cpy. This includes some remode along the contacts and biotite filled fractures within the tonalite, largest bleb visible is around 3mm in length within the hornblendite at 32.5m										

Hole Number **TK-16-007** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
32.85	38.15	**7hx** ***Hornblendite breccia*** this unit seems to have had a lot of heat and fluids pumped through it, breccia is composed of 60% mineralized, green to blueish coarse grained moderately to strongly biotite and talc altered pyroxenite/ 40% pink coarse grained locally pegmatitic and hematite stained granitic to black and white massive tonalitic (mineralized locally) intrusives. Sub intervals - 33.0-33.93 mineralized dark green coarse grained pyroxenite with strong pervassive biotite alteration and moderate talc alteration with locally intense biotite alteration near the margins of the clast in contact with tonalite intrusive. 35.0-38.0m this unit is a blueish coarse grained pyroxenite (melagab?) which is mineralized and features an alteration halo and mineralized rubble zone at the upper and lower contact features moderate hematite alteration along fracture planes and veinlets reaching into altered reddish tone. 37.4-38.03 coarse grained mineralized (5%) pyroxenite

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
32.85 - 33.93	CP BL 2	blebby however not many blebs with the exception of a planar alignment of chalco near a fracture plane with strong biotite alteration, seems like a local remob within the pyroxenite
33.93 - 35.37	PY DIS 0.5	also commonly found within proximity to the veinlets
33.93 - 35.37	CP STR 2	this zone is within a mineralized fractured tonalite where small stringers of remobilized Cpy is following the biotite and following the fractures and small spaces created by fractures however not all of the fractures are planar in habit all have a dark fine grained mineral (biotite) associated with the sulphide
35.37 - 38.15	CP INT 1.5	
35.37 - 38.15	PY INT 1.5	the sulphides over this interval are roughly equal in preportion but vary locally. In the darker blue gabbroic looking pyroxenite unit pyrite seems to dominate while in the greener pyroxenite with stronger alteration Cpy seems to dominate.

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1384819	33.00	34.00	1.00	1743	925	73	0.00	0.04	0.05
1384821	34.00	35.00	1.00	1320	1451	19	0.01	0.04	0.06
1384822	35.00	36.00	1.00	14504	8314	202	0.03	0.42	0.74
1384823	36.00	36.50	0.50	10615	2939	155	0.01	0.28	0.48
1384824	36.50	37.50	1.00	1366	1533	63	0.01	0.04	0.04
1384825	37.50	38.00	0.50	5935	2159	107	0.04	0.28	0.41

Hole Number **TK-16-007** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
38.15	51.00	**10acx** ***Granite breccia*** this unit is heterolithic, differentiated granite breccia with clasts of pyroxenite, hornblendite and some amphibolite (sediments?). 50% pink granite/ 10% tonalite/ 5% granodiorite/ 30% pyroxenite and hornblendite/5% amphibolite and seds. All these clasts are nonmineralized with the exception of a small 10cm interval near the top of the unit. There seems to be a stronger potassic/hematitic alteration zone near the upper part of this interval after which any sign of mineralization ends, near 39.4m. The granitic intrusives range from pink coarse grained granites through to weakly lineated weakly hematite altered tonalite and granodiorite. Subintervals- 38.83-42.5 nonmineralized pyroxenite with similar compostion and appearance to the above unit but lacking mineralization. Several hematized granitic intrusives cut the pyroxenite with a notable open space filling, vuggy vein at 39.42-39.6. 42.5-42.85 dark grey, fine to med grained, weakly hematite altered amphibolite, disseminated py proximal to small intrusions of tonalitic material. 45.02-46, 47.53-48.33 non mineralized fine to med grained amphibolite which appears to be metamorphosed seds indicated by remnant bedding planes and hardness. 49.05-49.37 nonmineralized, Mg moderate biotite alt, and weakly lineated hornblendite. 51m is EOH

Mineralization Maj. :	Type/Style/%Mineral	Comment
38.53 - 38.61	POCP BL 2	pyrrhotite dominant mixed blebby sulphides localized to small hornblendite clast, occasionally organized into small broken stringers
42.50 - 42.87	CP BL 0.5	found with pyrite along a deformed vein of tonalitic material and small fracture fill with greenish alteration mineral (epidote?).

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1384826	38.00	39.00	1.00	2070	613	23	0.00	0.05	0.07
1384827	39.00	40.15	1.15	315	97	41	0.00	0.01	0.01
1384828	42.00	43.00	1.00	394	207	47	0.00	0.02	0.02

DRILL HOLE REPORT

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	315
Dip:	-45
Length:	93
Started:	22-Mar-16
Completed:	23-Apr-16
Logged:	06-Apr-16

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	3012938
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	John Fingas
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Neil Pettigrew
Surveyed:	yes
Surveyed by:	John Fingas
Geophysics:	Mag
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	yes

Comment: testing historic high values in surface trenches

Coordinate - Gemcom

East:	605410.9
North:	5420338.9
Elev.:	341.63

Coordinate - UTM

East:	605410.9
North:	5420338.9
Elev.:	341.63
Zone:	16
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	315.00	-45.00	C	☑	
18.00	317.30	-44.80	EZ	☑	mag - 56041
60.00	317.60	-44.90	EZ	☑	mag - 56084

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
4.30	5.00	**7hm** ***Mineralized hornblendite***	1459937	4.30	5.00	0.70	1594	598	89	0.00	0.04	0.03

Medium-grained green-light grey hornblendite, vey chloritized, moderate talc/brucite content, includes some vuggy seams of coarse, soft open growht chlorite +/- talc; also with some cpy + py remobilized into vugs. Mineralization consists of ~1% moderately recrystallized po, still with a recognizable blebbly texture; and ~0.1% cpy, remobilized into fractures. Coarse is fractured and blocky here near the ddh collar

Mineralization Maj. :	Type/Style/%Mineral	Comment
4.30 - 5.00	CP FF 0.1	
4.30 - 5.00	PO BL 1	

5.00	6.10	**13** ***Late Mafic Dyke (Unsubdivided)***	1459938	5.00	5.50	0.50	247	509	52	0.00	0.01	0.01

Striking, unusual late mafic (???) dike; black with abundant hematitic streaks (flow-banding?), giving it a 'bloodstone' appearance. This striking dike is cut by yet another, later black aphanitic mafic dike from 5.6-5.9. Neither dike is magnetic, but the 'bloodstone' dike contain a 3-cm granitic pegmatite vein at ~5.2 m which contains coarse crystalline magnetite. This pegmatite also hosts coarse cpy, py, and a py-looking sulphide with laminar cleavage (presumably millerite), and is haloed by cp + py. The dike contains minor disseminated py throughout, but Ni-Cu mineralization is apparently confined to the pegmatite

Mineralization Maj. :	Type/Style/%Mineral	Comment
5.10 - 5.20	PY DIS 1.5	
5.10 - 5.20	MILL CG 0.5	
5.10 - 5.20	CP DIS 1	
5.20 - 6.10	PY DIS 0.1	

6.10	6.70	**10ac** ***Granite***

Granite, edium beige to orange to white, medium-grained with occasional pegmatitic segrgations and

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		veinlets. Non-magnetic.										
6.70	6.80	**13** ***Late Mafic Dyke (Unsubdivided)*** Black, aphananitic homogeneous mafic dike, non-magnetic, cutting granite, contacts sharp, slightly irregular, at ~50 deg TCA.										
6.80	7.80	**10ac** ***Granite*** Granite; similar to 6.1-6.7										
7.80	8.20	**13** ***Late Mafic Dyke (Unsubdivided)*** Mafic dike; similar to 6.7-6.8; chilled towards margins, center slightly coarser. Contacts at 45 deg TCA										
8.20	9.50	**10ac** ***Granite*** Granite, similar to 6.1-6.7. Becomes very white/silicic towards the bottom contact, particuarlly from 9.2-										

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		9.5										
9.50	10.80	**7h** ***Hornblendite*** Dark-green, fine to coarse-grained honblendite, with minor talc content, but with abundant soft chlorite ('biotite') seams at several angles, particularly near the upper granitic contact. Most of the interval is ~devoid of sulphides, but the lower contact from 10.4-10.8 is cut and brecciated by a late mafic dike, alter granitic dike, and finally by (pegmatite-related?) qtz-veining. The veins are rich in remobilized cpy, and host ~1% cpy in the interval 10.4-10.8	1459939	9.50	10.40	0.90	776	168	72	0.00	0.01	0.01
			1459941	10.40	10.80	0.40	384	2412	63	0.04	0.01	0.03
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 10.40 - 10.80 CP VN 1 disseminated in qtz veins										
10.80	11.90	**7hm** ***Mineralized hornblendite*** Green-light grey, meduim-grained, moderately talc-brucite bearing hornblendite. Separated from the overlying hornblendite by a late intusive breccia zone, and by a ~10 cm section with abundant soft chloritic 'biotite' jointing. Entire section is consistnely mineralized, ~3% blebby to somewhat recrystalled pyrrhotite, intimately intergrown with ~0.5% chalcopyrite. Strongly magnetic in talcose intervals	1459942	10.80	11.90	1.10	8426	3503	140	0.03	0.45	0.46
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 10.80 - 11.90 CP BL 0.5 10.80 - 11.90 PO BL 3										

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
11.90	12.50	**13** ***Late Mafic Dyke (Unsubdivided)***	1459943	11.90	12.50	0.60	1202	984	98	0.00	0.06	0.04

Charcoal-black, fine-grained flow-banded late mafic dike. Strongly magnetic. Unmineralized, but containing abundant mineralized horblendite ribbons and clasts from 12.3-12.5, giving it ~0.5% pyrrhotite overall and minor cpy

Mineralization Maj. :	Type/Style/%Mineral	Comment
12.30 - 12.50	CP CL 0.2	disseminated within xenoliths
12.30 - 12.50	PO CL 0.5	disseminated within xenoliths

12.50	14.30	**7hm** ***Mineralized hornblendite***	1459945	13.20	13.80	0.60	1716	1643	67	0.01	0.03	0.04
			1459946	13.80	14.70	0.90	4390	3006	90	0.01	0.14	0.16
			1459944	12.50	13.20	0.70	4883	5359	117	0.05	0.16	0.16

Mineralized hornblendite, similar to 10.8-11.9. Strongest mineralization is from 12.5-13.2, and consists of fine to coarse, blebby intergrown po+cpy, ~5% combined. Matrix in this section is talc rich. From 13.2 - 13.8 contains much less sulphide, mainly ~1% cpy remobilized into veins and fractures; the interval also contains minimal talc and is much less magnetic. Talc and magnetism are still low from 13.8-14.3, but sulphide content increases back to ~5% blebby po+cpy, also with some remobilized cpy+py along small fractures

Mineralization Maj. :	Type/Style/%Mineral	Comment
12.50 - 13.20	CP BL 1.5	
12.50 - 13.20	PO BL 3.5	
13.20 - 13.80	CP FF 1	
13.80 - 14.30	PY FF 0.5	
13.80 - 14.30	CP FF 0.5	
13.80 - 14.30	CP BL 1.5	
13.80 - 14.30	PO BL 3.5	

14.30	14.70	**7bbm** ***Mineralized Proxenite***										

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		Forest-green, coarsely poikilitic interval of clinopyroxenite. Coarsely porous, particularly around large hornblende crystals, giving an appearance of open-growth in vugs; also with coarse, intergrown 'bebby' po-py grown around hornblende, as well as the 'poikilitic' pegmatitic marbled orange-white kspar-albite. Also cut by a vuggy pegmatite veinlet, shows a clear relation to the 'poikilitic' filling material, which also contains ~1% grains of remobilized cpy. Very instructive interval. Overall ~1% coarse blebby po, and ~4% blebby and remobilized (disseminated grains in veins, mainly) cpy ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 14.30 - 14.70 CP VN 3 coarse disseminated grains in vein 14.30 - 14.70 CP BL 1 14.30 - 14.70 PO BL 1										
14.70	15.60	**10ac** ***Granite*** Medium-grained to pegmatitc granite, marbled white and orange, with minor pyrite associated with tiny qtz veinlets ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 14.70 - 15.60 PY F 0.1	1459947	14.70	15.60	0.90	174	107	3	0.00	0.01	0.01
15.60	16.70	**7hm** ***Mineralized hornblendite*** Medium-grained, green-light grey mineralized hornblendite, very similar to intervalf rom 10.8-11.4. With minor associated talc/brucite, and one or two soft chloritic ('biotite') seams, including one at ~16.3 associated with a small (2 cm) granitic dike. From 15.6-16.3, mineralizion is ~2% blebby pyrrhotite with minor (0.3%?) cpy; after 16.3, only ~0.25% blebbly pyrrhotite; but ~1% cpy, mainly remobilized around fractures. Weakly magnetic in patches ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 15.60 - 16.30 CP BL 0.3 15.60 - 16.30 PO BL 2	1459948	15.60	16.70	1.10	3207	2076	99	0.01	0.14	0.13

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		16.30 - 16.70 CP F 0.8										
		16.30 - 16.70 CP BL 0.2										
		16.30 - 16.70 PO BL 0.25										
16.70	17.10	**10ac** ***Granite***										
		Multiphase granite, similar to 14.7-15.6; no mineralization.										
17.10	20.30	**7bbm** ***Mineralized Proxenite***	1459949	16.70	17.70	1.00	495	188	36	0.00	0.01	0.01
		Blue-black (-green when dry) clinopyroxenite, coarse-grained, coarsely poikilitic, with patches of sharp euhedral hornblende chadocrysts (including a pefect sub-hexagonal cross-section at 17.9). Oikocrystic material is marbled white and deep orange, and also forms abundant cm-scale streaks and veinlets throughout the interval, giving the rock a dramatic appearnace. Also infilled in patches with pale green chlorite-sericite (?) material. Talc content is low, and soft chloritic seams ('biotite') are absent, suggesting a relatively mafic (rather than ultramafic) composition. The interval overall is essentially massive, but the bottom 50 cm (19.8-20.3) shows a moderate, variable foliation which controls late pegmatite veinlets and may be related to granitic emplacement. The interval from 17.1-18.7 is essentially unmineralized. However, from 18.7-20.3 is strongly mineralized with ~2% blebby po and ~1% blebby cpy, also with occasional remob cpy in small qtz veins. In places the 'blebby' sulphides seem to occur in proximity and related to pegmatite veinlets and dikes; in other places, blebby mineralization is disseminated throughout the rock mass and not located next to later dikes. Interval is non-magnetic. A small interval from 19.6-19.7 is heavily fractured and a bit muddy; possibly a very minor fault, but given that it does not interrupt the interval, would have to have very minor displacement	1459950	17.70	18.70	1.00	477	163	50	0.00	0.03	0.02
			1383675	18.70	19.60	0.90	2027	1882	67	0.03	0.16	0.18
			1383676	19.60	20.30	0.70	824	871	61	0.00	0.10	0.08
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		18.70 - 20.30 CP F 0.5										
		18.70 - 20.30 CP BL 1										
		18.70 - 20.30 PO BL 2										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
20.30	21.70	**10ac** ***Granite*** Marbled white to orange to grey, patchy, multiphase granitic intrusion, fine-grained to pegmatitic in pathes and veins. No mineraliztion observed.	1383677	20.30	21.60	1.30	46	19	1	0.00	0.02	0.01
21.70	22.00	**7h** ***Hornblendite*** Small xenolith of dark-green, fine-grained hornblendite, weakly foliated, lacking any soft chloritic 'biotite' seams. Mostly unmineralized, but containing ~0.5% cpy in a vuggy, low-angle, pegmatitic fracture; this cpy has a 'blebby' appearance. Non-magnetic ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 21.70 - 22.00 CP F 0.5 associated with a vuggy pegmatitic fracture	1383678	21.60	22.10	0.50	346	187	40	0.00	0.05	0.04
22.00	26.80	**10ac** ***Granite*** Patchy, marbled, multiphase granitic intrusion, white to grey to orange-pink, banded in places, cut by some late ,low angle hematite or kspar filled reddish brittle fractures. Contains a few subunits, including a weakly foliated dark grey unit (earlier tonalite?) from 22.6-22.8 and 23.3-23.4; and a coarse unmineralized forest green pyroxenite xenolith at 25.8-25.9; also cut by a small, sharp-sided dark grey late mafic dike from 25-25.15; ~65 deg TCA. No mineralzation observed										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
26.80	28.90	**7ac** ***Gabbro*** Fine-grained, dark-green, strongly foliated and (from 28-28.9) strongly banded at low-angle to core; banding is warped or folded. Lacking soft chloritic 'biotite' seams. Mainly gabbroic in composition but with some coarser-grained, dark green 'hornblendite' irregularly interbanded in some sections. I would probably have called this amphibolite were it not for the strong mineralization throughout, ~2% combined fine blebby po + cpy (+py?), often concentrated parallel to banding. Cpy occasionally concentrated in remob qtz veins. Fairly unusual unit	1383679	26.60	27.40	0.80	992	912	43	0.01	0.10	0.09
			1383681	27.40	28.10	0.70	1298	1156	58	0.01	0.15	0.15
			1383682	28.10	28.90	0.80	647	1480	40	0.01	0.07	0.08

Mineralization Maj. :	Type/Style/%Mineral	Comment
26.80 - 28.90	PY BL 0.2	
26.80 - 28.90	CP BL 1	fine blebby
26.80 - 28.90	PO BL 1	fine blebby

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
28.90	30.10	**10aa** ***Tonalite*** Pale white medium grained weakly foliated 'tonalite' (or pale graniet phase?) with pink-orange marbling in places. Includes half of a large, mineralized xenolith of the overlying gabbro from 29.1-29.4, with the contact between the two running along the core. The xenolith is well-banded, moderately chloritized/digested, and contains ~4% blebby to remobilized po+cpy; seems relatively cpy deficient, some may have been removed/remobilized. Additionally, the rest of the granitic interval up to the contact with the underlying pink granites contains ~2% po+cpy, remobilized into fractures with biotite, qtz and pink feldspars.	1383683	28.90	29.40	0.50	2741	602	27	0.00	0.11	0.17
			1383684	29.40	30.10	0.70	820	179	12	0.00	0.06	0.06

Mineralization Maj. :	Type/Style/%Mineral	Comment
29.10 - 29.40	CP BL 1	in xenolith
29.10 - 29.40	PO BL 3	in xenolith
29.40 - 30.10	CP F 0.75	in qtz-chlorite-kspar fractures cutting a white 'granite' or tonalite
29.40 - 30.10	PO F 1.25	in qtz-chlorite-kspar fractures cutting a white 'granite' or tonalite

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
30.10	38.00	**10ac** ***Granite***										
		Granite, medium pink white some lighter pink to white marbling, fine grained to pegmatitic, multiphae. Essentially devoid of clasts until 37. At this point, the granite becomes a coarse granitic pegmatite, with ~0.5% disseminated and fracture-controlled pyrite; and contains a small angular unmineralized pyroxenite clast										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		37.00 - 38.00 PY F 0.25										
		37.00 - 38.00 PY DIS 0.25										
38.00	39.90	**7bx** ***Pyroxenite breccia***	1383685	37.90	38.60	0.70	2182	1935	53	0.03	0.20	0.23
		Coarse-grained, non-magnetic forest green pyroxenite breccia; pyroxenite blocks from 38-38.4, 38.7-39.3 and 39.6-39.9, make up ~70% of the interval. Brecciated bya variety of pink to grey granitic to tonalitic, weakly foliated phases, generally with sharp contacts. Pyroxene is coarsely poikilitic. All three blocks are moderately mineralized, dominantly blebby or fracture controlled cp (0.5-2%) with lesser (0-2%) po	1383686	38.60	39.60	1.00	477	778	25	0.03	0.05	0.05
			1383687	39.60	40.00	0.40	577	370	22	0.01	0.04	0.03
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		38.00 - 38.40 PO BL 0.25										
		38.00 - 38.40 CP BL 1.5										
		38.70 - 39.30 CP F 0.5										
		39.60 - 39.90 PO BL 2										
		39.60 - 39.90 CP BL 1										
39.90	43.00	**7hx** ***Hornblendite breccia***										

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		More irregular interval of short, fine to fine-medium-grained blocks of dark-green hornblendite (or amphibolite?), caught up a in a wide array of white, gey, pink and orange, fine to pegmatitic granitic dikes comprising ~50% of the interval. Main hornblendite blocks are from 40.2-40.4, 40.5-41, 41.2-41.4, 41.5-41.7 and 42.2-42.4. Blocks are non-magnetic and devoid of mineralization; minor cpy observed in a pemgatite from 41.4-41.5 ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 41.40 - 41.50 CP DIS 0.1										
43.00	43.50	**7hm** ***Mineralized hornblendite*** Green-light grey fine-grained mineralized hornblendite, cut by some soft chloritic 'biotite' seams, and containing minor talc/brucite. Just above the bottom contact there is a sharp increase in grain size, probably a fragment of the underlying pyroxenite. Weakly magnetic. Mineralization is ~2.5% blebby to remobilized (fracture filling) po + cp ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 43.00 - 43.50 CP F 0.5 43.00 - 43.50 PO F 0.5 43.00 - 43.50 CP BL 0.5 43.00 - 43.50 PO BL 1	1383688	42.90	43.50	0.60	2864	1649	64	0.01	0.13	0.15
43.50	44.10	**10ac** ***Granite*** Granite; medium-pink, fine-grained with coarse pemgatitic shoulders. With minor py in pegmatite ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 43.50 - 44.10 PY DIS 0.2 grains in pegmatite	1383689	43.50	44.10	0.60	89	117	3	0.00	0.01	0.01

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
44.10	47.90	**7bba** ***Clinopyroxenite*** Variable clinopyroxenite, forest to grey-green, fine to coarse grained, and some sections with mineralization. From 44-45.1, the pyroxenite is green-light grey, talcose, with some soft chloritic 'biotite' seams, moderately magnetic. Poikilitic textures are obscure but visible at the top of the interval. Weak (0.3%) blebby po+cp mineralization is supplemented by ~1% coarse remobilized cp in vuggy pegmatitic blotches. From 45.1- 47.3, the pyroxenite becomes abruptly less talcose and magnetic, and poikilitic textures are much clearer. Cpx (hornblende) chadocrysts are coarse near the top of the interval (to 1.5 cm across), and decrease in grain size down the hole to fine-grained (~0.1 cm chadocrysts) at 47. This interval is cut by a few pegmatitic veinlets but unmineralized. A small tonalite dike interrupts the pyroxenite from 47-47.3. From 47.3-47.9, the pyroxenite changes character again, to a fine-grained grey-green phase (gabbroic?), weakly foliated, with ~0.2% fine blebby po+cp	1383690	44.10	45.10	1.00	1106	895	60	0.00	0.05	0.04
			1383691	45.10	46.20	1.10	248	100	51	0.00	0.03	0.02
			1383692	46.20	47.30	1.10	97	40	37	0.00	0.01	0.01
			1383693	47.30	47.90	0.60	151	134	36	0.00	0.03	0.02

Mineralization Maj. :	Type/Style/%Mineral	Comment
44.10 - 45.10	CP F 1	
44.10 - 45.10	CP BL 0.1	
44.10 - 45.10	PO BL 0.2	
47.30 - 47.90	CP BL 0.1	
47.30 - 47.90	PO BL 0.1	

From (m)	To (m)	Lithology
47.90	49.90	**10ac** ***Granite*** Granite, orange-white, medium-grained. Top intercept is invaded by a 5 cm pegmatite vein; otherwise the intercept is remarkably homogeneous, composed of a single phase. Non-magnetic and no mineralization. Contains a xenolith of fine-grained "gabbro" or amphibolite, intercepted at a low angle, from 49.4-49.8. Minor py within the xenolith

Mineralization Maj. :	Type/Style/%Mineral	Comment
49.40 - 49.90	PY DIS 0.1	within xenolith

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
49.90	50.90	**7ac** ***Gabbro*** Two blocks of "gabbro", separated by a tonalitic dike. The first, from 49.9-50.4 consists of a streaky, fine-grained, dark-green tonalite-invaded gabbro or amphibolite. A few relict coarser grains suggest possibly a gabbro. Banding is folded and at low angles to core; no mineralization observed. From 50.4-50.6, a strongly foliated, salt and pepper early (?) tonalite dike, cutting banding in the gabbro, and in turn cut by a late granite dike. From 50.6-50.9, a second raft of 'gabbro'; fine to medium grained greyish-green, with minor disseminated py ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 50.60 - 50.90 PY DIS 0.2										
50.90	51.80	**10acp** ***Granitic pegmatite*** Thick interval of mottled pink-white, coarse pegmatitic granite; margins of the dike are bounded by finer granitic phases. Includes an unmineralized gabbroic xenolith from 51.4-51.5. Trace py ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 50.90 - 51.80 PY TR 0.01										
51.80	52.20	**7ac** ***Gabbro*** Short intersection of blotchy, ugly, medium-grained gabbro similar to the section from 50.6-50.9. Unmineralized										

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
52.20	57.40	**7a** ***Amphibolite (metamorphosed Mafic V*** Fine-grained, dark green 'amphibolite; weak to moderately foliated, and in places banded. Various textures, including sections with small melanocratic grains (remnant gabbroic grains possibly), streaky sections heavily invaded by early tonalite, and sections with small leucocratic blotches which may be a remnant amygdular texture. But by a number of granitic to tonalitic veins and dikes, including a tonalitic dike from 53.6-53.8, a large granitic to granite pegmatite dike from 54.6-55, and another small tonalite dike from 55.4-55.5. Mineralization is confined to pyrite, which is fairly common throughout the interval, generally finely disseminated, ~0.2% overall. A section from 53.5-53.6 contains ~5% stringy coarse pyrite in irregular fractures with magnetite; an additional section from 55.5-57 contains closer to 0.5% pyrite overall, with some additional pyrite occurring along vuggy Fo-parallel fractures and margins tonalitic veins.	1383694	53.10	53.60	0.50	1053	327	51	0.00	0.06	0.05
			1383695	55.50	57.00	1.50	184	119	43	0.00	0.03	0.01

Mineralization Maj. :	Type/Style/%Mineral	Comment
52.20 - 53.50	PY DIS 0.2	
53.50 - 53.60	MAG CG 3	
53.50 - 53.60	PY FF 5	
53.60 - 55.50	PY DIS 0.2	
55.50 - 57.00	PY DIS 0.2	

57.40	58.00	**10ac** ***Granite*** Granitic interval, multiphase, fine-grained and white or pink to coarsely pegmatitic. Trace pyrite in a selvage near the top amphibolite contact.										

Mineralization Maj. :	Type/Style/%Mineral	Comment
57.40 - 58.00	PY TR 0.01	in an altered amphibolite selvage

58.00	58.50	**13** ***Late Mafic Dyke (Unsubdivided)*** Late dark-grey, aphanitic mafic (or intermediate) dike cutting the granite at |40 deg TCA. Local evidence										

along top contact of 'spalling' of small granitic fragments; and contamination of the dike by granite, resulting in development of a contemporaneous (to intrusion) contaminated epidote crackle-breccia along the top vein contact.

58.50 67.60 **10ac** ***Granite***

A dog's breakfast of mixed phases occuring within a multiphase, white to pink, fine to coarse grained and pegmatitic granite intrusive breccia. Phases include an ugly, medium-grained, folded early gabbro from 58.9-59.3; a crosscutting late mafic dike from 59.3-59.5 (probably related to 58-58.5); a fine-grained, dark grey, weakly foliated monotonous monzonite from 58.7-60; angular, fine-grained dark green amphibolite clasts at 60.9-61, 62.8-63.6, 64.1-64.6 and 66.6-67; also assorted tonalitic intervals. All of these xenoliths are unmineralized and non-magnetic. One section from 58.5-59 contains ~0.1% cpy + py as disseminated grains in pegmatite; and a small amphibolite clast from 67.4-67.5 contains ~1% disseminated pyrite

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
58.50 - 59.00	PY DIS 1	
58.50 - 59.00	CP DIS 0.1	
67.40 - 67.50	PY CL 1	disseminated in a xenolith

67.60 73.80 **7a** ***Amphibolite (metamorphosed Mafic V***

Fine-grained, dark green, weakly to moderately foliated non-mineralized amphibolite xenoliths in a weak granitic breccia; pink granite dikes (fine-grained to pegmatitic) cut at 68.9, 69.6, 70-70.3 and 71.5-71.9, and make up about 10% of the interval. Amphibolite is variable in texture, sometimes weakly banded (banding/foliation is folded in some places), and frequently with a texture of small (<1 mm), 'snowy' indistinct phenos, probably plagioclase; these may be primary volcanic textures. Also with a concordnat moderate-grey, moderately foliated early tonalitic interval from 72.1 - 72.7; and many other irregular early tonalite veins and segregations throughout. For the most part unmineralized. Both of the small pegmatite veins (at 68.8 and 69.5) contain some minor pyrite and associated magnetite; additionally 73.1-

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

73.2 contains ~0.5% py in a small fracture, also associated with magnetite

Mineralization Maj. :	Type/Style/%Mineral	Comment
68.80 - 68.90	MAG DIS 0.5	
68.80 - 68.90	PY DIS 0.2	associated with a pegmatite dike
69.50 - 69.60	MAG DIS 0.5	
69.50 - 69.60	PY DIS 0.2	
73.10 - 73.20	MAG F 0.5	
73.10 - 73.20	PY F 0.5	

73.80 74.30 **10** ***Late Unfoliated Felsic To Intermediate***

White, medium-coarse grained quartz-feldspar porphyry, with coarse smoky rounded qtz phenos and smaller white feldspar phenos.

74.30 74.50 **13** ***Late Mafic Dyke (Unsubdivided)***

Mixed interval, with a small xenolith of ampihbolite (similar to 67.6-73.8), cut by a ~10 cm wide, flow-banded late mafic or intermediate, aphanitic dark grey dike. Cuts the hole at 40 deg TCA

74.50 75.20 **10ac** ***Granite***

Typical, medium-pink granite, fine to medium grained, multiphase, marbled with white and grey

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

75.20 77.00 **7a** ***Amphibolite (metamorphosed Mafic V***

Unmineralized moderately foliated dark green amphibolite interval; similar to 67.6-73.8. Amphibolite primary banded or with small, faint, 'snowy' plag. Phenocrysts. Cut by a fine to pegmatitic multiphase pink granite dike from 75.7-76, and also by numerous small pegmatitic veinlets throughout. Amphibolitic sections with minor pyrite (0.3% overall?), disseminated or in small qtz veinlets. The granitic interval also contains some grainy magnetite

Mineralization Maj. :	Type/Style/%Mineral	Comment
75.20 - 75.70	PY F 0.15	
75.20 - 75.70	PY DIS 0.15	
75.70 - 76.00	MAG DIS 0.5	
76.00 - 77.00	PY F 0.15	
76.00 - 77.00	PY DIS 0.15	

77.00 78.10 **10ac** ***Granite***

Granite, medium pink, fine to medium grained with some pegmatitic qtz veins. The upper section in contact with the amphibolite (77-77.3), however, is strongly foliated and white in colour, and likely consists of an early tonalite or granodiorite. The intrusive also contains an unmineralized amphibolite xenolith from 77.5-77.6. The granite is moderately magnetic, with scattered magnetite grains

78.10 78.60 **7h** ***Hornblendite***

Fine-grained, strongly foliated, moderately porous (~2%) dark green hornblendite. Distinguished from the amphibolite primarily by virtue of soft chloritic 'biotite' alteration throughout the interval. No

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		mineralization, non-magnetic										
78.60	79.90	**10ac** ***Granite*** Mixed interval of fine to pegmatitic pink granites, white weakly foliated tonalite, and xenoliths of early, strongly foliated, mesocratic 'granodiorite'.										
79.90	82.80	**7h** ***Hornblendite*** Dark green, fine-medium grained homogeneous unmineralized, non-magnetic hornblendite, identical to 78.1-78.6; strongly altered by soft chlorites. Cut by a few granitic to tonalitic dikes and veins, including a large fine-grained pink granite dike from 80.5-81.										
82.80	87.00	**10acx** ***Granite breccia*** Another dog's breakfast interval, cemented by pink to white, fine-grained to pegmatitic granitic phases comprising ~60% of the total. most of the xenoliths consist of pre-existing hornblendite clasts (very similar to those described from 79.9-82.8) within an early, heavily foliated mesocratic 'tonalite' (dioritic composition?) breccia. This tonalite-hornblendite breccia is nonmagnetic and unmineralized; it occurs at 83.4-83.6, 84.6-84.9, 85.4-86.3 and 86.7-87. A coarse pegmatitic phase of the granite is also cut by a fine-grained grey lightly foliated dike (tonalite or monzonite) from 83-83.3, contacts at ~65 deg TCA										

Hole Number **TK-16-008** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
87.00	91.20	**7hx** ***Hornblendite breccia*** Anotehr variable breccia interval, comprising ~50% dark-green, moderately foliated hornblendite, strongly altered with soft green chlorite 'biotite' alteration. No mineralization, non-magnetic. Hornblendite cut by a number of later intrusive phases, including an early moderately folaited mesocratic 'tonalite' (diorite?) from 89.1-89.7, and later, sharp-margined multiphase granitic to monzonitic dikes, from 88-89 and 90.3-90.8.										
91.20	93.00	**10ac** ***Granite*** Granite, predominantly white to pale pink and fine to medium grained. With one small angular hornblendite xenolith, at 91.5-91.6.										

DRILL HOLE REPORT

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	315
Dip:	-45
Length:	96
Started:	23-Mar-16
Completed:	24-Mar-16
Logged:	06-Apr-16

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	BQTK
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	3012938
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	John Fingas
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Neil Pettigrew
Surveyed:	yes
Surveyed by:	John Fingas
Geophysics:	Mag
Geophysic Contractor:	
Left in hole:	Rod
Making water:	no
Multi shot survey:	yes

Comment: targeting historic high values in surface trenches

Coordinate - Gemcom

East:	605388
North:	5420305.5
Elev.:	342.93

Coordinate - UTM

East:	605388
North:	5420305.5
Elev.:	342.93
Zone: 16	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	315.00	-45.00	C	☑	
60.00	320.80	-44.90	EZ	☑	mag - 55696

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
3.00	6.20	**7h** ***Hornblendite*** Fine-grained, dark-green hornblendite, grading downwards into a brighter green, slightly coarser, highly foliated and very chlorite-rich hornblendite. Slightly porous, especially in upper, darker section, Foliated section (from 4.7-6.2) is highly folded in places, possibly 'drape-folding' along granitic margin; small granite block also shows some crosscutting 'ladder veinlets' and chloritized hornblendite dragged into the ladder veinlet (post-granite deformation? This is a fine-grained granitic phase). Fairly continuous interval, with only 1 tiny granite block and a couple qtz-pegmatitic veinlets, with associated epidote+coarse chlorite alteration. However, non-magnetic, and no sulphides whatsoever observed.										
6.20	7.40	**10ac** ***Granite*** Light pink-orange granite, mostly fine-grained, bit with a coarse pegmatite phase from 7-7.1 7.1-7.4 is paler in colour, with a few biotite flecks, probably a biotite-tonalite but by a few pinkish peg. Veinlets. No sulphide observered, even in pegmatite. Upper contact with the hornblendite is very chloritized and foliated; lower contact less so										
7.40	7.70	**7a** ***Amphibolite (metamorphosed Mafic V*** Small, well-foliated dark black-green fine-medium-grain amphibolite, Fo @ ~20 deg TCA, streaked with some tonalitic, Fo-parallel bands. NOT banded by strong chloritic seams. No sulphide, non-magnetic										
7.70	11.00	**10ac** ***Granite***										

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		Medium-pink to white, fine to pegmatitic, multiphase granitic to tonalitic intrusive. Cut by some late vuggy qtz-epidote-feldspar veinlets, with minor offset, offsetting earlier pegmatite. With a few blocks of amphibolite, variable, highly foliated/deformed, dark black to medium-green, and weakly to moderately digested; from 8.6-8.8 and 10.2-10.4. No sulphide										
11.00	11.80	**7a** ***Amphibolite (metamorphosed Mafic V*** fine-grained black amphibolite. No sulphide. Monotonous, minor fabric, cut exclusively by granitic to pegmatitic dikes.Recrystallization and coarsening visible along granitic contacts.										
11.80	12.60	**13** ***Late Mafic Dyke (Unsubdivided)*** Fine-graned, black-grey unfoliated late mafic dike; contacts show that it intrudes both the early hornblendite as well as later granite intruding the pegmatite. Moderate carbonate content throughout, also cut by a few calcite-chlorite veinlets, and moderately magnetic.										
12.60	14.90	**7a** ***Amphibolite (metamorphosed Mafic V*** fine-grained black amphibolite. No sulphide. Monotonous, minor fabric, cut exclusively by granitic to pegmatitic dikes.Recrystallization and coarsening visible along granitic contacts.										

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
14.90	17.40	**10acx** ***Granite breccia*** Fine-grained pink-orange granite, with occasional pegmatitic sections. Includes abundant, angular mafic clasts; these seem transitional between the black amphibolite from 12.6-14.9, and the dark-green gabbro from 17.4-18.2; generally medium-grained, well recrystallized, moderately foliated, non-magnetic and without sulphide. Cut by occasional tonalitic dikes; foliation almost must predate granite, and is realligned in brecciated blocks.										
17.40	18.20	**7ac** ***Gabbro*** Medium-grained, moderate green "gabbro"; with abundant plagioclase conetn. Moderatlely foliated, and cut sharply (across foliation) by granite along both contacts. Non-magnetic, and without sulphides. Bottom contact possibly preserves a contact between overlying gabbro, and an underlying hornblendite; at 45 deg TCA										
18.20	22.70	**7ax** ***Amphibolite breccia*** Irregularly brecciated interval of dark-green, fine-medium grained, well-foliated amphibolite blocks. Contacts variable, sharp to irregular to ragged to diffuse; blocks are also sometimes cut by early, broadly folded tonalite veinlets, frequently running concordant to foliation. Contacts generally becoming more diffuse towards the bottom contact of the interval. No sulphide observed, non-magnetic.										

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
22.70	27.60	**10ac** ***Granite*** Pale to deep pink granite, fine-grained to pegmatitic. Multiple complexly cross-cutting phases. Includes some minor blocks of partially digested amphibolite near the top of the interval; xenoliths at 23.3 - 23.4 and 23.8-24. Cut by occasional epidote-filled fractures and rare quartz-chlorite-epidote vugs. From 27.4-27.6, coarsely pegmatitic, with a couple grains of pyrite; bottom contact @ ~60 deg TCA, intruded by the late mafic dike ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 27.50 - 27.60 PY DIS 0.2										
27.60	29.00	**13** ***Late Mafic Dyke (Unsubdivided)*** Aphanitic, grey-blakc mafic dike, non-magnetic, flow-banded included narrow (1 mm to 1 cm) wispy bands of brick-red, hematitic material, increasing towards bottom contact. Includes a xenolith of granite from 29.7-29.8. No sulphide										
29.00	29.60	**10ac** ***Granite*** Pale to deep orange, fine-gained, blocky, fractured granite; sharp contact with surrounding units.										

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
29.60	31.50	**7h** ***Hornblendite*** Fine-medium grained, medium green hornblendite, moderate to strong foliation especially at base of interval. Strongly chloritized, with chloritization increasing towards basal contact. Coarse chlorite flakes along bottom contact are foliated and folded, probably wrapping around granitic fragments; and interior granite veinlets appear folded and boudinaged. Also cut from 30-30.5 by a low angle (5 deg TCA?), rusty, and possibly folded fracture. In spite of this; non-magnetic and no sulphides	1459918	29.60	30.00	0.40	645	4	74	0.00	0.01	0.01
			1459919	30.00	30.50	0.50	554	5	83	0.00	0.03	0.01
			1459921	30.50	31.50	1.00	531	101	71	0.00	0.02	0.01
31.50	32.50	**10ac** ***Granite*** Granite; medium-grained, medium-pink, monotonous. Cut by a 1 cm qtz ladder vein (boudin-neck) at 32.1. Much of the interval includes hornblendite; the contact here is extremely low-angle (parallel to core).	1459922	31.50	32.50	1.00	185	32	19	0.00	0.03	0.01
32.50	33.00	**11f** ***Fault zone (gouge, lost core)*** Fault zone at 50 deg TCA. Core (granite?) within the fault zone is intensely hematitized, and cut by chlorite crackle breccia. Right at 32.6, there is a cm-wide seams of intact chlorite gouge, then a rubble zone of chlorite gouge and granite fragments. Also approximately 30 cm of lost core in this interval; likely a major fault										
33.00	34.70	**7ac** ***Gabbro*** Brecciated section with angular blocks of gabbro (or heavily altered amphibolite?) making up ~70% of the interval. Blocks are foliated, and but in multiple directions by large and small, sharp-edged, straight dikes and veinlets of medium-grained granite. The whole interval is red-stained, and includes many hematite-										

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

haloed fractures related to the adjacent fault. No sulphide

34.70 36.00 **10acp** ***Granitic pegmatite***

Mostly a coarse-grained, light to dark pink pegmatite; however one interval from 35.7-36 consists of a fine-grained, dark pink granitic phase. Both intervals cut by abundant hematite-filled joints and minor chlorite crackle breccia. Trace grains of pyrite observed

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
34.70 - 36.00	PY TR 0.01	

36.00 36.70 **7h** ***Hornblendite***

Medium-grained, strongly foliated and chloritic hornblendite; very similar to hornbldendite at 29.6-31.5. No sulphides.

36.70 39.00 **10ac** ***Granite***

Medium-pink granite, mostly medium to fine-grained, but with some pegmatitic intervals. Also contains some hornblendite xenoliths, from 37.2-37.5, 37.9-38.1 and 38.6-39. Intervals are similar to the above hornblendite (from 36-36.7).

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
39.00	39.50	**7h** ***Hornblendite*** Horblendite; see 36-36.7										
39.50	40.00	**10ac** ***Granite*** fine-medium grained, medium pink granite; with a hornblendite xenolith from 39.7-39.8. Cut by strong hematite-stained fracturing and chlorite crackle breccia, especially next to the fault										
40.00	40.10	**11f** ***Fault zone (gouge, lost core)*** Small brittle fault zone @ ~45 deg TCA. Apparently intruded (and then crosscutting) a late mafic dike which has been hematite altered and contains a small cataclasite (?) zone. Also includes some chlorite-calcite growth lineaments along the fault surface, and a narrow seam of clay/gouge; probably a minor subordinate fault to the one at 32.5.										
40.10	40.30	**13** ***Late Mafic Dyke (Unsubdivided)*** Late mafic dike with hematitic wisps; similar to 27.6-29.										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
40.30	41.30	**10ac** ***Granite*** Granite, medium-grained, medium pink, including some irregular sulphide-free xenoliths of hornblendite from 40.3-40.4 & 41-41.1. With some weak hematite-chlorite fracturing										
41.30	41.60	**13** ***Late Mafic Dyke (Unsubdivided)*** Late, aphanitic grey-black mafic dike, similar to 27.6-29; contacts sharp, intrusive into granite, at ~50 deg TCA.										
41.60	42.60	**10ac** ***Granite*** Granite, medium orange-pink, medium to pegmatitic grain size. Cut by a few hematitic fractures.										
42.60	42.80	**13** ***Late Mafic Dyke (Unsubdivided)*** Late, flow-banded mafic dike with sharp irregular intrusive contacts into granite, at ~45 deg TCA; similar to 27.6-29.										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
42.80	44.60	**10ac** ***Granite*** Granite, fine-grained to pegmatitic, and deep orange to almost white, possibly with some tonalitic sections. Includes some hornblendite xenoliths, at 42.9-43.2 and 44.4-44.5										
44.60	47.30	**7hx** ***Hornblendite breccia*** Black hornblendite breccia, cut by medium-grained granitic dikes from 45-45.4 and 46.9-47.3, and also by some small granitic veinlets. Hornblendite is medium-grained, moderately porous (0.5%?) and generally lacks strong foliation and chlorite alteration. Non-magnetic, no sulphide										
47.30	50.50	**7h** ***Hornblendite*** More coherent interval, of a medium-green, strongly foliated, strongly chlorite-altered hornblendite, with minor talc content. Non-magnetic, and no sulphide observed, but contains some low-angle (15 deg TCA), rusty joints. The interval from 48.1-48.7 contains about 2% disseminated pyrite, including some well-defined cubes. No cpy or po observed ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 48.10 - 48.70 PY DIS 2	1459926	49.70	50.70	1.00	502	24	66	0.00	0.02	0.01
			1459924	48.10	48.70	0.60	616	141	76	0.00	0.02	0.02
			1459923	47.30	48.10	0.80	538	4	72	0.00	0.03	0.01
			1459925	48.70	49.70	1.00	549	6	72	0.00	0.02	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
50.50	52.80	**10ab** ***Granodiorite*** Consists of a moderately foliated, medium-grey, medium-grained intrusive spotted with white phenocrysts; overprinted by potassic alt (or fault-related hematite???) along joints, and intruded in several places by pegmatitic veinlets										
52.80	53.00	**13** ***Late Mafic Dyke (Unsubdivided)*** small, gray-black, aphanitic mafic dike sharply cutting granite; contacts at 45 deg TCA										
53.00	58.60	**10ab** ***Granodiorite*** Similar to 50.5-52.8. However, granodiorite is more foliated here; and various pink, fine to coarse grained and pegmatitic granitic intrusives are much more common, crosscutting the granodiorite and each other, and forming ~50% of the interval after 54.7. Also with a small amphibolite xenolith near the lower contact, from 58.2-58.4 m.										
58.60	59.90	**7a** ***Amphibolite (metamorphosed Mafic V*** Fine-grained, black, weakly foliated amphibolite (or hornblendite?). Cut more-or-less concordantly by a number of small tonalite veinlets. Non-magnetic, and with no sulphide	1459927	58.60	59.90	1.30	192	121	46	0.00	0.02	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
59.90	60.80	**7aa** ***Diorite***	1459928	59.90	60.80	0.90	219	239	26	0.00	0.04	0.03
		Diorite? Or contaminated tonalite? Strongly folaited black+white rock, coarse-grained, contains a few minor xenoliths of amphibolite. This unit is moderately sulphide-rich, containing ~0.5% overall fine disseminated pyrite, as well as minor chalcopyrite intergrown with the pyrite										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		59.90 - 60.80 CP DIS 0.1										
		59.90 - 60.80 PY DIS 0.5										
60.80	61.00	**7a** ***Amphibolite (metamorphosed Mafic V***										
		Dark green, fine-grained moderately foliated amphibolite, streaked with tonalitic veins and containing ~3% stringy pyrite										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		60.80 - 61.00 PY STR 3										
61.00	61.30	**7h** ***Hornblendite***	1459929	60.80	61.30	0.50	300	125	56	0.00	0.04	0.02
		Medium-green, soft, strongly foliated, strongly chloritized hornblendite, fine-medium grained. No sulphide										

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
61.30	62.50	**7a** ***Amphibolite (metamorphosed Mafic V*** Streaky well foliated/banded amphibolite, with some irregular ~concordant early tonalite 'wisps', and cut by some late, sharp-sided pegmatite dikes. No sulhpide	1459930	61.30	62.30	1.00	197	54	43	0.00	0.04	0.04
62.50	63.20	**10aa** ***Tonalite*** Dark-grey, fine-grained, weakly foliated tonalite (or monzonite?) dike, crosccut by later qtz nd pegmatite veins and dikes, and with kspar alteration along fractures	1459931	62.30	63.20	0.90	54	5	14	0.00	0.02	0.01
63.20	64.30	**7h** ***Hornblendite*** Medium-green, soft, strongly foliated, strongly chloritized hornblendite, fine-medium grained. Sharp upper and lower contacts, ~concordant to foliation, ~25 deg TCA. With minor 'poikilitic' texture, ~2% pyrite disseminated and in stringers, and minor chalcopyrite	1459932	63.20	64.30	1.10	544	84	68	0.00	0.03	0.02
64.30	64.60	**10aa** ***Tonalite*** Another dark-grey, fine-grained weakly foliated biotite tonalite, with some lighter tonalitic streaks. Contains ~2% fine pyrite, disseminated and along fractures, as well as minor (0.2%?) cpy intergrown with										

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

63.20 - 64.30 CP DIS 0.1

63.20 - 64.30 PY STR 2

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		the disseminated pyrite										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		64.30 - 64.60 CP DIS 0.2										
		64.30 - 64.60 PY DIS 2 also along fractures										
64.60	67.40	**7a** ***Amphibolite (metamorphosed Mafic V*** Dark green-black, fine-grained, weak-moderate foliation 'amphibolite', not strongly altered (i.e. no soft chlorite seams). Cut by a few granitic veinlets, and from 66.9-67.4 by a low-ganlge, ~4 cm wide granitic pegmatite vein. Bottom contact with the granite/pegmatite is coarsely recrystallized. The top interval near the tonalite (64.6-64.8) contains ~1% fine disseminated pyrite; the pegmatite (66.9-67.4) at the base of the interval also contains ~0.4% disseminated pyrite	1459933	64.30	65.30	1.00	601	963	38	0.02	0.06	0.08
			1459934	65.30	66.30	1.00	236	59	52	0.00	0.01	0.01
			1459935	66.30	67.40	1.10	230	54	52	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		64.60 - 64.80 PY DIS 1										
		66.90 - 67.40 PY DIS 0.4 grains in the core of a granitic pegmatite										
67.40	69.90	**10ac** ***Granite*** Medium-grey to medium pink, fine-grained, banded intrusive interval, consisting of bands (2 - 60 cm wide) of granite and (monzonite?), cut by occasional pegmatitic veins. No mineralization										
69.90	73.80	**10acx** ***Granite breccia*** Medium-pink, fine grained to pegmatitic breccia, containing abudnant xenoliths of amphibolite comprising										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		~35% of the total interval. Xenoliths moderately foliated, either similar to the amphibolite 64.6-67.4 (69.9-70 and 70.3-70.4), dioritic in appearance (70.6-70.7 and 70.8-71), or else with a well-foliated, grey-green apperance similar to material below the lower contact (71.9-72.5, 72.7-73.1). None of these intervals are magnetic or contain noticeable sulphide										
73.80	75.10	**7a** ***Amphibolite (metamorphosed Mafic V*** Fine-medium grain, dark grey-green, moderately foliated monotonous amphibolite, non-mineralized and non-magnetic. Cut by a few qtz and pegmatite veinlets										
75.10	76.10	**7h** ***Hornblendite*** Medium-grained, medium-green hornblendite, strongly altered with soft chlorite , and moderately foliated, with foliation apparently wrapping strongly against a grey, boudinaged qtz veinlet. From 75.1 - 75.4 is strongly marbled with tonalite veins and blotches. Both contacts are sharp; upper contact is apparently discordant (~80 deg TCA), while lower contact is concordant to foliation, ~35 deg TCA. No sulphide, non-magnetic	1459936	75.10	76.10	1.00	248	28	52	0.00	0.01	0.01
76.10	77.40	**7a** ***Amphibolite (metamorphosed Mafic V*** Dark grey-green fine-medium grain amphibolite, very similar to 73.8-75.1, but cut by coarse pink granitic pegmatite dikes at 76.4-76.5 and 76.8-77.										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
77.40	79.50	**10ac** ***Granite*** Medium pink, medium grained to pegmatitc granite, sharp contacts with amphibolite intervals. With minor pyrite in some pegmatitic intervals, and weakly magnetic in some spots										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		77.40 - 79.50 PY DIS 0.1 concentrated in pegmatitic intervals										
79.50	80.58	**7a** ***Amphibolite (metamorphosed Mafic V*** Another monotonous unmineralized amphibolite interval; similar to 73.8-75.1										
80.58	83.20	**10ac** ***Granite*** Medium-pink granite, fine-grained to patchy pegmatitic, with minor py grains associated with peg. Intervals.										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		80.58 - 83.20 PY DIS 0.1 associated with pegmatites										
83.20	86.30	**10aa** ***Tonalite***										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

Mixed interval of weakly foliated white tonalite and various fine to pegmatitic, pink granitic phases, also with amphibolite xenoliths from 83.2-83.4 and at 85.7, as well as dark, moderately foliated blocks of early (granodiorite??) but by later granitic veins, from 83.6-83.9. Trace pyrite overall, associated with pegmatitic intervals and 1 grain with the granodiorite

Mineralization Maj. :	Type/Style/%Mineral	Comment
83.20 - 86.30	PY TR 0.01	

86.30 87.20 **7a** ***Amphibolite (metamorphosed Mafic V***

Fine-grained, dark green, moderately banded amphibolite, including a concordant dioritic interval from 86.3-86.4; also cuy by a late granitic pegmatite from 86.8-87. Groundmass of the amphibolite contains minor wisps and clots, possibly remnant primary textures (amygdules?). Minor py, associated with the pegmatite vein

Mineralization Maj. :	Type/Style/%Mineral	Comment
86.80 - 87.00	PY DIS 0.1	

87.20 88.00 **10a** ***Granitic Rocks (unsubdivided)***

White-grey quartz-feldspar porphyry, with large (to 1 cm) rounded smoky qtz phenos, and smaller feldspar phenso, also abundant clots of biotite. Attractive, unaltered porphryy, cutting amphibolite discordant to foliation

88.00 90.10 **7a** ***Amphibolite (metamorphosed Mafic V***

Fine-grained, dark green, well-banded amphibolite; unlike the hornblendite it lacks soft chlorite alteration,

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

and folding of the foliation/banding is truncated by the granite, rather than wrapping around it. Interval cut by a number of small tonalitic to granitic dikes. Contains minor disseminated pyrite, ~0.2% over the entire interval

Mineralization Maj. :	Type/Style/%Mineral	Comment
88.00 - 90.10	PY DIS 0.2	

90.10 95.30 **10ac** ***Granite***

Mixed interval of fine to coarse and pegmatitic, mainly pink but also white and grey intrusives; predominantly unfoliated to (flow-?)banded granites, also with small intervals of very weakly folded white tonalite, and fine-grained dark grey monzonite (?) intervals. Includes a few xenoliths of amphibolite, at 92-92.2, 92.5-92.7, and a small one at 95.1; all fairly similar to the amphibolite at 88-90.1, but lacking sulphide. ~no mineralization, but some sections of the granite are weakly magnetic

95.30 95.80 **7a** ***Amphibolite (metamorphosed Mafic V***

Fine-grained, dark green weakly banded amphibolite, cut by some early tonalite dikes and later granitic veinlets; no mineralization, non-magnetic

95.80 96.00 **10ac** ***Granite***

Medium pink, fine-grained to pegmatitic granite.

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-009** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

DRILL HOLE REPORT

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

Drilling

Azimuth: 330
Dip: -45
Length: 150
Started: 24-Mar-16
Completed: 27-Mar-16
Logged: 28-Mar-16

Casing

Length: 0
Pulled: no
Capped: yes
Cemented: no

Core

Dimension: BTW
Storage:
Section:
Hole Type DD

Location

Township: MCGILL
Claim No.: 3012938
NTS: 042C/13
Hole: SURFACE

Other

Logged by: Jessie Koroscil
Relog by:
Contractor: Chibougamau Drilling
Spotted by:
Surveyed:
Surveyed by: John Fingas
Geophysics:
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: yes

Comment: targeting high values in surface trenches and a moderately strong IP inversion anomaly

Coordinate - Gemcom

East: 605452.6
North: 5420368.2
Elev.: 348.93

Coordinate - UTM

East: 605452.6
North: 5420368.2
Elev.: 348.93
Zone: 16 **NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	330.00	-45.00	C	☑	
18.00	331.00	-45.20	EZ	☑	mag field - 56373
60.00	335.40	-44.90	EZ	☑	mag field - 55721
111.00	337.30	-43.60	EZ	☑	mag field - 56111

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	2.50	**OVB** ***Overburden/Casing***										
2.50	18.25	**10aax** ***Tonalite breccia*** unit is composed of mineralized heterolithic tonalite breccia with some igranodiorite. The clasts of biotite altered mineralized hornblendite and talc altered mineralized pyroxenite dominate the unit and make up around 75-80% of this interval. Mineralization seems to be the most prominent (5% from 10.82-14m) in the talc altered pyroxenite clasts where blebby Po/Py with minor Cpy seem to prefer the sights of strongly talc altered pyroxenes or fracture fills. Subunits-3.2-4.2, 4.5-6.4,6.63-7.18,7.45-9.56, 14.15-14.16 mineralized green, massive, Mg hornblendite clasts with variable intensity of biotite +- chlorite alteration ranging from moderate to intense. 10.82-12.0, 12.46-14.0, 16.6-18.25m mineralized moderately talc altered, coarse grained, massive greenish grey pyroxenite.	1384829	3.00	4.00	1.00	908	179	52	0.00	0.02	0.03
			1384830	4.00	5.00	1.00	1216	347	44	0.00	0.01	0.03
			1384831	5.00	6.00	1.00	2105	1230	68	0.02	0.03	0.09
			1384832	6.00	7.00	1.00	1578	713	43	0.01	0.02	0.05
			1384833	7.00	8.00	1.00	5215	3583	91	0.04	0.14	0.22
			1384834	8.00	9.00	1.00	5759	3210	106	0.03	0.17	0.27
			1384835	9.00	9.60	0.60	5723	2887	104	0.03	0.16	0.26
			1384836	9.60	10.50	0.90	1168	514	16	0.00	0.03	0.04
			1384837	10.50	11.25	0.75	7275	4331	149	0.06	0.22	0.32
			1384838	11.25	12.00	0.75	8154	4142	169	0.06	0.30	0.37

Mineralization Maj. :	Type/Style/%Mineral	Comment
2.50 - 10.88	CPPO DIS 2	two percent over the entire width of interval. Dominantly Cpy with minor Po and Py. Some remob has occurred into the tonalite at the margins and there is seems to be almost exclusively Cpy
10.88 - 14.83	CPPO BL 5	dominantly Cpy and Po with areas within the larger pyroxenite clasts appearing more brassy and pyrite like. Small 1cm wide vein of massive Po/Cpy with a somewhat planar habit cuts the pyroxenite at 13.36m
14.83 - 18.25	CP BL 1	unit has small patches of dominantly blebby Cpy often increasing in occurance near patches of stronger biotite alteration within the hornblendite clasts

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
18.25	26.60	**10acx** ***Granite breccia*** granite/granodiorite, weakly mineralized <1% breccia with clasts of mineralized biotite altered hornblendite.(8% granitic intrusives/20% clasts). small dark grey/brown non mineralized mafic, fine grained mica rich intrusive from 22.19-22.9m. Subunits - 22.19-22.9 maifc intrusive, dark brown grey in color,, fairly soft, fine grained with visible shean from micas on freshly broken surface, non mineralized and looks like small xeno of granite is present near lower contact. Both contacts are sharp, planar and at about 45 degrees TCA. 18.25-19.22, 23.22-23.68 green coarse to med grained, massive, biotite altered weakly mineralized <1% hornblendite clasts. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 18.25 - 26.60 CP BL 1 nicer mineralized clasts at 21m

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1384839	12.00	13.00	1.00	8755	3772	143	0.02	0.20	0.32
1384841	13.00	13.50	0.50	20445	9375	862	0.02	1.32	0.70
1384842	13.50	14.00	0.50	29939	8576	354	0.03	0.34	0.83
1384843	14.00	15.00	1.00	5994	3198	117	0.03	0.14	0.21
1384844	15.00	16.00	1.00	209	354	5	0.10	0.01	0.02
1384845	16.00	16.50	0.50	120	240	3	0.01	0.01	0.01
1384846	16.50	17.50	1.00	1912	963	85	0.02	0.04	0.07
1384847	17.50	18.50	1.00	3289	2627	82	0.03	0.16	0.20
1384848	18.50	19.50	1.00	1278	524	64	0.01	0.03	0.06
1384849	19.50	20.00	0.50	195	61	5	0.01	0.01	0.02
1384850	20.60	21.30	0.70	3849	2090	60	0.06	0.26	0.36
1384851	23.20	24.00	0.80	860	198	44	0.01	0.03	0.08

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
26.60	35.97	**7hx** ***Hornblendite breccia*** unit is dominantly composed of target lithology but mineralization is minor at around 1% or under throughout interval. Heterolithic breccia with granitic intrusives15% and clasts of pyroxenite, hornblendite and amphibolite (metaseds) making up about 85% of the unit. Granites range from coarse grained massive pink granite and granodiorite. The pyroxenite and hornblendite clasts have the same description as above and the sed clasts often show remnant bedding planes which can range from well preserved to contorted and smeared with some sections appearing to have undergone recrystalization. Subunits - 26.82-29.4 mineralized hornblendite with minior amounts of talc altered pyroxenite, patchy variable grainsize as well as patchy vuggy sections, mineralization is blebby 1% Cpy. 30.19-35.97 mixed unit of green moderate biotite alt hornblendite and metaseds with visible bedding planes and partial melts of the seds, trace Cpy .5%.

Mineralization Maj. :	Type/Style/%Mineral	Comment
26.60 - 35.97	CP BL 0.5	often localized to clasts of hornblendite.

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1384852	26.50	27.00	0.50	982	171	55	0.03	0.02	0.04
1384853	27.00	28.00	1.00	1913	1526	59	0.07	0.12	0.15
1384854	28.00	29.00	1.00	2942	2612	64	0.08	0.24	0.27
1384855	29.00	29.50	0.50	440	259	46	0.01	0.01	0.03
1384856	30.00	31.00	1.00	198	70	31	0.09	0.01	0.02
1384857	31.00	32.00	1.00	357	139	51	0.02	0.01	0.02
1384858	32.00	33.00	1.00	368	183	52	0.01	0.01	0.02
1384859	33.00	34.00	1.00	447	177	54	0.01	0.01	0.03
1384861	34.00	35.00	1.00	129	76	39	0.01	0.01	0.02
1384862	35.00	36.00	1.00	423	100	49	0.01	0.01	0.02

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
35.97	49.93	**10acx** ***Granite breccia*** weakly and patchy mineralized granite breccia 65/35 granite to clast raito. Granites are massive with local small peg zones. Clasts are almost 70% sediments that have been amphibolitized and recrystalized in sections. Mineralization is blebby Cpy and often found near the margins of the sed clasts. Of note is a 24mm elongate bleb of Cpy found within a small clast of hornblendite at 43.15m, wedged between a granite/sed contact area.this may be a small rip up clast of the semi massive and net textured sulphides further down hole. Subunits- 38.84-41.12, 44-45.52 mixed unit of horblendite clasts sitting in bigger unit of seds and partially recrystalized seds with what looks like whisps of tonalite intrusive. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 43.08 - 44.32 CP BL 0.5 small blebs of Cpy found in hornblendite clast and within the occasional bedding plane in the seds	1384863	39.80	41.00	1.20	372	74	39	0.01	0.01	0.02
			1384864	41.00	42.00	1.00	293	65	39	0.01	0.01	0.02
			1384865	42.00	42.63	0.63	386	135	55	0.06	0.01	0.03
			1384866	43.00	44.00	1.00	102	231	35	0.01	0.01	0.02
			1384867	44.00	45.00	1.00	127	111	44	0.01	0.01	0.02
			1384868	45.00	46.00	1.00	260	94	20	0.01	0.01	0.02
			1384869	49.00	49.93	0.93	1586	263	11	0.01	0.02	0.04
49.93	56.63	**7hm** ***Mineralized hornblendite*** mineralized hornblendite breccia, 50/50 clasts to granitic intrusives. Hornblendite clasts are a dark green, Mg, massive, moderate pervassive biotite alteration with localized seams of strong to intense biotite/chlorite surrounding fractures, contacts and clasts. Intrusives are composed of granite to tonalite with small peg patches. Strongest remob is into the granite peg at the lower contact between mineralized hornblendite clast at around 50.7. Sulphides are blebby Cpy, Po and Py increasing in percentage downhole until 53.9 where they become net textured with a small semi massive zone at 53.1-53.2m. Small vein .5cm across of massive Cpy cutting hornblendite at 55.4. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 49.93 - 50.64 POCP BL 3 chalco and the pyrrhotite and relatively intergrown and around 70/30 Po/Cpy 50.64 - 50.81 CP VN 4 remob into small stringers and planar quartz veins 51.40 - 51.43 CPPO VN 15 small vein of massive with sharp conacts and planar habit 51.78 - 52.04 CPPO BL 2 70/30 Po to Cpy	1384870	49.93	50.80	0.87	12218	6653	188	0.04	0.31	0.66
			1384871	50.80	51.69	0.89	1584	1500	7	0.01	0.03	0.12
			1384872	51.69	52.10	0.41	4967	1686	67	0.02	0.14	0.21
			1384873	52.10	52.60	0.50	2461	471	35	0.01	0.07	0.09
			1384874	52.60	53.47	0.87	47050	8248	749	0.02	1.36	1.17
			1384875	53.47	54.00	0.53	2449	1245	30	0.00	0.03	0.08
			1384876	54.00	54.90	0.90	96	129	6	0.00	0.02	0.01

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From (m)	To (m)		Lithology		Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		52.04 - 52.65	POPY CL 1	20/80 Po?py. Mineralization localized to small partially assimilated Hbl clast	1384877	54.90	55.46	0.56	4253	1529	75	0.01	0.05	0.09
		52.65 - 52.85	CPPO BL 5	mineralizatoin just above the net textured and massive interval	1384878	55.46	56.15	0.69	9015	7371	120	0.03	0.28	0.30
		52.85 - 53.03	POCP Net 40											
		53.03 - 53.15	POCP Mass 60	80/20 Po to Cpy	1384879	56.15	57.00	0.85	2795	1575	46	0.01	0.09	0.08
		53.15 - 53.44	POCP STR 5	small zone below the massive, 70/30 Po/Cpy										
		53.60 - 53.70	POCP CL 5	60\40 Po/Cpy, seems to follow remnant clasts of Hbl										
		54.96 - 55.35	CPPO DIS 0.5											
		55.35 - 55.40	CPPO VN 10	small vein of Cg semi massive Cp/Po										
		55.40 - 55.90	CPPO BL 1	chalco rich, 60/40,										
		55.90 - 56.12	POCP Net 20											
		56.12 - 56.45	CPPO VN 2	remob into grantie										
		56.45 - 56.63	CP DIS	30/70 chalco to pyrite ratio										
56.63	57.50	**10acp**	***Granitic pegmatite***		1384881	57.00	58.00	1.00	109	89	3	0.00	0.02	0.01
		trace Py												
57.50	59.50	**10aa**	***Tonalite***											
		massive, moderately fractured, Mg, pervassive with variable intensity hematite/potassic alt. slast of Hbl 58.6-58.8.												

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
59.50	59.90	**13** ***Late Mafic Dyke (Unsubdivided)*** aphanetic to Fg, dark grey with reddish hue mafic dike with sharp planar upper contact and more irregular lower contact. There is a small xenolith of hem alt tonalite near lower contact. Non mineralized										
59.90	61.10	**10aa** ***Tonalite*** Mg grey, massive, weakly patchy hem/potassic alt. nonmineralized										
61.10	61.40	**13** ***Late Mafic Dyke (Unsubdivided)*** similar to the above description with the exception of the contacts. The upper contact has a 1cm halo of hematite, irregular habit with xenolith of altered tonalite. Bottom contact is planar at around 20 degrees TCA. Non mineralized.										
61.40	62.78	**10aa** ***Tonalite*** mg, grey, with a small 20 cm peg zone near lower contact. Small 5cm Hbl clast, non mineralized. Minor light pink potassi/hemc alt along fractures.										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
62.78	63.61	**7h** ***Hornblendite*** dark green, mg, massive with moderate biotite alteration and trace Po. Unit seems porous										
63.61	66.00	**10ac** ***Granite*** fg to PEG, marbled white and pink, nonmineralized, massive, some minor biotite salvages surrounding remnant Hbl clasts.										
66.00	66.21	**13** ***Late Mafic Dyke (Unsubdivided)*** similar description to the mafic dikes noted above, nonmineralized. sharp planar upper contact at around 70 TCA with small 1cm band of light green alteration halo.Lower contact is at around 70 degrees TCA										
66.21	66.60	**7h** ***Hornblendite*** dark green , Mg, massive and nonmineralized.										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
66.60	67.83	**10ac** ***Granite*** Mg with PEG patches, pink nonmineralized granite										
67.83	68.59	**7h** ***Hornblendite*** dark green, mg, obvious xenos in granite with xeno contacts often aligned with core axis. Nonmineralized										
68.59	69.25	**10ac** ***Granite*** same as above description										
69.25	69.45	**7h** ***Hornblendite*** lower contact possibly cut my small irregular dike										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
69.45	70.05	**7bb** ***Pyroxenite (unsubdivided)*** pyroxenite, dark green, coarse grained +- cummulate texture and poikiolitic. Nonmineralized. Possibly some reaction rims or overgrowth on some of the coarser grained remnant pyroxenes.										
70.05	72.37	**10ac** ***Granite*** similar to the above with peg patches and nonmineralized.										
72.37	73.25	**7h** ***Hornblendite*** fg, dark greyish green, massive and nonmineralized										
73.25	73.94	**10ac** ***Granite*** mg, pink-orange granite, nonmineralized										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
73.94	74.25	**13** ***Late Mafic Dyke (Unsubdivided)*** dark grey, aphanetic, contacts are planar at around 70 degrees TCA										
74.25	74.68	**10aa** ***Tonalite*** similar to the rest of the tonalite with the acception of a weak foliation at around 35 degrees TCA.										
74.68	74.86	**13** ***Late Mafic Dyke (Unsubdivided)*** similar to the above descriptions but cut my small tonalitic/granitic whisps										
74.86	76.88	**7hx** ***Hornblendite breccia*** dark green, fg-mg, non mineralized hornblendite cut by a few small intevals of grantie. Subinterval- 75.27-75.71 - pink coarse grained, nonmineralized granite.	1384882	75.00	76.00	1.00	330	101	35	0.00	0.03	0.01
			1384883	76.00	77.00	1.00	494	152	55	0.00	0.03	0.03

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
76.88	78.18	**7bbm** ***Mineralized Proxenite*** dark green, mg-cg, poikiolitic and orpatchy cumulate remnant pyroxene texture observed. .5% blebby Cpy and Po. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 76.88 - 78.18 POCP BL 0.5 remob into small stringers or veins throughout pyroxenite	1384884	77.00	78.18	1.18	522	152	61	0.00	0.06	0.07
78.18	79.00	**10aa** ***Tonalite*** dark grey fine grained, fresh looking nonmineralized tonalite	1384885	78.18	78.90	0.72	89	20	9	0.00	0.02	0.01
79.00	79.32	**7bb** ***Pyroxenite (unsubdivided)*** dark green, mg, pyroxenite with trace sulphides ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 79.00 - 79.32 CPPO BL 0.2 small blebs of roughly 50/50 Cpy/Po	1384886	78.90	79.40	0.50	362	181	52	0.00	0.06	0.09
79.32	84.07	**10a** ***Granitic Rocks (unsubdivided)*** mixture of pink to white, fine to patchy PEG granite, with a few small sections of tonalite and some minor amounts clasts of seds/amphibolite. Nonmineralized with the exception of a small amount of Py near upper contact in a peg zone										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
84.07	85.57	**7bb** ***Pyroxenite (unsubdivided)*** med to coarse grained with patchy cumulate/poikiolitic texture, grainsize increases towards bottom of interval and unit is weakly porous 1%. Trace Po.	1384887	84.00	85.00	1.00	492	101	51	0.00	0.04	0.02
			1384888	85.00	86.00	1.00	395	106	35	0.00	0.05	0.06
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 84.07 - 85.07 PO BL 0.1										
85.57	86.15	**10aa** ***Tonalite*** fg-mg, grey fresher looking tonalite, nonmineralized.										
86.15	86.75	**7bb** ***Pyroxenite (unsubdivided)*** similar to the above description for pyroxenite but lacking mineralization.	1384889	86.00	87.00	1.00	330	60	41	0.00	0.02	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
86.75	92.64	**7hx** ***Hornblendite breccia*** black/dark green and pink hornblendite breccia (70%Hbl/30% intrusives). Dark grey/green mg massive hornblendite cut by several small planar veins and small intervals of granitic intrusives. Trace mineralization throughout with localized (91.75-92.1) 1.5% disseminated Cpy/Po, Cpy dominant ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 91.75 - 92.10 POCP BL 0.5 also found in small planar quartz veins.	1384890	87.00	88.00	1.00	260	106	43	0.00	0.03	0.02
			1384891	88.00	89.00	1.00	243	80	45	0.11	0.02	0.01
			1384892	89.00	90.00	1.00	160	40	37	0.00	0.02	0.01
			1384893	90.00	91.00	1.00	204	81	34	0.00	0.03	0.01
			1384894	91.00	92.00	1.00	363	276	46	0.01	0.04	0.03
			1384895	92.00	93.00	1.00	128	42	17	0.00	0.02	0.01
92.64	93.90	**10ac** ***Granite*** pink to white, Cg granite, non mineralized with localized PEG zone										
93.90	94.80	**7a** ***Amphibolite (metamorphosed Mafic V*** Dark-green, non-magnetic fine-grained amphibolite, ~0.5% fine pyrite disseminated along banding. Interval with numerous parallel and crosscutting bands of tonalite (~10% of interval ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 93.90 - 94.80 PY DIS 0.5											
94.80	95.20	**10acp** ***Granitic pegmatite***										

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		Highly irregular(invading folded rocks?) low-angle ~20 cm white-rimmed pegmatite, patchy white-orange in centre; kspar/qtz/epidote invading banding in the amphibolite along the lower margin										
95.20	97.90	**10aa** ***Tonalite*** Mixed tonalite/amphibolite, dominantly biotite tonalite, ~75/25. Tonalite is white-grey, medium-grained with ~2% biotite flecks. Amphibolite is fine-grained, green, and weakly banded. Units are complexly intermixed, showing evidence of (polyphase?) folding and melting/remobilization of tonalite cutting amphibolite banding. Unmineralized except for a few specks of pyrite at 96.55										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		96.55 - 96.60 PY DIS 0.5										
97.90	98.80	**7a** ***Amphibolite (metamorphosed Mafic V*** fine-grained, dark, weakly banded amphibolite. Cut by a couple veinlets of tonalite in the latst 30 cm of the interval. Trace pyrite										
98.80	100.30	**10ac** ***Granite*** pink-grey-white, fine to pegmatitic granite, with a banded appearance, probably including tonalitic intervals. Bands at ~75 deg TCA, parallel to contacts, variable coloured bands a few to ~20 cm across. No mineralization										

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
100.30	101.30	**7a** ***Amphibolite (metamorphosed Mafic V*** Well-banded, fine, dark-green amphibolite, monotonous, cut by tonalitic veinlets. Amphibole grains show enlargement around a late kspar-epidote altered vuggy fracture. No mineralization										
101.30	102.80	**10ac** ***Granite*** white-pink-grey, fine grained to pegmatitic granite, with irregular internal/external contacts, including low-angle, wavy pegmatite bands.										
102.80	103.00	**7ac** ***Gabbro*** Small, unusual mafic porphyritic dike. Fine (~1mm) pyroxene phenos in an aphanitic groundmass, with 0.2% disseminated pyrite; cut by later qtz + tonalite veinlets ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 102.80 - 103.00 PY DIS 0.2										
103.00	103.50	**10ac** ***Granite*** Pink pegmatitic granite, regular contacts, with an amphibolite xenolith near the upper contact (…). Trace										

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

pyrite disseminated in coarser pegmatitic veins

Mineralization Maj. :	Type/Style/%Mineral	Comment
103.00 - 103.50	PY DIS 0.05	

103.50 105.70 **7a** ***Amphibolite (metamorphosed Mafic V***

Dark green, fine-grained, variable amphibolite; moderate to very well-banded, including bands of tonalite, epidote-qtz, qtz-chloriet, etc. Some recrystallzation and grain size increase at contact with granite. Trace diss. Pyrite along bands in some sections, otherwise unmineralized

105.70 107.80 **10ac** ***Granite***

Variable pink-white-grey granite, fine to coarsely pegmatitic (kspar xstals to ~5cm), also including amphibolite xenoliths at 106-106.3 and 106.9-107.15, and a 10 cm coarse qtz porphyry at 107.5, with rounded smoky qtz phenos to 1 cm. The coarsely pegmatitic section (from 105.7-16.9) contains ~0.1% disseminated pyrite

Mineralization Maj. :	Type/Style/%Mineral	Comment
105.70 - 106.90	PY DIS 0.1	

107.80 111.50 **7a** ***Amphibolite (metamorphosed Mafic V***

Mixed ~50/50 dark green, weakly banded fine-grained amphibolite and light grey to dark grey, medium-grained tonalite, cut by small (2-3 cm) white to light pink pegmatite veins. Contacts between units generally cut banding in amphibolite, and the tonalite is likely intrusive in origin? SUBINTERVALS: 17.8-108.65; amphibolite. 108.65-109.4; dark-grey tonalite, with white pegmatite at both contacts. 109.4-

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		110.2; amphibolite. 1102.-111.1; pale medium-grained tonalite, with some pale pink grains and veinlets cutting 111.1-111.5; banded fine amphibole with some tonalite interbands. All ~unmineralized										
111.50	112.70	**7a** ***Amphibolite (metamorphosed Mafic V*** Medium-grained, dark green "hornblendite" (amphibolite? Maybe a coarser mafic flow); still shows a weak fabric but coarser grain size. Possibly gradational into the underlying unit. Cut by a few small white pegmatite veinlets. Unmineralized										
112.70	113.90	**7ax** ***Amphibolite breccia*** Unusual vuggy qtz-feldspar rich grey-green-brown 'amphibolite' with a speckled appearance and abundant porosity (3%?). Banded, and including fragments of the overlying "hornblendite"; ~30% sharp clasts (or interbeds?) of amphibolite within the bottom 40 cm, then decreasing towards bottom contact. Possibly an interflow breccia? Unit contains ~2% disseminated pyrite at bottom contact only (113.7-113.9)	1384896	113.60	114.00	0.40	88	54	15	0.00	0.02	0.01

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
113.70 - 113.90	PY DIS 2	

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
113.90	115.50	**10ac** ***Granite*** Pink, fine to pegmatitic granite, with a very weak fabric defined by alligned biotite grains and rare mafic selvages (relict remnant banding?). Small section from 115.3 - 115.5, includes a smeared-out, sulphide-biotite rich mafic selvage, ~5% pyrite in this interval. Otherwise unmineralized	1384897	114.00	115.00	1.00	61	8	2	0.00	0.03	0.01
			1384898	115.00	115.50	0.50	59	76	2	0.10	0.02	0.01

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***
115.30 - 115.50 PY CL 5

115.50	116.60	**10aa** ***Tonalite*** Meidum-grey, medium-grained tonalite, with partially digested indistinct grey xenoliths throughout										
116.60	117.50	**7a** ***Amphibolite (metamorphosed Mafic V*** Intimately intermixed (50/50) and folded white tonalite and dark-green, fine-grained banded amphibolite; also some crosscutting white dikelets of tonalite. Trace py associated with altered late fractures										
117.50	121.30	**7a** ***Amphibolite (metamorphosed Mafic V*** Dominantly fine-grained dark green unmineralized and weakly banded amphibolite. Interbedded with a coarse, intermediate white-green porphyroblastic (to ~0.5 cm) flow from 120.5-121.1. Banding also cut by a number of variable, irregular and composite light to dark grey tonalite intrusions; including an irregular low-angle light-grey fine-grained tonalite rolling along core from 118.3-118.6, and a composite light and dark grey tonalite from 119.4-120.3 and 121.1-121.3										

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
121.30	121.50	**10ac** ***Granite*** Small dike of fine-grained pink granite marbled with grey; trace py										
121.50	122.60	**7a** ***Amphibolite (metamorphosed Mafic V*** Fine-grained, dark-green amphibolite, interbedded with the same coarse intermediate flow from 121.5-121.6, and invaded and folded with medium-grained white tonalite from 122.3-122.6. No mineralization										
122.60	123.00	**10ac** ***Granite*** Light-pink, medium-grained granite, with a weak lineation defined by biotite 'needles'. Includes some biotite selvage with minor (0.2%) pyrite.										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		122.60 - 123.00 PY Frag 0.2										
123.00	128.45	**7a** ***Amphibolite (metamorphosed Mafic V***										

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

Moderately banded, fine dark-green non-magnetic. Appearance is variable, in places streaky and possibly showing primary pyroclasts. Includes frequent cross-cutting and banding-parallel tonalite dikelets, pegmatite dikelets as well as small, grainy qtz veinlets. In particular; 123-123 contains ~30% dark-grey medium-grained sub-concordant tonalite bands; 125.5-125.7 contians and irregular white-pink pegmatitic to quartz-porphyritic granitic vein with minor diss. Pyrite; and 126.2-126.4 contains a light pink, medium to pegmatitic granite dike. Occasional minor pyrite in streaky-crosscutting tonalite bands, otherwise unmineralized

Mineralization Maj. :	Type/Style/%Mineral	Comment
125.50 - 125.70	PY DIS 0.1	

128.45 129.40 **10aa** ***Tonalite***

Dark to medium-grey, meiudm-grained tonalite; weak foliation/lineation defined by biotite. Invaded in centre by an irreuglar pink pegmatite interval. No mineralization

129.40 129.65 **7a** ***Amphibolite (metamorphosed Mafic V***

fine-grained, dark green well-banded amphibolite fragment

129.65 131.80 **10acp** ***Granitic pegmatite***

Wide interval of variable, medium to pale pink pegmatitic to porphyritic granite. Most of the interval is coarsely pegmatitic, including kspars crystals up to 8 cm across, with orange kspar concentrated on rims and fractures; also showing occasional albite(?)-qtz graphic texture. Section from 130.7 - 131.2 is grey-

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		pink qtz-porphyritic with coarse (to 1 cm) rounded smoky qtz phenos. Very occasional (trace) py grains in both units										
131.80	132.30	**7a** ***Amphibolite (metamorphosed Mafic V*** Dark-green, finely banded fine-grained amphibolite; cut a a grainy low-angle irregular qtz-chlorite veinlet.										
132.30	134.10	**10aa** ***Tonalite*** White-grey, medium-grained biotite-tonalite, moderately foliated/lineated, cut by a fine pink granitic dike at 133-133.2, and with a few biotitic (mafic) clasts from 133.5-134.1, including a band of biotite-pyrite following foliation at 133.6; otherwise with trace disseminated pyrite.										
134.10	135.00	**7a** ***Amphibolite (metamorphosed Mafic V*** Section with ~50:50 intimately intermixed tonalite and amphibolite; amphibolite is banded, cinludes a ~10 cm leucocratic band at 134.2, but mostly fine-grained, dark green and monotonous; tonalite is white-gray, medium-grained, and crosscuts/irregularly intrudes amphibolite bands. Both tonalite and amphibolite host disseminatd pyrite, ~1% fine py from 134.6-135	1384899	134.10	135.00	0.90	101	64	22	0.00	0.03	0.01

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
134.60 - 135.00	PY DIS 1	

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
135.00	135.60	**10acp** ***Granitic pegmatite*** Coarse, pink, relatively uniform grantiic pegmatite, cut bya couple qtz veinlets										
135.60	136.00	**7a** ***Amphibolite (metamorphosed Mafic V*** Fine-grained dark green monotonous amphibolite clast, weak banding, cut by a small white pegmatite vein										
136.00	136.60	**10acp** ***Granitic pegmatite*** Coarse, pink, relatively uniform grantiic pegmatite, cut by a couple qtz veinlets. With minor (0.1%) pyrite, associated with biotite, disseminated and next to small pegmatite-related (late pegmatitic) qtz veins ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 136.00 - 136.60 PY DIS 0.1										
136.60	137.10	**7a** ***Amphibolite (metamorphosed Mafic V*** Fine-grained, dark-green, porous (1.5%?) non-magnetic amphibolite. Cut by a ~2 cm tonalite straight-edged tonalite vein, and by a single, py-chlorite lined fracture; otherwise unmineralized										

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
137.10	139.35	**10acp** ***Granitic pegmatite*** Variable pink-white-grey fine to coarsely pegmatitic granite, with pegmatite dominating. Includes small rounded (eroded) amphibolite clasts near the top contact, as well as angular tonalite-amphibolite clasts from 138.4-139.35 (~5% in this interval). Predominantly unmineralized; but a short section from 137.5 - 137.55 includes ~2% cpy associated with biotite on the margin of a pegmatitic vein. Possibly remobilized from a nearby mineralized clast? This could be a target for downhole IP ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 137.50 - 137.55 CP CG 2 associated with biotite; on the margin of a pegmatite vein	1384901	137.10	137.60	0.50	86	96	3	0.01	0.03	0.01
139.35	139.84	**7a** ***Amphibolite (metamorphosed Mafic V*** Fine-grained dark green amphibolite, weak banding, cut by some white pegmatite stringers, and with a bit (0.2%) of pyrite in qtz-chlorite-kspar-epidote "clots" and stringers, possibly remobilized primary features ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 139.35 - 139.84 PY STR 0.2 with epidote-qtz-kspar-chlorite in clots and stringers											
139.84	141.00	**7h** ***Hornblendite*** nonmineralized, dark green, fg-mg massive hornblendite with some small veins of tonalitic material cutting through core at about 60 degrees TCA.										

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
141.00	142.65	**10ac** ***Granite*** pink, grey, white and black,fine-grained to pegmatitic granitic interval rimmed by tonalite and including several tonalitic blocks. Tonalite is dominant from141-141.5, where it is medium grained, salt and pepper, and cut by several pegmatite veins. A coarse, pink, pegmatitic interval from ~141.7-141.9 contains ~0.2% disseminated pyrite with biotite; otherwise unmineralized										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		141.70 - 141.90 PY DIS 0.2										
142.65	144.70	**7a** ***Amphibolite (metamorphosed Mafic V*** Intermixed amphibolite and tonalite interval; dominantly amphibolite (65:35). Amphibolite is variable, dark green to dark green with light green (epidote) specks and streaks. Strongly banded in some sections, with streaking possibly suggestive of folding. Tonalite intervals (from 143.4-143.6 and 144.2-144.4) are mor eregular, light grey to white, medium-grained with biotite flecks. The former is mostly grainy quartz with a foliation defined by biotite, follows bedding and is most likely primary (rhyolite horizon or chert bed?). The latter is definitely a laterintrusive, also follows banding and includes a small pink pegmatitic section. None of this is mineralized in any significant way										
144.70	145.00	**10ac** ***Granite*** Pink, fine-grained granite with some pegmatitic veining near the centre of the dike										

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
145.00	146.60	**7a** ***Amphibolite (metamorphosed Mafic V*** Dark, fine-grained green amphibolite, moderately to strongly banded, and with some "tonalite" interbeds at 145.1-145.3 and 145.9-146.2 (these are possibly chert and metadacite, respectively). Cut by a few pegmatite veins. Unmineralized										
146.60	147.20	**10ac** ***Granite*** pink and white, medium to pegmatitic granite, with several diffuse to sharp and angular clasts of amphibolite entrained. Contacts are very irregular. Trace disseminated pyrite associated with biotite ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 146.60 - 147.20 PY TR 0.05										
147.20	149.10	**7a** ***Amphibolite (metamorphosed Mafic V*** Dark-green, fine-grained, moderately banded amphbioilte cut by a few pegmatite veins										
149.10	150.00	**10ac** ***Granite*** Varibale pink to grey, fine to med grained granite,with quartz-feldspar porphory. Interval is cut by a few pegmatite veins and a xenolith of amphibolite 5 cm from the upper contact, apparently in a xenolith (?) of quartz-feldspar porphyry. Unmineralized. 150m is EOH										

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LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-010** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)

DRILL HOLE REPORT

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	330
Dip:	-60
Length:	135
Started:	25-Mar-16
Completed:	27-Mar-16
Logged:	02-Apr-16

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	3012938
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	Jessie Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Neil Pettigrew
Surveyed:	yes
Surveyed by:	John Fingas
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	

Comment: drilled to avoid standby, it is an undercut of hole TK-16-010 on the same setup

Coordinate - Gemcom

East:	605452.6
North:	5420368
Elev.:	348.93

Coordinate - UTM

East:	605452.6
North:	5420368
Elev.:	348.93
Zone:	16
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	330.00	-60.00	C	☑	
18.00	335.80	-60.20	EZ	☑	mag field- 56006
66.00	339.10	-60.30	EZ	☑	mag field - 56237
117.00	341.10	-60.10	EZ	☑	maf field - 56021

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	2.50	**OVB** ***Overburden/Casing***										
2.50	5.10	**7bbm** ***Mineralized Proxenite*** this unit is a mineralized heterolithic pyroxenite breccia. Clasts are dominantly mineralized pyroxenite (60) and hornblendite (20) with about 20% granitic and tonalitic intrusives cutting interval,ranging in size from 2cm-12cm wide. Mineralization sits around 1% blebby Cpy overall, larger blebs (3mm) are generally within talc altered clinopyroxenite. Mafics are relatively massive, weakly poikiolitic texture.	1384902	2.50	3.50	1.00	913	522	58	0.01	0.08	0.10
			1384903	3.50	4.50	1.00	1668	770	63	0.01	0.10	0.10
			1384904	4.50	5.35	0.85	672	84	29	0.00	0.03	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 2.50 - 5.10 CPPO BL 1										
5.10	7.95	**7h** ***Hornblendite*** dark green, mg, fairly massive horblendite with trace Cpy and small intervals of mineralized pyroxenite (2% blebby Cpy), particularly from 7.35-7.8. texture ranges from massive to subophitic. Localized patches of porous (2%) hornblendite.	1384905	5.35	6.35	1.00	688	108	51	0.00	0.04	0.01
			1384906	6.35	7.35	1.00	566	80	42	0.00	0.05	0.03
			1384907	7.35	7.80	0.45	3030	2699	92	0.02	0.08	0.10
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 5.10 - 7.35 CP BL 0.2 7.35 - 7.80 CP BL 2 7.80 - 7.95 CP BL 0.1										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology
7.95	10.52	**10acx** ***Granite breccia*** mineralized heterolithic granite breccia (60% intrusive) mineralization is mainly Cpy, blebby and around 1% overall. Mineralization has been remobed along quartz veins of strongly deformed aphibolite at 8.9m. Clasts of green, mg biotite altered hornblendite (20%), dark grey fg-mg amphiboite (20%) and mineralized talc altered clinopyroxenite (60%). ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 7.95 - 8.75 CP BL 0.2 8.75 - 9.47 CP BL 2 blebby Cpy in a strongly deformed seds/amphibolite section with upper contact with granitic intrusive and large peg vein running along the core axis. Some of the blebby Cpy has been remobed along quartz veins 9.47 - 10.19 CP BL 3 blebby sometimes fuzzy blebs in a talc altered pyroxenite clast 10.19 - 10.52 CP VN 0.1 fracture and vein controlled remob into a tonalitic intrusive
10.52	14.80	**7bba** ***Clinopyroxenite*** light grey/green coarse grained pyroxenite. moderate to strong talc alt, weak to mod biotite alt both pervasive, patchy weak magnetite often localized to strongest talc alt sections. Blebby Cpy and replacement style Py? 15% overall. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 10.52 - 14.80 PY EX 15 10.52 - 14.80 CP BL 5

Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
1384908	7.80	8.75	0.95	430	267	14	0.01	0.01	0.02
1384909	8.75	9.45	0.70	5222	4108	97	0.04	0.15	0.19
1384910	9.45	10.20	0.75	11855	6956	190	0.05	0.28	0.38
1384911	10.20	10.55	0.35	1609	3696	29	0.02	0.09	0.10
1384912	10.55	11.15	0.60	9936	4777	185	0.04	0.24	0.31
1384913	11.15	11.65	0.50	6067	4374	114	0.02	0.08	0.14
1384914	11.65	12.30	0.65	19087	3434	336	0.01	0.32	0.59
1384915	12.30	12.80	0.50	21557	7016	327	0.03	0.28	0.66
1384916	12.80	13.80	1.00	24622	4596	388	0.01	0.32	0.74

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1384917	13.80	14.80	1.00	19000	4682	250	0.02	0.22	0.58
14.80	15.85	**10ab** ***Granodiorite*** white with pinkish hue, coarse grained, massive granitic intrusive. There is a small amount of fracture controlled remob of blebby Cpy into the intrusive at around 15.65.	1384918	14.80	15.35	0.55	266	123	2	0.00	0.02	0.01
			1384919	15.35	15.85	0.50	731	1636	17	0.01	0.02	0.03
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 14.80 - 15.85 CP F 1 localized to small dark green veins or fracture fills										
15.85	16.09	**7hm** ***Mineralized hornblendite*** dark green, mg, massive mineralized hornblendite. Weak to mod, pervasive biotite alteration, with increased intensity along planar contacts with surrounding intrusive. Nonmagnetic, Mineralization is blebby Cpy 1%										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 15.85 - 16.09 CP BL 0.2										
16.09	16.56	**10aa** ***Tonalite*** white and marbled pink tonalite/granodiorite. Nonmineralized and nonmagnetic	1384921	15.85	16.55	0.70	1579	376	37	0.00	0.04	0.05

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
16.56	18.12	**7bbm** ***Mineralized Proxenite*** dark green Mg to Cg, massive, subophitic to ophitic, mineralized, nonmagnetic pyroxenite. Several small veins of quartz and intrusive cut unit with some of the veins often hosting small blebs of Cpy. Mineralization is around .5%.	1384922	16.55	17.45	0.90	1157	1770	55	0.05	0.06	0.08
			1384923	17.45	18.15	0.70	287	149	58	0.00	0.04	0.05
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 16.56 - 18.12 CP BL 0.5 vein hosted as remob and interstitial										
18.12	30.00	**10acx** ***Granite breccia*** monolithic differentiated granite amphibolite breccia. Intrusive to clast (35/65). Granites go range from pink granite to whitish granodiorite with small localized PEG patches +-magnetite. Clasts are composedof metamorphosed dark grey sediments with remnant bedding planes preserved with strong biotite and aphibole alt to fg, dark grey amphiboite with patches of strongly altered and smeared hornblendite (minimal). All non mineralized. The only magnetic features are small dark brown/black whispy bands of biotite/magnetite randomly distributed throughoutthe amphibolite.	1384924	18.15	18.85	0.70	121	36	21	0.00	0.02	0.02
30.00	31.16	**13** ***Late Mafic Dyke (Unsubdivided)*** dark grey and black,soft, mafic dike with subhedral to anhedral pyroxenes and calcite, pyroxenes have been altered to amphibole. Pervassive moderate to strong magand moderate calcite alteration. Nonmineralized with rubbled upper contact and sharp lower contact with hornblendite.										
31.16	35.22	**10acx** ***Granite breccia***										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		pinkish granite breccia with mostly green, strongly altered hornblendite clasts, both non mineralized with localized patches of weak mag in the granite (small whispy remnant clasts?). Intrusive to clast 60/30.small peg patches within granites and small 30cm zone of saussuritized plag near upper contact with dike.										
35.22	37.09	**10ac** ***Granite*** pink andwhite coarse grained with peg patches, massive granite. Small fine grained (1%) magnetite disseminated throughout interval. Non mineralized and only weakly and localized magnetic.	1384925	36.30	37.50	1.20	130	32	20	0.00	0.02	0.01
37.09	37.84	**7h** ***Hornblendite*** dark green, mg, mixed hornblendite and amphiboite unit, few flecks of Py at the upper contact. Similar description to the rest of the hornblendite but with weak ophitic texture. Nonmineralized and nonmagnetic.										
37.84	38.09	**10ac** ***Granite*** coarse grained pink granite, massive texture, nonmineralized with weak disseminated fine grained magnetite, <1%										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
38.09	39.36	**7bb** ***Pyroxenite (unsubdivided)*** dark green, mg to cg, massive, adcumuate? Nonmineraized, nonmagnetic, hornblende and biotite altered proxenite. Subunit- 39.2- 39.36 hornblendite, light green, weak folitation 70 TCA.	1384926	37.50	38.70	1.20	188	64	38	0.00	0.02	0.01
			1384927	38.70	39.40	0.70	285	81	47	0.00	0.02	0.02
39.36	39.94	**10ac** ***Granite*** pink massive cg granite, weakly magnetic and nonmineralized										
39.94	43.13	**7ax** ***Amphibolite breccia*** This unit is a large clast primarily composed of fg dark green amphibolite with patches of Hornblendite and minor pyroxenite, all nonmineralized and nonmagnetic.patchy variable biotite alteration										
43.13	47.05	**10ac** ***Granite*** see above description. Unit is very similar with some tonalitic material mixed in. nonmineralized and nonmagnetic										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
47.05	47.18	**13** ***Late Mafic Dyke (Unsubdivided)*** aphanetic, dark grey/green mafic dike, sharp planar upper contact at around 30 degrees TCA with irregular lower contact cutting a small granite PEG patch. Nonmineralized and nonmagnetic										
47.18	48.33	**10ac** ***Granite*** pink coarse grained massive pink granite with small patches of PEG. Upper contact near dike has been disturbed and deformed from lower contact of the dike to about 47.55m, it looks like the dike has a small splay that worked its way into a peg zone, epidote alteration following small irregular stringers in this zone with trace py.										
48.33	49.04	**7a** ***Amphibolite (metamorphosed Mafic V*** a light green,banded appearance due to possibe remnant sed bedding which defines a weak foliation. Irregular contacts with granitic intrusive. Nonmagnetic and trace py										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 48.33 - 49.04 PY DIS 0.1										
49.04	50.20	**10ac** ***Granite*** pink to whitish coarse grained granite. Nonmineralized and nonmagnetic.										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
50.20	51.45	**7h** ***Hornblendite*** somewhat mixed unit with the clast in contact with granite at a high angle to the core axis. Greenish, nonmagnetic, visible grains of subhedral hornblende (replacement), trace mineralization Py	1384928	50.72	51.45	0.73	107	51	30	0.00	0.02	0.02
		Mineralization Maj. : 50.20 - 51.45 ***Type/Style/%Mineral*** PY DIS 0.1 ***Comment***										
51.45	51.84	**10ac** ***Granite*** granite unit with PEG in the center and finer grained near contacts with hornblendite clasts. Weakly vuggy and porous (1%), nonmagnetic and nonmineralized.										
51.84	52.84	**7a** ***Amphibolite (metamorphosed Mafic V*** dark grey fine grained banded amphibolite unit with small patches of hornblendite (minor).										
52.84	57.40	**10aax** ***Tonalite breccia***										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		whitish, mg, tonalitic intrusive cutting several clasts of nonmineralized hornblendite and amphibolite,. Intrusives dominate the unit with a ratio of intrusive to clast 70/30. subunits - 53.28-53.48, 53.95-54.24, 54.68-55.56, 56.77-57.4 clasts of mostly mixed units comprised of fg dark grey amphibolite with visible needles of amphibole and minor mg hornblendite with weak foliation. Both units are nonmineralized and nonmagnetic with the exception of weakly magnetic small patches of deformed amphibolite clasts (minor). Trace amounts of disseminated euhedral py <1%.										
57.40	65.70	**10acx** ***Granite breccia*** black and red, coarse grained, weak hem altered granite breccia hosting very deformed and partially assimiated, small fragments of hornblendite and amphibolite (only about 15% of unit). Clasts have a very irregular whispy habit to any remaining bedding and orange color to plag.subunit - 63.65-65.47 hematite altered tonalite, weakly magnetic with hem alt weak and pervasive with mod alt localized to fractures and small veinlets, often found with epitdote ateration particularly on fracture surfaces. Trace amounts of disseminated Py throughout interval	1384929	61.00	62.25	1.25	125	18	24	0.00	0.02	0.02
			1384930	62.25	63.25	1.00	151	21	22	0.00	0.01	0.02
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 57.40 - 65.70 PY DIS 0.1										
65.70	66.70	**10aax** ***Tonalite breccia*** this unit is a mg brittly deformed tonalite which is strongly altered by hematite and moderate epidote. Massive texture but strongly fractured and annealed except at 66.22-66.33 where a altered rubble zone and some fault gouge(red clay) exists. Unit is brecciated with hematite and epidote filling and altering along many of the planar fractures. Nonmineralized and only weakly mineralized in patches. Trace disseminated Py	1384931	66.00	67.00	1.00	77	28	9	0.00	0.02	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 65.70 - 66.70 PY DIS 0.1										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
66.70	72.90	**7ax** ***Amphibolite breccia*** fg amphibolite breccia with minor localized patches of Mg amphibolite. Unit is cut by several tonalitic veins at random orientations and variable thicknesses. These veins near the upper contact are hematite altered. Patches of light green altereation epidote? Alt often formning small halos around the plag rich irregular habit veins.										
72.90	74.30	**10ac** ***Granite*** coarse grained, pink, nonmagnetic and non mineralized grantie with a small deformed clast of hornblendite. Subintervals - 73.7-73.95 deformed mg light green hornblendite with whispy foliation and irregular contacts with granite. Hornblendite clast becomes porous at irregular bottom contact. Nonmineralized and nonmagnetic										
74.30	76.05	**7a** ***Amphibolite (metamorphosed Mafic V*** fg,dark grey/black, weakly foliated to massive, small needles of amphibole throughout with minor patches of granite intrusive with degraded smeared grain boundaries and often times small bands of epidote alteration. Nonmineralized and nonmagnetic. Subinterval- 75.66-75.88 granite intrusive. Pyrite localized to whispy intrusive at 75.44. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 74.30 - 76.05 PY DIS 0.1	1384932	75.00	75.68	0.68	142	41	41	0.00	0.03	0.02

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
76.05	76.75	**10ac** ***Granite*** coarse grained, massive pink granite. Pegmatite patch near middle of interval and weakly magnetic localized to lower contact with amphibolite										
76.75	77.24	**7a** ***Amphibolite (metamorphosed Mafic V*** dark grey/black, fg aphibolite, same as previous descriptions. Small (1-2cm) dark black bleb with euhedral and subhedral pyrite and weakly magnetic at 77.05m. Trace vein controlled Py also present near the bottom contact with dark grey fg tonalite. Overall unit is nonmagnetic and nonmineralized. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 76.75 - 77.24 PY VN 0.1										
77.24	78.00	**10aa** ***Tonalite*** dark grey, fine grained, massive tonalite. Nonmineralized and nonmagnetic. Sharp contacts.										
78.00	81.05	**10acx** ***Granite breccia*** monolithic ,pink, coarse grained with local peg patches granite breccia with dark grey, fg, amphibolite clasts. Subunits- amphibolite clasts - 79.05-79.22, 79.28-79.33, 80.46-80.61 - same description of amphibolite, weak foliation, visible needles of amphiboles, trace py mineralization and nonmagnetic with small localized patches of epidote alt near contacts ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment***										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		78.00 - 81.05 PY DIS 0.1										
81.05	93.53	**10acx** ***Granite breccia*** heterolithic granite breccia. Granites range from pink Cg granite to tonalite with clasts composed of nonmineralized green hornblendite and lesser amounts of dark grey fine grained amphibolite.intrusive to clast ratio (60/40). Many of the contacts between intrusive and clasts almost run parallel to the core axis. Nonmineralized with only localized magnetic black bands within the granite (minimal). Subunits - 82-82.55, 85.04-85.36, 87.63-87.9, 88.7-89.72, 91.68-91.88, 92.46-92.97 - nonmineralized Mg, green, massive hornblendite. 90.06-90.72 coarse grained quartz feldspar porphory. Unit has small (1mm) angular pits 1%, nonmineralized with small fractures showing redish orange alteration halo (1-2mm) and pervasive moderate magnetite ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 81.05 - 93.00 PY F 0.1	1384933	82.00	83.00	1.00	257	12	36	0.00	0.02	0.02
			1384934	89.00	89.63	0.63	174	36	50	0.00	0.02	0.01
93.53	94.87	**10acx** ***Granite breccia*** roughly equal amounts of nonmineralized , green, mg weakly foliated hornblendite and granite /tonalite, tonaite is generally in contact with the hornblendite with granite splitting the tonalite. Nonmineralized with only weak mag in the granite sections										
94.87	96.14	**7h** ***Hornblendite*** green, mg, nonmineralized and nonmagnetic hornblendite, weak lineation observed in coarser honblende grains. Small whisps of tonalitic intrusive in and out of interval	1384935	95.00	96.00	1.00	170	50	53	0.00	0.02	0.01

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
96.14	97.76	**10ac** ***Granite*** marbed pink and whitish coarse grained, massive, nonmineralized and nonmagnetic. Small localized peg patches cut the granite randomly										
97.76	103.65	**7hx** ***Hornblendite breccia*** fairly mixed unit between green mg hornblendite and amphibolite clasts often either split by small whisps of tonalitic intrusive or in direct contact with each other. Hornblendite to amphibolite (70/30). Nonmineralized with the acception of trace Py and only minor patches of moderately magnetic heavily biotite atered black whisps often found between clasts of hornblendite and amphibolite.	1384936	100.00	101.00	1.00	132	52	38	0.02	0.03	0.01
103.65	107.15	**10acx** ***Granite breccia*** pinkish white granitic intrusives with two clasts of nonmineralized hornblendite. Granite does have a rather large peg patch and is nonmagnetic and nonmineralized. Subunits- 103.82-103.9, 104.65-104.93 small hornblendite mg weakly lineated hornblendite, nonmineralized and nonmagnetic.										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
107.15	111.60	**7hx** ***Hornblendite breccia*** unit is made up of whitish tonalite and granitic intrusives and several green mg hornblendite and dark grey amphibolite clasts. Units are cut by several small irregular and planar veins of tonalitic material often running parallel with the core axis. Clast to intrusive (70/30). Nonmineralized and nonmagnetic except for a small localized area with trace py localized to a small vein of tonalite at 111.5 and weakly magnetic	1384937	111.00	111.60	0.60	140	146	46	0.00	0.02	0.02
111.60	115.39	**10ac** ***Granite*** multi phase granite ranging from pink pegmatitic granite to whitish mg tonalite intermingled. Some small patches of magnetic peg with magnetite localized often near large kspar grains. Nonmineralized										
115.39	117.24	**7h** ***Hornblendite*** green, mg, weakly foliated (70 TCA), nonmineralized and nonmagnetic, weak biotite altered hornblendite. Contacts are sharp and around 40TCA.										
117.24	118.70	**10a** ***Granitic Rocks (unsubdivided)*** granitic interval with pinkish Cg to PEG with small intervals of mg tonalite mixed in. often seperated with occasional granitic intrusive cutting the tonalite. Nonmineralized and Weakly magnetic with small needles of magnetite visible near peg zones.										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
118.70	122.40	**7h** ***Hornblendite*** mg green, visible hornblend grains, weakly foliated at around 30 TCA, nonmagnetic with trace mineralization of Py largely confined to fracture planes with fg epidote.										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 118.70 - 122.40 PY F 0.1										
122.40	124.09	**10ac** ***Granite*** Cg to PEG, marbled pink and white, massive granite. Small peg patches and pervassively but very weakly magnetic. Nonmineralized										
124.09	125.02	**7h** ***Hornblendite*** same horblendite as previous description. Nonmagnetic and nonmineralized. Subunit - 124.87-125.02 small coarse grained granitic intrusive with vugs often hosting euhedral fg-mg epidote.										
125.02	125.35	**13** ***Late Mafic Dyke (Unsubdivided)*** dark grey,aphanetic, mafic dike, massive with sharp upper contact with smal xenoliths of granite and										

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		weakly planar lower contact. Immediately above and below dike the granite is vuggy with fg euhedral epidote filling some vugs. Nonmineralized and nonmagnetic										
125.35	126.26	**10ac** ***Granite*** Cg to Mg, massive red granite with weak k/hem alteration. Locally pegmatitic localized to upper and lower contact.										
126.26	128.91	**7hx** ***Hornblendite breccia*** this unit is a pervassively weakly epidote and hematite altered green mg hornblendite breccia with minor granitic intrusives cutting the hornblendite at random orientations and variable thicknesses. Many of the intrusive veins are pourous and vuggy often filled by epidote and moderately altered by hem/potassic alt. unit is nonmineralized and nonmagnetic	1384938	126.50	127.50	1.00	126	55	36	0.00	0.02	0.02
128.91	129.11	**10ac** ***Granite*** This interval is a red cg grantie with a few clasts of red and dark grey HBL? Clasts are small and very minor part of the unit but add to the overal appearance of deformation in this zone. There has been mod to strong localized green alteration especially evident proximal to fractures. Very vuggy with visible mg euhedral epidote. Trace amounts of fg-mg euhedral pyrite often found on some of the fracture planes hosting epidote. Unit is nonmineralized and nonmagnetic	1384939	128.50	129.50	1.00	678	299	35	0.00	0.03	0.02

Hole Number **TK-16-011** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
129.11	131.30	**7h** ***Hornblendite*** green, mg, weakly foliated (30 TCA), nonmineralized hornblendite. Weak patchy magnetic areas often localized to the margins of small intrusive veins. 1% porosity, small pits randomly oriented in core.										
131.30	131.88	**10ac** ***Granite*** pink coarse grained granite, nonmineralized and nonmagnetic, similar to most of the other pink granites in the hole										
131.88	135.00	**7hx** ***Hornblendite breccia*** unit is a greenish, mg, fairly massive hornblendite clast cut by several small veins of granitic intrusive. Coarser subhedral hornblende grains can sometimes be found proximal to tonalitic intrusive whisps. Nonmineralized and nonmagnetic. 135 is EOH										

DRILL HOLE REPORT

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	150
Dip:	-65
Length:	237
Started:	28-Mar-16
Completed:	30-Mar-16
Logged:	05-Apr-16

Casing

Length:	0
Pulled:	yes
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	4203378
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	John Fingas
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Neil Pettigrew
Surveyed:	yes
Surveyed by:	Jessie Koroscil
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	yes

Comment: targeting a 2011 Aeroquest weak Mag & EM anomaly beneath Bruce Lake

Coordinate - Gemcom

East:	608919.13
North:	5423648.14
Elev.:	335

Coordinate - UTM

East:	608919.13
North:	5423648.14
Elev.:	335
Zone: 16	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	150.00	-65.00	C	☑	
30.00	152.50	-65.00	EZ	☑	mag - 58161
81.00	157.10	-65.30	EZ	☑	mag - 56020
135.00	164.60	-64.80	EZ	☑	mag - 55984
189.00	166.60	-63.90	EZ	☑	mag - 55956

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
14.75	16.20	**10aa** ***Tonalite*** Splotchy+ patchy to banded,heterogenous, white and black with white splotches. Probably late, multi-phase,and showing extensive wallrock contamination, with composition becoming more mafic (and with more wallrock xenoliths) towards the lower contact										
16.20	22.40	**7a** ***Amphibolite (metamorphosed Mafic V*** Strongly banded dark to light green, fine-grained amphibolite (possibly sediments???). With abundant light green, epidote-rich (and occasionally vuggy) bands throughout but decreasing towards bottom of interval; also with many fine leucocratic bands. Some areas show tight folding. Cut and/or brecciated by numerous small coarse-grained black+white dioritic (contaminated tonalite?) dikes, including from 20.5-20.8 and 21.9-22.2										
22.40	23.20	**10ad** ***Syenite*** Medium-dark grey, fine-grained homogeneous dike with diffuse white phenos to ~3 mm; syenitic in composition? Cuts banding, very weak fabric defined by chlorite blotches, possibly flow banding										
23.20	23.70	**7a** ***Amphibolite (metamorphosed Mafic V*** Dark-green, fine-grained, strongly banded amphibolite xenolith. Top contact is fuzzy, and invaded by a diffuse diorite (contaminated tonalite?) band										

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
23.70	24.50	**10aa** ***Tonalite*** Blotchy, pathcy, white to dark grey tonalite (to diorite?). Intrusion is sharply subdivided at 24.1, with a leucocratic top portion and a darker, chlorite rich bottom portion. The darker (dioritic?) part of the intrusion contains rounded white fragments which may represent xenoliths of the earlier intrusive phase; As well as rounded, dark-green,coarse-grained xenoliths very reminiscent in appearance to the "pyroxenite" encountered in the RJ & Tyko showing areas.										
24.50	26.20	**8** ***Early Foliated Felsic to Intermediate*** Medium-grey, homogeneous, moderately foliated intrusion, probably ~tonalitic in composition. Contains a couple of mafic clasts near the end of the interval. Bottom contact intruded by a small band of pegmatite										
26.20	26.40	**7bbb** ***Orthopyroxenite*** Dark grey-green talcose orthopyroxenite (?) with large black blotches; interpreted as relict cumulate texture. Here very fuzzy, and groundmass strongly recrystallized, due to surrounding tonalites. Separated from the intrusions by thicke (2-3 cm) chlorite-'biotite' bands. Moderately magnetic. No sulphides	1384941	26.20	26.60	0.40	726	48	48	0.01	0.02	0.01

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
26.40	27.30	**10aa** ***Tonalite*** Coarse grained, variable, two-tone white to black tonalite; as above (23.7-24.5), with a leucocratic tonalitic upper section, and a heavy xenolith-bearing, dioritic black lower section with many white blotches. Contacts between the two units, and between the intrusives and the ultramafics, are highly irregular. Ultramafic-intrusive contacts are soft, heavily foliated and chloritized. No sulphide	1384942	26.60	27.50	0.90	204	18	32	0.00	0.03	0.01
27.50	28.60	**7bbb** ***Orthopyroxenite*** Similar to26.2-26.4; dark squarish splotches up to 2 cm distributed in a lighter but still dark grey-green matrix; more distinct here (further from intrusive contact), and probably representing a relict cumulate texture. With minor talc concentrated in matrix, and also with a 5 cm talc-rich band at 28.1 m, @55 deg TCA, and some other minor banding at this orientation. Strongly magnetic. Top contact is a chlorite/'biotite' seam; bottom contact is gradational. No sulphides	1384943	27.50	28.60	1.10	1399	52	92	0.00	0.03	0.02
28.60	29.20	**7bc** ***Peridotite (unsubdivided)*** Massive, medium-grey talc-rich (up to 30% fine talc near top of unit, but decreasing towards base) horizon below the 'cumulate' horizon. Strongly magnetic at top, also decreasing towards base. Bottom contact with tonalite is a strong chlorite seam. No sulphides	1384944	28.60	29.60	1.00	907	22	71	0.00	0.03	0.01

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
29.20	29.60	**10aa** ***Tonalite*** Tonalite, similar to other tonalitic intervals; white to dark green, with many recrystallized and strongly chloritized xenolithic bands of ultramafic material entrapped within. Lower contact cut by 3 small (1-4 cm) bands of fine, dark grey intermediate intrusive.										
29.60	30.40	**10aa** ***Tonalite*** A different tonalite; homogeneous, medium-grained, white-grey biotite toanlite, cut by small bands of later intrusives. Separated from the orthopyroxenite by a brighter white, coarser phase at bottom contact, intergrown with coarse chlorite; and then by a ~5 cm thick chlorite/'biotite' band	1384945	29.60	30.80	1.20	218	14	28	0.00	0.03	0.02
30.40	30.80	**7bbb** ***Orthopyroxenite*** Medium-grey, massive, moderately talc-rich (up to 5%?) ultramafic, strongly magnetic, no distinct texture, no sulphide										
30.80	31.80	**10** ***Late Unfoliated Felsic To Intermediate*** Dark grey, fine-grained intermediate intrusvie with small (1mm) white phenos and a weak fabric defined by flattened chorite phenos (flow-banding?). Despite fabric, cleary crosscuts both u/m and later tonalite, and must be a late dike. However, cut by some strongly chloritic seams. Contacts sharp with moderate chorite; homogeneous	1384946	30.80	31.80	1.00	999	16	63	0.00	0.02	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
31.80	32.00	**7bc** ***Peridotite (unsubdivided)*** Light-grey, strongly talcose (30%?) strongly magnetic peridotite; contact with underlying clinopyroxenite is sharp, ~65 deg TCA. No sulphides										
32.00	38.60	**7bba** ***Clinopyroxenite*** Black-grey, obscurely mottled, fine-medium grained monotonous 'clinopyroxenite', with minimal talc content. Colour lightens, and talc content increases, towards end of interval. With rare internal banding @ ~70 deg TCA, and cut by some low-angle light green qtz-sericite-(serpentinite?) veinlets. Also cut by 2 intense, low-angle (15 deg TCA) chlorite 'biotite'+/-serpentinite,calcite bands at 36.5 m and 38 m, each about 5 cm wide, and completemented by low-angle slickenside sets. Strongy magnetic, but no sulphide. Lower contact somewhat arbitrary/gradational, defined by the appearance of subtle dark 'phenocrysts', along with increasing talc content	1384947	31.80	33.00	1.20	1528	43	110	0.01	0.03	0.02
			1384948	33.00	34.10	1.10	1610	43	128	0.00	0.01	0.01
			1384949	34.10	35.60	1.50	1441	45	112	0.00	0.01	0.01
			1384950	35.60	36.60	1.00	1046	43	78	0.00	0.01	0.01
			1384951	36.60	37.60	1.00	1330	125	75	0.00	0.01	0.01
			1384952	37.60	38.60	1.00	1246	159	77	0.00	0.01	0.01
38.60	39.20	**7bbb** ***Orthopyroxenite*** Medium-grey, moderately talcose (5%?), and with very obscure black splotches (relict cumulate texture?), similar but smaller and less visible than those observed in 27.5-28.6 m. Also with a tiny veinlet of serpentinite. Strongly magnetic, no sulphides. Lower contact indistinct but abrupt	1384953	38.60	39.20	0.60	1596	73	95	0.00	0.01	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
39.20	39.80	**7bc** ***Peridotite (unsubdivided)*** Light grey unit defined by abrupt increase in talc content (to ~10%?). Includes a small serpentinite-filled joint, also some minor crosscutting qtz-sericite joints. Strongly magnetic at top, but talc content as well as magnetism decreasing towards bottom contact with tonalite. Bottom contact marked by a strong foliated chlorite seam.	1384954	39.20	39.80	0.60	1323	43	75	0.00	0.01	0.01
39.80	41.30	**7a** ***Amphibolite (metamorphosed Mafic V*** Moderately banded, non-magnetic dark green fine-grained amphibolite. Both upper and lower contact intruded by medium-grained salt+pepper tonalite, with strong chloritic seams separating the tonalite from the surrounding U/Ms										
41.30	44.20	**7bba** ***Clinopyroxenite*** Clinopyroxenite; similar to 32-38.6 (grey-black, blotchy, indistinct grains). Upper 20 cm below contact is lighter and possibly part of the upper, more talc-rich phase. Strongly magnetic, no sulphides, minimal talc content. Lower contact with orthopyroxenite is abrupt, at ~60 deg TCA	1384955	41.30	42.20	0.90	1852	46	101	0.00	0.01	0.01
			1384956	42.20	43.20	1.00	1934	39	104	0.00	0.01	0.01
			1384957	43.20	44.20	1.00	1809	36	109	0.00	0.01	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
44.20	45.70	**7bbb** ***Orthopyroxenite*** Upper contact marked by abrupt appearance of indistinct black squarish crystals (cumulate texture?) in a lighter green-grey, weakly talcose matrix; texture similar to 27.5-28.6. Here crystals are smaller, sharper and more tightly packed (~40% of rock mass?); but talc content is lower. Crystals become less distinct down-core, and are hard to discern beyond 44.8; but talc content seems to increase slightly. Otherwise relatively homogeneous. Lower contact is abrupt, ~75 deg TCA. Strongly magnetic, no sulphides	1384958	44.20	45.00	0.80	1525	36	97	0.00	0.01	0.01
			1384959	45.00	45.70	0.70	1742	131	101	0.00	0.01	0.01
45.70	46.00	**7bc** ***Peridotite (unsubdivided)*** Upper contact marked by abrupt lightening of colour and increased talc content, to ~10%. Interval also includes a distinct bright-green serpentinite veinlet. Strongly magnetic but no sulphides. Bottom contact intensely chloritized/foliated over 5 cm next to the tonalite dike	1384961	45.70	46.00	0.30	1341	42	71	0.00	0.01	0.01
46.00	46.30	**10aa** ***Tonalite*** Small, medium-coarse grained tonalite dike, salt-and-pepper appearance. Both contacts at ~70 deg TCA and strongly choritized										
46.30	46.70	**11s** ***Shear zone*** Small shear zone at ~45 deg TCA, defined by intense chloritization and foliation development over ~40 cm within the margin of the amphibolite; also some rubbly core and possibly minor lost core. Appears to										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		truncate the layered U/M intrusion										
46.70	53.70	**7a** ***Amphibolite (metamorphosed Mafic V*** Strongly banded (at ~45 to 55 deg TCA) amphibolite, dark green with some light green (epidote-rich) banding, very fine-grained. Dominantly non-magnetic, excepting a section from 47.8-48.6 which contains ~1% fine disseminated pyrrhotite with intimately intergrown pyrite. Otherwise no sulphide observed. Cut by numerous small banding-parallel veinlets and leucocratic bands, as wel as a number of larger medium-grained tonalitic dikes, at 47.5-47.7 48.6-48.8, 49.4-49.6 and 50.5-50.8. One section (from 52.2-53) also with some white spots, possibly primary relicts from a porphyritic flow?	1384962	47.70	48.60	0.90	160	188	53	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		47.80 - 48.60 PY DIS 0.25										
		47.80 - 48.60 PO DIS 0.75										
53.70	54.30	**10aa** ***Tonalite*** Medium-grained medium-grey tonalite, weakly foliated (flow-banding?), also with some lighter and darker-coloured segreations. Includes several flattened amphibolite xenoliths. Contacts are sharp and concordant (~60 deg TCA)										
54.30	59.90	**7a** ***Amphibolite (metamorphosed Mafic V*** Similarto 46.7-53.7, with abundant light-green epidote-rich banding. Some evidence of folding and boudinaging observed. Overall less tonalite within this interval, with only a few small bands crosscutting										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		(including a ~5 cm tonalite pegmatite vein at 58 m). However, includes a dark-grey, strongly foliated concordant porphyroblastic (primary porphyritic?) felsic-intermediate unit from 58.5-58.8, which may represent a small felsic tuff horizon. Non-magnetic, with minor disseminated pyrite from 55.5-55.55										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		55.50 - 55.55 PY DIS 1										
59.90	62.00	**10ad** ***Syenite***										
		Dark-grey, fine-medium grained intrusive, monotonous, no fabric except for a weak band right along upper contact with amphibolite. Contact is sharp, very little alt, ~50 deg TCA, concordant with banding in amphibolite										
62.00	63.80	**7a** ***Amphibolite (metamorphosed Mafic V***										
		Dark green, fine-grained, well-banded amphibolite, with several small concordant tonalite bands. Non-magnetic, no sulphides observed										
63.80	65.00	**10ad** ***Syenite***										
		Fine-medium grained dark grey granitoid (syenite?). Homogeneous, no fabric. Bounded on both contacts by ~10 cm lighter and coarser "tonalite" bands										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
65.00	71.70	**7a** ***Amphibolite (metamorphosed Mafic V*** Dark green, fine-grained, finely banded (bands mm- to cm-scale) amphibolite. Non-magnetic, no sulphides observed. Banding at ~60 deg TCA. Evidence of folding (including folded banding), boudinage, and polyphase deformation (e.g. boudinaged tonalite veins, intruding a pre-existing fold in amphibolite). Interval cut by many small irregular and concordant syenite and tonalite dikes up to 20 cm, as well as a smoky late-pegmatitic quartz vein with minor pyrite at 66.6 m.										
71.70	74.70	**10ad** ***Syenite*** Fine-medium grain 'syenite', dark-grey, monotonous, non-magnetic. Cut at ~25 deg TCA by a ~5 cm tonalite 73.4 (later tonalite phase?); in cut by (or including a block of) another tnoalite at 73.8-74.3 m. With a very weak, barely noticeable fabric throughout. Top contact with amphibolite is tonalite up until ~71.8 m, and includes some sharp amphibolite xenolith bands										
74.70	79.30	**7a** ***Amphibolite (metamorphosed Mafic V*** 'Amphibolite breccia'; ~40% fine-grained, dark-green well banded amphibolite clasts throughout this interval, including larger clasts from 74.9 - 75.2 m and 77.3-77.7 m. Clasts mostly internally solid or with small concordant and discordant tonalite veinlets; surrounded by generally disconrdant medium-grained white-grey salt+pepper weakly foliated tonalite. Folding and epidote and/or potassic bands visible in some amphibolite xenoliths; some xenoliths also moderately magnetic and containing up to 1% fine disseminated po (at 75.2, 75.8 & 76.2 m)										

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
75.10 - 75.20	PO DIS 0.25	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		75.75 - 75.80 PO DIS 1										
		76.20 - 76.30 PO DIS 0.5										
79.30	80.50	**10aa** ***Tonalite*** Medium grain, weakly-foliated white-grey salt+peper biotite-tonalite; same unit as in the "amphibolite breccia" above, and contains occasional small (<5 cm) clasts of strongly foliated amphibolite. Also, cut by a 3 cm granitic pegmatite dike at ~80 m.										
80.50	81.60	**10** ***Late Unfoliated Felsic To Intermediate*** Dark-grey feldspar porphyry, no foliation visible, with abundant small (1-3 mm) white to pinkish phenocrysts. Sharp intrusive contact with the foliated tonalite; cuts foliation. Cut by a brittle 'fault fracture' at 20 deg TCA @ 80.9 m; fracture is STRONGLY hematitized+chlorite, calcite, probably little offset but some minor core loss										
		Structure Maj.: ***Type/Core Angle*** ***Comment***										
		80.80 - 80.90 FLT 20 Small strongly hematite altered fault; minor offset and core loss										
81.60	83.30	**7a** ***Amphibolite (metamorphosed Mafic V*** Another interval of "amphibolite breccia"; similar to 74.7-79.3, with about 40:60 amphibolite to tonalite. No sulphides ovserved. With some moderate potassic staining towards the end of the interval (contact with										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		the underlying early granitic gneisses)										
83.30	84.70	**8** ***Early Foliated Felsic to Intermediate*** Gneissic granite. VERY strongly banded granitic gneiss, grey-orange in colour, intermixed with later tonalitic intervals. Banding at ~75 deg TCA. Also with some granitic pegmatite sweats										
84.70	85.20	**7a** ***Amphibolite (metamorphosed Mafic V*** Small "dog's breakfast" interval, slivers of amphibolite and a fine-grained grey intrusion, mixed with a coarse black-white-orange intrusive unit, possibly a heavily contaminated (?) tonalite. Minor pyrrhotite (0.25%) in a sliver of amphibolite from 84.7-84.8 ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 84.70 - 84.80 PO DIS 0.25											
85.20	85.90	**10ab** ***Granodiorite*** Medium-gray, medium-grained granodiorite, weakly foliated, cut by a couple meandering leucocratic veinlets										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
85.90	88.20	**8** ***Early Foliated Felsic to Intermediate*** More strongly banded pink-grey granitic gneiss, with granite pegmatite sweats and bands. Top contact is is intruded by a white-grey, fine-medium grained salt+pepper tonalite with an ampihbolite clast from 85.9-86.2 Also with a dark band of (granodiorite?) from ~87.5-88. Gneissic banding @ ~70 deg TCA										
88.20	89.60	**10ad** ***Syenite*** Fine-grained, dark-grey unfoliated 'syenite'. Monotonous. Includes a few clasts of weakly foliated tonalite from 89.3-89.5										
89.60	91.00	**8** ***Early Foliated Felsic to Intermediate*** Mix of strongly banded granitic gneisses, small granitic pegmatite bands, and fine-medium grained grey weakly foliated tonalite										
91.00	93.70	**10ad** ***Syenite*** Similar to 88.2-89.6; fine-grained, dark grey, monotonous tonalite. Cut by a small white-pink pegmatitic band (1.5 cm wide) at ~25 deg TCA @ 91.6 m.										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
93.70	95.60	**8** ***Early Foliated Felsic to Intermediate*** Similar to 89.6-91; mixed strongly banded granitic gneisses, coarse white and black 'granodiorite', and several 5-10 cm wide irregular coarsely pegmatitic granite bands.										
95.60	96.10	**10aa** ***Tonalite*** Patchy white and black 'tonalite' to diorite, probably heavily contaminated??? Includes a couple of heavily recrystallized chloritic bands, probably remnant amphibolite xenoliths.										
96.10	96.60	**10acp** ***Granitic pegmatite*** A low-angle pink granitic pegmatite dike (~5 cm wide) occupies about half of this inveral; it cuts a medium-grained dark grey 'granodiorite'										
96.60	96.70	**7a** ***Amphibolite (metamorphosed Mafic V*** A final ~5 cm highly chloritized/recrystallized amphibolite xenolith, associated with a ~5 cm white tonalite band. No sulphides										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
96.70	101.40	**8** ***Early Foliated Felsic to Intermediate*** Mixed interval, around 50% intensely banded pink-gray granitic gneisses, monotonous in appearance, occasionally crosscut by small veinlets of pegmatite, and occasionally weakly magnetic. Intermixed by medium-grained, crosscutting dark black/white 'granodiorite', weakly foliated, monotonous, non-magnetic.										
101.40	108.20	**10ab** ***Granodiorite*** Granodiorite similar to above interval; medium-grained, dark black and white 'granodiorite, monotonous although with occasional fuzzy-margined darker spots. Cut by later irregular pink granitic pegmatite dikes at 102.7-102.8 and 106.65-106.7										
108.20	108.50	**10ac** ***Granite*** fine-grained white to pink, grainy 'granite', includes fragments of the surrounding granodiorite. With a fabric but could possibly be flow banding.										
108.50	122.50	**10ab** ***Granodiorite***										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		Dark, medium-grain black and white 'granodiorite, similar to 101.4-108.2 Gradually becoming less monotonous, with many variable phases, generally as bands from 1 cm to ~50 cm; finer, coarser, darker, lighter, etc; generally all are weakly to moderately foliated and typically concordant but occasionally discordant. Colour gradually darkening, and variability increasing, towards base of interval										
122.50	133.30	**10ab** ***Granodiorite*** Darker, medium-grained phase of the 'granodiorite' (probably dioritic in composition here??). Black-grey with white spots. Weakly to moderately foliated at ~50 deg TCA. Non-magnetic. Very monotonous until 132.2; aftwerards with some highly strained tonalite-chlorite bands (heavily altered xenoliths?) and a few dark late syenite dikes. Also cut by minor pink pegmatite veinlets at 120.9 and 131.6 m.										
133.30	133.60	**7a** ***Amphibolite (metamorphosed Mafic V*** Strongly folded and banded clasts of amphibolite; fine-grained, light (epidote) to dark (chlorite) green in colour. Non-magnetic, no sulphides; invaded by coarse dark 'granodiorite'										
133.60	138.30	**10ab** ***Granodiorite*** Similar to 122.5-133.3. However, interval is much less homogeneous, and becomes increasingly mixed with bands (2 - 40 cm) of finer and lgihter/darker foliated intrusives, including what may be later fine-grained light tonalite and dark 'syenite' bands.										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
138.30	139.70	**10ad** ***Syenite*** Mixed fine-grained 'syenite' and granite intervals; first 30 cm (138.3 to 138.6 m) consists of fine dark grey syenite; 138.6-139.3 of fine-medium slightly pink homogeneous granite; then 139.3-139.7 of syenite										
139.70	140.50	**10ab** ***Granodiorite*** Similar to above; medium-coarse grained white-black granodiorite, mixed with some finer irregular syenitic and granitic dikes										
140.50	141.00	**10ad** ***Syenite*** Very similar to 138.3-139.7; dark, fine-grained 'syenite', bounding a medium-grained pink dike of homogenous granite from 141.7-141.9										
141.00	141.40	**10ab** ***Granodiorite*** similar to 139.7-140.5										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
141.40	143.10	**10ac** ***Granite*** orange-grey, fine-grained, monotonous, weakly foliated biotite-granite										
143.10	143.80	**10ab** ***Granodiorite*** similar to 139.7-140.5										
143.80	144.00	**11f** ***Fault zone (gouge, lost core)*** Small hematitic fault fracture, strongly hematitized and with some associated grey-green chlorite alt; probably minimal offset but associated with nearby fault zone; ~20 deg TCA										
144.00	145.10	**10acx** ***Granite breccia*** Fine orange-grey granite (syenite?), weakly foliated; sort of a dog's breakfast, including some unusual randomly oriented clasts, including apparently a piece of foliated granitic gneissic basement which has been rotated perpendicular to younger foliation; also some amphibolite clasts, some rounded tonalite										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		clasts (foliation in this case is concordant; evidently this unit predates the main granite at the Tyko/RJ showings); very unusual interval, possibly a long-live reactivated fault zone?										
145.10	145.80	**11f** ***Fault zone (gouge, lost core)*** "Fault Zone" consisting of two strongly hematitized rubble zones separated by a coherent, somewhat hematitized granite interval from 145.3-145.6. The upper rubble zone is particularly strong, with intense hematite, some chlorite alteration, fault gouge, ~15 deg TCA. Some minor core loss? Foliation angle is significantly different across the fault, suggesting significant offset										
145.80	146.60	**10ab** ***Granodiorite*** similar to 139.7-140.5										
146.60	148.00	**8** ***Early Foliated Felsic to Intermediate*** Strongly banded grey-pink granitic gneiss, non-magnetic, relatively homogeneous, ~65 deg TCA										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
148.00	149.70	**10aa** ***Tonalite*** White-grey, fine-medium grain weakly foliated tonalite with minor biotite; mixed unit also including some heavily altered/deformed mafic (amphibolite?) clasts, and some darker syenitic bands, etc.										
149.70	153.30	**10ab** ***Granodiorite*** Medium-grey, weakly foliated 'granodiorite', variably cut by lighter, darker, fine-grained, coarser-grained, tonalitic to dioritic bands, and including ~5% overall clasts of fine-grained moderately to strongly altered amphibolite xenolith; number of xenoliths increasing towards bottom of interval											
153.30	154.10	**7h** ***Hornblendite*** Poorly foliated, medium-grain porous (~3%?) dark green hornblendite (or poorly banded amphibolite??) ; cut by minor syenitic and tonalitic bands. Contains a clot of porous, euhedrally crystalline qtz crystals. Trace py observed in a small vug; otherwise unmineralized, non-magnetic ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 153.30 - 153.80 PY TR 0.05											
154.10	154.60	**10ad** ***Syenite*** Fine-grained, unfoliated grey syenite with a pinkish blush. Monotonous, cutting foliation in hornblednite at top contact, and separated from the hornblendite in the lower contact by a ~20 cm composite 'granodiorite-tonalite' intrusion										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
154.60	154.90	**7h** ***Hornblendite*** Similar to 153.3-154.1; weakly banded, medium-grained dark green hornblendite (or amphibolite?); porous (2%), non-magnetic, and with no visible sulphides.										
154.90	155.60	**10ab** ***Granodiorite*** Medium-grey, medium-grained salt+pepper biotite-granodiorite; with a few small altered amphibolite xenoliths										
155.60	160.00	**7a** ***Amphibolite (metamorphosed Mafic V*** Strongly banded at ~80 deg TCA, fine-grained dark green amphibolite (or sediments?). Includes darker biotitic bands, as well as light green epidote bands, particularly from 159.4-160 m, where they form ~20% of the rock mass. Non-magnetic, and without observed sulphides; cut by many granodioritic, tonalitic and pegmatitic qtz veinlets, mostly concordant to foliation, and some with prominenet boudinaging										

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
160.00	162.30	**10ab** ***Granodiorite*** Fine-medium grain, medium-grey granodiorite to tonalite, weakly foliated, relatively homogeneous but with occasional leucocratic veinlets or blebs (paritally digested clasts?)										
162.30	162.90	**7a** ***Amphibolite (metamorphosed Mafic V*** "amphibolite breccia"; ~15% fine=grained, strongly banded angular amphibolite clasts in a medium-grey granodiorite similar to that described in 160-162.3										
162.90	164.30	**10ab** ***Granodiorite*** similar to 160-162.3, slightly smaller grain size. From 163.7 - 164.3, contains two large basement clasts with foliation ~perpendicular to foliation in the granodiorite.										
164.30	165.90	**10ac** ***Granite*** Light grey-pink fine-medium grained, weakly foliated 'granite'. Looks like a tonalite but with pinkish blush; may be an altered tonalite (in some sections reddening, probably hematite rather than k-spar, surrounds small fractures).										

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
165.90	167.90	**10ad** ***Syenite*** Dark grey-pink fine-grained monotonous syenite, with a very weak fabric; cut by numerous small tonalite dikes										
167.90	172.10	**10ab** ***Granodiorite*** Medium-grained, salt+pepper medium-grey biotite granodiorite, very homogeneous but cut by numerous tiny (<1 cm) pink granitic pegmatite veinlets. Also, from 170 - 171.3, the dike is cut by a strongly hematite-stained veinlet running at ~3 deg TCA; aparently no offset on this fracture, but causes damage to core										
172.10	172.50	**10ad** ***Syenite*** orange-grey-black, fine-grained, stronly foliated homogeneous syenite										
172.50	173.60	**7a** ***Amphibolite (metamorphosed Mafic V*** Dark-green, fine-grained, moderately banded amphibolite, brecciated into several fragments separated by concordant to discordant, hematite-stained grnaodiorite intervals, ~20% of interval. Amphibolite is non-magnetic, contains no sulphides										

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
173.60	182.20	**10ab** ***Granodiorite*** Medium-grey, fine-medium grained biotite grandiorite, weakly foliated. Relatively homogeneous, but with a few crosscutiting phases, tonalite etc., including a dark fine-grained syenitic dike from 174.9-175.5. Includes minor (1%?) well-preserved xenoliths of amphibolite from 173.6-177.7, decreasing slightly downwards. Also with some minor hematite haloing joints after 178 m, and increasing woards the fault at 185.9-186.1.										
182.20	185.00	**10aa** ***Tonalite*** White tonalite with black specks, moderate fabric, a lineation defined by chlorite needles. Relatively homoegenous, but cut by numerous fractures haloed by hematite, increasing towards the base of the interval. The lower 30 cm of the tonalite (184.7-185) is marbled orange and strongly hematitized										
185.00	185.30	**13** ***Late Mafic Dyke (Unsubdivided)*** aphanitic dull grey-black, flow-banded late mafic dike, with hematite banding as well (altered, or incoporated into the dike?). Includes muddy hematite-calcite rubble, and was probably intruded into a braoder fault zone										

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
185.30	186.10	**11f** ***Fault zone (gouge, lost core)*** Probably heavily altered tonalite? Bright red-orange intrusive, intensely hematitized and cut by seams of epidote. The strongest hematite alteration is around a a muddy, chlorite-mud filled >2 cm wide fracture, which must also have seen minor lost core. Alteration decreases rapidly over ~10 cm below the fault. Fault at ~80 deg TCA. Substantial displacement is unlikely given the occurrence of a similar tonalite on both side of the fault										
186.10	186.40	**10aa** ***Tonalite*** Similar to 182.2-185; cut by a number of small pink-haloed (hematite?) fractures										
186.40	189.70	**10ad** ***Syenite*** Mixed unit; Fine-grained dark grey-orange syenite, fine to medium grained medium to dark grey granodiorite, and some lighter coloured tonalite intervals, all with a weak-moderate fabric (mainly lineation, defined by chlorite 'needles'). Cut by abundant haloed hematite joints and veinlets at a variety of orientations										
189.70	194.00	**10ac** ***Granite*** fine-medium grained, medium-dark grey granodiorite, weakly foliated, non-magnetic. Relatively										

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		homogeneous, cut by a few small tonalitic veins. Also cut by haloed hematitic veinlets and joints at a variety of alterations; relatively abundant near the top of the interval, but decreasing towards the base.										
194.00	197.00	**8** ***Early Foliated Felsic to Intermediate*** Medium dark white+black, strongly foliated granodiorite; probably an early basement phase? Foliation at ~65 deg TCA. Cut by a few pegmatitic tonalite veins; and by a low-angle haloed hematite veinlet (2-4 mm wide) rolling along core from 195.7-196.6 m.										
197.00	198.40	**10ab** ***Granodiorite*** Dark grey fine-medium grained 'granodiorite' (very dark, maybe dioritic???); moderately foliated; homogeneous with some lighter tonalite banding; concordant with early strongly-foliated granodiorites. Interval from 198-198.3is different, a bright white fine-grained tonalite. Hematite satining mostly absent										
198.40	199.00	**8** ***Early Foliated Felsic to Intermediate*** Similar to 194-197; cut by several low-angle (~15 deg TCA) hematite haloed joints from 198.4-198.6										

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
199.00	199.50	**10ab** ***Granodiorite*** similar to 197-198.4										
199.50	200.00	**8** ***Early Foliated Felsic to Intermediate*** Probably another highly foliated granodiorite; however foliation is less and the second half of the interval is very light, looks tonalitic. Cut by several hematite haloed joints (and a hematite-haloed epidote veinlet); hematite alt looks pink here, is much less intense than closer to the fault. Fo at 55 deg TCA										
200.00	201.43	**10ab** ***Granodiorite*** Medium black-white, fine-medium grained granodiorite, weakly foliated.										
201.43	205.15	**8** ***Early Foliated Felsic to Intermediate*** grey and whitish, early weakly deformed granodiorite/tonalite. moderate slightly variable foliation at around 70-80 TCA defined by alignment of biotite. Nonmineralized, weakly magnetic in localized patches. Smalll veins and fractures are haloed by weak pinkish hematite alteration. Unit is almost an early intrusive breccia with a small clast of dark grey mod foliated tonalite and a few small granitic peg veins although no granite is present. Subunits - 203.52-203.88 small mixed clast of nonmineralized hornblendite with small whisps and partially assimilated red altered tonalite?										

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
205.15	213.02	**8** ***Early Foliated Felsic to Intermediate*** this foliated cg early intrusive looks like a foliated granodiorite forming a breccia with other early granitic intrusives. There are minor pinkish pegmatitic zones that often take on the same foliation as the surrounding intrusive. Foliation is defined by alignment of biotite and runs around 70-80 TCA. Unit is nonmineralized with localized patches of magnetite, moderate intensity, usually in proximity to small peg sections. Subunit - 212.4-212.68 black and white, coarse grained, int. intrusive, massive texture, nonmineralized and nonmagnetic with sharp upper and lower contacts cutting folliation of surrounding intrusives at an oblique angle. The contacts are around 30 degrees TCA.	1384963	205.15	205.91	0.76	155	27	22	0.00	0.01	0.01
213.02	216.97	**10ab** ***Granodiorite*** dark grey,Fg-Mg, massive texture, granodiorite. Nonmineralized with patches of weakly magnetic zones often proximal to small veins of granitic intrusive. It does look like this is also a breccia of a sorts as there is a small foliated tonalite clast within the granodiorite unit.										
216.97	217.52	**10aa** ***Tonalite*** small interval of weakly foliated, black and white tonalite, nonmineralized and nonmagnetic. Sharp planar contacts with surrounding granodiorite, upper contact is around 75 TCA while lower is almost 90 TCA.										

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
217.52	222.00	**10aax** ***Tonalite breccia*** this is a tonalite breccia with clasts of nonmineralized green, mg, hornblendite and dark grey amphibolite with some of the early foliated granodiorite being cut by thetonalite breccia. Intrusive to clast (70/30). Subunits - 218.05-218.64, 219.84-220.13 green, mg, pitted, pervasive weak to mod biotite alt, nonmineralized and nonmagnetic. 220.52-221.03 Cg amphibolite, white and dark green, amphiboles and plag with patchy weak epidote altereation. The units lower contact is sharp planar and defined by a contact with late mafic dike?	1384964	218.00	219.00	1.00	162	35	23	0.00	0.01	0.01
			1384965	219.60	220.20	0.60	92	13	15	0.00	0.01	0.01
222.00	222.46	**13** ***Late Mafic Dyke (Unsubdivided)*** aphanetic, dark grey with a reddish hue due to hem alt, late mafic dike. Nonmineralized and weakly magnetic. Increased intensity of hem alt near upper contact. Pervassive weak silica alt, small elongate black, subhedral grains up to 2mm in length (5%). Lower contact is planar but less sharp and defined by appearance of foliated, dark green/grey hornblendite?.										
222.46	222.84	**7h** ***Hornblendite*** moderately foliated, soft, nonmineralized, nonmagnetic dark green with reddish hue, mg hornblendite. Seems a little mixed as there are partially assimilated or deformed whispy remnant clasts of granodiorite/syenite?	1384966	222.00	223.00	1.00	120	35	17	0.00	0.01	0.01

Hole Number **TK-16-012** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
222.84	226.31	**10ab** ***Granodiorite*** dark grey and white, Mg, massive, nonmineralized and nonmagnetic granodiorite. Very little veining of any sort, very competent. Lower contact is sharp and defined by a change to dark grey amphibolite.										
226.31	237.00	**10aax** ***Tonalite breccia*** this interval is a strongly variable heterolithic breccia composed of brecciated intrusives and hornblendite and amphibolite (seds). 65/35 split between tonalitic intrusives and seds (20%) and hornblendite (15%). Clast sized range from decimeter scale to cm. Trace Py mineralization localized to contact areas of deformed hornblendite. There appears to be two small veins of hornblendite that appear to cross cut eachother at 232.5m. Subunits - 226.71-227.29, 228.13-228.48, 230.96-231.65 banded, dark grey/green, fg, amphibolite (metaseds or mafic vol?) nonmineralized with weak patchy magnetic bands, weak thinly spaced foliation could be remnant sed beds. 227.42-227.67, 229-229.26, 234.8-234.95 Mg, massive, nonmineralized, nonmagnetic, hornblendite. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 226.31 - 237.00 PY ws 0.1	1384972	231.00	232.00	1.00	115	73	35	0.00	0.01	0.01
			1384973	232.00	233.00	1.00	92	42	24	0.00	0.01	0.01
			1384974	233.00	234.00	1.00	89	41	18	0.00	0.01	0.01
			1384967	226.50	227.00	0.50	121	65	32	0.00	0.01	0.01
			1384975	234.00	235.00	1.00	197	11	16	0.00	0.01	0.01
			1384976	235.00	236.00	1.00	68	44	17	0.00	0.01	0.01
			1384968	227.00	228.00	1.00	145	49	44	0.00	0.01	0.01
			1384969	228.00	229.00	1.00	104	46	27	0.00	0.01	0.01
			1384970	229.00	230.00	1.00	112	55	28	0.00	0.02	0.01
			1384971	230.00	231.00	1.00	72	44	12	0.00	0.01	0.01

DRILL HOLE REPORT

Hole Number **TK-16-013** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	0
Dip:	-90
Length:	87
Started:	31-Mar-16
Completed:	01-Apr-16
Logged:	07-Apr-16

Casing

Length:	0
Pulled:	yes
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	4203378
NTS:	042C/13
Hole:	SURFACE

Other

Logged by:	Jessie Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Jessie Koroscil
Surveyed:	yes
Surveyed by:	Jessie Koroscil
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	no
Multi shot survey:	yes

Comment: vertical hole targettign the centre of the Bruce Lake Mag & EM anomaly

Coordinate - Gemcom

East:	608976.7
North:	5423549.51
Elev.:	335

Coordinate - UTM

East:	608976.7
North:	5423549.51
Elev.:	335
Zone:	16
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	0.00	-90.00	C	☑	
30.00	229.70	-88.70	EZ	☑	mag - 55734

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LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-013** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	14.13	**OVB** ***Overburden/Casing***										
14.13	25.25	**10aax** ***Tonalite breccia*** very mixed heterolithic breccia. Clasts are composed of a mix of weak to moderately biotite and chlorite altered hornblendite and amphiboite ranging in size from1-24cm. Interval near the top of the hole shows strong light greenish yellow alteration bands which may be chlorite and sericite? Intrusives are dominated in this interval by dark grey mg granodiorite and weakly foliated mg - cg tonalite. Trace mineralization of disseminated Py and very few small blebs of Cpy.Subunits- 15.1-16.32, 17.09-17.25, 18.63-18.7 green fg amphibolite with strong whispy alteration bands of chlorite and sericite with biotite being stronger at the margins of the clast. Trace disseminated py<1%. 24.3-25.25 green, fg, hornblendite, moderate foliation of 70 TCA.there are a few irregular whispy tonalitic intrusives cutting interval, nonmagnetic and only trace Py min.	1384977	14.13	15.00	0.87	66	33	25	0.00	0.01	0.01
			1384978	15.00	16.00	1.00	94	115	32	0.00	0.01	0.01
			1384979	16.00	17.00	1.00	90	39	28	0.00	0.01	0.01
			1384981	17.00	18.00	1.00	115	81	22	0.00	0.01	0.01
			1384982	18.00	19.00	1.00	64	11	15	0.00	0.01	0.01
			1384983	19.00	20.00	1.00	45	8	6	0.00	0.01	0.01
			1384984	20.00	21.00	1.00	55	25	12	0.00	0.01	0.01
			1384985	21.00	22.00	1.00	97	72	31	0.00	0.01	0.01
			1384986	23.00	24.00	1.00	107	30	26	0.00	0.01	0.01
			1384987	24.00	25.00	1.00	93	79	29	0.00	0.01	0.01

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

14.13 - 25.25 CP BL 0.01

14.13 - 25.25 PY DIS 0.1

Hole Number **TK-16-013** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
25.25	36.45	**10ab** ***Granodiorite***	1384988	25.00	26.00	1.00	58	54	17	0.00	0.01	0.01
		dark grey, Mg to Cg, massive granodiorite/ diorite? Labelled granodiorite to avoid confusion with mafic clasts. Unit seems to have two populations of plag, a darker Ca rich anhedral to subhedral and a whitish mg-cg subhedral to euhedral plag with biotite and minor Hbl for mafics.unit has several white veins of tonalite cut theunit at various orientations. Disseminated Py <1% disseminated throughout and weak magnetic patches often localized to small tonalite veins and plag "clots". Subunits - 23.63-24, 26.54-26.83 fine grained, light grey, massive, fg elongate hornblende possibly showing a weak lineation. Small subangular pits forming a 1% porosity.	1384989	30.00	31.00	1.00	55	20	12	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		25.25 - 36.45 PY DIS 0.1										
36.45	36.88	**7h** ***Hornblendite***	1384990	36.00	37.00	1.00	112	37	19	0.00	0.01	0.01
		green, mg, strongly foliated at 75 TCA, nonmagnetic and nonmineralized hornblendite. Moderate biotite altereation rimming the contact between clast and granodiorite and along fractures. Unit is pitted to form 1% porosity.										
36.88	37.65	**10a** ***Granitic Rocks (unsubdivided)***										
		this is an interval of mixed granitic intrusives, from dark grey diorite?/ granodiorite to tonalite and small patches of the foliated early felsic intrusive with a pinkish hue, kspar = granodiorite? Contacts between these granites are fairly irregular with variable intensity of biotite alteration. Weakly magnetic often localized to small black biotite altered patches and tonalite veins. Disseminated py in trace amounts <1%.										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		36.88 - 37.65 PY DIS 0.1										

Hole Number **TK-16-013** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
37.65	38.91	**10ad** ***Syenite*** light grey, fg, weak lineation observed in fg Hbl syenite? Nonmineralized but pervassive and weakly magnetic. Plag and hbl dominated. Contacts with tonalite/granodiorite areroughly planar at 60 TCA, lack a chill margin or alt halo, lack xenoliths.	1384991	38.00	39.00	1.00	40	13	7	0.00	0.01	0.01
38.91	67.50	**10a** ***Granitic Rocks (unsubdivided)*** this is a mix of several mafic clast free granitic phases. Dominated by the foliated granodiorite? And tonalite. Small veins of granite PEG cut the early foliated granite near the top of the interval. Trace euhedral to subhedral disseminated Py throughout. Pervasive but weakly mineralized with some patches of moderate intensity magnetic intensity localized to small biotite rich bands and fractures. Subunits - 43.9-44.8,47-47.38,59.11-59.84, 61-61.7, 63.92-64.67 dark gey,mg-cg granodiorite (diorite). 53.25-55 mg, massive tonalite. Mg euhedrallight brown/greenish titanite grain within the tonalite at 39m on broken surface of the core.	1384992	40.00	41.00	1.00	37	51	3	0.00	0.01	0.01
			1384993	44.00	45.00	1.00	44	6	8	0.00	0.01	0.01
			1384994	47.00	48.00	1.00	37	8	5	0.00	0.01	0.01
			1384995	52.00	53.00	1.00	37	9	5	0.00	0.01	0.01
			1384996	56.40	57.00	0.60	69	41	8	0.00	0.01	0.01
			1384997	59.00	60.00	1.00	46	22	12	0.00	0.01	0.01
			1384998	67.00	68.00	1.00	52	12	7	0.00	0.01	0.01

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
38.91 - 59.10	PY DIS 0.1	
59.10 - 67.50	PY DIS 0.1	

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-013** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
67.50	78.35	**10acx** ***Granite breccia***	1384999	68.00	69.00	1.00	54	23	6	0.00	0.01	0.01
		this unit is a multiphase granitic breccia with a few small clasts of altered hornblendite and amphibolite (80/20). Intrusives range from the early felsic to int foliated intrusive to dark grey granodiorite. strong biotite altereation throughout interval as an alteration to the groundmass in the mafic clasts or forming a whispy foliation and veins in some of the granitic intrusives, primarily the foliated early granodiorite phase. Overall nonmineralized with the exceptionof trace disseminated Py and magnetic in patches localized to the whisps and veins of black biotite rich material often strongest in tonalite breccia. Subunits- 68.45-68.52, 73.37-73.63,74.22-74.41, 75.43-75.51,75.88-76.1, 78.19-78.32 strongly biotite altered, dark green, fg-mg, nonmineralized, fairly massive hornblendite.	1306301	69.00	70.00	1.00	42	24	6	0.00	0.01	0.01
			1306302	73.00	74.00	1.00	69	9	9	0.00	0.01	0.01
			1306303	74.00	75.00	1.00	90	5	13	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	1306304	75.00	76.00	1.00	93	15	16	0.00	0.01	0.01
		67.50 - 78.35 PY DIS 0.1	1306305	76.00	77.00	1.00	84	14	16	0.00	0.01	0.01
			1306306	77.00	78.00	1.00	75	16	16	0.00	0.01	0.01
78.35	87.00	**10a** ***Granitic Rocks (unsubdivided)***	1306307	78.00	79.00	1.00	49	39	13	0.00	0.01	0.01
		to the bottom of the hole there is no further occurance of target litho. This interval is a multiphase granite. Unit is composed in almost equal preportions of the early foliated felsic to int. whitish pink (granodiorite), beige and black, mg-cg tonalite and granodiorite with a peg vein running almost parallel with the core axis near the end of holw. Units are nonmineralized with the exception of trace Py and only weakly magnetic in localized patches near the black whisps of strong biotite alt within the granites. 87m is EOH										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		78.35 - 87.00 PY DIS 0.1										

DRILL HOLE REPORT

Hole Number **TK-16-014** Project: **TYKO** Project Number: **001**

Drilling

Azimuth:	330
Dip:	-50
Length:	99
Started:	01-Apr-16
Completed:	02-Apr-16
Logged:	09-Apr-16
Comment:	scissor hole to TK-16-012

Casing

Length:	0
Pulled:	yes
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	
Section:	
Hole Type	DD

Location

Township:	MCGILL
Claim No.:	4203378
NTS:	042C/13
Hole:	SURFACE

Coordinate - Gemcom

East:	608976.7
North:	5423549.51
Elev.:	335

Coordinate - UTM

East:	608976.7
North:	5423549.51
Elev.:	335
Zone:	16
NAD:	NAD83

Other

Logged by:	Jessie Koroscil
Relog by:	
Contractor:	Chibougamau Drilling
Spotted by:	Jessie Koroscil
Surveyed:	yes
Surveyed by:	Jessie Koroscil
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	no
Multi shot survey:	yes

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	330.00	-50.00	C	☑	
33.00	330.10	-51.20	EZ	☑	mag - 56067
84.00	334.00	-52.90	EZ	☑	mag - 55871

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **TK-16-014** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
0.00	19.43	**OVB** ***Overburden/Casing***										
19.43	21.16	**10aa** ***Tonalite*** beige and black, mg, massive texture, nonmineralized tonalite with one small clast of strongly biotite altered hornblendite. Lower contact is with a larger clast of amphibolite. Nonmagentic and nonmineralized										
21.16	22.05	**7a** ***Amphibolite (metamorphosed Mafic V*** dark grey/blackish, fg black amphiboles and minor Hbl with about 30% plag and 20% fg biotite. Strong foliation at 65 TCA. Nonmineralized and moderate intensity mag, pervasive throughout clast. Sharp planar contacts, upper contact is concordant with foliation at around 65 but lower contact with tonalite/granodiorite cuts foliation and runs at around 80 TCA	1306308	21.16	22.05	0.89	90	129	48	0.00	0.01	0.01
22.05	31.22	**10a** ***Granitic Rocks (unsubdivided)*** multiphase granite ranging from a dark grey granodiorite into fg grey massive syenite with minor tonalitic veins. The unit returns to dark grey mg granodiorite near its lower contact with tonalite breccia. Unit is nonmineralized and only patchy,weakly magnetic localized largely to the granodiorite and a small clast of aphibolite near 23.3m. Subunits - 23.31-23.41, 25.75-25.94 dark grey/black, strongly folliated, fg amphibolite with visible small needles of amphiboles and minor Hbl and biotite. Nonmineralized and weak to moderately magnetic. 22.05-23.31, 23.41-24.46, 28.5-29.24, 30-31.22 dark grey, mg, massive,										

Hole Number **TK-16-014** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		granodiorite, there are two populations of plag, one white coarser grained subhedral to euhedral and one darker (ca rich?) finer grained anhedral plag in the groundmass with biotite and hornblende. Weak pervassive mag and nonmineralized. 26.0-28.5 fg-mg massive light grey syenite, plag, whitish kspar? Biotite primarily. Nonmagnetic and nonmineralized.										
31.22	43.03	**7ax** ***Amphibolite breccia*** amphibolite breccia with multiphase granitic intrusives composed of tonalitic to granodiorite intrusives, several "mixing zones?" where the tonalitic material is whispy and interfingered with hornblendite/amphibolite clasts, clasts have been strongly biotiteand or chlorite altered, one zone shows intense biotite/chlorite alteration at 39-39.76m. Overall unit has trace Py mineralization often localized to the strongest biotite alteration zones with tonalitic intrusive and patchy and weakly magnetic, of note is a very strongly magnetic strongly altered remnant clast surrounded by tonalitic intrusive at 36.6m. Subunits- 34.2-35.65 dark green/grey fg, strongly foliated (60 TCA) amphibolite with small "clots" of green mg hornblendite, visible fg neeedles of amphibole, unit is cross cut by several small veins of tonalitic intrusive that cut foliation at various orientations. 35.65-36.24 fg-mg, massive, light grey and massive with small flecks of biotite and hornblend showing a weak lineation. Nonmineralized and nonmagnetic, small pits on the surface of the core give it 1% porosity. 39.36-39.76 intensely biotite/chlorite altered section, almost 100% green mg-cg biotite/chlorite and reaching into surrounding tonalitic intrusive, nonmineralized and nonmagnetic. 40.36-42.57, 42.79-43.93 light green to dark grey strongly foliated (35-40 TCA) and amphibolized metased? Volc?. There are visible light green/grey porphyroclasts randomly distributed throughout, occasionally deformed and elongated tails in the direction of foliation, only mineralized and magnetic localized to a small band of light green/yellow alteration zone near bottom contact with tonalite at 43.03m.	1306309	31.00	32.00	1.00	56	10	9	0.00	0.01	0.01
			1306310	32.00	33.00	1.00	51	10	9	0.00	0.01	0.01
			1306311	33.00	34.00	1.00	69	15	17	0.01	0.01	0.01
			1306312	34.00	35.00	1.00	117	93	39	0.01	0.01	0.01
			1306313	35.00	36.00	1.00	95	69	25	0.01	0.01	0.01
			1306314	36.00	37.00	1.00	64	202	12	0.01	0.01	0.01
			1306315	37.00	38.00	1.00	88	36	10	0.01	0.01	0.01
			1306316	38.00	39.00	1.00	65	6	16	0.01	0.01	0.02
			1306317	39.00	40.00	1.00	465	4	37	0.01	0.01	0.01
			1306318	40.00	41.00	1.00	102	57	66	0.01	0.01	0.01

Hole Number **TK-16-014** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1306319	41.00	42.00	1.00	103	108	55	0.01	0.01	0.02
			1306321	42.00	42.03	0.03	102	99	44	0.01	0.01	0.02
43.03	53.78	**8** ***Early Foliated Felsic to Intermediate*** beige +- pinkish hue, mg to cg early foliated felsic to intermediate intrusive , parallel but weakly anastamosing foliation seems to be largely defined by biotite.unit is very competent with only a few fractures that are haloed by hematite alteration. Nonmineralized and nonmagnetic	1306322	53.00	54.00	1.00	65	14	14	0.01	0.01	0.01
53.78	62.17	**7ax** ***Amphibolite breccia*** unit is a dark grey, moderately foliated (35-40 TCA), fg amphibolite breccia with tonalitic and syenite intrusives. Clast to intrusive 70/30. No sign of significant mineralization with the exception of trace Py and largely nonmagnetic. Strongest pyrite mineralization is around 57.4-57.6m where there is a tonalitic/amphibolite "mixing" zone, 1%. Moderate to strong biotite alteration seen in clasts and in tonalitic "mixing" zones with amphibolite or hornblendite. Biotite alt seems to be strongest in the hornblendite patches and clasts. Subunits - 53.78-55.4, 58.94-60.63, 61-62.17, dark grey, fg, weak to mod foliation at around 35-40 TCA. Mod to strong pervassive biotite alteration with patches of strong alt near the contacts with tonalite. Unit appears to have several mixed units where the tonalite may have created a partial melt with the seds/amphibolite. Largely nonmagnetic with trace Py/pyr? Localized to small bands of a light green alteration mineral (chl/ser). 56-56.34, 57.6-58 fine grained, grey, massive, nonmineralized and nonmagnetic syenite. 58.68-58.94 fine grained, massive, dark grey, hard and competent, granodiorite with small grains of subhedral hornblende with sharp planar contacts wih tonalitic intrusive. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 53.78 - 62.17 PY ws 0.1	1306323	54.00	55.00	1.00	152	106	54	0.00	0.01	0.01
			1306324	55.00	56.00	1.00	123	90	42	0.01	0.01	0.01
			1306325	56.00	57.00	1.00	67	26	22	0.00	0.01	0.01
			1306326	57.00	58.00	1.00	84	30	25	0.00	0.01	0.01
			1306327	58.00	59.00	1.00	85	54	1	0.00	0.01	0.01
			1306328	59.00	60.00	1.00	130	107	50	0.00	0.01	0.01
			1306329	60.00	61.00	1.00	109	103	53	0.00	0.01	0.01

Hole Number **TK-16-014** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
			1306330	61.00	62.00	1.00	114	127	66	0.01	0.01	0.01
62.17	63.93	**10aa** ***Tonalite*** beige and dark grey, massive, mg-cg nonmineralized and nonmagnetic tonalite.	1306331	62.00	62.50	0.50	63	75	23	0.00	0.01	0.01
63.93	64.74	**7hx** ***Hornblendite breccia*** this unit has a very small interval of seds/amphibolite grading into an interval of nonmineralized green, mg, moderate to strongly biotite altered hornblendite breccia with whispy tonalite intrusive forming the groundmass. Unit is nonmagnetic with a lower contact of white tonalitic intrusive marking the start of a amphibolite unit.	1306332	64.00	65.00	1.00	147	45	35	0.00	0.01	0.01
64.74	70.10	**7a** ***Amphibolite (metamorphosed Mafic V*** strongly foliated, dark grey/green, fg, amphibolite (meta mafic volc?). The foliation is identified largely by the thinly laminated alternating laminations of plag rich and amphibole/weak biotite layers.the foliation is around 45 TCA. There are a few veins of quartz and white feldspar/plag that are concordant with foliation and rimmed with biotite. Unit is nonmagnetic and only trace Py disseminated throughout, <1%.	1306333	69.00	70.00	1.00	94	109	56	0.00	0.02	0.01
70.10	70.90	**10aa** ***Tonalite*** dark grey and white, Mg hornblends and Cg plag, biotite altered, massive tonalite. Nonmineralized and										

Hole Number **TK-16-014** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
		nonmagnetic										
70.90	71.52	**7a** ***Amphibolite (metamorphosed Mafic V*** fine grained, dark grey/brown, amphibolite. Visible flecks offine grained black amphiboles with minor hornblende. Nonmineralized and nonmagnetic. Upper and lower contacts are marked by roughly planar whisps of tonalitic intrusive										
71.52	73.38	**7h** ***Hornblendite*** green, mg, strongly biotite altered, moderately foliated (30 TCA) hornblendite. Visible shean on the surface of core from the cleavage of biotite grains. Small pits on the surface of core indicating around 1% porosity. There are a few 1cm planar veins of tonalitic intrusive as well as mm scale, highly irregular habit veinlets cutting foliation at oblique angles. Nonmineralized and nonmagnetic.	1306334	72.00	73.00	1.00	350	49	47	0.00	0.02	0.01
73.38	73.60	**10aa** ***Tonalite*** beige and black, massive, cg tonalite intrusive seperating the hornblendite clast and lower amphibolite clast. Nonmagnetic and nonmineralized	1306335	73.00	74.00	1.00	102	115	42	0.00	0.02	0.01

Hole Number **TK-16-014** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
73.60	74.96	**7a** ***Amphibolite (metamorphosed Mafic V*** this clast seems to start off with a light green, fg, biotite altered amphibolite leading into a dark grey fg amphibolite. Seems like there are a few small localized coarser grained patches that look more like biotite altered hornblendite but these are minor and seem to be proximal to the upper contact. Unit is nonmineralized and nonmagnetic											
74.96	76.08	**10aa** ***Tonalite*** this tonalite is the same as the previously described tonalite. Still lacks mineralization and nonmagnetic										
76.08	82.46	**7ax** ***Amphibolite breccia*** fg-mg, dark grey, moderately foliated (30 TCA), nonmineralized amphibolite breccia with whitish mg tonalite and dark grey granodiorite PEG cutting clasts. Clast to intrusive 85/15. there are also a few small localized patches of what looks coarser grained with stronger biotite, may be hornblendite although this is minor. Weak to moderate pervassive biotite with increased intensity near contacts with intrusives. Unit is nonmagnetic and nonmineralized with the exception of trace disseminated py occasionally found in small blebs in intrusive/quartz veins. Subunits - 77.32-77.5, 79.05-79.19 tonalite veins, massive, nonmineralized with sharp contacts concordant with foliation. There is one highly irregular habit1cm thick, white, intrusive vein showing several fold hinges at 77.6m	1306336	77.00	78.00	1.00	91	114	30	0.00	0.01	0.01
			1306337	78.00	79.00	1.00	114	131	44	0.00	0.01	0.01
			1306338	79.00	80.00	1.00	117	109	40	0.00	0.01	0.01
			1306339	80.00	81.00	1.00	131	93	36	0.02	0.01	0.01

Hole Number **TK-16-014** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
82.46	83.10	**10ad** ***Syenite*** whitish beige, massive, fg, nonmineralized and nonmagnetic.										
83.10	84.42	**10acx** ***Granite breccia*** this is a small unit of nonmineralized dark grey mg, granodiorite breccia and hornblendite clasts with moderate pervasive biotite alt, roughly 50/50. contacts between clasts and intrusive are sharp and angular, indicating some brittle deformation. Nonmagnetic and nonmralized.										
84.42	85.15	**10ab** ***Granodiorite*** dark grey, mg, massive granodiorite. Nonmineralized and nonmagnetic.										
85.15	87.84	**7a** ***Amphibolite (metamorphosed Mafic V*** dark green/grey, fg, weak to mod pervassive biotite alt amphibolite. Nonmagnetic and nonmineralized. Several small felsic intrusive veins cut the core at various orientations, some with foliation others against it and very irregular habit.	1306341	85.00	86.00	1.00	116	90	42	0.00	0.01	0.01

Hole Number **TK-16-014** Project: **TYKO** Project Number: **001**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (ppm)	Cu (ppm)	Co (ppm)	Au (g/t)	Pt (g/t)	Pd (g/t)
87.84	88.90	**10aa** ***Tonalite*** same as previous descriptions for tonalite. Massive and nonmagnetic and nonmineralized										
88.90	99.00	**10acx** ***Granite breccia*** heterolithic multiphase granite breccia. Intrusives range from a pink granite peg vein, dark grey cg granodiorite to beige cg tonalite. There is a small amount of disseminated py throughout with one small occurance of vein/vug style euhedral Py at 96.3m in Hbl tonalite. Clasts are made up of amphibolite and hornblendite, both nonmineralized and range in size from 1cm up to decameter scale. Intrusive to clast 70/30. nonmineralized and nonmagnetic. Subunits- 91-92.16, 94.24-94.5 strong pervasive biotite altered, mg, green, strongly foliated hornblendite. Biotite alt increases near the margins near tonalite contacts. 94.5-94.7 foliated early felsic to intermediate intrusive, roughly planar foliation defined by biotite. 99m is EOH ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 88.90 - 99.00 PY DIS 0.1	1306342	90.00	91.00	1.00	129	45	27	0.00	0.01	0.01
			1306343	91.00	92.00	1.00	331	15	44	0.00	0.01	0.01
			1306344	92.00	93.00	1.00	138	8	19	0.00	0.01	0.01
			1306345	95.00	96.00	1.00	144	7	21	0.01	0.01	0.01
			1306346	96.00	97.00	1.00	99	8	14	0.00	0.01	0.01

Appendix II – Assay Certificates

ACCURASSAY LABORATORIES
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Wednesday, April 6, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 03/28/2016
Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
66973	1255501	0.022	0.104	0.094	89	2733	4377
66974	1255502	0.016	0.143	0.184	99	3562	4617
66975	1255503	0.007	0.020	<0.01	<1	45	58
66976	1255504	0.027	0.169	0.131	127	3658	6476
66977	1255505	0.009	<0.015	<0.01	6	910	234
66978	1255506	0.013	0.145	0.083	74	1897	4895
66979	1255507	0.057	0.232	0.129	137	4836	6147
66980	1255508	0.007	0.026	<0.01	12	589	539
66981	1255509	0.017	0.146	0.095	174	2047	6968
66982	1255510	0.030	0.267	0.142	209	5346	8132
66983	1255510 Dup	0.022	0.247	0.137	202	5011	7718
66984	1255511	0.015	0.201	0.164	215	2719	10398
66985	1255512	0.016	0.070	0.048	70	1197	1953
66986	1255513	<0.005	0.024	<0.01	20	281	212
66987	1255514	0.006	0.030	<0.01	71	289	942
66988	1255515	0.005	0.037	<0.01	13	316	429
66989	1255516	0.011	0.046	0.022	115	2269	3155
66990	1255517	0.007	0.018	0.015	90	1044	1740
66991	1255518	0.015	0.045	0.045	137	2689	4043
66992	1255519	0.033	0.069	0.057	165	3805	5221
66993	1255520	0.095	0.291	0.536	109	4333	4102
66994	1255520	Insufficient Sample					
66995	1255521	0.019	0.053	0.047	144	3094	4558
66996	1255522	0.021	0.060	0.061	192	4015	6487
66997	1255523	0.013	0.037	0.036	128	2523	3668

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.
The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

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V6E 4M3
Ph#: (604) 805-3530

Date Received: 03/28/2016
Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
66998	1255524	0.009	0.023	0.019	103	1644	2408
66999	1255525	<0.005	<0.015	<0.01	5	130	114
67000	1255526	0.010	0.054	0.046	77	1144	2057
67001	1255527	0.008	0.045	0.040	77	948	1818
67002	1255528	0.011	0.060	0.063	114	2369	3409
67003	1255529	0.010	0.059	0.048	77	1063	1947
67004	1255530	0.007	0.049	0.046	69	875	1672
67005	1255530 Dup	0.008	0.041	0.043	68	862	1620
67006	1255531	0.007	0.049	0.062	117	1926	3613
67007	1255532	0.011	0.110	0.143	222	4373	8587
67008	1255533	0.011	0.061	0.075	157	2205	5425
67009	1255534	<0.005	0.022	0.018	37	497	1063
67010	1255535	0.009	0.098	0.072	141	4012	5708
67011	1255536	<0.005	0.017	0.012	21	325	638
67012	1255537	0.012	0.031	0.030	52	825	1562
67013	1255538	0.006	0.064	0.064	84	1403	2221
67014	1255539	0.053	0.158	0.218	872	8811	23100
67015	1255540	<0.005	0.141	0.173	604	6673	24304
67016	1255540 Dup	<0.005	0.174	0.223	618	6606	23697
67017	1255541	0.005	0.114	0.088	237	1702	9088
67018	1255542	<0.005	0.062	0.052	163	1710	6261
67019	1255543	0.006	0.072	0.082	196	2777	6752
67020	1255544	<0.005	0.061	0.060	142	2071	4971
67021	1255545	0.006	0.060	0.089	173	4823	6652
67022	1255546	0.005	0.021	0.027	67	940	1945

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Date Received: 03/28/2016
Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67023	1255547	0.005	0.046	0.038	90	1546	2740
67024	1255548	0.031	0.062	0.042	101	1908	3459
67025	1255549	0.008	0.046	0.034	74	1118	1801
67026	1255550	0.008	0.047	0.048	94	1745	2738
67027	1255550 Dup	0.007	0.041	0.048	100	1891	2955
67028	1255551	<0.005	<0.015	<0.01	7	242	260
67029	1255552	<0.005	<0.015	0.013	80	682	1401
67030	1255553	<0.005	<0.015	<0.01	9	87	213
67031	1255554	<0.005	<0.015	<0.01	41	240	188
67032	1255555	0.005	<0.015	<0.01	4	95	42
67033	1255556	0.017	0.031	0.033	140	2679	4165
67034	1255557	0.006	<0.015	0.012	79	541	1131
67035	1255558	0.005	<0.015	0.013	84	817	1615
67036	1255559	0.013	0.016	0.020	108	1723	2723
67037	1255560	0.047	0.500	0.899	310	3895	14558
67038	1255560	Insufficient Sample					
67039	1255561	0.007	0.033	0.031	135	2593	3942
67040	1255562	0.006	<0.015	<0.01	5	107	184
67041	1255563	<0.005	<0.015	<0.01	1	99	73
67042	1255564	0.011	0.023	0.041	134	2303	4361
67043	1255565	0.007	<0.015	0.016	87	1158	1641
67044	1255566	<0.005	<0.015	<0.01	11	169	212
67045	1255567	<0.005	<0.015	<0.01	74	383	933
67046	1255568	0.005	<0.015	0.027	90	805	1697
67047	1255569	0.008	<0.015	0.019	90	940	1566

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Wednesday, April 6, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 03/28/2016
Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67048	1255570	<0.005	<0.015	<0.01	74	293	873
67049	1255570 Dup	<0.005	<0.015	0.013	76	294	875
67050	1255571	0.005	<0.015	<0.01	52	147	562
67051	1255572	0.006	<0.015	0.016	70	341	872
67052	1255573	<0.005	<0.015	<0.01	71	203	694
67053	1255574	<0.005	0.018	<0.01	60	274	659
67054	1255575	<0.005	0.045	0.033	93	1063	2272
67055	1255576	<0.005	<0.015	<0.01	5	112	72
67056	1255577	0.006	0.052	0.033	80	991	1669
67057	1255578	0.012	0.072	0.067	107	1982	3774
67058	1255579	0.024	0.053	0.038	47	1005	995
67059	1255580	0.005	<0.015	<0.01	11	43	38
67060	1255580	Insufficient Sample					
67061	1255581	0.009	0.042	0.036	70	945	1354
67062	1255582	0.011	0.055	0.129	137	3565	8335
67063	1255583	0.012	0.038	0.034	60	951	1286
67064	1255584	0.009	0.036	0.030	40	906	894
67065	1255585	0.008	0.067	0.076	90	1434	3379
67066	1255586	0.008	0.054	0.040	80	1121	1676
67067	1255587	0.007	0.063	0.050	63	1359	1304
67068	1255588	0.009	0.053	0.043	72	1061	886
67069	1255589	0.006	0.024	0.015	59	427	449
67070	1255590	<0.005	0.025	0.011	69	199	755
67071	1255590 Dup	0.006	0.016	<0.01	69	196	723
67072	1255591	<0.005	<0.015	<0.01	54	76	369

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67073	1255592	<0.005	<0.015	<0.01	66	96	618
67074	1255593	<0.005	0.023	<0.01	60	40	780
67075	1255594	<0.005	<0.015	<0.01	8	22	81
67076	1255595	<0.005	0.036	0.025	61	53	493
67077	1255596	<0.005	0.016	<0.01	62	109	387
67078	1255597	<0.005	<0.015	<0.01	3	13	18
67079	1255598	<0.005	<0.015	<0.01	7	16	37
67080	1255599	<0.005	<0.015	<0.01	12	45	74
67081	1255600	0.104	0.324	0.615	109	4273	4143
67082	1255600	Insufficient Sample					
67083	1403551	0.010	0.053	0.037	62	848	1049
67084	1403552	0.010	0.022	0.020	18	946	446
67085	1403553	0.028	0.042	0.036	50	1120	693
67086	1403554	0.052	0.076	0.074	76	1913	2238
67087	1403555	0.040	0.161	0.155	150	3689	5417
67088	1403556	0.040	0.116	0.114	115	4072	3851
67089	1403557	0.034	0.084	0.089	86	3121	2743
67090	1403558	0.039	0.090	0.092	100	4304	3394
67091	1403559	0.016	0.161	0.103	140	3414	3513
67092	1403560	<0.005	0.061	0.058	67	1483	2313
67093	1403560 Dup	0.006	0.065	0.057	66	1412	2266
67094	1403561	0.014	0.057	0.043	84	1012	2243
67095	1403562	0.009	0.030	0.027	41	505	1106
67096	1403563	0.009	0.101	0.147	124	1589	4738
67097	1403564	0.026	0.582	0.518	421	3674	20541

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

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Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67098	1403565	0.014	0.128	0.136	138	3064	6943
67099	1403566	<0.005	<0.015	<0.01	4	98	142
67100	1403567	<0.005	<0.015	<0.01	1	16	38
67101	1403568	<0.005	0.019	<0.01	5	227	198
67102	1403569	0.010	<0.015	<0.01	10	309	322
67103	1403570	<0.005	0.018	<0.01	8	244	212
67104	1403570 Rep	<0.005	<0.015	<0.01	5	228	166
67105	1403571	0.056	0.142	0.081	98	3274	4084
67106	1403572	0.029	0.073	0.062	87	1822	2538
67107	1403573	0.023	0.134	0.117	102	2296	4154
67108	1403574	0.026	0.180	0.159	131	2609	5801
67109	1403575	0.027	0.128	0.143	104	1956	4759
67110	1403576	0.021	0.072	0.052	74	1404	2034
67111	1403577	0.022	0.052	0.031	71	1160	1364
67112	1403578	0.022	0.077	0.047	80	1063	1773
67113	1403579	0.010	0.046	0.018	41	599	740
67114	1403580	<0.005	0.019	<0.01	3	42	54
67115	1403580 Dup	<0.005	0.023	<0.01	5	45	58
67116	1403581	0.025	0.103	0.097	93	1764	2638
67117	1403582	0.005	0.019	<0.01	2	110	53
67118	1403583	<0.005	0.034	0.013	54	309	671
67119	1403584	<0.005	<0.015	<0.01	19	55	79
67120	1403585	<0.005	<0.015	<0.01	10	27	53
67122	1403587	<0.005	0.018	<0.01	29	60	133
67123	1403588	0.032	0.117	0.095	85	3151	2945

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
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Assistant Manager - Thunder Bay

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Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67124	1403589	0.018	0.103	0.087	98	3219	3212
67125	1403590	0.043	0.589	0.989	307	4257	15315
67126	1403590	Insufficient Sample					
67127	1403591	0.030	0.086	0.062	90	3219	2491
67128	1403592	0.037	0.174	0.221	211	4163	8918
67129	1403593	0.009	0.079	0.080	107	3098	3664
67130	1403594	0.009	0.098	0.083	126	2817	4103
67131	1403595	0.013	0.191	0.113	230	4857	7953
67132	1403596	0.006	0.129	0.080	150	1852	4172
67133	1403597	0.027	0.115	0.131	134	3315	5610
67134	1403598	0.024	0.184	0.121	296	10987	14260
67135	1403599	0.015	0.104	0.060	146	4199	5089
67136	1403600	0.029	0.068	0.074	94	3601	3106
67137	1403600 Dup	0.008	0.062	0.068	90	3477	2988
67138	1403951	0.015	0.145	0.261	328	5080	16048
67139	1403952	0.008	0.088	0.071	174	4845	7677
67140	1403953	0.012	0.088	0.074	228	3273	12267
67141	1403954	0.019	0.193	0.177	378	12977	18813
67142	1403955	<0.005	0.048	0.049	90	1394	2872
67143	1403956	0.007	0.124	0.080	143	4775	5442
67144	1403957	0.012	0.270	0.347	628	4473	28934
67145	1403958	<0.005	0.077	0.056	149	2484	5061
67146	1403959	0.015	0.042	0.029	54	1280	2299
67147	1403960	<0.005	0.022	<0.01	7	51	117
67148	1403960	Insufficient Sample					

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Assistant Manager - Thunder Bay

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Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67149	1403961	0.012	0.057	0.048	114	2396	4027
67150	1403962	0.018	0.083	0.074	165	2931	5903
67151	1403963	0.007	0.051	0.035	161	3215	5987
67152	1403964	0.010	0.094	0.086	178	2631	6764
67153	1403965	0.009	0.067	0.048	118	2872	3625
67154	1403966	<0.005	0.057	0.045	125	2366	3617
67155	1403967	<0.005	0.051	0.032	81	1228	2409
67156	1403968	<0.005	0.072	0.048	145	3329	4576
67157	1403969	<0.005	0.017	<0.01	12	218	220
67158	1403970	<0.005	0.028	0.020	84	3948	2045
67159	1403970 Dup	<0.005	0.031	0.024	83	3912	2006
67160	1403971	<0.005	0.031	0.023	83	2084	1906
67161	1403972	<0.005	0.111	0.113	199	3482	8825
67162	1403973	<0.005	0.140	0.144	313	3219	13913
67163	1403974	<0.005	0.172	0.152	326	2581	13792
67164	1403975	<0.005	0.171	0.137	321	2274	13275
67165	1403976	<0.005	0.145	0.117	280	2527	11540
67166	1403977	<0.005	0.170	0.121	444	1866	19734
67167	1403978	<0.005	0.133	0.109	266	1425	10220
67168	1403979	<0.005	0.146	0.119	261	1815	9871
67169	1403980	0.062	0.315	0.620	131	4384	4489
67170	1403980	Insufficient Sample					
67171	1403981	<0.005	0.139	0.125	304	2602	12581
67172	1403982	<0.005	0.113	0.074	139	1370	5006
67173	1403983	<0.005	0.150	0.121	246	2203	10519

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Assistant Manager - Thunder Bay

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Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67174	1403984	<0.005	0.390	0.169	475	5554	13733
67175	1403985	0.007	0.323	0.247	379	4368	15010
67176	1403986	<0.005	0.165	0.103	195	931	5457
67177	1403987	<0.005	0.018	0.021	35	414	1417
67178	1403988	0.005	0.090	0.105	260	2547	9016
67179	1403989	<0.005	0.171	0.236	85	944	3197
67180	1403990	<0.005	0.183	0.220	244	2698	8795
67181	1403990 Dup	<0.005	0.162	0.227	228	2464	8115
67182	1403991	<0.005	0.274	0.346	112	1028	4435
67183	1403992	0.006	0.053	0.048	86	1525	1996
67184	1403993	<0.005	<0.015	0.016	41	375	493
67185	1403994	<0.005	<0.015	<0.01	3	20	68
67186	1403995	<0.005	<0.015	<0.01	<1	17	56
67187	1403996	<0.005	<0.015	<0.01	<1	13	53
67188	1403997	<0.005	<0.015	<0.01	48	61	377
67189	1403998	<0.005	<0.015	<0.01	49	56	357
67190	1403999	<0.005	<0.015	<0.01	81	59	1087
67191	1404000	<0.005	<0.015	<0.01	80	61	1091
67192	1404000 Dup	<0.005	<0.015	<0.01	80	61	1116
67193	1403851	0.014	<0.015	<0.01	80	51	1214
67194	1403852	0.008	<0.015	<0.01	80	34	886
67195	1403853	<0.005	<0.015	<0.01	21	43	108
67196	1403854	<0.005	<0.015	<0.01	47	71	240
67197	1403855	<0.005	<0.015	<0.01	6	38	56
67198	1403856	<0.005	<0.015	<0.01	55	51	298

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67199	1403857	<0.005	<0.015	<0.01	2	8	62
67200	1403858	<0.005	<0.015	<0.01	56	103	313
67201	1403859	<0.005	<0.015	<0.01	59	116	295
67202	1403860	<0.005	<0.015	<0.01	5	25	51
67203	1403860 Dup	<0.005	<0.015	<0.01	4	26	58
67204	1403861	0.057	<0.015	<0.01	60	100	264
67205	1403862	<0.005	<0.015	<0.01	37	100	106
67206	1403863	<0.005	<0.015	<0.01	33	188	91
67207	1403864	<0.005	<0.015	<0.01	25	66	56
67208	1403865	<0.005	<0.015	<0.01	46	86	53
67209	1403866	<0.005	<0.015	<0.01	49	125	74
67210	1403867	<0.005	0.036	0.028	105	1729	2978
67211	1403868	0.013	0.039	0.060	129	3700	3653
67212	1403869	0.014	0.044	0.045	135	2840	4352
67213	1403870	0.042	0.570	0.940	309	4015	14605
67214	1403870	Insufficient Sample					
67215	1403871	0.018	0.048	0.050	117	2541	3930
67216	1403872	<0.005	<0.015	<0.01	30	1049	960
67217	1403873	0.012	0.043	0.044	122	2205	3792
67218	1403874	0.010	0.046	0.042	115	1860	3613
67219	1403875	0.008	0.019	0.028	103	1782	2623
67220	1403876	<0.005	<0.015	<0.01	2	118	157
67221	1403877	<0.005	<0.015	0.010	99	832	1487
67222	1403878	<0.005	<0.015	<0.01	2	74	86
67223	1403879	0.006	0.026	0.022	97	1178	2112

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67224	1403880	<0.005	0.019	0.020	57	1093	1619
67225	1403880 Dup	<0.005	0.026	0.020	51	986	1496
67226	1403881	<0.005	0.026	0.027	101	1525	2694
67227	1403882	<0.005	<0.015	0.029	66	982	1770
67228	1403883	0.005	<0.015	0.016	74	1888	1774
67229	1403884	0.011	0.030	0.030	108	1758	2651
67230	1403885	0.011	<0.015	0.018	113	1900	3043
67231	1403886	<0.005	0.018	0.030	126	2423	3579
67232	1403887	0.019	0.044	0.049	147	3386	4681
67233	1403888	<0.005	0.022	0.024	46	671	1299
67234	1403889	<0.005	0.069	0.143	237	3468	7198
67235	1403890	<0.005	<0.015	<0.01	10	101	180
67236	1403890	Insufficient Sample					
67237	1403891	<0.005	0.028	0.029	81	955	2333
67238	1403892	<0.005	0.015	<0.01	12	142	315
67239	1403893	<0.005	<0.015	0.019	78	579	1482
67240	1403894	<0.005	0.021	0.020	68	679	1618
67241	1403895	<0.005	0.077	0.084	227	2355	8178
67242	1403896	<0.005	0.028	0.032	119	1065	3521
67243	1403897	<0.005	0.047	0.043	152	1889	4465
67244	1403898	<0.005	0.060	0.052	145	2082	4464
67245	1403899	<0.005	<0.015	<0.01	8	312	374
67246	1403900	<0.005	0.046	0.033	102	1418	2571
67247	1403900 Dup	<0.005	0.051	0.033	108	1487	2702
67248	1403901	<0.005	0.049	0.039	100	1285	2781

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Wednesday, April 6, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 03/28/2016
Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67249	1403902	<0.005	0.096	0.105	209	2732	7092
67250	1403903	<0.005	0.043	0.059	141	3146	4492
67251	1403904	<0.005	0.020	0.014	68	674	1161
67252	1403905	<0.005	<0.015	<0.01	49	152	577
67253	1403906	<0.005	<0.015	<0.01	9	83	155
67254	1403907	<0.005	<0.015	<0.01	75	581	1184
67255	1403908	<0.005	0.024	0.014	79	864	1520
67256	1403909	<0.005	<0.015	0.012	74	566	1213
67257	1403910	0.116	0.332	0.638	110	4348	4053
67258	1403910	Insufficient Sample					
67259	1403911	<0.005	<0.015	<0.01	11	268	282
67260	1403912	<0.005	0.016	0.013	78	836	1437
67261	1403913	<0.005	0.016	<0.01	70	457	974
67262	1403914	<0.005	0.017	0.016	85	902	1564
67263	1403915	<0.005	0.016	0.013	59	547	1051
67264	1403916	0.008	<0.015	0.015	48	259	595
67265	1403917	<0.005	<0.015	<0.01	3	59	71
67266	1403918	<0.005	0.018	0.014	72	786	1434
67267	1403919	0.006	0.037	0.034	121	2418	3517
67268	1403920	<0.005	0.017	0.014	13	507	469
67269	1403920 Dup	<0.005	<0.015	<0.01	13	505	455
67270	1403921	0.009	0.042	0.039	118	4268	3394
67271	1403922	0.008	0.050	0.048	149	3048	4763
67272	1403923	<0.005	<0.015	<0.01	5	180	162
67273	1403924	0.010	0.048	0.043	143	2772	4289

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67274	1403925	<0.005	0.041	0.028	113	2000	2823
67275	1403926	<0.005	0.016	<0.01	76	479	1095
67276	1403927	<0.005	0.036	0.029	72	658	1459
67277	1403928	<0.005	0.021	0.015	60	221	761
67278	1403929	<0.005	0.016	<0.01	8	23	162
67279	1403930	<0.005	0.016	<0.01	9	22	163
67280	1403930 Dup	<0.005	0.018	<0.01	9	20	167
67281	1403931	<0.005	0.052	0.033	83	984	1565
67282	1403932	0.007	0.083	0.077	96	2106	2725
67283	1403933	0.007	0.038	0.037	71	1010	1623
67284	1403934	<0.005	0.018	<0.01	1	50	62
67285	1403935	0.011	0.075	0.050	79	1466	2160
67286	1403936	0.014	0.057	0.045	78	1555	1750
67287	1403937	<0.005	<0.015	<0.01	29	163	424
67288	1403938	<0.005	<0.015	<0.01	2	37	45
67289	1403939	<0.005	<0.015	<0.01	3	15	34
67290	1403940	<0.005	<0.015	<0.01	7	87	131
67291	1403940 Dup	<0.005	<0.015	<0.01	8	87	140
67292	1403941	<0.005	<0.015	<0.01	3	13	34
67293	1403942	<0.005	0.023	0.021	96	1298	2275
67294	1403943	<0.005	0.015	0.015	79	765	1488
67295	1403944	<0.005	<0.015	0.016	68	506	1110
67296	1403945	<0.005	<0.015	<0.01	3	112	61
67297	1403946	<0.005	<0.015	<0.01	67	345	881
67298	1403947	<0.005	0.049	0.044	68	1146	2024

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
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Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67299	1403948	<0.005	0.024	0.028	51	726	978
67300	1403949	0.006	<0.015	<0.01	7	46	125
67301	1403950	0.061	0.548	0.976	299	3856	15391
67302	1403950	Insufficient Sample					
67303	1294401	<0.005	<0.015	<0.01	68	394	1470
67304	1294402	<0.005	0.019	0.023	48	1058	2200
67305	1294403	<0.005	<0.015	<0.01	3	59	92
67306	1294404	<0.005	<0.015	<0.01	3	13	42
67307	1294405	<0.005	<0.015	<0.01	29	19	176
67308	1294406	<0.005	<0.015	<0.01	55	28	416
67309	1294407	<0.005	<0.015	<0.01	15	59	49
67310	1294408	<0.005	<0.015	<0.01	38	125	179
67311	1294409	<0.005	<0.015	<0.01	45	97	126
67312	1294410	<0.005	<0.015	<0.01	56	199	79
67313	1294410 Dup	<0.005	<0.015	<0.01	57	202	78
67314	1294411	<0.005	<0.015	<0.01	57	104	156
67315	1294412	<0.005	<0.015	<0.01	13	33	44
67316	1294413	<0.005	<0.015	<0.01	5	12	37
67317	1294414	<0.005	<0.015	<0.01	26	11	122
67318	1294415	<0.005	<0.015	<0.01	26	27	174
67319	1294416	<0.005	<0.015	<0.01	56	110	466
67320	1294417	<0.005	<0.015	<0.01	44	116	376
67321	1294418	<0.005	<0.015	<0.01	63	140	552
67322	1294419	<0.005	<0.015	<0.01	50	79	351
67323	1294420	<0.005	<0.015	<0.01	4	8	39

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
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Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67324	1294420	Insufficient Sample					
67325	1294421	<0.005	<0.015	<0.01	49	94	388
67326	1294422	<0.005	<0.015	<0.01	56	142	467
67327	1294423	<0.005	<0.015	<0.01	59	183	546
67328	1294424	<0.005	0.018	<0.01	53	141	455
67329	1294425	<0.005	<0.015	<0.01	53	189	491
67330	1294426	<0.005	0.017	<0.01	56	136	463
67331	1294427	<0.005	<0.015	<0.01	62	133	511
67332	1294428	<0.005	<0.015	<0.01	58	146	557
67333	1294429	<0.005	<0.015	<0.01	21	64	183
67334	1294430	<0.005	<0.015	<0.01	60	121	548
67335	1294430 Dup	<0.005	<0.015	<0.01	61	124	566
67336	1294431	<0.005	<0.015	<0.01	38	75	313
67337	1294432	<0.005	<0.015	<0.01	12	17	63
67338	1294433	<0.005	<0.015	<0.01	61	153	499
67339	1294434	<0.005	<0.015	<0.01	17	85	172
67340	1294435	<0.005	<0.015	<0.01	71	201	774
67341	1294436	<0.005	<0.015	<0.01	16	22	65
67342	1294437	<0.005	<0.015	<0.01	70	274	708
67343	1294438	<0.005	0.016	0.011	67	225	598
67344	1294439	<0.005	<0.015	<0.01	77	260	720
67345	1294440	0.066	0.296	0.594	107	4237	4058
67346	1294440	Insufficient Sample					
67347	1294441	<0.005	<0.015	<0.01	20	53	82
67348	1294442	<0.005	<0.015	<0.01	24	9	77

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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V6E 4M3
Ph#: (604) 805-3530

Date Received: 03/28/2016
Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67349	1294443	<0.005	<0.015	<0.01	10	29	65
67350	1294444	<0.005	<0.015	<0.01	14	119	104
67351	1294445	<0.005	<0.015	<0.01	67	374	749
67352	1294446	<0.005	<0.015	<0.01	41	79	264
67353	1294447	<0.005	<0.015	<0.01	2	13	38
67354	1294448	<0.005	<0.015	<0.01	44	95	289
67355	1294449	<0.005	<0.015	<0.01	41	77	234
67356	1294450	<0.005	<0.015	<0.01	20	59	100
67357	1294450 Dup	<0.005	<0.015	<0.01	21	62	103
67358	1384451	<0.005	<0.015	<0.01	7	12	39
67359	1384452	<0.005	<0.015	<0.01	4	11	45
67360	1384453	<0.005	<0.015	<0.01	77	266	880
67361	1384454	<0.005	<0.015	<0.01	4	19	80
67362	1384455	<0.005	0.018	0.018	89	843	1448
67363	1384456	<0.005	<0.015	0.019	73	628	1242
67364	1384457	<0.005	0.033	0.027	99	1380	2302
67365	1384458	<0.005	0.047	0.036	95	2114	2573
67366	1384459	<0.005	0.041	0.087	140	2530	7737
67367	1384460	0.005	0.046	0.089	150	2676	8801
67368	1384460 Rep	0.010	0.061	0.099	178	2938	9710
67369	1384461	<0.005	<0.015	<0.01	36	158	352
67370	1384462	<0.005	0.021	<0.01	34	55	171
67371	1384463	<0.005	<0.015	<0.01	41	75	207
67372	1384464	<0.005	0.021	0.013	44	87	198
67373	1384465	<0.005	0.018	<0.01	41	95	285

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
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Date Completed: 04/06/2016
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Reference:
Sample #: 365

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
67374	1384466	<0.005	0.017	<0.01	15	19	59

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Job #: 201640647
Reference:
Sample #: 365

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AP10	Pd	5.940	6.070	0.310
AP10	Pd	5.949	6.070	0.310
AP10	Pd	6.089	6.070	0.310
AP10	Pd	5.863	6.070	0.310
AP10	Pd	5.853	6.070	0.310
AP10	Pd	6.128	6.070	0.310
AP10	Pd	5.940	6.070	0.310
WMS1	Pd	0.615	1.450	0.110
AP10	Pd	6.277	6.070	0.310
AP10	Pd	6.410	6.070	0.310
AP10	Pd	6.002	6.070	0.310
AP10	Pd	5.972	6.070	0.310
AP10	Pd	5.987	6.070	0.310
AP10	Pd	5.999	6.070	0.310
AP10	Pd	5.957	6.070	0.310
AP10	Pd	6.474	6.070	0.310
AP10	Pt	0.370	0.346	0.018
AP10	Pt	0.338	0.346	0.018
AP10	Pt	0.357	0.346	0.018
AP10	Pt	0.344	0.346	0.018
AP10	Pt	0.334	0.346	0.018
AP10	Pt	0.376	0.346	0.018

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Reference:
Sample #: 365

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AP10	Pt	0.367	0.346	0.018
WMS1	Pt	0.778	1.910	0.100
AP10	Pt	0.363	0.346	0.018
AP10	Pt	0.346	0.346	0.018
AP10	Pt	0.370	0.346	0.018
AP10	Pt	0.343	0.346	0.018
AP10	Pt	0.366	0.346	0.018
AP10	Pt	0.339	0.346	0.018
AP10	Pt	0.329	0.346	0.018
AP10	Pt	0.367	0.346	0.018
AP10	Au	0.291	0.318	0.042
AP10	Au	0.317	0.318	0.042
AP10	Au	0.389	0.318	0.042
AP10	Au	0.405	0.318	0.042
AP10	Au	0.258	0.318	0.042
AP10	Au	0.311	0.318	0.042
AP10	Au	0.350	0.318	0.042
WMS1	Au	0.167	0.300	0.040
AP10	Au	0.385	0.318	0.042
AP10	Au	0.291	0.318	0.042
AP10	Au	0.339	0.318	0.042
AP10	Au	0.303	0.318	0.042

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Sample #: 365

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AP10	Au	0.332	0.318	0.042
AP10	Au	0.297	0.318	0.042
AP10	Au	0.287	0.318	0.042
AP10	Au	0.301	0.318	0.042
AP10	Pd	5.981	6.070	0.310
AP10	Au	0.305	0.318	0.042
AP10	Pt	0.356	0.346	0.018
MAWP	Co	194	213	17
MAWP	Cu	2755	2990	160
MAWP	Ni	3779	4390	220
M600	Co	9	7	1
M600	Cu	453	482	23
M600	Ni	20	16	3
MAWP	Co	187	213	17
MAWP	Cu	2661	2990	160
MAWP	Ni	3623	4390	220
M600	Co	9	7	1
M600	Cu	430	482	23
M600	Ni	21	16	3
MAWP	Co	197	213	17
MAWP	Cu	2760	2990	160
MAWP	Ni	3831	4390	220

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
M600	Co	10	7	1
M600	Cu	456	482	23
M600	Ni	58	16	3
MAWP	Co	287	213	17
MAWP	Cu	4183	2990	160
MAWP	Ni	5840	4390	220
M600	Co	9	7	1
M600	Cu	453	482	23
M600	Ni	20	16	3
MAWP	Co	194	213	17
MAWP	Cu	2753	2990	160
MAWP	Ni	3806	4390	220
M600	Co	10	7	1
M600	Cu	457	482	23
M600	Ni	56	16	3
MAWP	Co	201	213	17
MAWP	Cu	2844	2990	160
MAWP	Ni	3913	4390	220
M600	Co	12	7	1
M600	Cu	469	482	23
M600	Ni	64	16	3
MAWP	Co	195	213	17

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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assay@accurassay.com

Wednesday, April 6, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 03/28/2016
Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
MAWP	Cu	2724	2990	160
MAWP	Ni	3799	4390	220
M600	Co	9	7	1
M600	Cu	441	482	23
M600	Ni	20	16	3
MAWP	Co	194	213	17
MAWP	Cu	2701	2990	160
MAWP	Ni	3731	4390	220
M600	Co	9	7	1
M600	Cu	451	482	23
M600	Ni	21	16	3
MAWP	Co	181	213	17
MAWP	Cu	2581	2990	160
MAWP	Ni	3570	4390	220
M600	Co	9	7	1
M600	Cu	454	482	23
M600	Ni	20	16	3
MAWP	Co	191	213	17
MAWP	Cu	2690	2990	160
MAWP	Ni	3721	4390	220
M600	Co	11	7	1
M600	Cu	464	482	23

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Date Received: 03/28/2016
Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
M600	Ni	62	16	3
MAWP	Co	206	213	17
MAWP	Cu	2943	2990	160
MAWP	Ni	4035	4390	220
M600	Co	9	7	1
M600	Cu	465	482	23
M600	Ni	19	16	3
MAWP	Co	194	213	17
MAWP	Cu	2763	2990	160
MAWP	Ni	3835	4390	220
M600	Co	9	7	1
M600	Cu	453	482	23
M600	Ni	19	16	3
MAWP	Co	192	213	17
MAWP	Cu	2716	2990	160
MAWP	Ni	3764	4390	220
M600	Co	11	7	1
M600	Cu	454	482	23
M600	Ni	63	16	3
M603	Cu	4632	<0.005	<0.005
M603	Ni	56	<0.005	<0.005
MAWP	Cu	1363	2990	160

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Date Completed: 04/06/2016
Job #: 201640647
Reference:
Sample #: 365

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
MAWP	Ni	1765	4390	220

APPLIED SCOPES: ALP1, ALCoMA1, ALCuMA1, ALNiMA1, ALPG1, ALFA1

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Assistant Manager - Thunder Bay

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Certificate of Analysis

Nickel One Resources Inc.
Date Created: 16-04-14
Job Number: 201640723
Date Received: 04/08/2016
Number of Samples: 133
Type of Sample: Pulp's
Date Completed: 04/14/2016
.

Acc #	Client ID	Sulphur ALTS1 %
74457	1255501	1.30
74458	1255502	1.69
74459	1255504	2.44
74460	1255506	1.63
74461	1255507	2.56
74462	1255509	3.33
74463	1255510	4.48
74464	1255511	5.11
74465	1255516	1.47
74466	1255518	1.97
74467	1255518 Dup	2.02
74468	1255519	2.80
74469	1255520	1.99
74470	1255521	2.26
74471	1255522	3.24
74472	1255523	1.34
74473	1255528	1.27
74474	1255531	1.89
74475	1255532	3.44
74476	1255533	2.42
74477	1255535	2.86
74478	1255535 Dup	2.87
74479	1255539	11.99
74480	1255540	11.42
74481	1255541	3.08
74482	1255542	3.00

Certified By:

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Certificate of Analysis

Nickel One Resources Inc.
Date Created: 16-04-14
Job Number: 201640723
Date Received: 04/08/2016
Number of Samples: 133
Type of Sample: Pulp's
Date Completed: 04/14/2016
.

74483	1255543	2.88
74484	1255544	1.76
74485	1255545	3.38
74486	1255547	1.19
74487	1255548	1.45
74488	1255550	1.30
74489	1255550 Dup	1.58
74490	1255556	2.29
74491	1255559	1.11
74492	1255560	9.13
74493	1255561	1.68
74494	1255564	1.84
74495	1255578	1.49
74496	1255582	2.36
74497	1255585	1.01
74498	1255600	2.04
74499	1403555	2.28
74500	1403555 Dup	2.21
74501	1403556	1.56
74502	1403557	1.02
74503	1403558	1.15
74504	1403559	1.77
74505	1403563	1.82
74506	1403564	11.35
74507	1403565	2.94
74508	1403571	1.63
74509	1403572	0.96
74510	1403573	1.97
74511	1403573 Dup	1.92
74512	1403574	2.41

Certified By:

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Certificate of Analysis

Nickel One Resources Inc.
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Job Number: 201640723
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Number of Samples: 133
Type of Sample: Pulp's
Date Completed: 04/14/2016
.

74513	1403575	2.25
74514	1403581	0.85
74515	1403588	0.96
74516	1403589	1.75
74517	1403590	9.19
74518	1403592	5.46
74519	1403593	1.97
74520	1403594	2.00
74521	1403595	4.67
74522	1403595 Dup	4.64
74523	1403596	2.25
74524	1403597	2.78
74525	1403598	8.13
74526	1403599	1.84
74527	1403600	1.77
74528	1403951	7.67
74529	1403952	4.24
74530	1403953	5.96
74531	1403954	8.21
74532	1403955	1.35
74533	1403955 Dup	1.40
74534	1403956	3.12
74535	1403957	15.82
74536	1403958	2.32
74537	1403961	2.15
74538	1403962	3.39
74539	1403963	3.37
74540	1403964	3.57
74541	1403965	2.16
74542	1403966	1.98

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Tuesday, May 17, 2016

Final Certificate

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1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
80778	1384467	<0.005	<0.015	0.014	2	42	83
80779	1384468	<0.005	<0.015	0.013	16	24	202
80780	1384469	<0.005	<0.015	0.012	84	68	1131
80781	1384470	<0.005	<0.015	0.013	67	121	663
80782	1384471	<0.005	<0.015	0.011	16	37	183
80783	1384472	<0.005	<0.015	<0.01	16	11	235
80784	1384473	<0.005	<0.015	0.013	73	21	975
80785	1384474	<0.005	<0.015	0.012	29	16	428
80786	1384475	0.006	<0.015	0.013	2	10	61
80787	1384476	0.006	<0.015	0.018	9	75	218
80788	1384476 Dup	0.005	<0.015	0.019	9	79	234
80789	1384477	<0.005	<0.015	0.016	85	86	984
80790	1384478	0.010	<0.015	0.016	90	380	1045
80791	1384479	<0.005	<0.015	0.022	82	207	1146
80792	1384480	0.057	0.543	0.964	313	3976	15279
80793	1384481	0.024	0.058	0.130	63	2688	3263
80794	1384482	0.032	0.245	0.267	173	4480	7597
80795	1384483	0.043	0.107	0.175	111	6742	4939
80796	1384484	0.040	0.217	0.327	206	8292	10376
80797	1384485	0.020	0.147	0.184	96	2655	4639
80798	1384486	0.028	0.276	0.429	207	4494	10553
80799	1384486 Dup	0.022	0.275	0.422	210	4974	12455
80800	1384487	<0.005	<0.015	0.021	35	192	374
80801	1384488	0.023	0.346	0.487	207	4463	12626
80802	1384489	0.024	0.066	0.132	54	4658	2495

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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Ph#: (604) 805-3530

Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
80803	1384490	0.025	0.402	0.632	279	7755	17885
80804	1384491	0.033	0.407	0.631	238	7665	15379
80805	1384492	0.027	0.371	0.546	255	6648	13110
80806	1384493	0.015	0.190	0.183	102	2933	4541
80807	1384494	0.022	0.403	0.698	251	6463	15346
80808	1384495	0.016	0.341	0.502	233	6344	11841
80809	1384496	0.033	0.191	0.308	139	5047	5834
80810	1384496 Dup	0.034	0.191	0.310	114	5160	5947
80811	1384497	0.020	1.029	1.269	534	8706	17059
80812	1384498	0.009	0.037	0.074	27	1584	1393
80813	1384499	0.017	0.385	0.381	128	2495	5740
80814	1384500	<0.005	0.018	0.018	8	76	210
80815	1384801	0.005	0.016	0.025	8	449	282
80816	1384802	<0.005	0.061	0.079	76	511	1119
80817	1384803	<0.005	<0.015	<0.01	6	53	116
80818	1384804	<0.005	<0.015	<0.01	24	63	235
80819	1384805	<0.005	<0.015	<0.01	24	137	240
80820	1384806	<0.005	<0.015	<0.01	52	97	784
80821	1384806 Dup	<0.005	<0.015	<0.01	54	91	801
80822	1384807	<0.005	<0.015	<0.01	48	369	940
80823	1384808	<0.005	0.029	0.026	74	235	1191
80824	1384809	<0.005	<0.015	0.027	48	171	1091
80825	1384810	<0.005	<0.015	0.028	84	318	1307
80826	1384811	<0.005	<0.015	0.018	44	1454	1952
80827	1384812	0.005	0.046	0.073	52	749	2044

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
80828	1384813	<0.005	0.045	0.061	29	686	1662
80829	1384814	0.006	<0.015	<0.01	6	694	363
80830	1384815	0.037	0.383	0.389	183	3986	10445
80831	1384816	0.011	0.131	0.140	72	1861	4029
80832	1384816 Dup	0.010	0.115	0.129	76	1743	3828
80833	1384817	<0.005	<0.015	<0.01	2	129	170
80834	1384818	0.007	0.050	0.064	43	1048	1492
80835	1384819	<0.005	0.040	0.050	73	925	1686
80836	1384820	0.086	0.330	0.582	96	4376	4133
80837	1384821	0.006	0.037	0.057	19	1451	1264
80838	1384822	0.027	0.421	0.738	202	8314	14869
80839	1384823	0.012	0.278	0.478	155	2939	9832
80840	1384824	0.008	0.035	0.035	63	1533	1365
80841	1384825	0.035	0.283	0.414	107	2159	5245
80842	1384826	<0.005	0.046	0.065	23	613	1697
80843	1384826 Rep	0.006	0.128	0.133	37	781	1854
80844	1384827	<0.005	<0.015	<0.01	41	97	381
80845	1384828	<0.005	0.021	0.020	47	207	423
80846	1384829	<0.005	0.017	0.032	52	179	841
80847	1384830	<0.005	<0.015	0.031	44	347	1219
80848	1384831	0.017	0.030	0.088	68	1230	1970
80849	1384832	0.008	0.024	0.046	43	713	1463
80850	1384833	0.043	0.135	0.216	91	3583	4328
80851	1384834	0.034	0.174	0.268	106	3210	5091
80852	1384835	0.027	0.163	0.264	104	2887	5274

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
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Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
80853	1384836	<0.005	0.026	0.044	16	514	1155
80854	1384836 Dup	0.010	0.032	0.063	16	486	1131
80855	1384837	0.056	0.221	0.315	149	4331	6316
80856	1384838	0.055	0.300	0.370	169	4142	7487
80857	1384839	0.015	0.199	0.317	143	3772	7597
80858	1384840	0.022	0.241	0.314	166	4668	7452
80859	1384841	0.022	1.322	0.704	862	9375	20234
80860	1384842	0.028	0.341	0.830	354	8576	28890
80861	1384843	0.026	0.144	0.214	117	3198	6072
80862	1384844	0.097	<0.015	0.018	5	354	233
80863	1384845	0.008	<0.015	0.013	3	240	132
80864	1384846	0.015	0.040	0.071	85	963	1746
80865	1384846 Dup	0.015	0.051	0.076	91	936	1741
80866	1384847	0.033	0.163	0.197	82	2627	2780
80867	1384848	0.014	0.025	0.056	64	524	1134
80868	1384849	0.008	<0.015	0.021	5	61	233
80869	1384850	0.055	0.258	0.355	60	2090	3233
80870	1384851	0.010	0.034	0.079	44	198	940
80871	1384852	0.030	0.018	0.043	55	171	994
80872	1384853	0.065	0.119	0.153	59	1526	1904
80873	1384854	0.075	0.236	0.273	64	2612	2705
80874	1384855	0.013	<0.015	0.027	46	259	492
80875	1384856	0.087	<0.015	0.019	31	70	246
80876	1384856 Dup	0.009	<0.015	0.019	32	76	264
80877	1384857	0.017	<0.015	0.022	51	139	417

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
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Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

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Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
80878	1384858	0.011	<0.015	0.024	52	183	358
80879	1384859	0.010	<0.015	0.025	54	177	412
80880	1384860	0.045	0.498	0.856	305	3844	13999
80881	1384861	0.010	<0.015	0.022	39	76	155
80882	1384862	0.010	<0.015	0.020	49	100	500
80883	1384863	0.010	<0.015	0.021	39	74	453
80884	1384864	0.011	<0.015	0.024	39	65	335
80885	1384865	0.059	<0.015	0.027	55	135	399
80886	1384866	0.010	<0.015	0.023	35	231	100
80887	1384866 Dup	0.010	0.015	0.022	34	190	98
80888	1384867	0.011	<0.015	0.020	44	111	155
80889	1384868	0.011	<0.015	0.020	20	94	313
80890	1384869	0.011	0.021	0.043	11	263	1893
80891	1384870	0.040	0.311	0.658	188	6653	11095
80892	1384871	0.013	0.026	0.123	7	1500	1567
80893	1384872	0.017	0.141	0.206	67	1686	4257
80894	1384873	0.012	0.072	0.091	35	471	2325
80895	1384874	0.024	1.355	1.173	749	8248	46280
80896	1384875	<0.005	0.030	0.077	30	1245	2408
80897	1384876	<0.005	0.019	<0.01	6	129	97
80898	1384876 Dup	<0.005	0.024	<0.01	6	126	78
80899	1384877	0.010	0.045	0.090	75	1529	3661
80900	1384878	0.031	0.282	0.296	120	7371	8396
80901	1384879	0.010	0.088	0.078	46	1575	2498
80902	1384880	<0.005	0.029	<0.01	4	27	66

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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Tuesday, May 17, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
80903	1384881	<0.005	0.023	<0.01	3	89	130
80904	1384882	<0.005	0.031	0.011	35	101	400
80905	1384883	<0.005	0.034	0.030	55	152	437
80906	1384884	<0.005	0.063	0.067	61	152	506
80907	1384885	<0.005	0.024	<0.01	9	20	93
80908	1384886	<0.005	0.058	0.085	52	181	300
80909	1384886 Rep	<0.005	0.042	0.034	56	175	370
80910	1384887	<0.005	0.038	0.018	51	101	474
80911	1384888	<0.005	0.050	0.060	35	106	381
80912	1384889	<0.005	0.022	0.010	41	60	270
80913	1384890	<0.005	0.030	0.016	43	106	317
80914	1384891	0.107	0.022	0.011	45	80	293
80915	1384892	<0.005	0.023	<0.01	37	40	233
80916	1384893	<0.005	0.027	0.011	34	81	239
80917	1384894	0.007	0.037	0.030	46	276	365
80918	1384895	<0.005	0.022	<0.01	17	42	155
80919	1384896	<0.005	0.024	<0.01	15	54	101
80920	1384896 Dup	<0.005	0.020	<0.01	14	53	86
80921	1384897	<0.005	0.027	<0.01	2	8	70
80922	1384898	0.098	0.021	<0.01	2	76	72
80923	1384899	<0.005	0.029	<0.01	22	64	119
80924	1384900	0.067	0.356	0.602	109	4262	4036
80925	1384901	0.006	0.028	<0.01	3	96	95
80926	1384902	0.007	0.076	0.098	58	522	857
80927	1384903	0.012	0.097	0.098	63	770	1568

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
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Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
80928	1384904	<0.005	0.028	<0.01	29	84	659
80929	1384905	<0.005	0.039	0.013	51	108	723
80930	1384906	<0.005	0.047	0.030	42	80	566
80931	1384906 Dup	<0.005	0.017	0.031	45	71	524
80932	1384907	0.023	0.075	0.096	92	2699	2483
80933	1384908	0.006	<0.015	0.017	14	267	417
80934	1384909	0.039	0.148	0.191	97	4108	4303
80935	1384910	0.050	0.283	0.382	190	6956	11438
80936	1384911	0.019	0.089	0.103	29	3696	1519
80937	1384912	0.042	0.239	0.307	185	4777	8683
80938	1384913	0.019	0.075	0.137	114	4374	5308
80939	1384914	0.010	0.315	0.591	336	3434	18506
80940	1384915	0.031	0.280	0.661	327	7016	20692
80941	1384916	0.014	0.322	0.740	388	4596	24795
80942	1384916 Dup	0.022	0.316	0.703	377	4689	24044
80943	1384917	0.018	0.219	0.576	250	4682	20144
80944	1384918	<0.005	0.018	0.014	2	123	301
80945	1384919	0.005	0.022	0.033	17	1636	678
80946	1384920	0.009	0.020	0.042	26	2851	1109
80947	1384921	<0.005	0.039	0.053	37	376	1323
80948	1384922	0.045	0.064	0.079	55	1770	1081
80949	1384923	<0.005	0.040	0.046	58	149	345
80950	1384924	<0.005	0.017	0.016	21	36	145
80951	1384925	<0.005	0.021	0.012	20	32	155
80952	1384926	<0.005	0.019	0.011	38	64	210

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
80953	1384926 Dup	<0.005	0.018	0.012	38	61	205
80954	1384927	<0.005	0.015	0.016	47	81	343
80955	1384928	<0.005	0.022	0.015	30	51	127
80956	1384929	<0.005	0.020	0.015	24	18	151
80957	1384930	<0.005	<0.015	0.016	22	21	174
80958	1384931	<0.005	0.022	0.011	9	28	92
80959	1384932	<0.005	0.027	0.015	41	41	168
80960	1384933	<0.005	0.021	0.020	36	12	305
80961	1384934	<0.005	0.022	<0.01	50	36	201
80962	1384935	<0.005	0.022	0.013	53	50	252
80963	1384936	0.015	0.029	0.013	38	52	157
80964	1384936 Dup	<0.005	0.028	0.012	39	52	158
80965	1384937	<0.005	0.023	0.018	46	146	170
80966	1384938	<0.005	0.021	0.016	36	55	148
80967	1384939	<0.005	0.026	0.015	35	299	822
80968	1384940	0.065	0.505	0.922	308	4059	14395
80969	1384941	0.007	0.024	0.013	48	48	729
80970	1384942	<0.005	0.031	0.012	32	18	245
80971	1384943	<0.005	0.026	0.015	92	52	1274
80972	1384944	<0.005	0.026	0.011	71	22	804
80973	1384945	<0.005	0.029	0.020	28	14	258
80974	1384946	<0.005	0.020	0.013	63	16	863
80975	1384946 Rep	<0.005	0.027	0.013	57	14	810
80976	1384947	0.005	0.029	0.015	110	43	1512
80977	1384948	<0.005	<0.015	<0.01	128	43	1571

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
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Assistant Manager - Thunder Bay

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Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
80978	1384949	<0.005	<0.015	<0.01	112	45	1583
80979	1384950	<0.005	<0.015	<0.01	78	43	1147
80980	1384951	<0.005	<0.015	<0.01	75	125	1523
80981	1384952	<0.005	<0.015	<0.01	77	159	1332
80982	1384953	<0.005	<0.015	<0.01	95	73	1648
80983	1384954	<0.005	<0.015	<0.01	75	43	1309
80984	1384955	<0.005	<0.015	<0.01	101	46	1819
80985	1384956	<0.005	<0.015	<0.01	104	39	1803
80986	1384956 Dup	<0.005	<0.015	<0.01	109	40	1839
80987	1384957	<0.005	<0.015	<0.01	109	36	1840
80988	1384958	<0.005	<0.015	<0.01	97	36	1534
80989	1384959	<0.005	<0.015	<0.01	101	131	1863
80990	1384960	<0.005	<0.015	<0.01	7	9	93
80991	1384961	<0.005	<0.015	<0.01	71	42	1325
80992	1384962	<0.005	<0.015	<0.01	53	188	191
80993	1384963	<0.005	<0.015	<0.01	22	27	176
80994	1384964	<0.005	<0.015	<0.01	23	35	194
80995	1384965	<0.005	<0.015	<0.01	15	13	109
80996	1384966	<0.005	<0.015	<0.01	17	35	158
80997	1384966 Dup	<0.005	<0.015	<0.01	17	14	140
80998	1384967	<0.005	<0.015	<0.01	32	65	136
80999	1384968	<0.005	<0.015	<0.01	44	49	174
81000	1384969	<0.005	<0.015	<0.01	27	46	124
81001	1384970	<0.005	0.017	<0.01	28	55	133
81002	1384971	<0.005	<0.015	<0.01	12	44	87

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81003	1384972	<0.005	<0.015	<0.01	35	73	136
81004	1384973	<0.005	<0.015	<0.01	24	42	107
81005	1384974	<0.005	<0.015	<0.01	18	41	106
81006	1384975	<0.005	<0.015	<0.01	16	11	221
81007	1384976	<0.005	<0.015	<0.01	17	44	81
81008	1384976 Dup	<0.005	<0.015	<0.01	17	40	76
81009	1384977	<0.005	<0.015	<0.01	25	33	79
81010	1384978	<0.005	<0.015	<0.01	32	115	103
81011	1384979	<0.005	<0.015	<0.01	28	39	102
81012	1384980	0.082	0.268	0.556	109	4136	4016
81013	1384981	<0.005	<0.015	<0.01	22	81	132
81014	1384982	<0.005	<0.015	<0.01	15	11	73
81015	1384983	<0.005	<0.015	<0.01	6	8	52
81016	1384984	<0.005	<0.015	<0.01	12	25	62
81017	1384985	<0.005	<0.015	<0.01	31	72	114
81018	1384986	<0.005	<0.015	<0.01	26	30	119
81019	1384986 Dup	0.006	<0.015	<0.01	28	28	115
81020	1384987	<0.005	<0.015	<0.01	29	79	103
81021	1384988	<0.005	<0.015	<0.01	17	54	70
81022	1384989	<0.005	<0.015	<0.01	12	20	64
81023	1384990	<0.005	<0.015	<0.01	19	37	126
81024	1384991	<0.005	<0.015	<0.01	7	13	48
81025	1384992	<0.005	<0.015	<0.01	3	51	43
81026	1384993	<0.005	<0.015	<0.01	8	6	54
81027	1384994	<0.005	<0.015	<0.01	5	8	46

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

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Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81028	1384995	<0.005	<0.015	<0.01	5	9	44
81029	1384996	<0.005	<0.015	<0.01	8	41	82
81030	1384996 Dup	<0.005	<0.015	<0.01	7	20	59
81031	1384997	<0.005	<0.015	<0.01	12	22	55
81032	1384998	<0.005	<0.015	<0.01	7	12	63
81033	1384999	<0.005	<0.015	<0.01	6	23	64
81034	1385000	<0.005	<0.015	<0.01	6	24	64
81035	1306301	<0.005	<0.015	<0.01	6	24	54
81036	1306302	<0.005	<0.015	<0.01	9	9	79
81037	1306303	<0.005	<0.015	<0.01	13	5	103
81038	1306304	<0.005	<0.015	<0.01	16	15	107
81039	1306305	<0.005	<0.015	<0.01	16	14	99
81040	1306306	<0.005	<0.015	<0.01	16	16	89
81041	1306306 Rep	<0.005	<0.015	<0.01	16	54	74
81042	1306307	<0.005	<0.015	<0.01	13	39	63
81043	1306308	<0.005	<0.015	<0.01	48	129	106
81044	1306309	<0.005	<0.015	<0.01	9	10	61
81045	1306310	<0.005	<0.015	<0.01	9	10	69
81046	1306311	0.006	<0.015	<0.01	17	15	82
81047	1306312	0.006	<0.015	<0.01	39	93	136
81048	1306313	0.007	<0.015	0.010	25	69	105
81049	1306314	0.008	<0.015	<0.01	12	202	78
81050	1306315	0.009	<0.015	<0.01	10	36	96
81051	1306316	0.009	<0.015	0.015	16	6	77
81052	1306316 Dup	0.009	<0.015	0.012	15	6	77

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81053	1306317	0.010	<0.015	0.011	37	4	548
81054	1306318	0.012	<0.015	0.014	66	57	119
81055	1306319	0.011	<0.015	0.016	55	108	117
81056	1306320	0.059	0.527	0.987	300	3935	14478
81057	1306321	0.013	<0.015	0.018	44	99	114
81058	1306322	0.010	<0.015	0.012	14	14	77
81059	1306323	<0.005	<0.015	<0.01	54	106	178
81060	1306324	0.006	<0.015	0.012	42	90	142
81061	1306325	<0.005	<0.015	0.010	22	26	84
81062	1306326	<0.005	<0.015	<0.01	25	30	93
81063	1306326 Dup	0.005	<0.015	<0.01	25	30	94
81064	1306327	<0.005	<0.015	<0.01	<1	54	106
81065	1306328	<0.005	<0.015	<0.01	50	107	156
81066	1306329	<0.005	<0.015	<0.01	53	103	126
81067	1306330	0.008	<0.015	<0.01	66	127	135
81068	1306331	<0.005	<0.015	<0.01	23	75	76
81069	1306332	<0.005	<0.015	<0.01	35	45	166
81070	1306333	<0.005	0.021	0.011	56	109	114
81071	1306334	<0.005	0.018	0.012	47	49	409
81072	1306335	<0.005	0.020	<0.01	42	115	121
81073	1306336	<0.005	<0.015	<0.01	30	114	103
81074	1306336 Dup	<0.005	<0.015	<0.01	31	117	107
81075	1306337	<0.005	<0.015	<0.01	44	131	138
81076	1306338	<0.005	<0.015	<0.01	40	109	139
81077	1306339	0.018	<0.015	<0.01	36	93	150

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81078	1306340	<0.005	<0.015	<0.01	4	10	78
81079	1306341	<0.005	<0.015	<0.01	42	90	142
81080	1306342	<0.005	<0.015	<0.01	27	45	164
81081	1306343	<0.005	<0.015	<0.01	44	15	381
81082	1306344	<0.005	<0.015	<0.01	19	8	169
81083	1306345	0.008	<0.015	<0.01	21	7	175
81084	1306346	<0.005	<0.015	<0.01	14	8	113
81085	1306346 Dup	<0.005	<0.015	<0.01	15	7	98
81086	1306347	<0.005	<0.015	0.011	59	64	529
81087	1306348	<0.005	<0.015	<0.01	69	84	731
81088	1306349	<0.005	<0.015	0.010	56	61	790
81089	1306350	<0.005	<0.015	0.015	35	48	588
81090	1306351	<0.005	<0.015	0.012	63	115	700
81091	1306352	<0.005	<0.015	0.025	65	89	678
81092	1306353	0.428	<0.015	<0.01	44	25	337
81093	1306354	<0.005	<0.015	<0.01	10	11	97
81094	1306355	<0.005	<0.015	<0.01	17	55	133
81095	1306356	<0.005	<0.015	<0.01	20	75	122
81096	1306356 Dup	<0.005	<0.015	<0.01	19	76	124
81097	1306357	<0.005	<0.015	0.013	44	102	669
81098	1306358	0.006	0.017	0.015	57	51	836
81099	1306359	<0.005	<0.015	0.022	55	56	631
81100	1306360	0.072	0.267	0.547	119	4349	4266
81101	1306361	0.047	0.019	0.017	60	12	778
81102	1306362	<0.005	<0.015	0.010	86	6	1049

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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Tuesday, May 17, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81103	1306363	<0.005	<0.015	0.019	83	114	1083
81104	1306364	<0.005	<0.015	0.017	69	82	982
81105	1306365	<0.005	<0.015	0.012	6	14	143
81106	1306366	<0.005	<0.015	<0.01	14	18	184
81107	1306366 Rep	<0.005	<0.015	<0.01	13	19	183
81108	1306367	<0.005	<0.015	0.022	45	16	615
81109	1306368	<0.005	<0.015	0.010	60	272	829
81110	1306369	<0.005	<0.015	0.010	47	38	635
81111	1306370	<0.005	<0.015	<0.01	45	83	257
81112	1306371	<0.005	<0.015	<0.01	43	41	183
81113	1306372	<0.005	<0.015	<0.01	52	156	364
81114	1306373	<0.005	0.025	0.013	37	20	386
81115	1306374	<0.005	0.015	0.020	50	20	416
81116	1306375	<0.005	0.029	0.044	52	52	473
81117	1306376	<0.005	<0.015	0.012	45	18	363
81118	1306376 Dup	<0.005	<0.015	<0.01	46	17	377
81119	1306377	<0.005	<0.015	<0.01	<1	6	46
81120	1306378	<0.005	<0.015	0.011	60	160	547
81121	1306379	<0.005	0.022	<0.01	29	69	241
81122	1306380	<0.005	<0.015	<0.01	26	67	219
81123	1306381	<0.005	<0.015	0.013	64	135	309
81124	1306382	<0.005	<0.015	<0.01	50	51	388
81125	1306383	<0.005	<0.015	<0.01	60	114	522
81126	1306384	<0.005	0.033	0.076	82	166	899
81127	1306385	0.006	<0.015	<0.01	10	33	70

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

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Assistant Manager - Thunder Bay

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Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81128	1306386	<0.005	<0.015	<0.01	63	44	884
81129	1306386 Dup	<0.005	<0.015	<0.01	63	43	861
81130	1306387	<0.005	<0.015	<0.01	15	24	165
81131	1306388	<0.005	<0.015	0.016	44	33	352
81132	1306389	<0.005	<0.015	<0.01	52	14	645
81133	1306390	<0.005	<0.015	<0.01	29	19	333
81134	1306391	0.006	<0.015	0.010	46	46	571
81135	1306392	<0.005	<0.015	<0.01	28	16	221
81136	1306393	<0.005	<0.015	<0.01	39	18	477
81137	1306394	<0.005	0.015	<0.01	37	74	229
81138	1306395	<0.005	<0.015	<0.01	40	64	274
81139	1306396	<0.005	<0.015	<0.01	54	103	338
81140	1306396 Dup	<0.005	<0.015	0.012	48	106	335
81141	1306397	<0.005	<0.015	<0.01	43	106	245
81142	1306398	0.053	<0.015	0.014	46	50	346
81143	1306399	0.006	<0.015	0.011	43	23	266
81144	1306400	0.044	0.525	1.028	317	4023	14392
81145	1383651	<0.005	<0.015	<0.01	59	121	820
81146	1383652	<0.005	<0.015	<0.01	27	29	220
81147	1383653	<0.005	<0.015	<0.01	38	12	346
81148	1383654	<0.005	<0.015	<0.01	35	9	268
81149	1383655	<0.005	<0.015	<0.01	39	4	302
81150	1383656	<0.005	<0.015	<0.01	25	46	173
81151	1383656 Dup	<0.005	<0.015	<0.01	26	46	170
81152	1383657	<0.005	0.016	<0.01	19	8	182

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81153	1383658	<0.005	<0.015	<0.01	16	12	97
81154	1383659	<0.005	<0.015	0.010	36	21	343
81155	1383660	<0.005	0.016	<0.01	40	12	415
81156	1383661	<0.005	<0.015	<0.01	35	29	277
81157	1383662	<0.005	<0.015	0.013	40	21	372
81158	1383663	<0.005	0.019	<0.01	36	8	364
81159	1383664	<0.005	<0.015	<0.01	36	8	360
81160	1383665	<0.005	<0.015	<0.01	13	6	165
81161	1383666	<0.005	0.022	0.011	26	10	382
81162	1383666 Dup	<0.005	0.017	<0.01	27	10	364
81163	1383667	<0.005	0.030	0.012	24	7	227
81164	1383668	<0.005	0.027	0.012	26	52	171
81165	1383669	<0.005	0.016	<0.01	31	6	365
81166	1383670	<0.005	0.022	<0.01	4	9	61
81167	1383671	<0.005	0.018	<0.01	29	14	246
81168	1383672	<0.005	0.022	<0.01	50	39	738
81169	1383673	<0.005	0.023	<0.01	44	7	639
81170	1383674	<0.005	0.017	<0.01	33	5	473
81171	1383675	0.028	0.160	0.175	67	1882	2089
81172	1383676	<0.005	0.097	0.079	61	871	900
81173	1383676 Rep	<0.005	0.072	0.078	59	994	996
81174	1383677	<0.005	0.023	<0.01	1	19	53
81175	1383678	<0.005	0.054	0.043	40	187	380
81176	1383679	0.006	0.097	0.086	43	912	835
81177	1383680	0.043	0.517	0.862	315	3955	14481

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
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Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Reference:
Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81178	1383681	0.009	0.149	0.145	58	1156	1270
81179	1383682	0.005	0.073	0.079	40	1480	649
81180	1383683	<0.005	0.106	0.174	27	602	2388
81181	1383684	<0.005	0.064	0.062	12	179	822
81182	1383685	0.027	0.195	0.226	53	1935	1901
81183	1383686	0.025	0.052	0.047	25	778	446
81184	1383686 Dup	0.016	0.086	0.098	27	764	432
81185	1383687	0.009	0.044	0.028	22	370	599
81186	1383688	0.013	0.131	0.151	64	1649	2525
81187	1383689	<0.005	<0.015	<0.01	3	117	108
81188	1383690	<0.005	0.054	0.043	60	895	1093
81189	1383691	<0.005	0.029	0.017	51	100	295
81190	1383692	<0.005	<0.015	<0.01	37	40	109
81191	1383693	<0.005	0.032	0.015	36	134	176
81192	1383694	<0.005	0.056	0.046	51	327	1014
81193	1383695	<0.005	0.026	<0.01	43	119	225
81194	1459918	<0.005	<0.015	0.011	74	4	625
81195	1459918 Dup	<0.005	0.027	0.012	63	3	634
81196	1459919	<0.005	0.030	0.012	83	5	611
81197	1459920	0.080	0.324	0.569	115	4301	4052
81198	1459921	<0.005	0.016	<0.01	71	101	649
81199	1459922	<0.005	0.031	<0.01	19	32	218
81200	1459923	<0.005	0.034	0.011	72	4	538
81201	1459924	<0.005	0.024	0.017	76	141	629
81202	1459925	<0.005	0.018	0.014	72	6	526

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

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Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Reference:
Sample #: 412

Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81203	1459926	<0.005	0.015	0.012	66	24	471
81204	1459927	<0.005	0.024	0.014	46	121	226
81205	1459928	<0.005	0.043	0.027	26	239	260
81206	1459928 Dup	<0.005	0.038	0.027	21	218	240
81207	1459929	<0.005	0.037	0.021	56	125	344
81208	1459930	<0.005	0.038	0.036	43	54	242
81209	1459931	<0.005	0.024	<0.01	14	5	102
81210	1459932	<0.005	0.034	0.018	68	84	496
81211	1459933	0.015	0.063	0.077	38	963	567
81212	1459934	<0.005	<0.015	<0.01	52	59	281
81213	1459935	<0.005	<0.015	<0.01	52	54	275
81214	1459936	<0.005	<0.015	<0.01	52	28	306
81215	1459937	<0.005	0.044	0.033	89	598	1497
81216	1459938	<0.005	<0.015	<0.01	52	509	306
81217	1459938 Dup	<0.005	<0.015	<0.01	55	503	298
81218	1459939	<0.005	<0.015	<0.01	72	168	690
81219	1459940	<0.005	<0.015	<0.01	74	153	670
81220	1459941	0.040	<0.015	0.026	63	2412	421
81221	1459942	0.026	0.452	0.463	140	3503	7528
81222	1459943	<0.005	0.056	0.038	98	984	1291
81223	1459944	0.050	0.160	0.164	117	5359	4332
81224	1459945	0.010	0.033	0.040	67	1643	1520
81225	1459946	0.013	0.138	0.163	90	3006	3560
81226	1459947	<0.005	<0.015	<0.01	3	107	207
81227	1459948	0.006	0.139	0.129	99	2076	2824

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

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Assistant Manager - Thunder Bay

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Acc #	Client ID	Au g/t (ppm)	Pt g/t (ppm)	Pd g/t (ppm)	Co ppm	Cu ppm	Ni ppm
81228	1459948 Dup	0.006	0.129	0.132	116	2278	3043
81229	1459949	<0.005	<0.015	<0.01	36	188	557
81230	1459950	<0.005	0.026	0.019	50	163	518

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Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AP10	Pt	0.333	0.346	0.018
AP10	Au	0.381	0.318	0.042
AP10	Au	0.283	0.318	0.042
AP10	Au	0.397	0.318	0.042
AP10	Pt	0.392	0.346	0.018
AP10	Pt	0.359	0.346	0.018
AP10	Pd	6.358	6.070	0.310
AP10	Pd	6.518	6.070	0.310
AP10	Pd	6.243	6.070	0.310
AP10	Au	0.367	0.318	0.042
AP10	Au	0.368	0.318	0.042
AP10	Pt	0.375	0.346	0.018
AP10	Pt	0.370	0.346	0.018
AP10	Pd	6.295	6.070	0.310
AP10	Pd	6.175	6.070	0.310
AP10	Pd	6.301	6.070	0.310
AP10	Pt	0.368	0.346	0.018
AP10	Au	0.363	0.318	0.042
AP10	Au	0.294	0.318	0.042
AP10	Au	0.370	0.318	0.042
AP10	Au	0.379	0.318	0.042
AP10	Pt	0.339	0.346	0.018

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AP10	Pt	0.318	0.346	0.018
AP10	Pd	6.271	6.070	0.310
AP10	Pd	6.199	6.070	0.310
AP10	Pd	6.295	6.070	0.310
AP10	Pt	0.349	0.346	0.018
WMS1	Pd	1.347	1.450	0.110
AP10	Pt	0.009	0.346	0.018
WMS1	Pt	1.859	1.910	0.100
AP10	Au	3.162	0.318	0.042
WMS1	Au	0.239	0.300	0.040
AP10	Pd	0.010	6.070	0.310
AP10	Pt	0.354	0.346	0.018
AP10	Pd	6.089	6.070	0.310
AP10	Pd	5.977	6.070	0.310
AP10	Pd	5.811	6.070	0.310
AP10	Pt	0.347	0.346	0.018
AP10	Pt	0.342	0.346	0.018
AP10	Au	0.312	0.318	0.042
AP10	Au	0.312	0.318	0.042
AP10	Au	0.352	0.318	0.042
AP10	Au	0.352	0.318	0.042
AP10	Au	0.318	0.318	0.042

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Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AP10	Au	0.318	0.318	0.042
AP10	Pt	0.337	0.346	0.018
AP10	Au	0.258	0.318	0.042
AP10	Pd	5.594	6.070	0.310
AP10	Pd	5.827	6.070	0.310
AP10	Pd	6.047	6.070	0.310
AP10	Pd	6.222	6.070	0.310
AP10	Pt	0.313	0.346	0.018
AP10	Pt	0.351	0.346	0.018
AP10	Pt	0.378	0.346	0.018
AP10	Au	0.317	0.318	0.042
AP10	Au	0.295	0.318	0.042
AP10	Au	0.284	0.318	0.042
AP10	Au	0.284	0.318	0.042
M600	Co	9	7	1
M600	Cu	426	482	23
M600	Ni	15	16	3
M601	Co	6	5	1
M601	Cu	895	1010	40
M601	Ni	23	24	2
M601	Ni	28	24	2
M601	Cu	971	1010	40

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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ACCURASSAY LABORATORIES
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assay@accurassay.com

Tuesday, May 17, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
M601	Co	6	5	1
M600	Ni	19	16	3
M600	Cu	430	482	23
M600	Co	8	7	1
M601	Ni	23	24	2
M601	Cu	964	1010	40
M601	Co	5	5	1
M600	Ni	18	16	3
M600	Cu	465	482	23
M600	Co	9	7	1
M601	Ni	47	24	2
M601	Cu	942	1010	40
M601	Co	7	5	1
M600	Ni	21	16	3
M600	Cu	425	482	23
M600	Co	8	7	1
M601	Ni	29	24	2
M601	Cu	933	1010	40
M601	Co	7	5	1
M600	Ni	18	16	3
M600	Cu	463	482	23
M600	Co	8	7	1

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
M601	Ni	29	24	2
M601	Cu	912	1010	40
M601	Co	5	5	1
M600	Ni	19	16	3
M600	Cu	450	482	23
M600	Co	9	7	1
M601	Ni	25	24	2
M601	Cu	966	1010	40
M601	Co	7	5	1
M600	Ni	19	16	3
M600	Cu	487	482	23
M600	Co	9	7	1
M601	Ni	27	24	2
M601	Cu	883	1010	40
M601	Co	6	5	1
M600	Ni	16	16	3
M600	Cu	442	482	23
M600	Co	9	7	1
M601	Ni	25	24	2
M601	Cu	954	1010	40
M601	Co	6	5	1
M600	Ni	18	16	3

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
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Lab Manager - Thunder Bay

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Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
M600	Cu	415	482	23
M600	Co	8	7	1
M601	Ni	30	24	2
M601	Cu	902	1010	40
M601	Co	6	5	1
M600	Ni	19	16	3
M600	Cu	420	482	23
M600	Co	9	7	1
M601	Ni	23	24	2
M601	Cu	866	1010	40
M601	Co	6	5	1
M600	Ni	17	16	3
M600	Cu	402	482	23
M600	Co	8	7	1
M601	Ni	25	24	2
M601	Cu	870	1010	40
M601	Co	6	5	1
M600	Ni	18	16	3
M600	Cu	409	482	23
M600	Co	9	7	1
M601	Ni	25	24	2
M601	Cu	879	1010	40

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
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Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

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Ph#: (604) 805-3530

Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
M601	Co	6	5	1
M600	Ni	15	16	3
M600	Cu	387	482	23
M600	Co	8	7	1
M601	Ni	26	24	2
M601	Cu	904	1010	40
M601	Co	7	5	1
M600	Ni	16	16	3
M600	Cu	425	482	23
M600	Co	8	7	1
M601	Ni	34	24	2
M601	Cu	899	1010	40
M601	Co	6	5	1
M600	Ni	16	16	3
M600	Cu	431	482	23
M600	Co	9	7	1
AP10	Pd	6.359	6.070	0.310
AP10	Pd	6.963	6.070	0.310
AP10	Pt	0.365	0.346	0.018
AP10	Pt	0.332	0.346	0.018
AP10	Au	0.330	0.318	0.042
AP10	Au	0.353	0.318	0.042

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Ph#: (604) 805-3530

Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
AP10	Au	0.494	0.318	0.042
AP10	Pd	6.618	6.070	0.310
AP10	Pd	6.408	6.070	0.310
AP10	Pt	0.327	0.346	0.018
AP10	Pt	0.319	0.346	0.018
AP10	Au	0.309	0.318	0.042
M603	Ni	56	<0.005	<0.005
M711	Ni	9545	11284	786
M601	Ni	71	24	2
M600	Ni	67	16	3
M601	Cu	936	1010	40
M600	Cu	442	482	23
M601	Ni	71	24	2
M601	Cu	900	1010	40
M600	Cu	466	482	23
M600	Ni	67	16	3
M601	Ni	67	24	2
M601	Cu	909	1010	40
M600	Ni	65	16	3
M600	Cu	476	482	23
M601	Ni	70	24	2
M600	Ni	68	16	3

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Tuesday, May 17, 2016

Final Certificate

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1110 - 1111 West Georgia St.
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V6E 4M3
Ph#: (604) 805-3530

Date Received: 04/14/2016
Date Completed: 04/27/2016
Revised Date: 05/11/2016
Job #: 201640774
Reference:
Sample #: 412

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
M601	Cu	972	1010	40
M600	Cu	448	482	23
M601	Ni	71	24	2
M600	Ni	65	16	3
M600	Cu	436	482	23
M600	Ni	65	16	3
M601	Cu	965	1010	40
M601	Ni	71	24	2
M601	Cu	995	1010	40
M601	Cu	955	1010	40
M601	Ni	83	24	2
M600	Ni	67	16	3
M600	Cu	462	482	23
M601	Ni	71	24	2
M601	Cu	942	1010	40
M600	Ni	63	16	3
M600	Cu	438	482	23
M601	Ni	70	24	2
M600	Cu	454	482	23
M601	Cu	940	1010	40
M600	Ni	67	16	3
M600	Cu	467	482	23

APPLIED SCOPES: ALP1, ALPG1, ALCoMA1, ALCuMA1, ALNiMA1, ALMA1

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Certificate of Analysis

Nickel One Resources Inc.
Date Created: 16-05-20
Job Number: 201641034
Date Received: 05/19/2016
Number of Samples: 51
Type of Sample: Pulp's
Date Completed: 05/20/2016
.

Acc #	Client ID	Carbon ALTC1 %	Sulphur ALTS1 %
113144	1384481	0.14	0.61
113145	1384482	0.04	2.16
113146	1384483	0.04	1.00
113147	1384484	0.04	3.12
113148	1384485	0.12	0.82
113149	1384486	0.11	3.04
113150	1384488	0.05	3.63
113151	1384490	0.72	5.21
113152	1384491	0.92	5.08
113153	1384491 Dup	0.93	5.11
113154	1384492	0.05	4.07
113155	1384493	0.10	0.96
113156	1384494	0.46	5.10
113157	1384495	0.07	4.40
113158	1384496	0.06	1.70
113159	1384497	0.02	7.29
113160	1384499	0.02	1.26
113161	1384815	0.38	2.39
113162	1384816	0.13	0.63
113163	1384822	0.03	4.73
113164	1384822 Dup	0.03	4.42
113165	1384823	0.02	2.99
113166	1384825	0.30	0.70
113167	1384833	0.02	1.30
113168	1384834	0.02	1.24
113169	1384835	0.01	0.98

Certified By:

ACCURASSAY LABORATORIES
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Certificate of Analysis

Nickel One Resources Inc.
Date Created: 16-05-20
Job Number: 201641034
Date Received: 05/19/2016
Number of Samples: 51
Type of Sample: Pulp's
Date Completed: 05/20/2016
.

113170	1384837	0.07	1.97
113171	1384838	0.08	2.30
113172	1384839	0.03	2.61
113173	1384840	0.03	2.87
113174	1384841	0.02	12.04
113175	1384841 Dup	0.02	12.96
113176	1384842	0.02	8.61
113177	1384843	0.03	1.57
113178	1384847	0.03	0.92
113179	1384850	0.03	0.39
113180	1384854	0.03	0.49
113181	1384870	0.01	1.95
113182	1384872	0.02	0.66
113183	1384874	0.01	14.47
113184	1384877	0.01	0.55
113185	1384878	0.02	2.03
113186	1384909	0.01	0.94
113187	1384910	0.02	1.83
113188	1384912	0.06	2.91
113189	1384913	0.17	0.57
113190	1384914	0.15	4.72
113191	1384915	0.05	6.37
113192	1384916	0.15	5.87
113193	1384917	0.07	5.00
113194	1459942	0.24	0.84
113195	1459944	0.03	1.38
113196	1459946	0.05	0.92
113197	1459948	0.10	0.74

Certified By:

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Tuesday, May 31, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 05/19/2016
Date Completed: 05/31/2016
Job #: 201641033
Reference:
Sample #: 12

Acc #	Client ID	Fe203 %	Si02 %	Al203 %	Na20 %	Mg0 %	K20 %	Ca0 %	P205 %	Mn0 %	Ti02 %	Cr203 %	V2O5 %	SO3 %	L0I %	Mass Balance %
113132	1255509	15.35	47.13	6.47	1.13	16.66	1.25	7.52	0.05	0.19	0.36	0.16	0.02	0.09	2.70	99.07
113133	1255522	16.00	46.53	5.25	0.93	19.71	0.60	5.81	0.03	0.18	0.37	0.23	0.02	0.24	2.38	98.29
113134	1255586	10.13	48.07	3.52	0.25	24.32	1.38	8.75	0.04	0.14	0.27	0.31	0.01	0.56	1.57	99.30
113135	1403563	12.94	48.03	6.77	1.16	17.98	1.08	8.64	0.03	0.16	0.45	0.16	0.02	0.37	1.18	98.97
113136	1403574	13.19	47.41	7.14	1.32	17.66	0.81	7.97	0.04	0.16	0.58	0.18	0.02	0.32	1.53	98.34
113137	1403978	23.40	43.60	5.47	0.90	15.05	1.82	5.91	0.01	0.29	0.38	0.18	0.03	0.29	0.68	98.02
113138	1384490	16.74	40.06	3.51	<0.01	25.05	0.48	3.08	0.08	0.13	0.24	0.04	<0.01	0.93	7.16	97.50
113139	1384497	16.28	47.30	6.85	1.52	13.17	1.41	3.18	0.11	0.18	0.22	0.04	<0.01	0.19	5.12	95.58
113140	1459942	11.08	45.39	4.13	0.05	22.87	1.24	7.77	0.18	0.19	0.47	0.08	0.02	0.33	4.70	98.47
113141	1384838	13.25	45.92	7.14	0.63	19.20	3.20	4.78	0.29	0.17	0.50	0.04	0.02	0.62	1.89	97.64
113142	1384914	15.90	47.17	2.81	<0.01	24.50	1.38	<0.01	0.07	0.12	0.20	0.03	<0.01	0.52	4.97	97.67
113143	1384948	13.09	39.61	3.23	<0.01	35.89	0.32	2.80	0.03	0.19	0.30	0.49	0.01	0.07	6.42	102.45

Control Std Certified

	Fe203 %	Si02 %	Al203 %	Na20 %	Mg0 %	K20 %	Ca0 %	P205 %	Mn0 %	Ti02 %	Cr203 %	V2O5 %	SO3 %	L0I %	Mass Balance %
NIST SR 690	95.58	3.71	0.18	0.00	0.18	0.00	0.20	0.03	0.23	0.02	0.00	0.00	0.00	0.00	100.13
NIST SR 692	85.18	10.14	1.41	0.01	0.46	0.04	0.02	0.09	0.00	0.04	0.00	0.00	0.00	2.50	99.89

APPLIED SCOPES: ALXR1

Validated By:

Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:

Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:

Derek Demianiuk, VP Quality

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CALA
Testing
Accreditation No. A 2977

-2261-05/31/2016 3:07 PM

Quality Analysis ... *Innovative Technologies*

Date Submitted: 20-May-16
Invoice No.: A16-04553
Invoice Date: 01-Jun-16
Your Reference: Tyko

Fladgate Exploration
195 Park Avenue
Thunder Bay ON P7B 1B9
Canada

ATTN: Neil Pettigrew

CERTIFICATE OF ANALYSIS

38 Pulp samples were submitted for analysis.

The following analytical package(s) were requested: Code 8-4 Acid-Tbay Total Digestion Code 8-4 Acid Total Digestion Assays

REPORT **A16-04553**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ni
Unit Symbol	%
Lower Limit	0.003
Method Code	4Acid ICPOES
100000	1.58
1384482	0.909
1384484	1.15
1384486	1.33
1384488	1.39
1384490	1.89
1384491	1.65
1384492	1.41
1384494	1.65
1384495	1.29
1384496	0.674
1384497	1.91
1384499	0.733
1384815	1.14
1384822	1.58
1384823	1.09
1384825	0.623
1384834	0.606
1384835	0.607
1384837	0.741
1384838	0.883
1384839	0.898
1384840	0.896
1384841	2.23
1384842	3.23
1384843	0.645
1384870	1.31
1384874	5.09
1384878	0.932
1384910	1.28
1384912	1.10
1384913	0.598
1384914	2.02
1384915	2.32
1384916	2.66
1384917	2.04
1459942	0.025
200000	1.55

Analyte Symbol	Ni
Unit Symbol	%
Lower Limit	0.003
Method Code	4Acid ICPOES
OREAS 14P Meas	2.09
OREAS 14P Cert	2.10
OREAS 14P Meas	2.10
OREAS 14P Cert	2.10
1384499 Orig	0.730
1384499 Dup	0.735
1384870 Orig	1.31
1384870 Dup	1.31
Method Blank	< 0.003
Method Blank	< 0.003

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Friday, June 3, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 05/20/2016
Date Completed: 06/02/2016
Job #: 201641037
Reference:
Sample #: 412

Acc #	Client ID	Ni ppm
113404	1384467	90
113405	1384468	166
113406	1384469	1173
113407	1384470	699
113408	1384471	155
113409	1384472	208
113410	1384473	1041
113411	1384474	480
113412	1384475	50
113413	1384476	181
113414	1384476 Dup	224
113415	1384477	1077
113416	1384478	1136
113417	1384479	1315
113418	1384480	14920
113419	1384481	3814
113420	1384482	8790
113421	1384483	5611
113422	1384484	10445
113423	1384485	5167
113424	1384486	12350
113425	1384486 Dup	12545
113426	1384487	192
113427	1384488	12929
113428	1384489	2655

APPLIED SCOPES: ALNiMA1

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Fax: (807) 622-7571
www.accurassay.com
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Friday, June 3, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 05/20/2016
Date Completed: 06/02/2016
Job #: 201641037
Reference:
Sample #: 412

Acc #	Client ID	Ni ppm
113429	1384490	17616
113430	1384491	15347
113431	1384492	13260
113432	1384493	4848
113433	1384494	15283
113434	1384495	11674
113435	1384496	6539
113436	1384496 Dup	6424
113437	1384497	17891
113438	1384498	1337
113439	1384499	6999
113440	1384500	225
113441	1384801	289
113442	1384802	1255
113443	1384803	95
113444	1384804	225
113445	1384805	197
113446	1384806	796
113447	1384806 Dup	779
113448	1384807	911
113449	1384808	1291
113450	1384809	1170
113451	1384810	1506
113452	1384811	2156
113453	1384812	2222

APPLIED SCOPES: ALNiMA1

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Acc #	Client ID	Ni ppm
113454	1384813	1874
113455	1384814	326
113456	1384815	10717
113457	1384816	4051
113458	1384816 Dup	4019
113459	1384817	140
113460	1384818	1586
113461	1384819	1743
113462	1384820	4324
113463	1384821	1320
113464	1384822	14504
113465	1384823	10615
113466	1384824	1366
113467	1384825	5935
113468	1384826	2070
113469	1384826 Rep	2131
113470	1384827	315
113471	1384828	394
113472	1384829	908
113473	1384830	1216
113474	1384831	2105
113475	1384832	1578
113476	1384833	5215
113477	1384834	5759
113478	1384835	5723

APPLIED SCOPES: ALNiMA1

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Acc #	Client ID	Ni ppm
113479	1384836	1168
113480	1384836 Dup	1204
113481	1384837	7275
113482	1384838	8154
113483	1384839	8755
113484	1384840	8543
113485	1384841	20445
113486	1384842	29939
113487	1384843	5994
113488	1384844	209
113489	1384845	120
113490	1384846	1912
113491	1384846 Dup	1877
113492	1384847	3289
113493	1384848	1278
113494	1384849	195
113495	1384850	3849
113496	1384851	860
113497	1384852	982
113498	1384853	1913
113499	1384854	2942
113500	1384855	440
113501	1384856	198
113502	1384856 Dup	221
113503	1384857	357

APPLIED SCOPES: ALNiMA1

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Acc #	Client ID	Ni ppm
113504	1384858	368
113505	1384859	447
113506	1384860	14744
113507	1384861	129
113508	1384862	423
113509	1384863	372
113510	1384864	293
113511	1384865	386
113512	1384866	102
113513	1384866 Dup	104
113514	1384867	127
113515	1384868	260
113516	1384869	1586
113517	1384870	12218
113518	1384871	1584
113519	1384872	4967
113520	1384873	2461
113521	1384874	47050
113522	1384875	2449
113523	1384876	96
113524	1384876 Dup	65
113525	1384877	4253
113526	1384878	9015
113527	1384879	2795
113528	1384880	55

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Acc #	Client ID	Ni ppm
113529	1384881	109
113530	1384882	330
113531	1384883	494
113532	1384884	522
113533	1384885	89
113534	1384886	362
113535	1384886 Rep	383
113536	1384887	492
113537	1384888	395
113538	1384889	330
113539	1384890	260
113540	1384891	243
113541	1384892	160
113542	1384893	204
113543	1384894	363
113544	1384895	128
113545	1384896	88
113546	1384896 Dup	71
113547	1384897	61
113548	1384898	59
113549	1384899	101
113550	1384900	4255
113551	1384901	86
113552	1384902	913
113553	1384903	1668

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Acc #	Client ID	Ni ppm
113554	1384904	672
113555	1384905	688
113556	1384906	566
113557	1384906 Dup	619
113558	1384907	3030
113559	1384908	430
113560	1384909	5222
113561	1384910	11855
113562	1384911	1609
113563	1384912	9936
113564	1384913	6067
113565	1384914	19087
113566	1384915	21557
113567	1384916	24622
113568	1384916 Dup	24746
113569	1384917	19000
113570	1384918	266
113571	1384919	731
113572	1384920	1138
113573	1384921	1579
113574	1384922	1157
113575	1384923	287
113576	1384924	121
113577	1384925	130
113578	1384926	188

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Acc #	Client ID	Ni ppm
113579	1384926 Dup	175
113580	1384927	285
113581	1384928	107
113582	1384929	125
113583	1384930	151
113584	1384931	77
113585	1384932	142
113586	1384933	257
113587	1384934	174
113588	1384935	170
113589	1384936	132
113590	1384936 Dup	138
113591	1384937	140
113592	1384938	126
113593	1384939	678
113594	1384940	14943
113595	1384941	726
113596	1384942	204
113597	1384943	1399
113598	1384944	907
113599	1384945	218
113600	1384946	999
113601	1384946 Rep	934
113602	1384947	1528
113603	1384948	1610

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Acc #	Client ID	Ni ppm
113604	1384949	1441
113605	1384950	1046
113606	1384951	1330
113607	1384952	1246
113608	1384953	1596
113609	1384954	1323
113610	1384955	1852
113611	1384956	1934
113612	1384956 Dup	1831
113613	1384957	1809
113614	1384958	1525
113615	1384959	1742
113616	1384960	54
113617	1384961	1341
113618	1384962	160
113619	1384963	155
113620	1384964	162
113621	1384965	92
113622	1384966	120
113623	1384966 Dup	118
113624	1384967	121
113625	1384968	145
113626	1384969	104
113627	1384970	112
113628	1384971	72

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Job #: 201641037
Reference:
Sample #: 412

Acc #	Client ID	Ni ppm
113629	1384972	115
113630	1384973	92
113631	1384974	89
113632	1384975	197
113633	1384976	68
113634	1384976 Dup	67
113635	1384977	66
113636	1384978	94
113637	1384979	90
113638	1384980	4254
113639	1384981	115
113640	1384982	64
113641	1384983	45
113642	1384984	55
113643	1384985	97
113644	1384986	107
113645	1384986 Dup	97
113646	1384987	93
113647	1384988	58
113648	1384989	55
113649	1384990	112
113650	1384991	40
113651	1384992	37
113652	1384993	44
113653	1384994	37

APPLIED SCOPES: ALNiMA1

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Acc #	Client ID	Ni ppm
113654	1384995	37
113655	1384996	69
113656	1384996 Dup	49
113657	1384997	46
113658	1384998	52
113659	1384999	54
113660	1385000	56
113661	1306301	42
113662	1306302	69
113663	1306303	90
113664	1306304	93
113665	1306305	84
113666	1306306	75
113667	1306306 Rep	60
113668	1306307	49
113669	1306308	90
113670	1306309	56
113671	1306310	51
113672	1306311	69
113673	1306312	117
113674	1306313	95
113675	1306314	64
113676	1306315	88
113677	1306316	65
113678	1306316 Dup	64

APPLIED SCOPES: ALNiMA1

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Acc #	Client ID	Ni ppm
113679	1306317	465
113680	1306318	102
113681	1306319	103
113682	1306320	15107
113683	1306321	102
113684	1306322	65
113685	1306323	152
113686	1306324	123
113687	1306325	67
113688	1306326	84
113689	1306326 Dup	81
113690	1306327	85
113691	1306328	130
113692	1306329	109
113693	1306330	114
113694	1306331	63
113695	1306332	147
113696	1306333	94
113697	1306334	350
113698	1306335	102
113699	1306336	91
113700	1306336 Dup	89
113701	1306337	114
113702	1306338	117
113703	1306339	131

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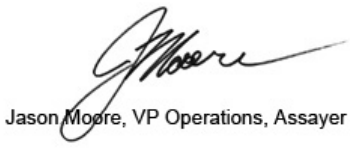
Acc #	Client ID	Ni ppm
113704	1306340	65
113705	1306341	116
113706	1306342	129
113707	1306343	331
113708	1306344	138
113709	1306345	144
113710	1306346	99
113711	1306346 Dup	80
113712	1306347	517
113713	1306348	656
113714	1306349	696
113715	1306350	490
113716	1306351	679
113717	1306352	662
113718	1306353	290
113719	1306354	77
113720	1306355	113
113721	1306356	101
113722	1306356 Dup	100
113723	1306357	627
113724	1306358	824
113725	1306359	649
113726	1306360	4112
113727	1306361	795
113728	1306362	1137

APPLIED SCOPES: ALNiMA1

Validated By:



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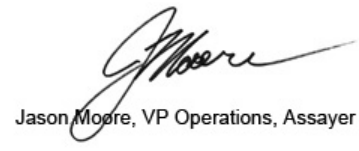
Certified By:



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Acc #	Client ID	Ni ppm
113729	1306363	1112
113730	1306364	1042
113731	1306365	117
113732	1306366	149
113733	1306366 Rep	146
113734	1306367	603
113735	1306368	824
113736	1306369	637
113737	1306370	247
113738	1306371	149
113739	1306372	414
113740	1306373	454
113741	1306374	508
113742	1306375	575
113743	1306376	369
113744	1306376 Dup	362
113745	1306377	51
113746	1306378	556
113747	1306379	291
113748	1306380	266
113749	1306381	298
113750	1306382	421
113751	1306383	631
113752	1306384	1054
113753	1306385	61

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Job #: 201641037
Reference:
Sample #: 412

Acc #	Client ID	Ni ppm
113754	1306386	936
113755	1306386 Dup	920
113756	1306387	144
113757	1306388	331
113758	1306389	622
113759	1306390	360
113760	1306391	615
113761	1306392	192
113762	1306393	544
113763	1306394	190
113764	1306395	233
113765	1306396	289
113766	1306396 Dup	279
113767	1306397	210
113768	1306398	322
113769	1306399	226
113770	1306400	14795
113771	1383651	682
113772	1383652	195
113773	1383653	367
113774	1383654	227
113775	1383655	304
113776	1383656	147
113777	1383656 Dup	143
113778	1383657	147

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Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
Fax: (807) 622-7571
www.accurassay.com
assay@accurassay.com

Friday, June 3, 2016

Final Certificate

Nickel One Resources Inc.
1110 - 1111 West Georgia St.
Vancouver, BC, CAN
V6E 4M3
Ph#: (604) 805-3530

Date Received: 05/20/2016
Date Completed: 06/02/2016
Job #: 201641037
Reference:
Sample #: 412

Acc #	Client ID	Ni ppm
113779	1383658	85
113780	1383659	283
113781	1383660	429
113782	1383661	261
113783	1383662	366
113784	1383663	423
113785	1383664	369
113786	1383665	196
113787	1383666	410
113788	1383666 Dup	405
113789	1383667	193
113790	1383668	145
113791	1383669	419
113792	1383670	50
113793	1383671	279
113794	1383672	849
113795	1383673	644
113796	1383674	449
113797	1383675	2027
113798	1383676	824
113799	1383676 Rep	953
113800	1383677	46
113801	1383678	346
113802	1383679	992
113803	1383680	14920

APPLIED SCOPES: ALNiMA1

Validated By:

Jason Moore, VP Operations, Assayer

Certified By:

Jason Moore, VP Operations, Assayer

Authorized By:

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-2261-06/03/2016 12:13 PM

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Date Received: 05/20/2016
Date Completed: 06/02/2016
Job #: 201641037
Reference:
Sample #: 412

Acc #	Client ID	Ni ppm
113804	1383681	1298
113805	1383682	647
113806	1383683	2741
113807	1383684	820
113808	1383685	2182
113809	1383686	477
113810	1383686 Dup	502
113811	1383687	577
113812	1383688	2864
113813	1383689	89
113814	1383690	1106
113815	1383691	248
113816	1383692	97
113817	1383693	151
113818	1383694	1053
113819	1383695	184
113820	1459918	645
113821	1459918 Dup	541
113822	1459919	554
113823	1459920	4102
113824	1459921	531
113825	1459922	185
113826	1459923	538
113827	1459924	616
113828	1459925	549

APPLIED SCOPES: ALNiMA1

Validated By:

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Ph#: (604) 805-3530

Date Received: 05/20/2016
Date Completed: 06/02/2016
Job #: 201641037
Reference:
Sample #: 412

Acc #	Client ID	Ni ppm
113829	1459926	502
113830	1459927	192
113831	1459928	219
113832	1459928 Dup	205
113833	1459929	300
113834	1459930	197
113835	1459931	54
113836	1459932	544
113837	1459933	601
113838	1459934	236
113839	1459935	230
113840	1459936	248
113841	1459937	1594
113842	1459938	247
113843	1459938 Dup	248
113844	1459939	776
113845	1459940	694
113846	1459941	384
113847	1459942	8426
113848	1459943	1202
113849	1459944	4883
113850	1459945	1716
113851	1459946	4390
113852	1459947	174
113853	1459948	3207

APPLIED SCOPES: ALNiMA1

Validated By:

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Certified By:

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Authorized By:

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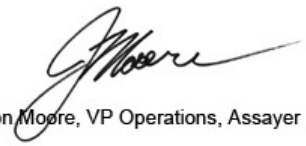
V6E 4M3
Ph#: (604) 805-3530

Date Received: 05/20/2016
Date Completed: 06/02/2016
Job #: 201641037
Reference:
Sample #: 412

Acc #	Client ID	Ni ppm
113854	1459948 Dup	3236
113855	1459949	495
113856	1459950	477

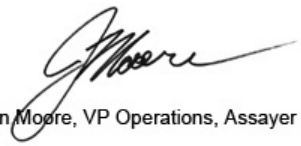
APPLIED SCOPES: ALNiMA1

Validated By:



Jason Moore, VP Operations, Assayer

Certified By:



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V6E 4M3
Ph#: (604) 805-3530

Date Received: 05/20/2016
Date Completed: 06/02/2016
Job #: 201641037
Reference:
Sample #: 412

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
M600	Ni	25	16	3
M601	Ni	21	24	2
M600	Ni	18	16	3
M601	Ni	23	24	2
M600	Ni	15	16	3
M601	Ni	23	24	2
M600	Ni	20	16	3
M601	Ni	24	24	2
M600	Ni	17	16	3
M601	Ni	21	24	2
M600	Ni	15	16	3
M601	Ni	27	24	2
M600	Ni	18	16	3
M601	Ni	25	24	2
M600	Ni	21	16	3
M600	Ni	15	16	3
M601	Ni	21	24	2
M600	Ni	17	16	3
M601	Ni	24	24	2
M600	Ni	16	16	3
M601	Ni	20	24	2
M600	Ni	17	16	3

APPLIED SCOPES: ALNiMA1

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
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Ph#: (604) 805-3530

Date Received: 05/20/2016
Date Completed: 06/02/2016
Job #: 201641037
Reference:
Sample #: 412

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
M601	Ni	25	24	2
M600	Ni	16	16	3
M601	Ni	23	24	2
M600	Ni	14	16	3
M601	Ni	23	24	2
M600	Ni	18	16	3
M601	Ni	24	24	2
M600	Ni	16	16	3
M601	Ni	22	24	2
M601	Ni	24	24	2

APPLIED SCOPES: ALNiMA1

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:

The results included on this report relate only to the items tested.
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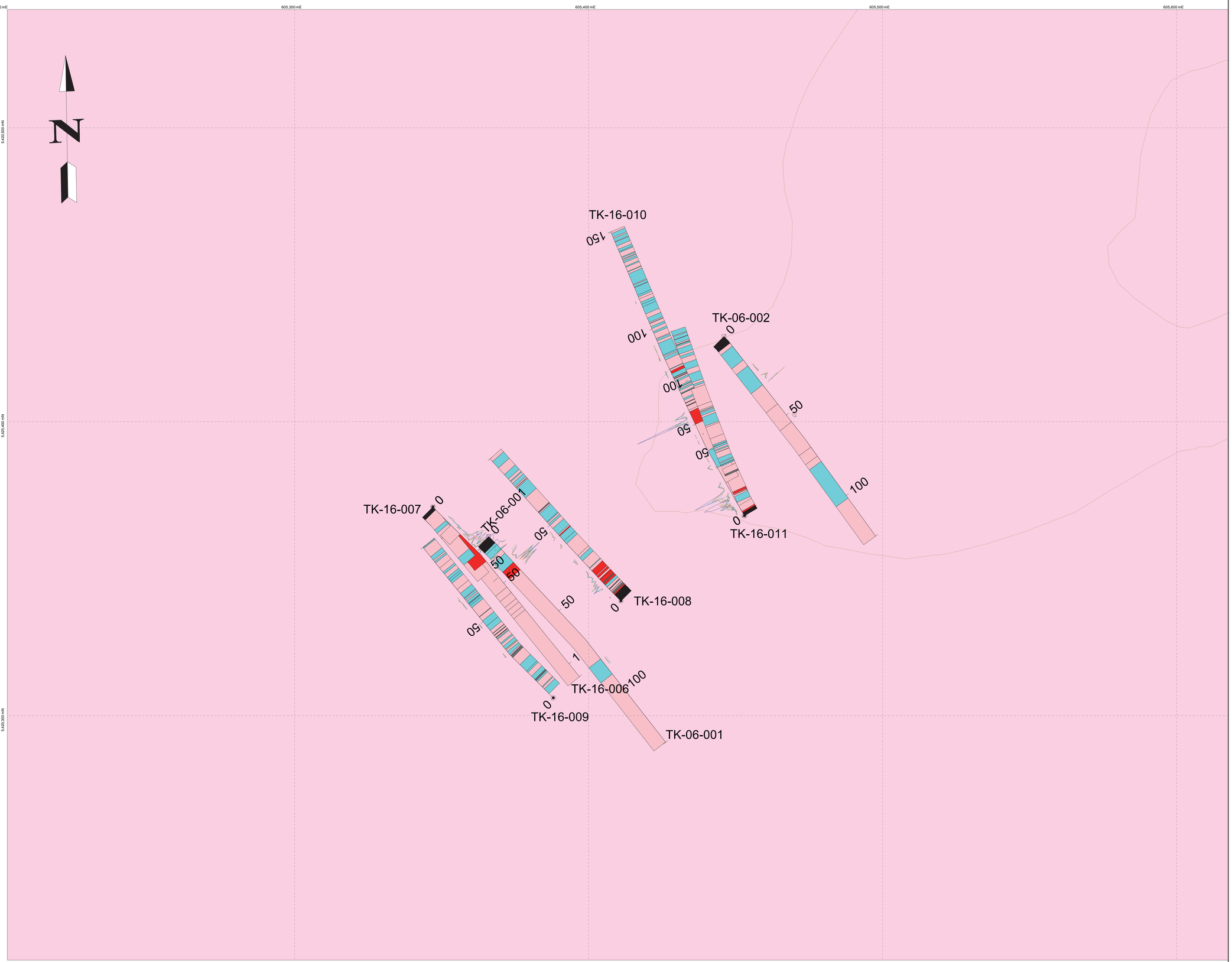
Appendix III – Drill Plan Map



Legend

Geology Legend

Phanerozoic

Quaternary

- OVB — Overburden
- OB — Glacial, glaciofluvial, and lacustrine deposits

Precambrian

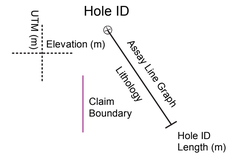
Archean

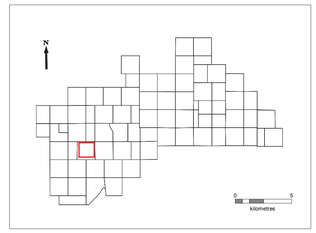
- 13 — Late Mafic Dyke
- 11 — Late Structural Zones
  - 11f — Shear zone
  - 11s — Fault zone
- 10 — Late Unfoliated Felsic to Intermediate Intrusions
  - 10a — Granitic rocks
  - 10aa — Tonalite rocks
  - 10aax — Tonalite Breccia
  - 10ab — Granodiorite
  - 10ac — Granite
  - 10acp — Granitic Pegmatite
  - 10acx — Granite Breccia
  - 10ad — Syenitic rocks
- 8 — Early Foliated Felsic to Intermediate Meta-Intrusions
  - 8t — Tonalite
  - 8tx — Tonalite Breccia
- 7 — Early Foliated Mafic-Ultramafic Intrusions
  - 7a — Amphibolite
  - 7aa — Diorite
  - 7ab — Gabbro
  - 7acb — Metagabbro
  - 7ax — Amphibolite Breccia
  - 7bb — Pyroxenite
  - 7bba — Clinopyroxenite
  - 7bbb — Orthopyroxenite
  - 7bbm — Mineralized Pyroxenite
  - 7bc — Peridotite
  - 7bx — Pyroxenite Breccia
  - 7ht — Hornblendite
  - 7hbt — Biotite-rich-Hornblendite
  - 7hm — Mineralized Hornblendite
  - 7hx — Hornblendite Breccia
- 5 — Clastic Metasedimentary Rocks

Assay Legend

Line Graph (right offset from hole)

- Ni wt% (6mm/unit, max. display width = 19mm)
- Cu wt% (6mm/unit, max. display width = 8mm)
- Pt g/t (6mm/unit, max. display width = 8mm)
- Pd g/t (6mm/unit, max. display width = 8mm)





Fladgate Exploration
consulting corporation

Date: 12/07/2016	Nickel One Resources Inc. Tyko Property Drill Plan Map
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:500	Projection: UTM Zone 16 (NAD 83)

0 7.5 15 30
metres

608,800 mE
608,900 mE
609,000 mE
609,100 mE
5,423,700 mN
5,423,600 mN
5,423,500 mN

N

TK-16-012
0
50
100
150
200
TK-16-014
50
0
50
TK-16-013
(vertical)

Legend

Geology Legend

Phanerozoic

Quaternary

OVB Overburden

OB Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Archean

13 Late Mafic Dyke

11 Late Structural Zones

11f Shear zone
11s Fault zone

10 Late Unfoliated Felsic to Intermediate Intrusions

10a Granitic rocks
10aa Tonalite rocks
10aaa Tonalite Breccia
10ab Granodiorite
10ac Granite
10acp Granitic Pegmatite
10aca Granite Breccia
10ad Syenitic rocks

8 Early Foliated Felsic to Intermediate Meta-Intrusions

8t Tonalite
8tx Tonalite Breccia

7 Early Foliated Mafic-Ultramafic Intrusions

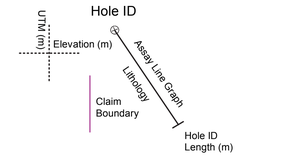
7a Amphibolite
7aa Diorite
7ab Gabbro
7acb Metagabbro
7ax Amphibolite Breccia
7bb Pyroxenite
7bba Clinopyroxenite
7bbb Orthopyroxenite
7bbm Mineralized Pyroxenite
7bc Peridotite
7bx Pyroxenite Breccia
7h Hornblendite
7hbt Biotite-rich Hornblendite
7hm Mineralized Hornblendite
7hx Hornblendite Breccia

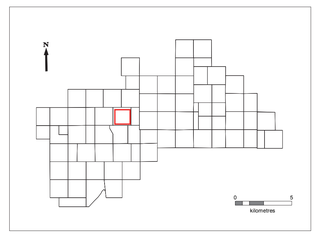
5 Clastic Metasedimentary Rocks

Assay Legend

Line Graph (right offset from hole)

Ni wt% (6mm/unit, max. display width = 19mm)
Cu wt% (6mm/unit, max. display width = 8mm)
Pt g/t (6mm/unit, max. display width = 8mm)
Pd g/t (6mm/unit, max. display width = 8mm)





Fladgate Exploration
consulting corporation

Date: 12/07/2016	Nickel One Resources Inc. Tyko Property Drill Plan Map
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:500	Projection: UTM Zone 16 (NAD 83)

0 7.5 15 30
metres

604,400 mE
604,500 mE
604,600 mE
604,700 mE
5,421,700 mN
5,421,600 mN
5,421,500 mN

TK-07-003
TK-16-002
TK-06-005
TK-16-001
TK-06-003
TK-06-004
TK-16-003
TK-07-006
TK-07-005
TK-16-004
TK-16-005

Legend

Geology Legend

Phanerozoic

Quaternary

- OVB — Overburden
- OB — Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Archean

- 13 — Late Mafic Dyke
- 11 — Late Structural Zones
  - 11f — Shear zone
  - 11s — Fault zone
- 10 — Late Unfoliated Felsic to Intermediate Intrusions
  - 10a — Granitic rocks
  - 10aa — Tonalite rocks
  - 10aax — Tonalite Breccia
  - 10ab — Granodiorite
  - 10ac — Granite
  - 10acp — Granitic Pegmatite
  - 10acx — Granite Breccia
  - 10ad — Syenitic rocks
- 8 — Early Foliated Felsic to Intermediate Meta-Intrusions
  - 8t — Tonalite
  - 8tx — Tonalite Breccia
- 7 — Early Foliated Mafic-Ultramafic Intrusions
  - 7a — Amphibolite
  - 7aa — Diorite
  - 7ab — Gabbro
  - 7acb — Metanorgabbro
  - 7ax — Amphibolite Breccia
  - 7bb — Pyroxenite
  - 7bba — Clinopyroxenite
  - 7bbb — Orthopyroxenite
  - 7bbm — Mineralized Pyroxenite
  - 7bc — Peridotite
  - 7bx — Pyroxenite Breccia
  - 7hb — Hornblendite
  - 7hbt — Biotite-rich-Hornblendite
  - 7hm — Mineralized Hornblendite
  - 7hx — Hornblendite Breccia
- 5 — Clastic Metasedimentary Rocks

Assay Legend

Line Graph (right offset from hole)

- Ni wt% (6mm/unit, max. display width = 19mm)
- Cu wt% (6mm/unit, max. display width = 8mm)
- Pt g/t (6mm/unit, max. display width = 8mm)
- Pd g/t (6mm/unit, max. display width = 8mm)

Hole ID
UTM (m)
Elevation (m)
Assay Line Graph
Lithology
Claim Boundary
Hole ID
Length (m)

N

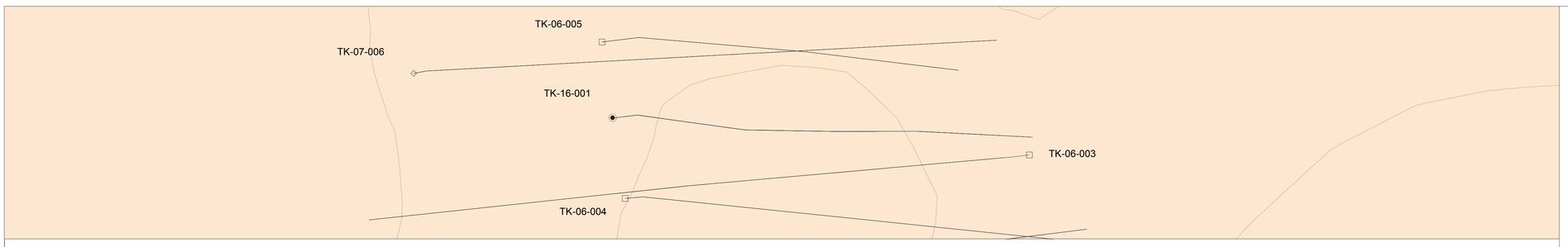
0 5 kilometres

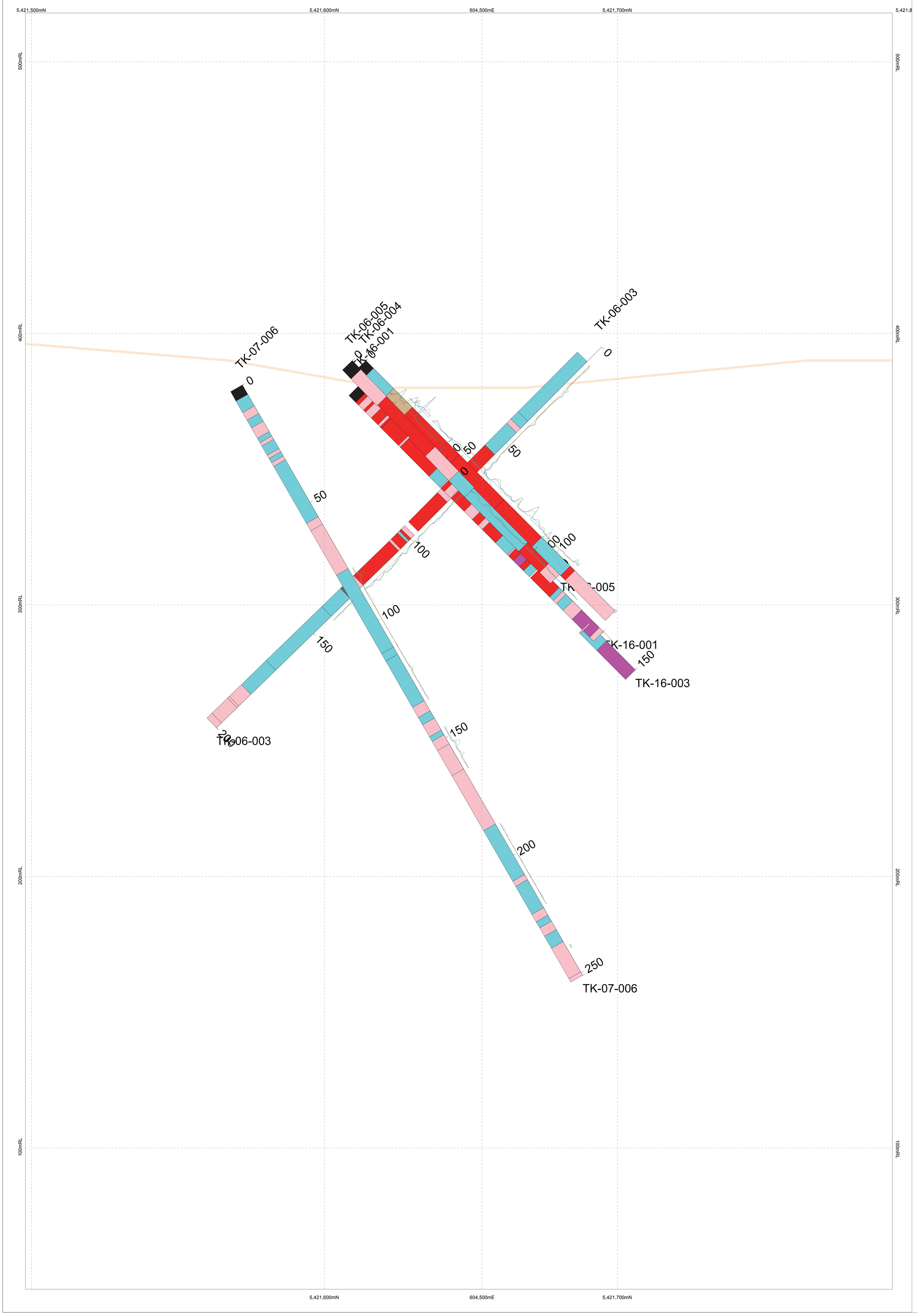
Fladgate Exploration
consulting corporation

Date: 12/07/2016	Nickel One Resources Inc. Tyko Property Drill Plan Map
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:500	Projection: UTM Zone 16 (NAD 83)

0 7.5 15 30
metres

Appendix IV – Drill Cross Sections





Legend

Geology Legend

Phanerozoic

Quaternary

OVB		Overburden
	OB	Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Archean

13		Late Mafic Dyke
11		Late Structural Zones
	11f	Shear zone
	11s	Fault zone
10		Late Unfoliated Felsic to Intermediate Intrusions
	10a	Granitic rocks
	10aa	Tonalite rocks
	10aax	Tonalite Breccia
	10ab	Granodiorite
	10ac	Granite
	10acp	Granitic Pegmatite
	10acx	Granite Breccia
	10ad	Syenitic rocks
8		Early Foliated Felsic to Intermediate Meta-Intrusions
	8t	Tonalite
	8tx	Tonalite Breccia
7		Early Foliated Mafic-Ultramafic Intrusions
	7a	Amphibolite
	7aa	Diorite
	7ac	Gabbro
	7acb	Melanogabbro
	7ax	Amphibolite Breccia
	7bb	Pyroxenite
	7bba	Clinopyroxenite
	7bbb	Orthopyroxenite
	7bbm	Mineralized Pyroxenite
	7bc	Peridotite
	7bx	Pyroxenite Breccia
	7h	Hornblendite
	7hbt	Biotite-rich Hornblendite
	7hm	Mineralized Hornblendite
	7hx	Hornblendite Breccia
5		Clastic Metasedimentary Rocks

Assay Legend

Line Graph (right offset from hole)

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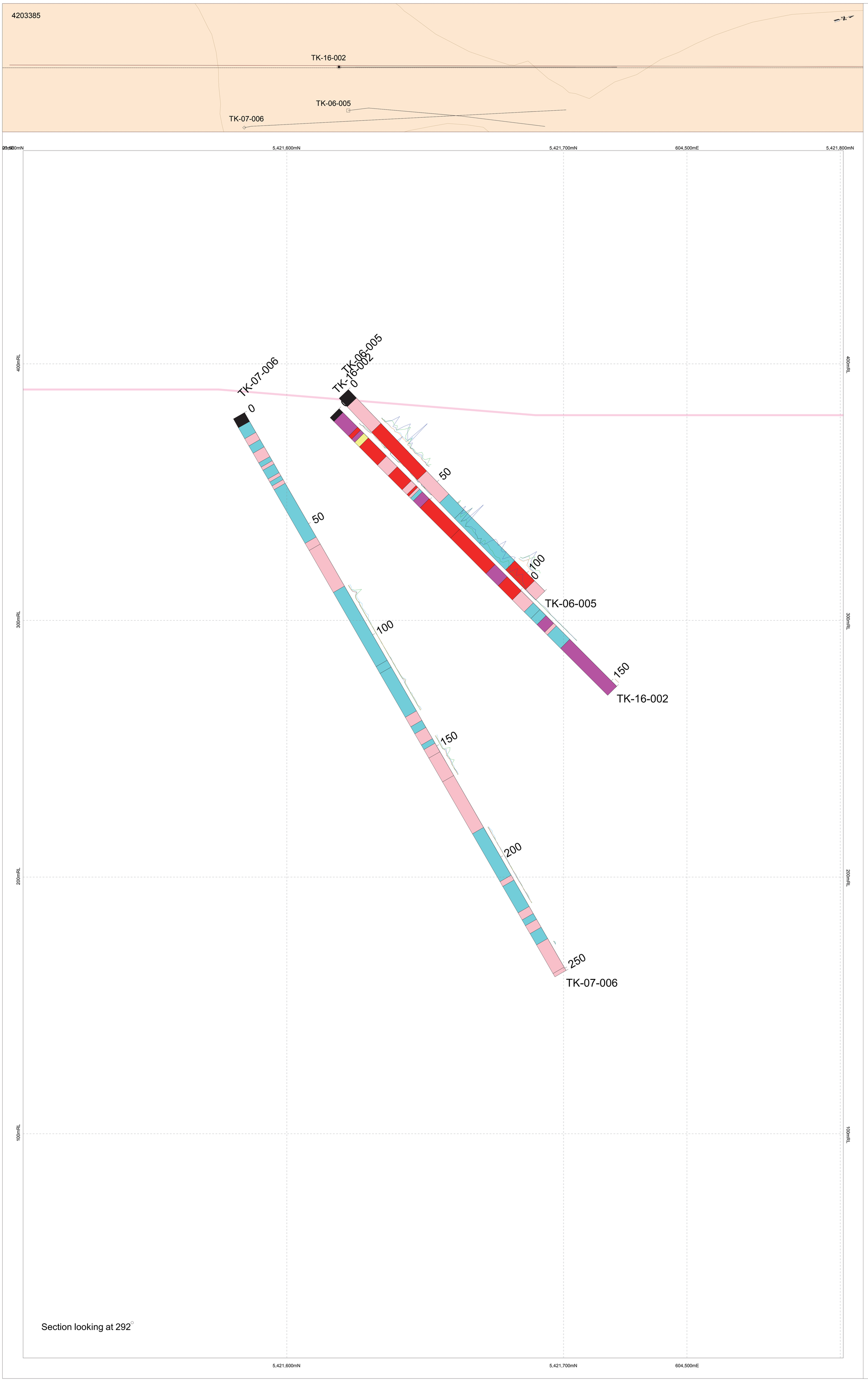
- Cu wt% (6mm/unit, max. display width = 8mm)
- Pt g/t (6mm/unit, max. display width = 8mm)
- Pd g/t (6mm/unit, max. display width = 8mm)

Fladgate Exploration
consulting corporation

	Nickel One Resources Inc. Tyko Property TK-16-001
Date: 12/07/2016	
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres



Legend

Geology Legend

Phanerozoic

Quaternary

OVB	Overburden	
	OB	Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Archean

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	10ac	Granite
	10acp	Granitic Pegmatite
	10acx	Granite Breccia
	10ad	Syenitic rocks
8	Early Foliated Felsic to Intermediate Meta-Intrusions	
	8t	Tonalite
	8tx	Tonalite Breccia
7	Early Foliated Mafic-Ultramafic Intrusions	
	7a	Amphibolite
	7aa	Diorite
	7ac	Gabbro
	7acb	Melanogabbro
	7ax	Amphibolite Breccia
	7bb	Pyroxenite
	7bba	Clinopyroxenite
	7bbb	Orthopyroxenite
	7bbm	Mineralized Pyroxenite
	7bc	Peridotite
	7bx	Pyroxenite Breccia
	7h	Hornblendite
	7hbt	Biotite-rich Hornblendite
	7hm	Mineralized Hornblendite
	7hx	Hornblendite Breccia
5	Clastic Metasedimentary Rocks	

Assay Legend

Line Graph (right offset from hole)

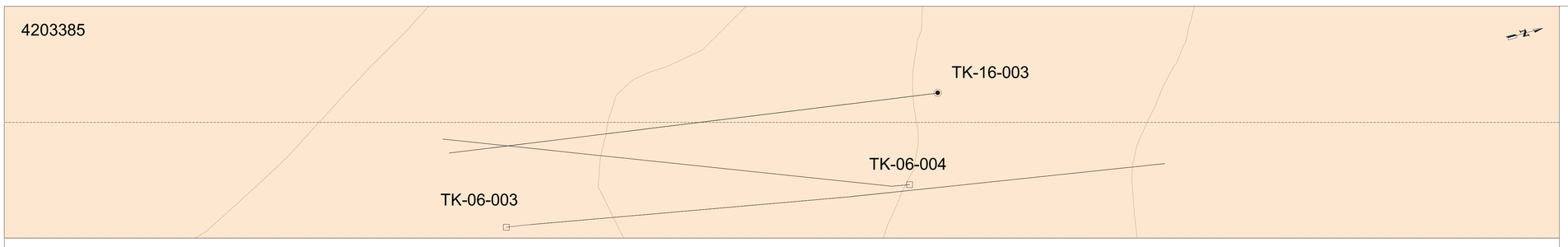
- Ni wt% (6mm/unit, max. display width = 19mm)
- Cu wt% (6mm/unit, max. display width = 8mm)
- Pt g/t (6mm/unit, max. display width = 8mm)
- Pd g/t (6mm/unit, max. display width = 8mm)

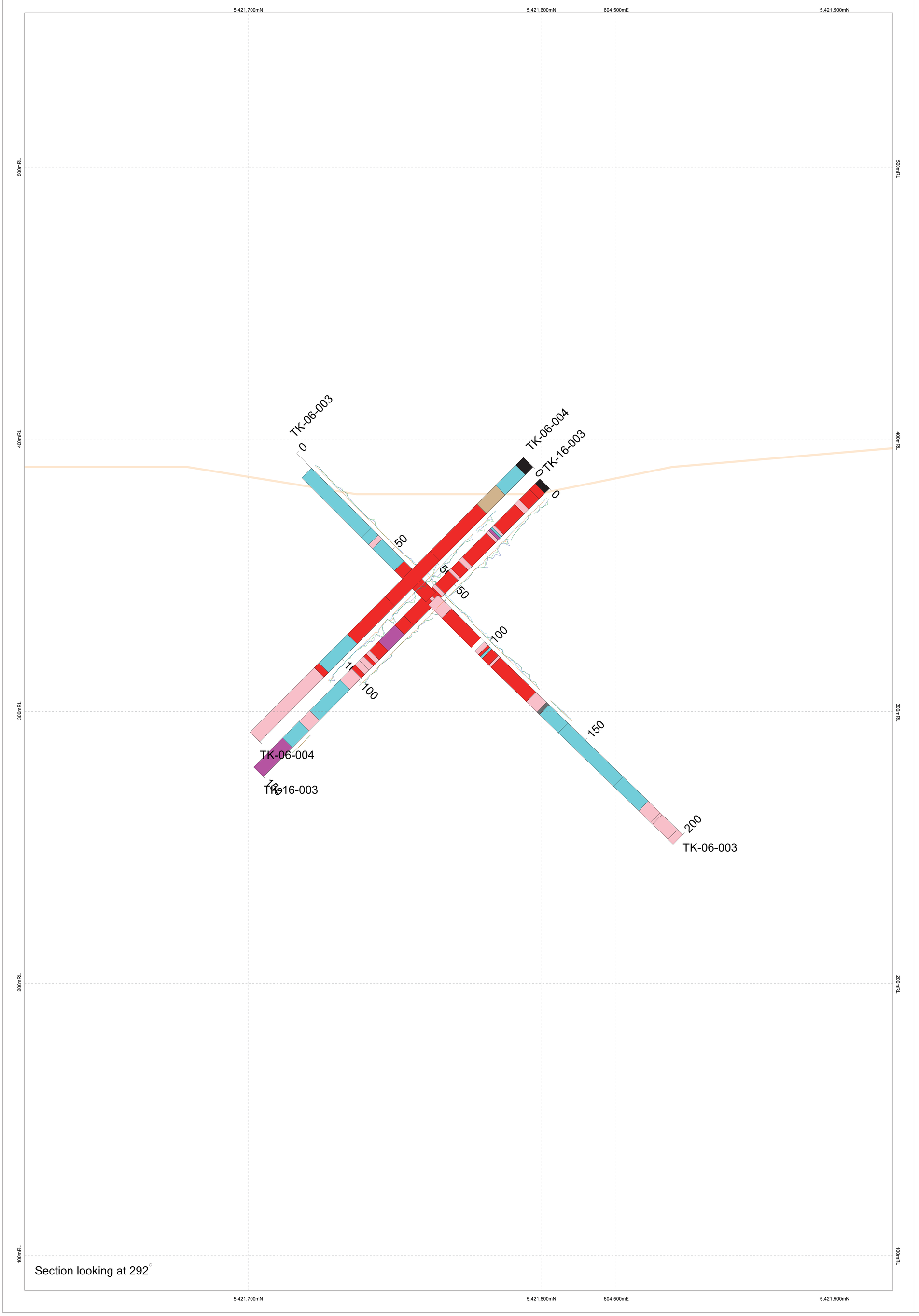
Fladgate Exploration
consulting corporation

Date: 07/07/2016	Nickel One Resources Inc. Tyko Property TK-16-002
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

4203385





Legend

Geology Legend

Phanerozoic

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- OB — Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Archean

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11 — Late Structural Zones

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- 10aax — Tonalite Breccia
- 10ab — Granodiorite
- 10ac — Granite
- 10acp — Granitic Pegmatite
- 10acx — Granite Breccia
- 10ad — Syenitic rocks

8 — Early Foliated Felsic to Intermediate Meta-Intrusions

- 8t — Tonalite
- 8tx — Tonalite Breccia

7 — Early Foliated Mafic-Ultramafic Intrusions

- 7a — Amphibolite
- 7aa — Diorite
- 7ac — Gabbro
- 7acb — Melanogabbro
- 7ax — Amphibolite Breccia
- 7bb — Pyroxenite
- 7bba — Clinopyroxenite
- 7bbb — Orthopyroxenite
- 7bbm — Mineralized Pyroxenite
- 7bc — Peridotite
- 7bx — Pyroxenite Breccia
- 7h — Hornblendite
- 7hbt — Biotite-rich Hornblendite
- 7hm — Mineralized Hornblendite
- 7hx — Hornblendite Breccia

5 — Clastic Metasedimentary Rocks

Assay Legend

Line Graph (right offset from hole)

- Ni wt% (6mm/unit, max. display width = 19mm)
- Cu wt% (6mm/unit, max. display width = 8mm)
- Pt g/t (6mm/unit, max. display width = 8mm)
- Pd g/t (6mm/unit, max. display width = 8mm)

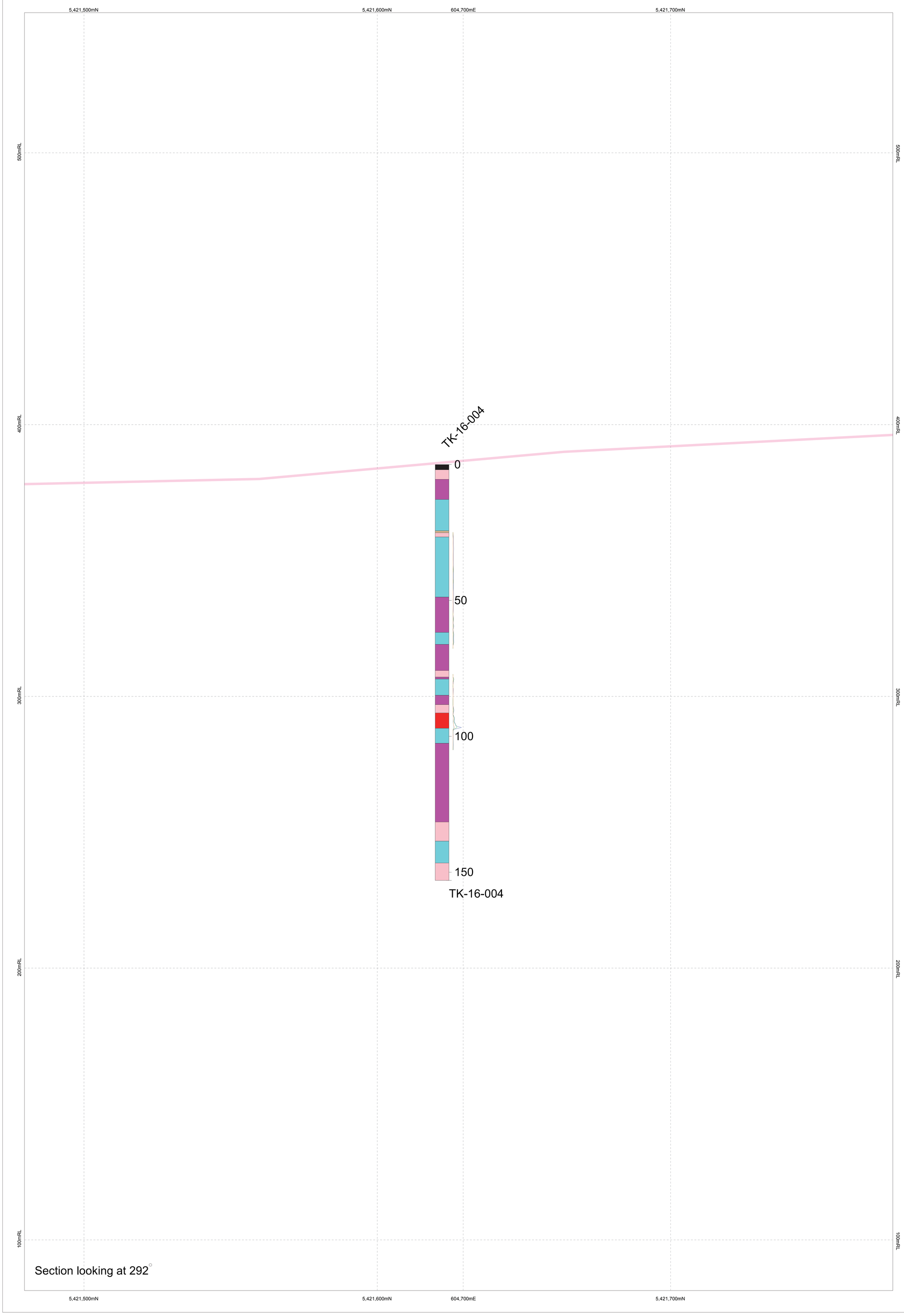
Fladgate Exploration
consulting corporation

Date: 08/07/2016	Nickel One Resources Inc. Tyko Property TK-16-003
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

4203385

TK-16-004 (vertical)



Legend

Geology Legend

Phanerozoic

Quaternary

OVB — Overburden

- OB — Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Archean

13 — Late Mafic Dyke

11 — Late Structural Zones

- 11f — Shear zone
- 11s — Fault zone

10 — Late Unfoliated Felsic to Intermediate Intrusions

- 10a — Granitic rocks
- 10aa — Tonalite rocks
- 10aax — Tonalite Breccia
- 10ab — Granodiorite
- 10ac — Granite
- 10acp — Granitic Pegmatite
- 10acx — Granite Breccia
- 10ad — Syenitic rocks

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- 8t — Tonalite
- 8tx — Tonalite Breccia

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- 7a — Amphibolite
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- 7ac — Gabbro
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- 7bb — Pyroxenite
- 7bba — Clinopyroxenite
- 7bbb — Orthopyroxenite
- 7bbm — Mineralized Pyroxenite
- 7bc — Peridotite
- 7bx — Pyroxenite Breccia
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5 — Clastic Metasedimentary Rocks

Assay Legend

Line Graph (right offset from hole)

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- Pt g/t (6mm/unit, max. display width = 8mm)
- Pd g/t (6mm/unit, max. display width = 8mm)

Fladgate Exploration consulting corporation

	Nickel One Resources Inc. Tyko Property TK-16-004
Date: 08/07/2016	
Author: L. Weston	
Office:	
Drawing:	
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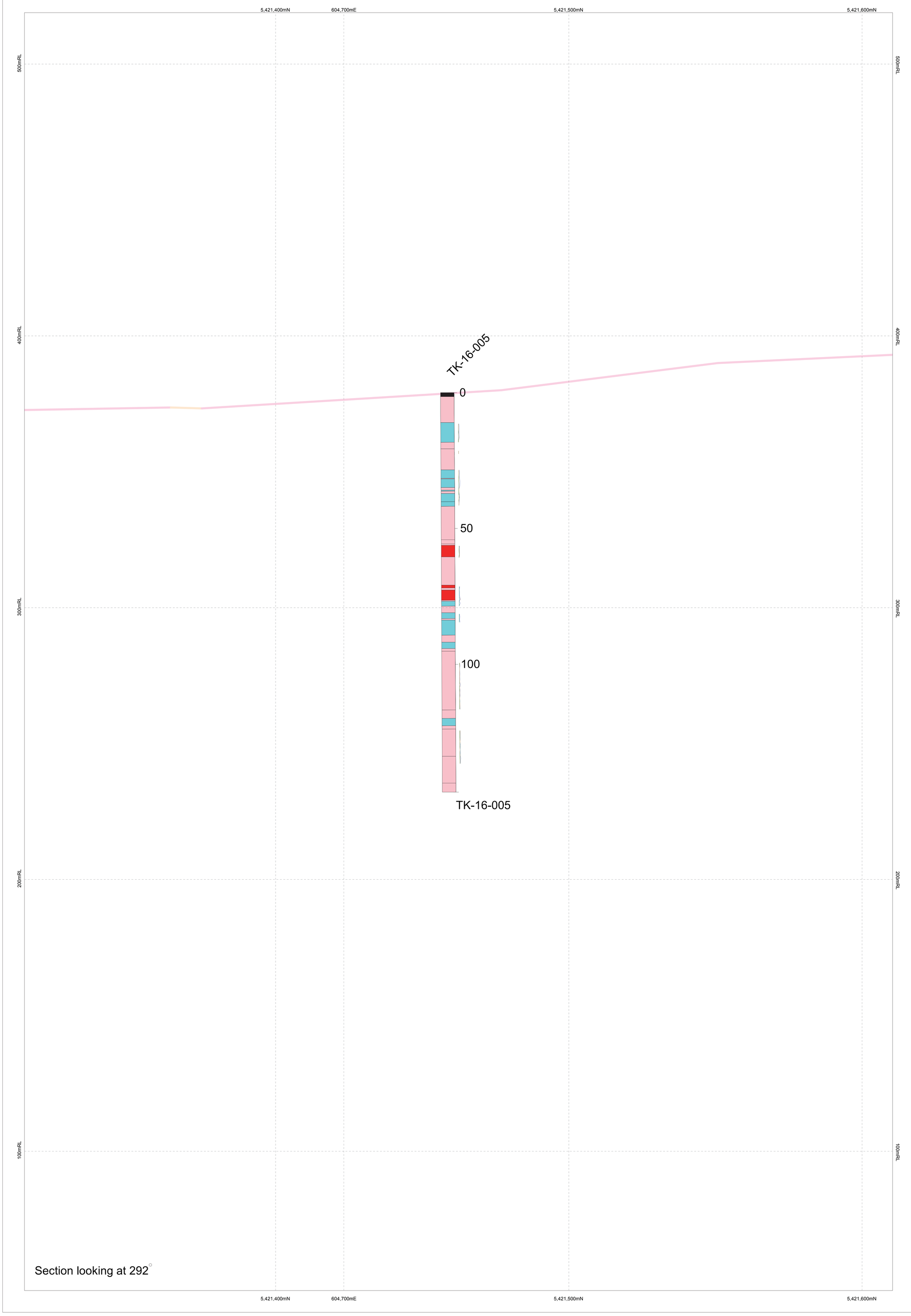
4203385

TK-16-005 (vertical)



Legend

Geology Legend

Phanerozoic

Quaternary

OVB	Overburden	
	OB	Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Archean

13	Late Mafic Dyke	
11	Late Structural Zones	
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	11s	Fault zone
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	10aa	Tonalite rocks
	10aax	Tonalite Breccia
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	7h	Hornblendite
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	7hx	Hornblendite Breccia
5	Clastic Metasedimentary Rocks	

Assay Legend

Line Graph (right offset from hole)

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- Pt g/t (6mm/unit, max. display width = 8mm)
- Pd g/t (6mm/unit, max. display width = 8mm)

Fladgate Exploration consulting corporation

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Date: 08/07/2016	
Author: L. Weston	
Office:	
Drawing:	
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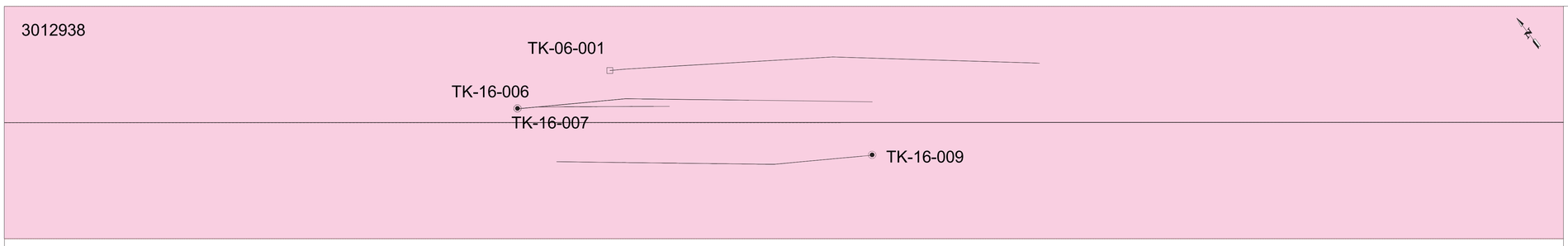
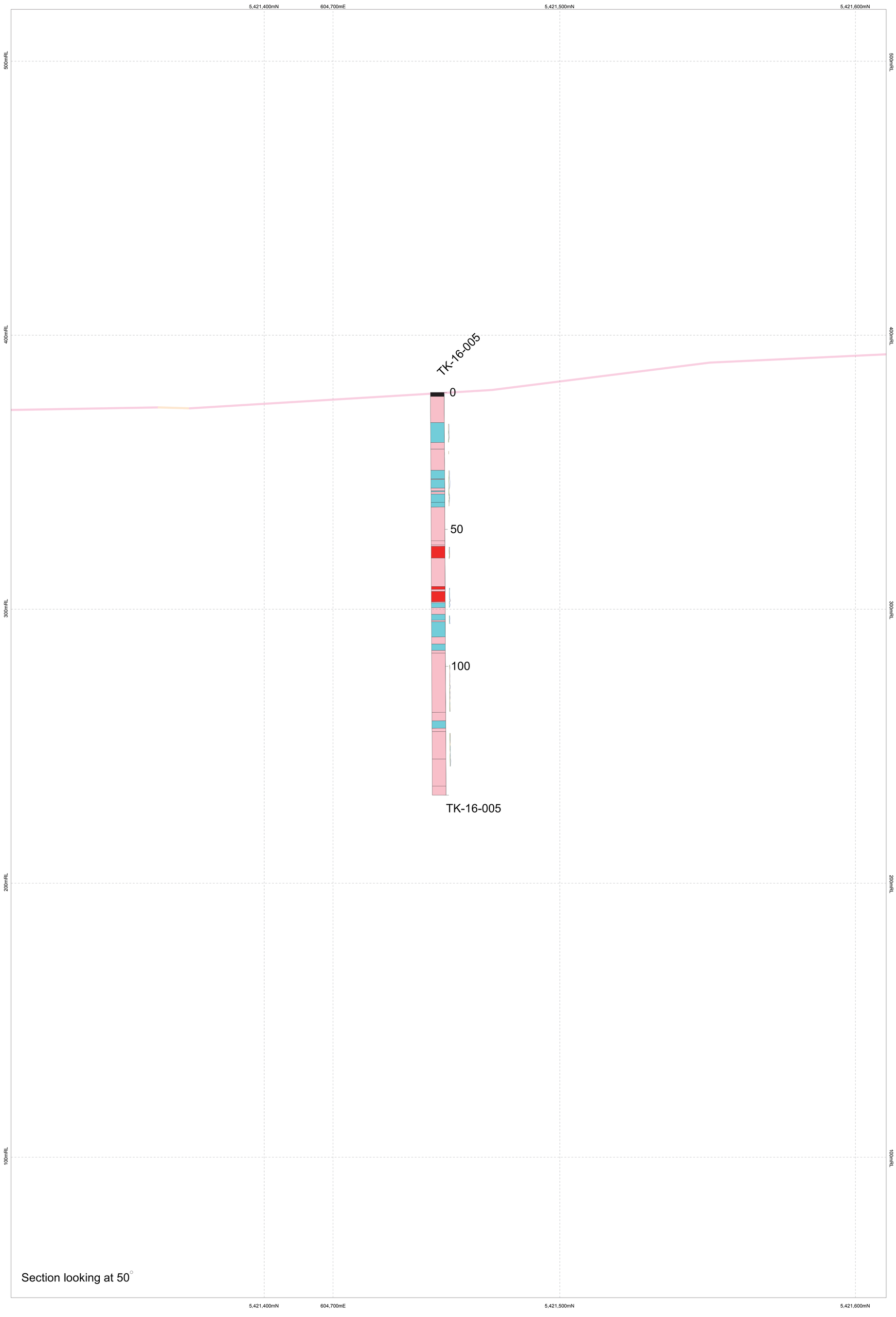
3012938





Legend

Geology Legend

Phanerozoic

Quaternary

OVB	Overburden	
	OB	Glacial, glaciofluvial, and lacustrine deposits

Precambrian

Archean

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	10aax	Tonalite Breccia
	10ab	Granodiorite
	10ac	Granite
	10acp	Granitic Pegmatite
	10acx	Granite Breccia
	10ad	Syenitic rocks
8	Early Foliated Felsic to Intermediate Meta-Intrusions	
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	7ax	Amphibolite Breccia
	7bb	Pyroxenite
	7bba	Clinopyroxenite
	7bbb	Orthopyroxenite
	7bbm	Mineralized Pyroxenite
	7bc	Peridotite
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5	Clastic Metasedimentary Rocks	

Assay Legend

Line Graph (right offset from hole)

- Ni wt% (6mm/unit, max. display width = 19mm)
- Cu wt% (6mm/unit, max. display width = 8mm)
- Pt g/t (6mm/unit, max. display width = 8mm)
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Fladgate Exploration
consulting corporation

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Date: 08/07/2016	
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

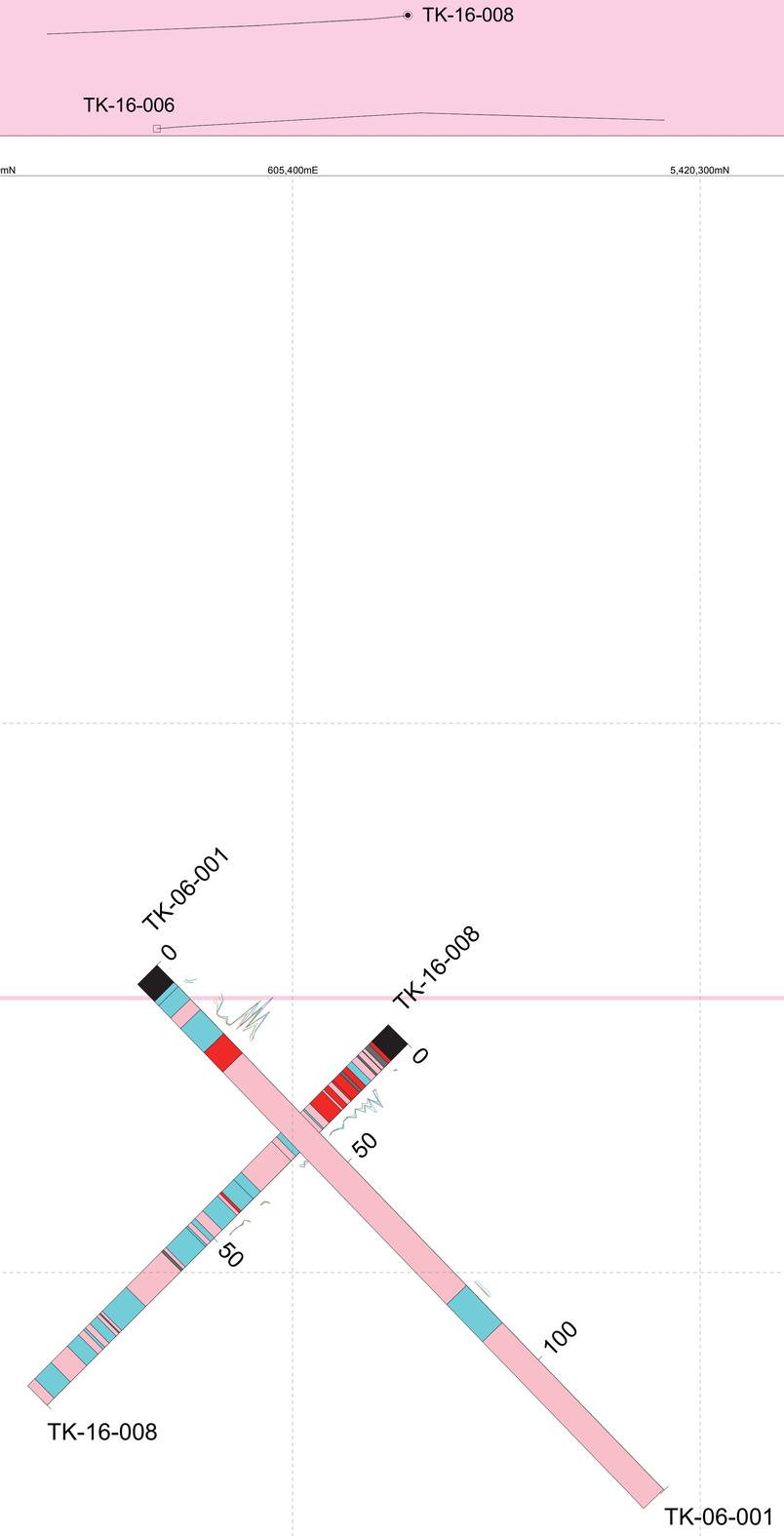
3012938

TK-16-008

TK-16-006

5,420,400mN | 605,400mE | 5,420,300mN | 605,500mE

400mRL | 300mRL | 200mRL | 100mRL



Section looking at 50°

Legend

Geology Legend

Phanerozoic

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5 — Clastic Metasedimentary Rocks

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- Pt g/t (6mm/unit, max. display width = 8mm)
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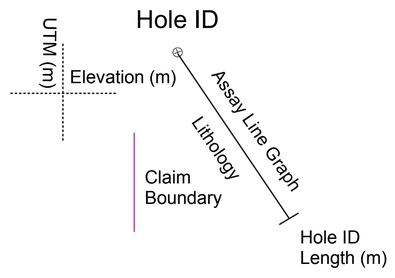

Fladgate Exploration consulting corporation

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Date: 08/07/2016	
Author: L. Weston	
Office:	
Drawing:	
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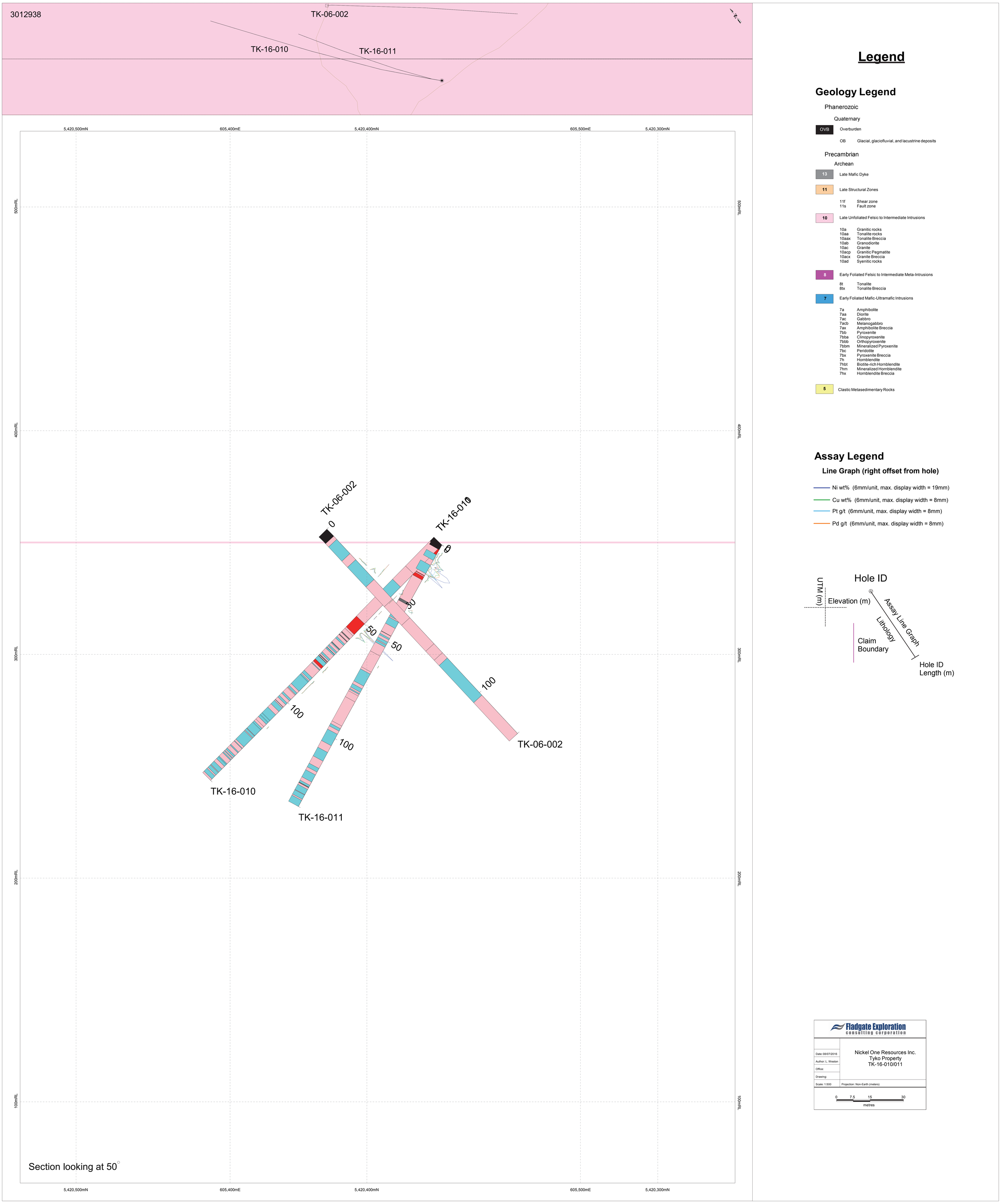

Legend

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5 — Clastic Metasedimentary Rocks

Assay Legend

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Fladgate Exploration consulting corporation

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Date: 08/07/2016	
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

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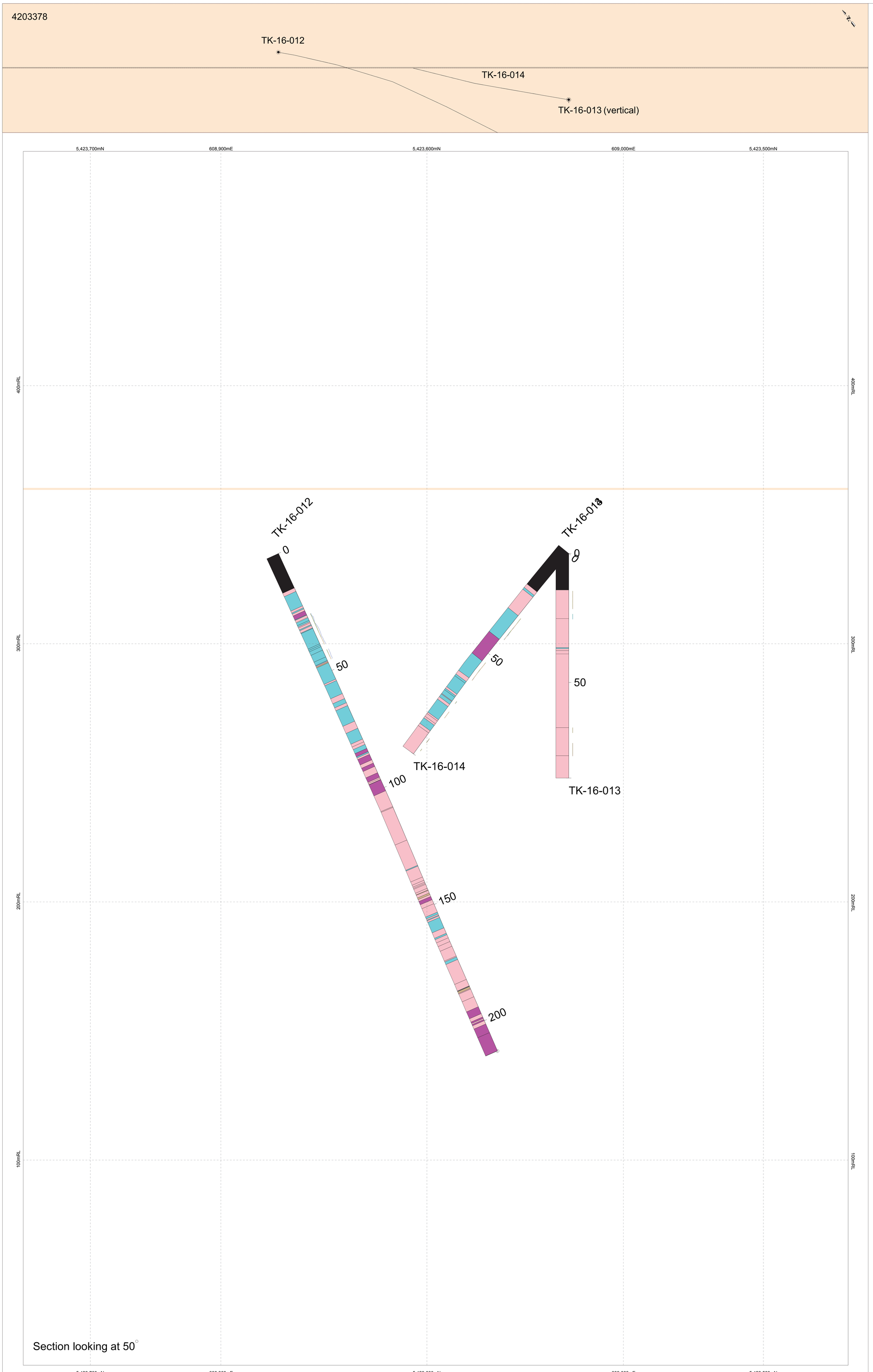
metres

4203378



Legend

Geology Legend

Phanerozoic

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Fladgate Exploration consulting corporation

Date: 08/07/2016	Nickel One Resources Inc. Tyko Property TK-16-012/013/014
Author: L. Weston	
Office:	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 7.5 15 30
metres

Appendix V – Work Associated Dates and Costs

Work Performed			
Date From	**Date To**	**Description**	**Cost**
27-Feb-16	11-Jul-16	Geologist Fees	$ 46,450
06-Mar-16	13-Apr-16	Geotechnician Fees	$ 21,250
06-Mar-16	13-Apr-16	Drilling costs	$ 240,921
Travel			
Date From	**Date To**	**Description**	**Cost**
06-Mar-16	13-Apr-16	Geologist Truck Rental	$ 10,615.00
06-Mar-16	13-Apr-16	Truck Fuel	$ 1,810.79
06-Mar-16	13-Apr-16	Accomodation and meals	$ 8,959.26
06-Mar-16	13-Apr-16	Food	$ 249.52
Supplies			
Date From	**Date To**	**Description**	**Cost**
		Field Supplies	$ 6,530.77
		Field Equipment (radios, saws, mag susc)	$ 1,350.00
		Core racks	$ 1,650.00
Other			
Date From	**Date To**	**Description**	**Cost**
06-Mar-16	13-Apr-16	Helicopter	$ 74,536.08
13-Apr-16	06-Jun-16	Assays and associated costs	$ 17,971.45
06-Mar-16	13-Apr-16	Drill Fuel	$ 10,753.08

Field Schedule

Date From	Date To	Personnel	Position
06-Mar-16	13-Apr-16	Jesse Koroscil	Geologist
06-Mar-16	13-Apr-16	Stephen Greiner	Geotechnician
06-Mar-16	13-Apr-16	Chibougamou	Drillers
27-Mar-16	13-Apr-16	John Fingas	Senior Geologist
11-Mar-16	25-Mar-16	Neil Pettigrew	Senior Geologist
14-Mar-16	13-Apr-16	Richard Brett	Geotechnician

Office Schedule

Date From	Date To	Neil Pettigrew Senior Geologist	John Fingas Geologist	Lesley Weston Geologist
26-Feb-16	05-Mar-16	Drill program planning	Drill program planning	
13-Apr-16	08-Jul-16	Report writing QA/QC		
15-Jun-16	08-Jul-16			Maps and Sections