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Assessment Work Report
on a Drilling Program Performed in Summer 2015
on Triumph Property

in Crump Lake Area, Bloch Lake Area, Calamity Lake Area, McIntyre Lake Area

Thunder Bay Mining Division, Ontario

China Metallurgical Exploration Corp. (“CME”)

(145 Riviera Drive, Unit 7, Markham,
Ontario L3R 5J6, Canada)

Guosheng (Tim) Han
October 5, 2015

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1. Introduction

This report describes a helicopter-supported drilling program performed on CME's Triumph Property (formerly known as Area 2 of CME's Field Goal Property) in June and July 2015. The drilling work was contracted to Orbit Garant Drilling Services Inc., with helicopter support from WiskAir and base in Eabametoong (also called Fort Hope) First Nation community.

The majority of the claims of the Property were staked in June 2011. After an airborne survey performed in winter 2012 and spring 2013 over the area, some claims were dropped and a few more were staked respectively in May 2013 and April 2014. In November 2014, the dispute over 8 claims in the Crump Lake area was ruled in favor of CME. As of September 2015, the Property consists of 41 contiguous unpatented claims (Table 1), with a total area of approximately 86 km². For the structure of the current claims, please refer to **Appendix 1**.

Table 1: Claim List

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
CRUMP LAKE AREA	4264958	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$3,693	\$0
CRUMP LAKE AREA	4264966	2011-Jun-13	2020-Oct-05	A	100%	\$4,163	\$47,037	\$0	\$0
CRUMP LAKE AREA	4264967	2011-Jun-13	2021-Oct-05	A	100%	\$6,400	\$51,200	\$2,908	\$0
CRUMP LAKE AREA	4264968	2011-Jun-13	2021-Oct-05	A	100%	\$6,400	\$51,200	\$3,693	\$0
CRUMP LAKE AREA	4264969	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$3,693	\$0
CRUMP LAKE AREA	4264977	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$3,693	\$0
CRUMP LAKE AREA	4264978	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$3,693	\$0
CRUMP LAKE AREA	4264983	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$0	\$0
CRUMP LAKE AREA	4264984	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$0	\$0
BLOCH LAKE AREA	4264988	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$0	\$0
CALAMITY LAKE AREA	4264990	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$0	\$0
CALAMITY LAKE AREA	4264992	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$0	\$0
CRUMP LAKE AREA	4265127	2011-Jun-13	2018-Jul-19	A	100%	\$3,792	\$11,808	\$0	\$0
CRUMP LAKE AREA	4265128	2011-Jun-13	2016-Jul-19	A	100%	\$1,600	\$0	\$0	\$0
CRUMP LAKE AREA	4265129	2011-Jun-13	2016-Jul-19	A	100%	\$2,800	\$0	\$0	\$0
CRUMP LAKE AREA	4265130	2011-Jun-13	2016-Jul-19	A	100%	\$6,400	\$0	\$0	\$0
CRUMP LAKE AREA	4265135	2011-Jun-13	2016-Jul-19	A	100%	\$6,400	\$0	\$0	\$0
CRUMP LAKE AREA	4265136	2011-Jun-13	2016-Jul-19	A	100%	\$6,400	\$0	\$0	\$0
CRUMP LAKE AREA	4265137	2011-Jun-13	2016-Jul-19	A	100%	\$6,400	\$0	\$0	\$0
CRUMP LAKE AREA	4265138	2011-Jun-13	2016-Jul-19	A	100%	\$6,400	\$0	\$0	\$0
CRUMP LAKE AREA	4265142	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$0	\$0
CRUMP LAKE AREA	4265149	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$0	\$0
MCINTYRE LAKE AREA	4266236	2011-Jun-13	2017-Oct-05	A	100%	\$6,400	\$25,600	\$0	\$0
CALAMITY LAKE AREA	4266252	2011-Jun-13	2015-Oct-05	A	100%	\$6,000	\$12,000	\$3,005	\$0
CALAMITY LAKE AREA	4266253	2011-Jun-13	2015-Oct-05	A	100%	\$4,000	\$8,000	\$2,307	\$0
CALAMITY LAKE AREA	4266254	2011-Jun-13	2015-Oct-05	A	100%	\$592	\$13,808	\$2,769	\$0
CALAMITY LAKE AREA	4266255	2011-Jun-13	2017-Oct-05	A	100%	\$6,400	\$25,600	\$3,693	\$0
CALAMITY LAKE AREA	4266258	2011-Jun-13	2015-Oct-05	A	100%	\$2,800	\$5,600	\$1,615	\$0
CALAMITY LAKE AREA	4266261	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$3,693	\$0
CALAMITY LAKE AREA	4266265	2011-Jun-13	2015-Oct-05	A	100%	\$1,600	\$3,200	\$923	\$0
CALAMITY LAKE AREA	4266266	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$3,693	\$0
CALAMITY LAKE AREA	4266271	2011-Jun-13	2015-Oct-05	A	100%	\$1,600	\$3,200	\$923	\$0
MCINTYRE LAKE AREA	4266273	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$3,693	\$0
CALAMITY LAKE AREA	4266276	2011-Jun-13	2015-Oct-05	A	100%	\$4,000	\$8,000	\$2,307	\$0
MCINTYRE LAKE AREA	4266278	2011-Jun-13	2015-Oct-05	A	100%	\$3,200	\$6,400	\$0	\$0
MCINTYRE LAKE AREA	4266279	2011-Jun-13	2015-Oct-05	A	100%	\$6,400	\$12,800	\$71,798	\$0
CALAMITY LAKE AREA	4274245	2014-Apr-15	2016-Aug-07	A	100%	\$1,600	\$0	\$0	\$0
CALAMITY LAKE AREA	4274626	2014-Apr-15	2016-Aug-07	A	100%	\$1,600	\$0	\$0	\$0
CALAMITY LAKE AREA	4274627	2014-Apr-15	2016-Aug-07	A	100%	\$1,600	\$0	\$0	\$0
CALAMITY LAKE AREA	4276914	2013-May-14	2016-Sep-05	A	100%	\$6,400	\$6,400	\$49,200	\$0
CALAMITY LAKE AREA	4276915	2013-May-14	2016-Sep-05	A	100%	\$6,400	\$6,400	\$3,806	\$0

Location and Access: the Property is located approximate 380km northeast of Thunder Bay and 20km east of Eabametoong (also called Fort Hope) First Nation community (Figure 1 and 2). The Property is only accessible via helicopter.

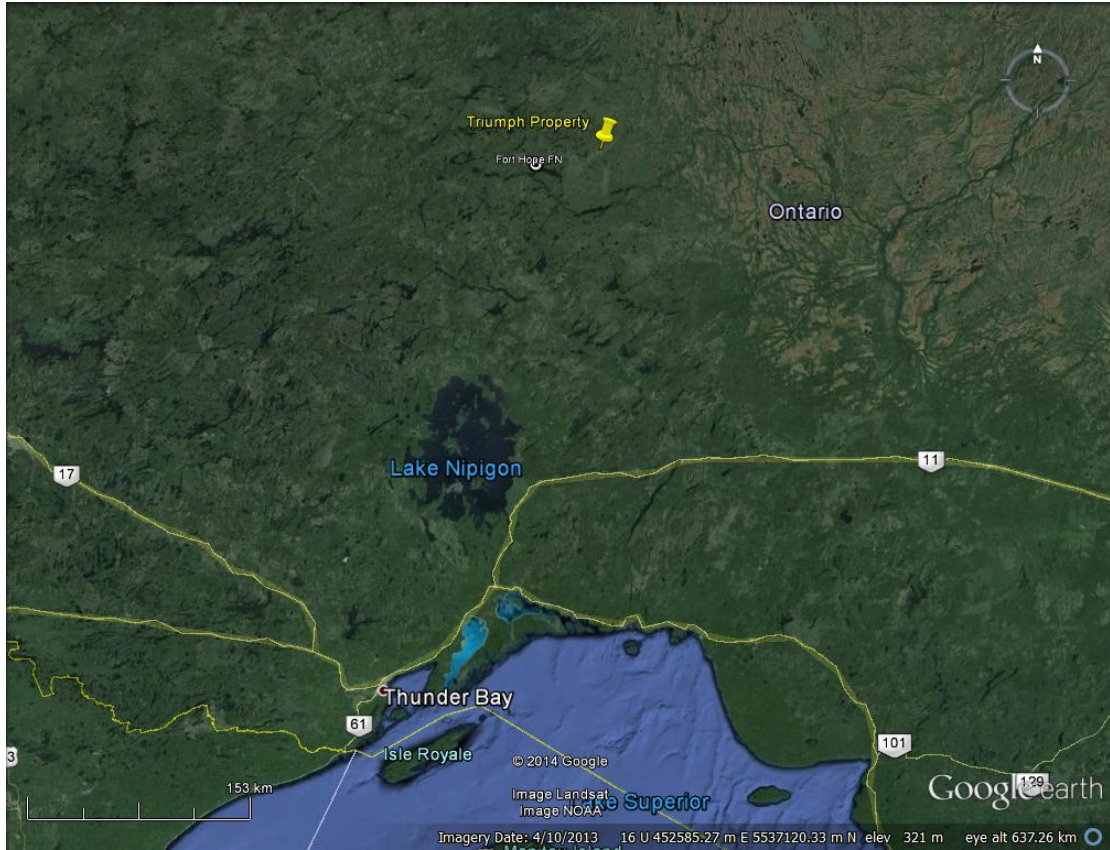


Figure 1: Property Location Map

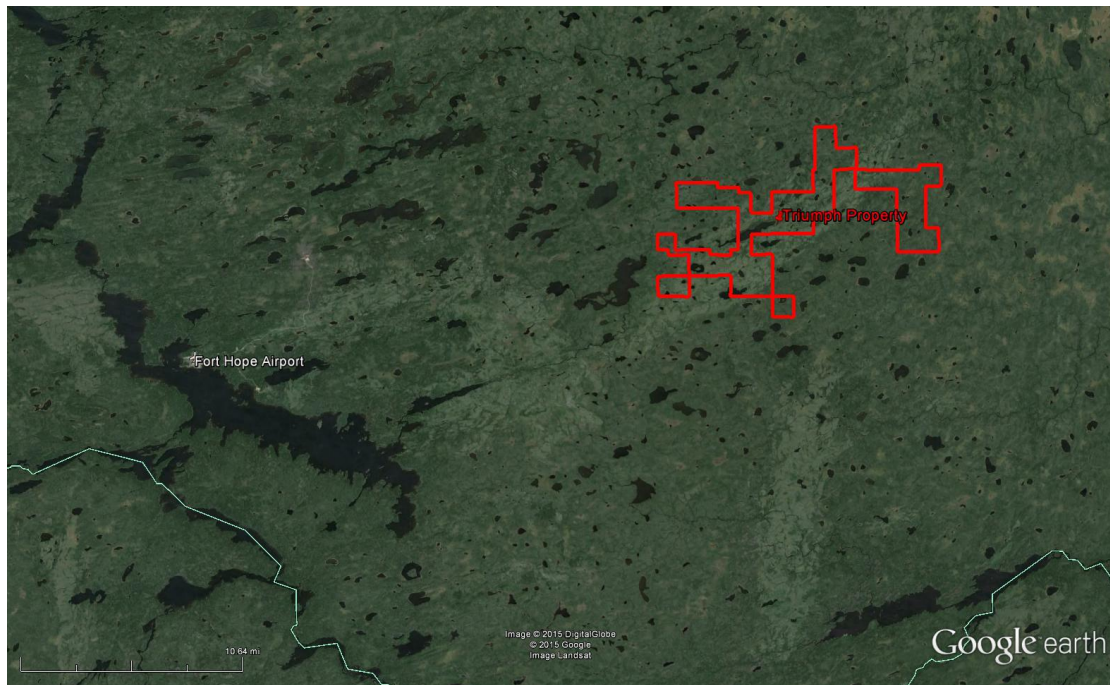


Figure 2: Local Location Map

2. History

2.1 Government Geoscience Programs

- In summer 1941, Prest, an Ontario Department of Mines geologist conducted geological exploration of the eastern extension of the Fort Hope belt to trace the McinTyre Lake volcanic belt. Prest noted the scarcity of bedrock exposure and prevalence of drift and swamp cover.
- Government aeromagnetic maps of the region were published in 1960 (Geological Survey of Canada and Ontario Department of Mines, 1960).
- During the summer of 1961 the Geological Survey of Canada conducted geological mapping of NTS map sheet 42M (Fort Hope) at a scale of one inch = four miles.
- The area was included in Ontario Department of Mines' helicopter-supported geological mapping project "Operation Fort Hope" in.
- A helicopter supported regional lake sediment geochemical survey of the Fort Hope area was completed in 2000 as part of the Operation Treasure Hunt (OTH) program (Ontario Geological Survey, 2001). The eastern portion of the survey area covered the Triumph property.
- In 2001, the Ontario Geological Survey (OGS) conducted a fixed-wing airborne magnetic survey at 250 m line spacing / 100 m terrain clearance in the Fort Hope area as part of the Operation Treasure Hunt (OTH) program. The results were released under Geophysical Data Set 1109 (Ontario Geological Survey, 2003).
- The area lies within the Ontario Geological Survey's Far North Geological Mapping Initiative (FNGMI). This program, initiated in 2007, provides a compilation of geological and mineral occurrence information located between latitudes 51° and 52°N and longitudes 86° and 92°W, which are covered by the National Topographic System (NTS) 1:250,000 scale map sheets 52O, 52P and 42M (42M covering the Triumph property area).

2.2 Historic Mineral Exploration Programs

Historic mineral exploration in Project area has been extremely limited, in large part due to the absence of outcrop.

Within the current boundaries of the Triumph Property, the only publicly available public record of mineral exploration is Hanna Mining. Between 1977 and 1979, Hanna Mining flew an electromagnetic survey that covered much of the Triumph Property, followed up with ground geophysics and drilled 8 holes (1979) to test airborne EM conductors coincident with long, linear magnetic highs. Only one of the holes, G79-1 (AFRI #: 42M11NE0001) was completed within claim CME's current claim 4264983. The rest were drilled in the immediate vicinity of the Property. All holes intersected relatively thin intervals of massive iron sulphides (pyrite and pyrrhotite) hosted by metavolcanic rocks. The sulphides were interpreted to be the cause of the EM anomalies. Hanna's geologic reports note that "Mapping was hindered by virtual non-existent outcrop exposure in the project area. The boundaries of the greenstone belt were delineated using government airborne magnetometer surveys."

3. Geological Background and Mineralization

Hanna Mining (1978) reported that no outcrop was seen on claims in the vicinity of the Triumph Property area. Majority of the Property is covered by spruce swamp. Well rounded boulders up to 2 m in size are scattered across the Property. Small knobs, up to 2 metres high, of fine grained sand mixed with boulders, are dispersed in a few locations on the Property. The Property area is underlain predominantly by St Joseph assemblage mafic to intermediate metavolcanic rocks comprising: basaltic to andesitic flows, tuff and breccia; chert, iron formation, minor metasedimentary and intrusive rocks; layered amphibolite; coarse-grained flows and/or intrusions; and related migmatite (**Appendix 2**). Diamond drilling by Lelievre in 1961 (in the Goff Lake area, the related claim was dropped by CME after the airborne survey in 2012/2013) and Hanna Mining in 1979 within and adjacent the property area confirmed the presence of mafic to intermediate metavolcanics with intercalated sulphide and oxide iron formation with local accumulations of wackes, felsic metavolcanics and gabbro.

Based on trends of geophysically inferred iron formation the rocks generally strike northeast-southwest except in the southwest part of the property where they trend southeast-northwest as the metavolcanics wrap around the interpreted granite pluton underlying the southeast portion of the property. Top directions are not noted in the area but regionally, on strike to the west, the rocks top to the north. One larger lenticular body of felsic metavolcanics is mapped in the north-central part of the property. The mafic to intermediate volcanics are flanked to the north by massive to

foliated tonalite/granodiorite. A smaller mafic to ultramafic body underlies third party claims in the northwest corner of the Triumph Property area (**Appendix 2**).

4. Previous Work Performed by CME

4.1 2012-2013 Airborne Survey

From December 2012 to February 2014, CME contracted Geotech Inc. (“Geotech”) of Aurora, Ontario to carry out a heli-borne Versatile Time Domain Electromagnetic (“VTEM_{plus}”) and magnetic gradient survey over what was then called “Field Goal” Property. The current Triumph Property is the area 2 of the previous Field Goal Property. A total area of 186 km² and a line-km of 1415.60 was flown over the Triumph Property with 150m line spacing.

The survey successfully identified a number of magnetic and EM anomalous bodies (**Figure 3**).

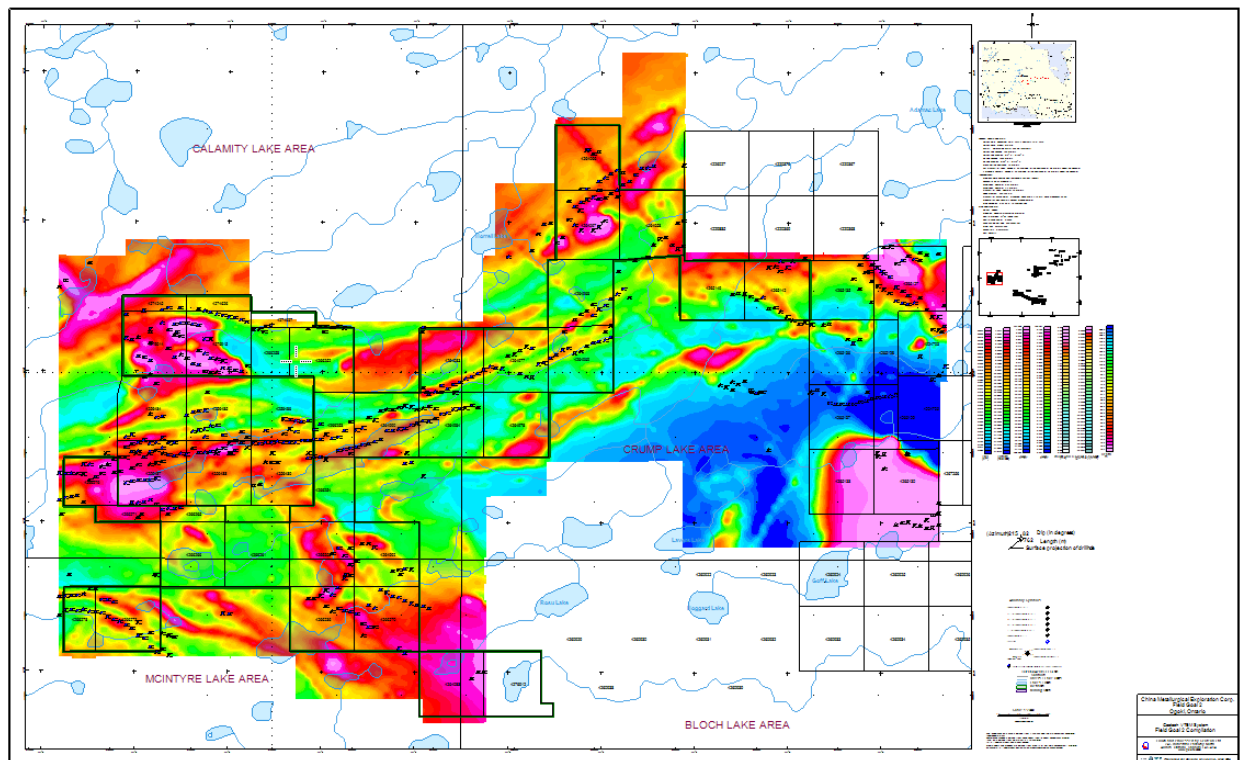


Figure 3: Airborne EM and TMI Map

4.2 2013 MMI Orientation Survey

In summer 2013, CME conducted a Mobile Metal Ions (“MMI”) orientation survey in claim 4276914 and 4276915 in the NW corner of Triumph Property. 4 samples from each of the 17 sites were collected over what is called FG2-2 anomaly set from the airborne survey (**Figure 4**).

The orientation survey added valuable geochemical knowledge to the geophysical characteristics of these sites and determined the optimum sampling depth to be 10cm and 20cm below the zero datum or the point at which soil formation is initiated.

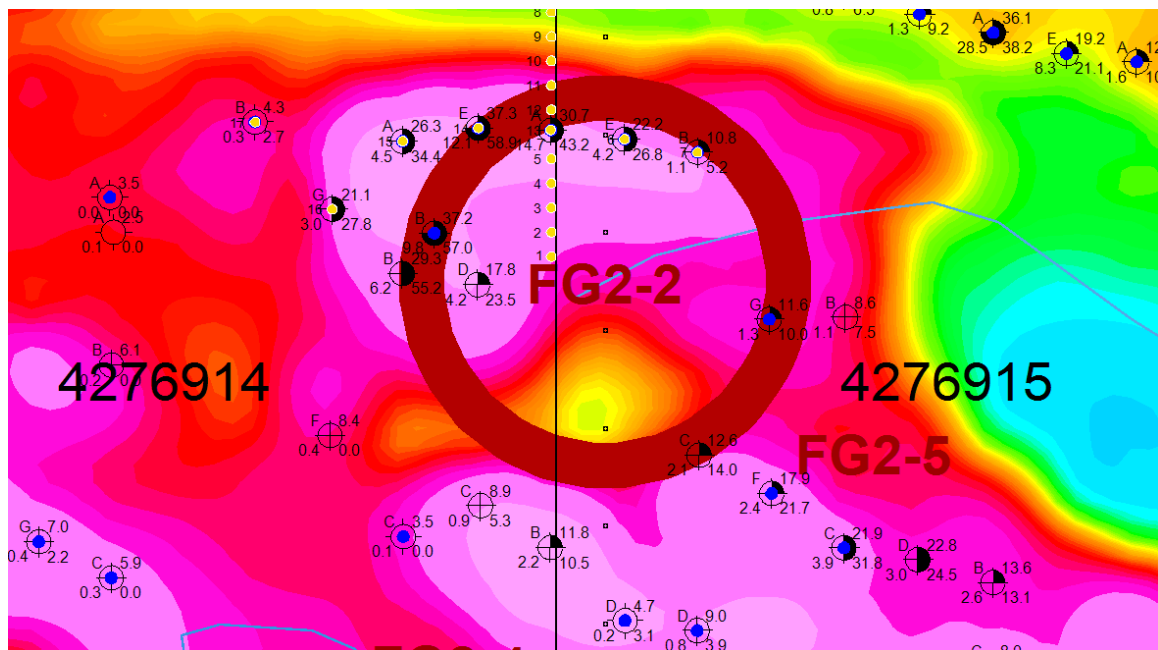


Figure 4: MMI Orientation Sites

4.3 2014 Drilling Program

In order to better understand the geology in the area and test the airborne anomaly targets, 2 diamond holes were drilled on the Property during the first 2 weeks of April 2014.

The first hole, TR14-01, was to test anomaly FG2-34 in claim 4266236 (**Figure 5**); the second hole, TR14-02, was to test anomaly FG2-2 in claim 4276914 (**Figure 6**).

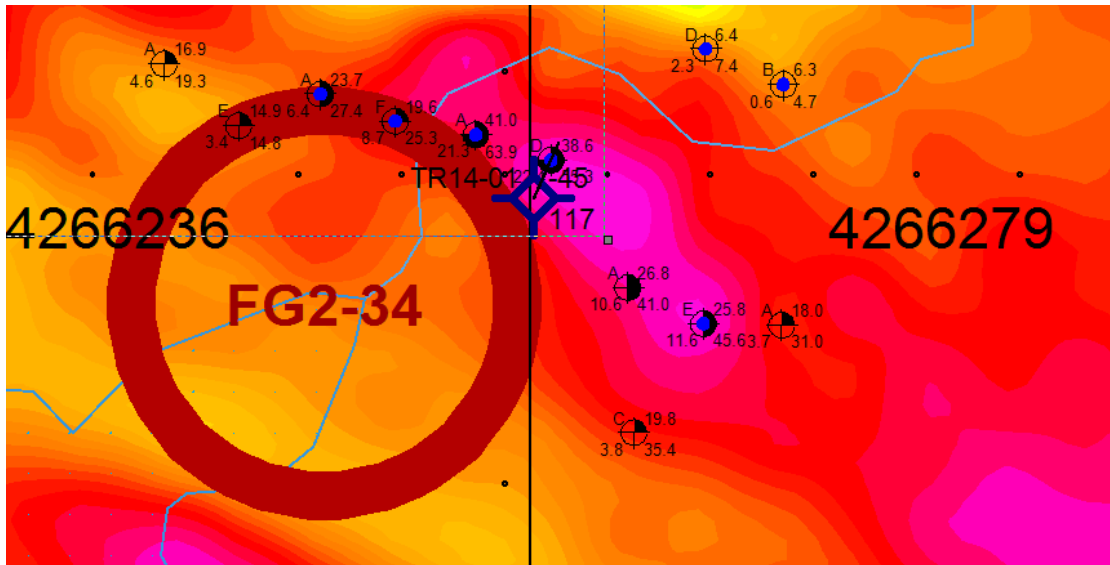


Figure 5: Drill Hole Location Map TR14-01

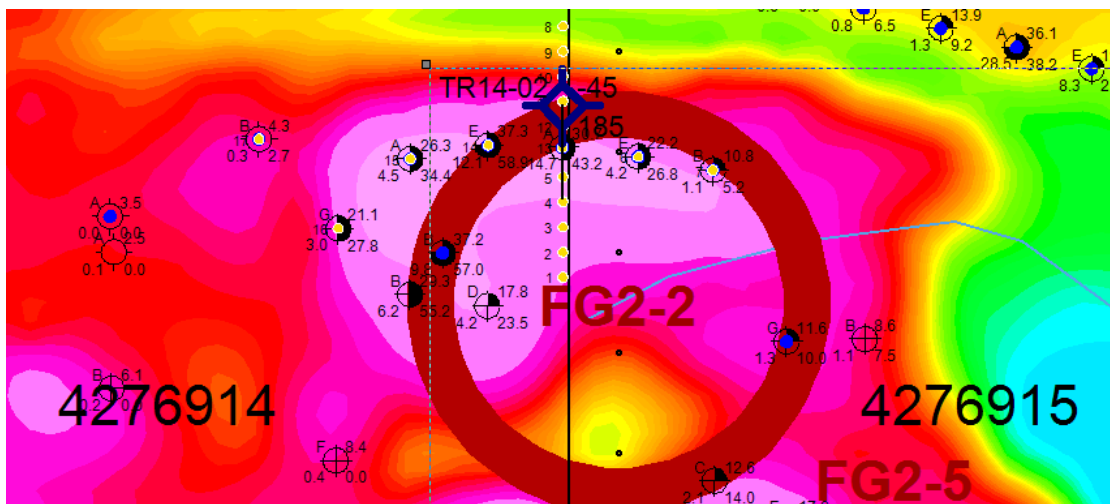


Figure 6: Drill Hole Location Map TR14-02

The 2 drill holes were successful in intersecting the possible source of anomaly. The graphitic Argillite in TR14-01 and the iron formation in TR14-02 are interpreted to be the possible anomaly source.

71 core samples were taken from both holes and assay results contain minimum mineral values.

5. Drilling Program in June/July 2015

To further test the geophysical anomaly set FG2-2, 2 more holes were drilled in claim 4276914 in June and July 2015. The anomaly target was 2013 Geotech Anomaly L4260D and T4830B (**Figure 7**).

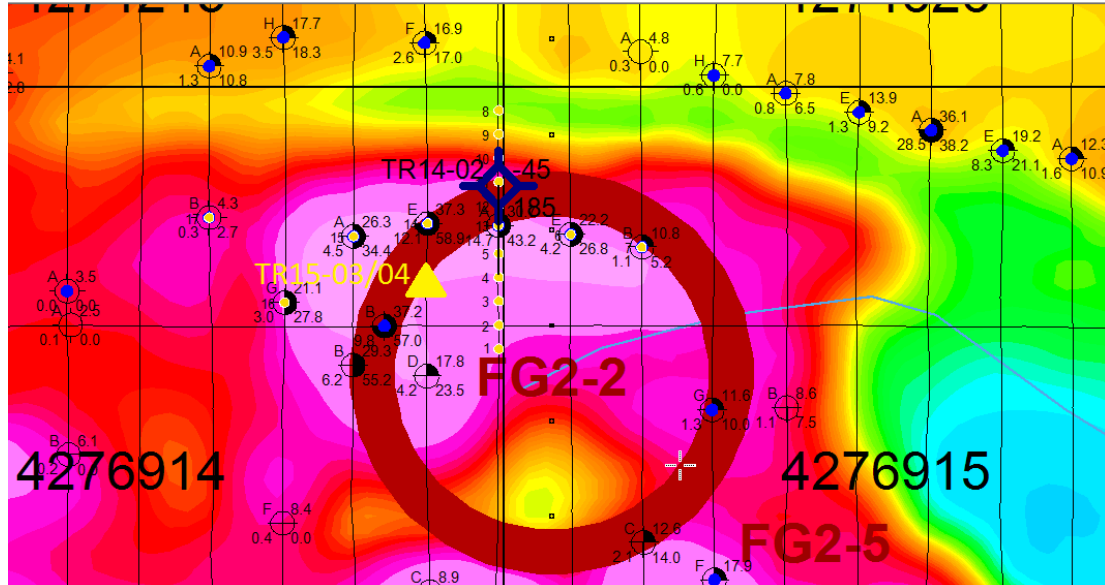


Figure 7: Drill Hole Location Map TR15-03 and TR15-04

Collar Information is provided in **Table 2** below.

Table 2: DDH Collar Information

16U					
DDH	UTM_X	UTM_Y	AZ	DIP	LENGTH
TR15-03	475745	5725047	180	-45	276
TR15-04	475742	5725049	240	-45	225

Drilling Results

The 2 drill holes were successful in intersecting the possible source of anomaly. 2013 Geotech anomaly L4260D and T4830B are both explained by Silicate and Chert-(Magnetite) Iron Formation with Po-Py stringers. For detailed DDH information, please refer to the attached section maps and drill logs (**Appendix 3 and 5**).

52 core samples were taken from DDH TR15-03 and 34 were taken from DDH TR15-04. The assay results returned non-economic mineral values (**Appendix 4**).

Certificate of Qualification

I, Guansheng (Tim) Han, of the city of Beijing, China, do hereby certify that:

1. I serve as junior geologist at Zhengyuan International Mining Company LTD., which is located at :

105 Yaojiayuan Road, Chaoyang District,
Beijing P.R.China. 100025.

2. I graduated from China University of Geosciences with B. S in Geophysics in 2008 and a master's degree in Geophysical Prospecting & Information Technology in 2011.
3. I have been working as junior geologist for 2 years since my graduation from university in the field of geological research and exploration in China and Canada.
4. The information contained in this report and accompanying maps is based on personal observations and direct supervision of the field work; and, I have no direct interest in the claims mentioned in this report.

Dated this 5st day of October, 2015

475000E

480000E

485000E

490000E

495000E

500000E

573000N

573000N

Appendix 1 Claim Map

Triumph Property

China Metallurgical Exploration Corp.

DDH IT15-03/04

5725000N

5725000N

4274245 4274626
CALAMITY LAKE AREA
G-017

4274627

4276914 4276915

4266258 4266252

4264983 4264977

4264969

CRUMP LAKE AREA
G-024

4265149 4265142 4265135 4265127

4265136 4265130

WOWCHUK LAKE AREA
G-0464

4264261 4264262 4264263

4264266 4264267 4264268

5720000N

5720000N

4266276

4266271 4266265

4266254

4266253 4264990 4264984 4264978

4267257 4256455

4264266 4264267 4264268

5715000N

5715000N

MCINTYRE LAKE AREA
G-0324

4266278 4266273

4266266 4266261 4266255 4264992

4266236 4266279

4264988

BLOCH LAKE AREA
G-0207

4260926 4260927

4264271 4264272 4264273

4264275 4264276 4264277

4264280 4264281 4264282

4264285 4264286 4264287

G-0258

PLA-5

475000E

480000E

485000E

490000E

495000E

500000E

McIntyre Lake

Horrell Lake

Crump Lake

Lavers Lake

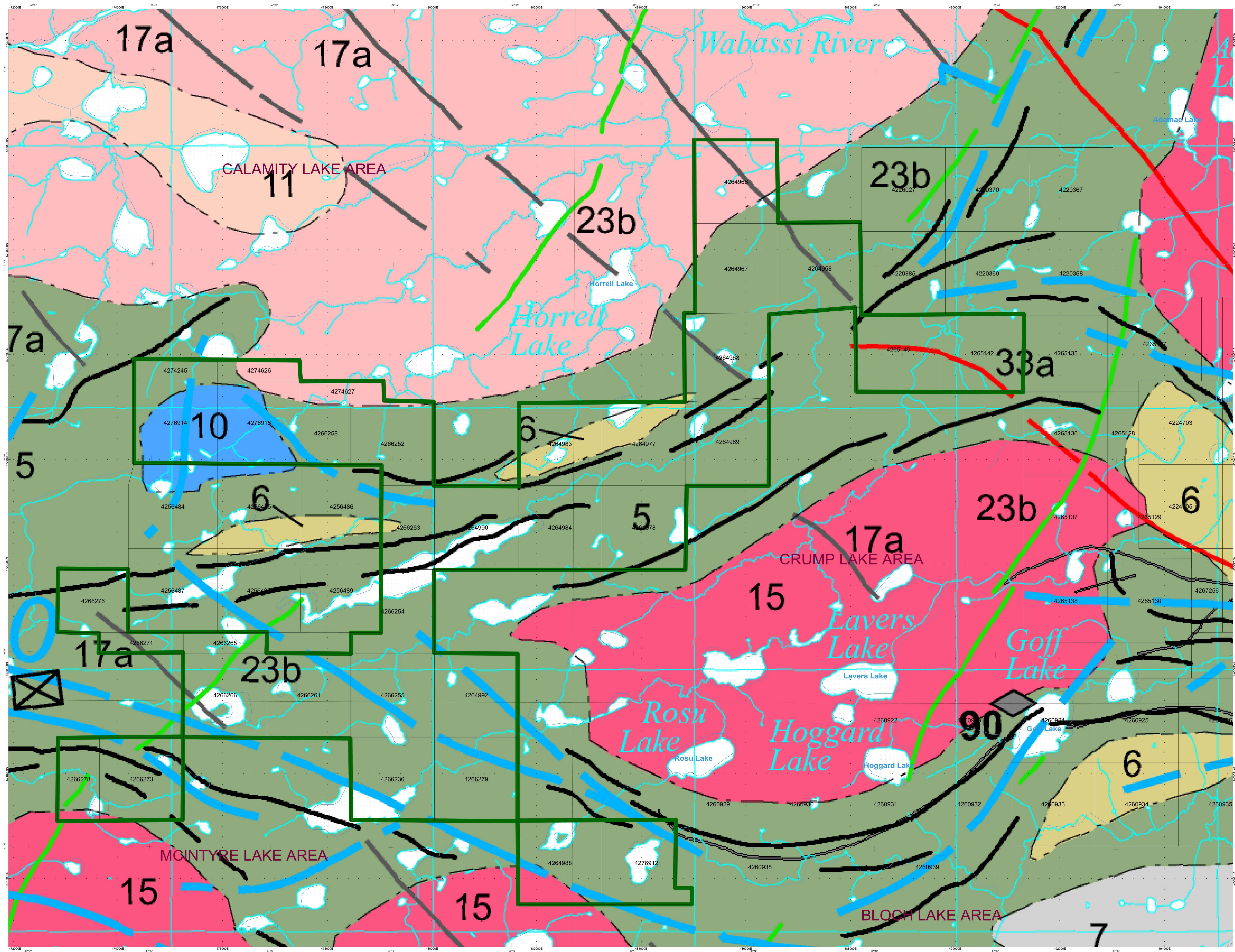
Rosu Lake

Hoggard Lake

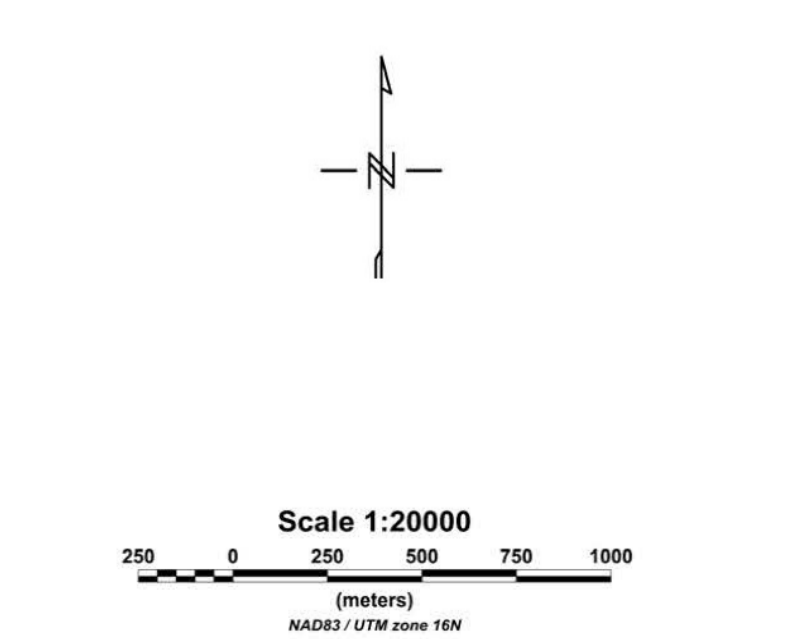
Goff Lake

Wowchuk Lake

Snedden Lake



Appendix 2 Geology Map
 Triumph Property
 China Metallurgical Exploration Corp.



The topographic data base is derived from 1:250,000 NRC (Natural Resources Canada) NTDB data (www.geomatics.ca).
 Background shading is derived from NCEA, SRTM (Shuttle Radar Topography Mission) data.
 Inset data derived from Natural Canada 1:50,000 2007 edition.
 (http://www.naturalcanada.com/contour.html)
 Minepit Claims and Geology are derived from Ministry of Northern Development, Mines and Forestry (MDF) data.
 (http://www.mdf.gov.on.ca/mines/development/claims/claims.html)

MRD 126 - Revision 1
1:250 000 Scale Bedrock Geology of Ontario

LEGEND^{ax}

In general, older bedrock units are named after younger ones. For example, unit 59e is older than unit 59d.

PHANEROZOIC^b (Present to 542.0 Ma)

MESOZOIC (65.5 Ma to 251.0 Ma)

CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)

LOWER CRETACEOUS AND MIDDLE JURASSIC

63 Kaolinitic clay, clay, sand, lignite

- 63a Mattagami Fm.; Mistuskwia Beds
- 63b Evans Strait Fm.

JURASSIC (145.5 Ma to 199.6 Ma)

- Alkalic dikes and intrusions: kimberlite and lamprophyre

PALEOZOIC (251.0 Ma to 542.0 Ma)

MISSISSIPPIAN TO DEVONIAN^c (318.1 Ma to 416.0 Ma)

61 Shale: Port Lambton Gp.

DEVONIAN (359.2 Ma to 416.0 Ma)

UPPER DEVONIAN

60 Shale

- 60a Kettle Point Fm.
- 60b Long Rapids Fm.

MIDDLE DEVONIAN

59 Limestone, dolostone, shale

- 59a Hamilton Gp.
- 59b Marcellus Fm.
- 59c Dundee Fm.
- 59d Detroit River Gp.; Onondaga Fm.
- 59e Williams Island Fm.
- 59f Murray Island Fm.
- 59g Moose River Fm.
- 59h Kwataboahagan Fm.

LOWER DEVONIAN

58 Sandstone, dolostone, limestone

- 58a Bois Blanc Fm.; Oriskany Fm.
- 58b Stooping River Fm.
- 58c Sextant Fm.

SILURIAN (416.0 Ma to 443.7 Ma)

UPPER SILURIAN

57 Limestone, dolostone, shale, sandstone, gypsum, salt

- 57a Bass Islands Fm.
- 57b Bertie Fm.
- 57c Salina Fm.
- 57d Kenogami River Fm. (Upper Silurian to Lower Devonian)

LOWER SILURIAN

56 Sandstone, shale, dolostone, siltstone

- 56a Guelph Fm. (also present in the Upper Silurian)
- 56b Lockport Fm.
- 56c Amabel Fm.

- 56d Clinton Gp.; Cataract Gp.
- 56e Thornloe Fm.; Earleton Fm.
- 56f Wabi Gp.
- 56g Attawapiskat Fm. (also present in the Upper Silurian)
- 56h Ekwon River Fm.
- 56i Severn River Fm.

ORDOVICIAN (443.7 Ma to 488.3 Ma)

UPPER ORDOVICIAN

55 Shale, limestone, dolostone, siltstone

- 55a Queenston Fm.
- 55b Georgian Bay Fm.; Blue Mountain Fm.; Billings Fm.; Collingwood Mb.; Eastview Mb.
- 55c Liskeard Gp.
- 55d Red Head Rapids Fm.
- 55e Churchill River Gp.
- 55f Bad Cache Rapids Gp.

MIDDLE ORDOVICIAN

54 Limestone, dolostone, shale, arkose, sandstone

- 54a Ottawa Gp.; Simcoe Gp.; Shadow Lake Fm. (now considered Upper Ordovician)
- 54b Chazy Gp.; Rockcliffe Fm.

LOWER ORDOVICIAN

53 Dolostone, sandstone: Beekmantown Gp.

CAMBRIAN (488.3 Ma to 542.0 Ma)

52 Conglomerate, sandstone, shale, dolostone: Potsdam Gp.; Nepean Fm.; Covey Hill Fm.

UNCONFORMITY

PRECAMBRIAN^d (0.542 Ga to <3.85 Ga)

GRENVILLE PROVINCE^e

PROTEROZOIC (0.542 Ga to 2.50 Ga)

NEO- TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)

- 51 **Tectonite unit:** tectonites, straight gneisses, porphyroclastic gneisses, unsubdivided gneisses in major deformation zones, mylonites, protomylonites

CENTRAL METASEDIMENTARY BELT

- 50 **Late felsic plutonic rocks^f:** granodiorite, granite, syenite, pegmatite, alkalic granite, migmatitic gneisses

- 50a Granitic and syenitic gneisses
- 50b Granitic gneisses with metasedimentary xenoliths, migmatites, injection gneisses, pegmatites

- 49 **Mafic to ultramafic plutonic rocks^f:** diorite, gabbro, peridotite, pyroxenite, anorthosite, derived metamorphic rocks

- 49a Gabbro
- 49b Diorite
- 49c Anorthosite, gabbroic anorthosite

- 48 **Alkalic plutonic rocks:** nepheline syenite, alkalic syenite, fenite; associated mafic, ultramafic and carbonatitic rocks

- 48a Syenite
- 48b Nepheline syenite

- 47 **Early felsic plutonic rocks^f:** granodiorite, tonalite, monzogranite, syenogranite; derived gneisses and migmatites

- 47a Monzo- and syenogranite
- 47b Granodiorite
- 47c Trondhjemite
- 47d Tonalite

GRENVILLE SUPERGROUP AND FLINTON GROUP^g

- 46 **Carbonate metasedimentary rocks:** marble, calc-silicate rocks, skarn, tectonic breccias

- 45 **Clastic metasedimentary rocks^f:** conglomerate, wacke, quartz arenite, arkose, limestone, siltstone, chert, minor iron formation, minor metavolcanic rocks

- 44 **Mafic to felsic metavolcanic rocks:** flows, tuffs, breccias, minor iron formation, minor metasedimentary rocks; includes reworked pyroclastic units, amphibolite

MESOPROTEROZOIC (1.0 Ga to 1.6 Ga)

CENTRAL GNEISS BELT

- 43 **Felsic igneous rocks:** tonalite, granodiorite, monzonite, granite, syenite; derived gneisses
- 42 **Anorthosite and alkalic igneous rocks:** anorthosite, anorthositic gabbro, gabbro and related gneisses, nepheline syenite, alkalic syenite
- 41 **Migmatitic rocks and gneisses of undetermined protolith:** commonly layered biotite gneisses and migmatites; locally includes quartzofeldspathic gneisses, orthogneisses, paragneisses
- 40 **Mafic rocks:** amphibolite, gabbro, diorite, mafic gneisses
- 39 **Gneisses of metasedimentary origin:** quartzofeldspathic gneisses, pelitic to semi-pelitic gneisses, calc-silicate gneisses, minor quartzite, minor marble and marble breccia

SOUTHERN and SUPERIOR^h PROVINCES

EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga)

- 38 **Carbonate-alkalic intrusive suite (443.7 Ma to 600 Ma):** carbonatite, nepheline syenite, alkalic syenite, ijolite, fenite; associated mafic and ultramafic intrusions
- 38a Intrusions of uncertain age
- 37 **Mafic intrusive rocksⁱ**
- 37a Grenville or Rideau mafic dike swarm (575-590 Ma)
- 37b Frontenac mafic dike swarm (circa 1160 Ma)
- 37c Gabbro, diorite, ultramafic rocks, and granophyre

MESOPROTEROZOIC (1.0 Ga to 1.6 Ga)

UPPER KEWEENAWAN SUPERGROUP (<1086 Ma)

- 36 **Sandstone, shale, conglomerate:** Jacobsville Gp.; Oronto Gp
- INTRUSIVE CONTACT
- 35 **Alkalic intrusive suite and carbonatite (circa 1.1 to 1.2 Ga):** alkalic syenite, ijolite, nepheline syenite, fenite, associated mafic and ultramafic rocks, and minor carbonatite
- 35a Martison Carbonatite Complex
- 34 **Mafic dikes and related intrusive rocks (Keweenawan age)ⁱ (circa 1.1 to 1.2 Ga)**
- 34a Logan and Nipigon mafic sills (circa 1100-1115 Ma)
- 34b Mafic sills and dikes (circa 1130-1180 Ma), including the Mine Centre dike (circa 1137±20 Ma), the Empey Lake dike (circa 1178±31 Ma), and the Kipling (Abitibi) dike (circa 1140 Ma).
- 34c Ultramafic, gabbroic and granophyric intrusions (probably related to unit 35)
- 34d Felsic to intermediate intrusive rocks
- 34e Abitibi swarm (1141 Ma) mafic dikes
- Mafic intrusive rocksⁱ and mafic dikes**
- 33a Mackenzie mafic dike swarm (1267 Ma)
- 33b Sudbury mafic dike swarm (circa 1235-1238 Ma)

MIDDLE AND LOWER KEWEENAWAN SUPERGROUP (1086 to 1107 Ma)

- 32 **Osler Gp., Mamainse Point Fm., Michipicoten Island Fm.**
- 32a Basalt and associated conglomerate and arkose
- 32b Rhyolite, quartz-feldspar porphyry; associated conglomerate and arkose
- 31 **Sibley Gp. (circa 1.34 Ga):** conglomerate, sandstone, shale

MESO- TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga)

- 30 **Felsic intrusive rocks**
- 30a Granite, alkali granite, granodiorite, quartz-feldspar porphyry; minor related volcanic rocks^j (1.5 to 1.6 Ga)
- 30b Killarney monzogranite and granitic rocks^k (1.7 and 1.4 Ga)
- 30c Intermediate to felsic volcanic rocks^k (1.8 to 1.9 Ga.)

INTRUSIVE CONTACT

PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga)

- 29 **Sudbury Igneous Complex (1850 Ma):** norite, gabbro, granophyre
- 29a Granophyre
- 29b Norite-gabbro, quartz norite, sublayer and offset rocks
- 28 **Whitewater Gp.^l:** fragmental rocks, mudstone, wacke

- 28a Chelmsford Formation: wacke, minor siltstone
- 28b Onwatin Formation: carbonaceous slate
- 28c Onaping Formation: lapilli tuff, breccia, felsic flows and intrusions, minor carbonate and chert

27 Carbonatite-alkalic intrusive suite (circa 1.8 to 1.9 Ga): carbonatite complexes, nepheline syenite, alkalic syenite, ijolite, fenite; associated mafic and ultramafic rocks

26 Mafic intrusive rocks¹, mafic dikes and mafic sills

- 26a Molson mafic dike swarm (circa 1889 to 1871 Ma) and mafic sills of the Sutton Inliers (circa 1871 Ma)
- 26b Pickle Crow mafic dike; normally magnetized northwest-trending subswarm (Molson swarm) (circa 1876 Ma)
- 26c Pickle Crow mafic dike; reversely magnetized northwest-trending subswarm (Molson swarm) (circa 1876 Ma)
- 26d Mafic dikes and mafic plutons of uncertain age; gabbro, diorite, quartz diorite
- 26e North Channel mafic dike swarm

INTRUSIVE CONTACT

25 Trans-Hudson Orogen Supracrustal rocks / sedimentary rocks (Sutton Inliers): dolostone, chert breccias, argillite, wacke, conglomerate, iron formation

- 25a Mafic and ultramafic metavolcanic rocks, metasedimentary rocks, differentiated mafic to ultramafic intrusions of the Fox River belt
- 25b Undifferentiated clastic and carbonate metasedimentary rocks
- 25c Sutton Inliers – Sutton Ridges Formation: unsubdivided clastic metasedimentary rocks (including wacke, siltstone, argillite, chert breccia and conglomerate), and chert-banded and clastic iron formation
- 25d Sutton Inliers – Nowashe Formation: carbonate metasedimentary rocks (dolomite, cherty dolomite, stromatolitic dolomite, argillaceous dolomite)
- 25e Undifferentiated clastic metasedimentary migmatite

24 Sedimentary rocks (Animikie Group)^m: wacke, shale, iron formation, limestone, minor volcanic rocks, conglomerate, taconite, algal chert, carbonate rocks, argillite-tuff

- 24a Rove Formation: argillite, shale, wacke, minor volcanic rocks
- 24b Gunflint Formation: conglomerate, taconite, algal chert, chert, carbonate rocks, argillite-tuff

23 Mafic and related intrusive rocks¹ and mafic dikes

- 23a Marathon mafic dike; north-northwest to north-northeast-trending subswarm (circa 2101 to 2126 Ma)
- 23b Fort Frances mafic dike; northwest-trending subswarm (circa 2075 Ma)
- 23c Marathon, Kapuskasing or Biscotasing mafic dike; northeast-trending subswarm (circa 2101-2126 or circa 2167-2171 Ma)
- 23d Nipissing mafic sills (2219 Ma): mafic sills, mafic dikes and related granophyre
- 23e Biscotasing mafic dike; north-northeast-trending swarm (circa 2167-2171 Ma)
- 23f Mafic dikes of uncertain age
- 23g Mafic plutons of uncertain age

22 Felsic intrusive rocks (Murray Granite 2388 Ma, Creighton Granite 2333 Ma): granite

HURONIAN SUPERGROUP (2.2 Ga to 2450 Ma)

21 Cobalt Gp.ⁿ: siltstone, argillite, sandstone, conglomerate

- 21a Bar River Formation: quartz sandstone, hematitic sandstone, sandstone
- 21b Gordon Lake Formation: siltstone, argillite, sandstone
- 21c Lorrain Formation: quartz sandstone, minor conglomerate, siltstone
- 21d Gowganda Formation: conglomerate, sandstone, siltstone, argillite

20 Quirke Lake Gp.: sandstone, siltstone, conglomerate, limestone, dolostone

- 20a Serpent Formation: quartz-feldspar sandstone, sandstone with minor siltstone, calcareous siltstone and conglomerate
- 20b Espanola Formation: limestone, dolostone, siltstone, sandstone
- 20c Bruce Formation: conglomerate with minor sandstone and siltstone

19 Hough Lake Gp.: siltstone, wacke, argillite, quartz-feldspar sandstone, conglomerate, sandstone

- 19a Mississagi Formation: quartz-feldspar sandstone, argillite and conglomerate
- 19b Pecors Formation: siltstone, argillite, wacke, minor sandstone
- 19c Ramsay Lake Formation: conglomerate, minor sandstone, siltstone

18 Elliot Lake Gp.: siltstone, wacke, argillite, quartz-feldspar sandstone, conglomerate, mafic, intermediate and felsic metavolcanic rocks, intercalated metasedimentary rocks and epiclastic rocks

- 18a McKim Formation: siltstone, wacke, argillite
- 18b Matinenda Formation: quartz-feldspar sandstone, conglomerate, sandstone
- 18c Volcanic rocks: includes mafic, intermediate and felsic metavolcanic rocks, intercalated metasedimentary rocks and epiclastic rocks

INTRUSIVE CONTACT

17 Mafic and ultramafic intrusive rocks and mafic dikes

- 17a Matachewan mafic dike swarm (circa 2454 Ma)
- 17b Gabbro, anorthosite

SUPERIOR PROVINCE
ARCHEAN (2.5 Ga to <3.85 Ga)
NEOARCHEAN (2.5 Ga to 2.8 Ga)

INTRUSIVE CONTACT

- 16 **Hornblendite - nepheline syenite suite⁸⁰**: pyroxenite, diorite, monzonite, syenite, nepheline syenite (saturated to undersaturated suite)
- 16a Hornblendite, pyroxenite
 - 16b Gabbro, diorite, monzonite
 - 16c Syenite, nepheline and/or foid-bearing syenite

NEO- TO MESOARCHEAN (2.5 Ga to 3.2 Ga)^{80P}

INTRUSIVE CONTACT

- 15 **Massive granodiorite to granite**: massive to foliated granodiorite to granite
- 15a Potassium feldspar megacrystic units
- 14 **Diorite-monzodiorite-granodiorite suite**: diorite, quartz diorite, minor tonalite, monzonite, granodiorite, syenite and hypabyssal equivalents (saturated to oversaturated suite)
- 14a Diorite, monzonite, quartz monzonite
 - 14b Granodiorite, granite
 - 14c Syenite
- 13 **Muscovite-bearing granitic rocks**: muscovite-biotite and cordierite-biotite granite, granodiorite-tonalite
- 12 **Foliated tonalite suite**: tonalite to granodiorite - foliated to massive
- 12a Biotite tonalite to granodiorite
 - 12b Hornblende tonalite to granodiorite
- 11 **Gneissic tonalite suite**: tonalite to granodiorite - foliated to gneissic - with minor supracrustal inclusions
- 10 **Mafic and ultramafic rocks⁸¹**: gabbro, anorthosite, ultramafic rocks
- 10a Gabbro
 - 10b Anorthosite
 - 10c Ultramafic rocks

INTRUSIVE CONTACT

NEOARCHEAN (2.5 Ga to 2.8 Ga)

SUPRACRUSTAL ROCKS

- 9 **Coarse clastic metasedimentary rocks⁸²**: mainly coarse clastic metasedimentary rocks, with minor, mainly alkalic, mafic to felsic metavolcanic flows, tuffs and breccias
- 9a Metasedimentary rocks: conglomerate, arkose, arenite, wacke, sandstone, siltstone, argillite
 - 9b Alkaline metavolcanic rocks: mafic to felsic metavolcanic flows, tuffs and breccias

NEO- TO MESOARCHEAN (2.5 Ga to 3.2 Ga)

SUPRACRUSTAL ROCKS

- 8 **Migmatized supracrustal rocks⁸³**: metavolcanic rocks, minor metasedimentary rocks, mafic gneisses of uncertain protolith, granitic gneisses
- 7 **Metasedimentary rocks⁸⁴**: wacke, siltstone, arkose, argillite, slate, mudstone, marble, chert, iron formation, minor metavolcanic rocks, conglomerate, arenite, paragneiss, migmatites
- 7a Wacke, siltstone, arkose
 - 7b Argillite, slate, mudstone
 - 7c Marble, chert, iron formation, minor metavolcanic rocks
 - 7d Conglomerate and arenite
 - 7e Paragneiss and migmatites⁸⁵
- 6 **Felsic to intermediate metavolcanic rocks⁸⁶**: rhyolitic, rhyodacitic, dacitic and andesitic flows, tuffs and breccias, chert, iron formation, minor metasedimentary and intrusive rocks; related migmatites
- 6a Dacitic and andesitic flows, tuffs and breccias
 - 6b Rhyolitic, rhyodacitic flows, tuffs and breccias
- 5 **Mafic to intermediate metavolcanic rocks⁸⁷**: basaltic and andesitic flows, tuffs and breccias, chert, iron formation, minor metasedimentary and intrusive rocks, related migmatites
- 5a Andesitic flows, tuffs and breccias with minor rhyolites⁸⁸
 - 5b Basaltic and andesitic flows, tuffs and breccias
- 4 **Mafic to ultramafic metavolcanic rocks⁸⁹**: mafic metavolcanic and basaltic rocks with minor komatiitic flows, metasedimentary and pyroclastic rocks

- 4a Ultramafic metavolcanic rocks
- 4b Mafic metavolcanic rocks, metasedimentary rocks and pyroclastic rocks

MESOARCHEAN (2.8 Ga to 3.2 Ga)^y

SUPRACRUSTAL ROCKS

- 3** Mafic metavolcanic and metasedimentary rocks^{tw}: mafic metavolcanic rocks, minor iron formation
- 2** Felsic to intermediate metavolcanic rocks^l: rhyolitic, rhyodacitic, dacitic and andesitic flows, tuffs and breccias
- 1** Metasedimentary rocks and mafic to ultramafic metavolcanic rocks^{tw}: coarse clastic metasedimentary rocks, marble, quartz arenite, iron formation, komatiite, mafic metavolcanic rocks, and minor felsic metavolcanic rocks

- a - The letter "G" preceding a map unit number indicates lithologic information interpreted from geophysical data.
- b - Phanerozoic stratigraphic nomenclature varies in the level of detail to match the variable level of detail displayed on the map face.
- c - Unassigned.
- d - Subdivisions of Precambrian geologic time and units characterized by a range of ages are cited in terms of Ga. The subdivisions of geologic time correspond to international standards. All ages of individual units cited in the legend are based on high precision U/Pb zircon ages, and are cited in terms of Ma.
- e - Granulite grade units are shown by screened overprint.
- f - The rocks of the Central Granulite Terrane in Quebec are coded in a lithologic sense only and represent units of ca. 1050 to 1150 Ma in age. Equivalents of these rocks are not known to be present in Ontario.
- g - Rocks in these groups are subdivided lithologically. The order does not imply age relationship within or among groups.
- h - This part of the legend describes Proterozoic units of the Southern Province, and those Proterozoic units within the Superior Province. Most diabase dike and alkalic intrusive rock map units listed for the Grenville Province cut Grenville and Southern provinces; therefore, they are listed in the Southern Province part of the legend.
- i - A generalized distribution of diabase dikes is shown. Some individual swarms occur in more than one geological province.
- j - This unit has a geographic distribution from the west shore of Lake Nipigon to the north shore of Lake Huron, including the Cutler, Chief Lake, Croker Island, English Bay and Manitoulin granites.
- k - This unit includes the Killarney and related granitoids and equivalent metavolcanic units, as well as the Killarney area granitoids.
- l - This unit includes the Chelmsford, Onwatin and Onaping formations.
- m - This unit includes the Gunflint and Rove formations.
- n - This unit includes the Gowganda, Lorrain, Gordon Lake and Bar River formations.
- o - This unit was formerly classified as Algoman and/or Laurentian. Units 13, 14 and 15 are mainly Neoproterozoic except in areas of the Sachigo Subprovince, where some examples of Mesoarchean age occur.
- p - The intrusive rocks of Archean age range from approximately 2.65 Ga to 3.2 Ga.
- q - This unit was formerly classified as Haileyburian.
- r - This unit was formerly classified as Timiskaming. This unit comprises fluvial to marine metasedimentary rocks with minor, commonly alkalic, metavolcanic rocks that locally unconformably overlie units 1 to 6. They have generally only undergone the late deformation common in greenstone belts.
- s - These units are shown only in the English River and Quetico subprovinces.
- t - This unit was formerly classified as Keewatin. Most of these sequences range in age from 2.7 Ga to 2.8 Ga, based on U/Pb zircon ages.
- u - These units are large enough to show at the map scale only within the Abitibi Subprovince, forming the Blake River Group and units south of Lake Abitibi.
- v - The units under this heading include those greenstone belts that are older than 2.9 Ga, based on U/Pb zircon chronology. All other Archean greenstone sequences have been placed in the Neo- to Mesoarchean subdivision of the legend.
- w - This unit comprises those greenstone sequences in which shallow-water supermature sediments (quartz arenites, shallow-water carbonates) have been identified. This type of unit unconformably overlies older granitoid rocks in the Steeprock Lake area, and notably in older greenstone belts in the North Caribou Lake region.
- x - Number codes subdivided into a, b, c, etc., are generally arranged—especially for Proterozoic units—from younger to older.

Additional Notes

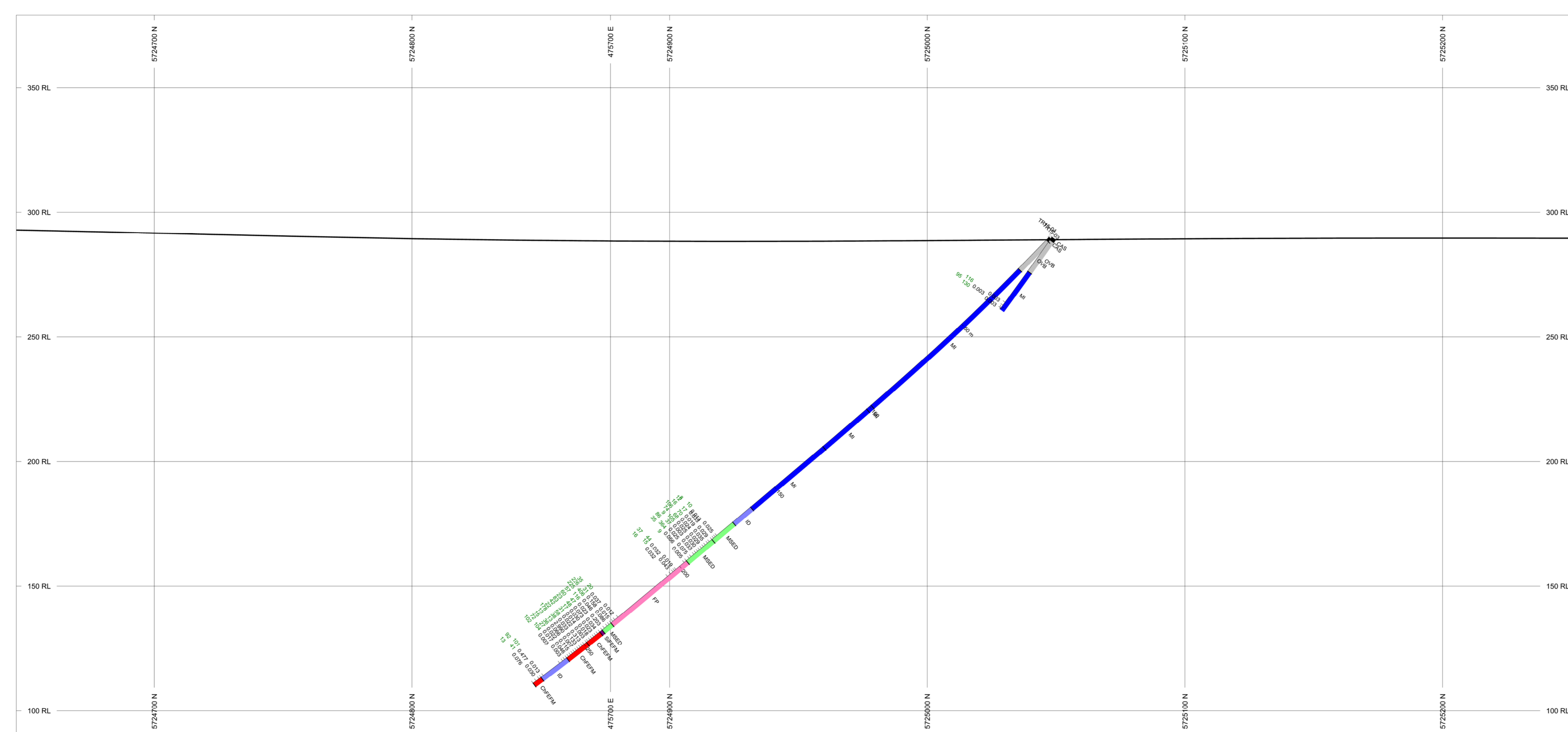
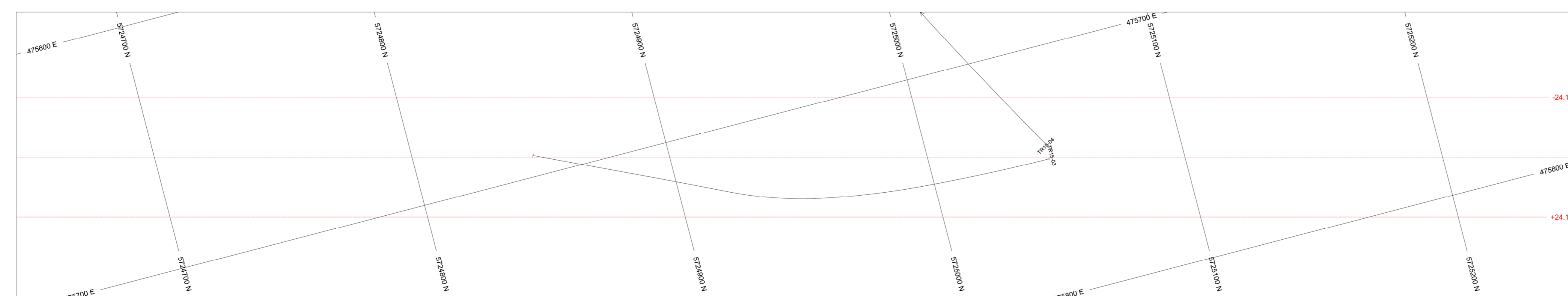
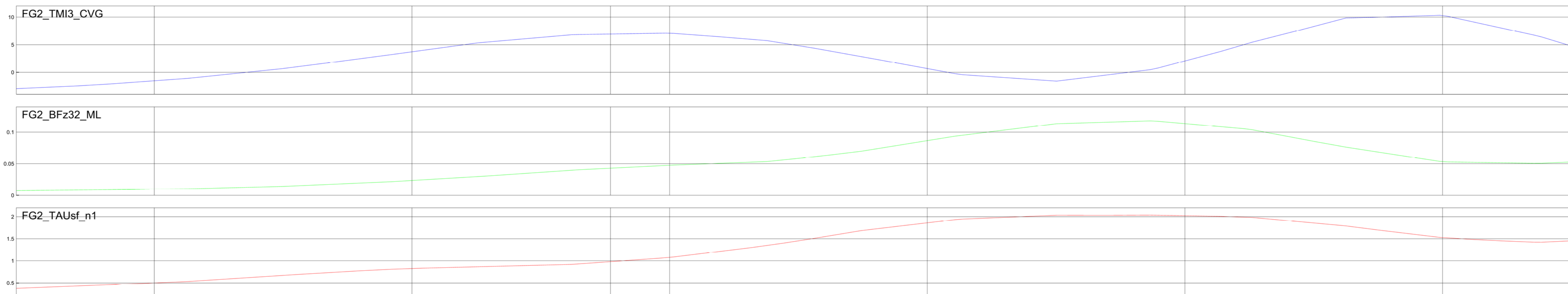
This compilation represents the Ontario Geological Survey's current interpretation of the Precambrian bedrock geology. The primary goal in creating this theme was to create a seamless product providing blanket coverage of the province. The understanding of Ontario's Precambrian geology will grow with the knowledge acquired through core business-unit-related geoscience studies.

This digital theme was prepared for the sole purpose of portraying the bedrock geology of Ontario at 1:250 000 scale. It can not be used for any other purpose. Use of this theme is governed by the following principles:

1. The theme is scale dependent. Use of the information on this theme at any scale larger than 1:250 000 is unwarranted and will result in erroneous conclusions.
2. To enable the rapid dissemination of information, this digital theme has not received a thorough technical edit. Discrepancies may occur for which the Ministry of Northern Development, Mines and Forestry does not assume liability. The digital theme does not fully portray the complex geology of Ontario and users should verify critical information.
3. The OGS is continually collecting, synthesizing and compiling new data throughout the province. Users should be aware that the digital theme was current at time of posting, but new information may substantially change the interpretation in any area. Users should verify the currency of data in any area before proceeding.
4. The digital theme was prepared from the 1:250 000 manuscript *Geology of Ontario* maps created between 1986 and 1990. These maps were updated within the confines of the available time with information collected post-1990. No attempt was made to check source material published prior to the creation of the manuscript maps.
5. The geology was subdivided to aid identification of economically important rock units.

Numerical subdivisions of the Geological time scale are from the International Commission on Stratigraphy, International Stratigraphic Chart (<http://www.stratigraphy.org/upload/ISChart2009.pdf>), August 2009.

Users of OGS products are encouraged to contact those Aboriginal communities whose traditional territories may be located in the mineral exploration area to discuss their project.



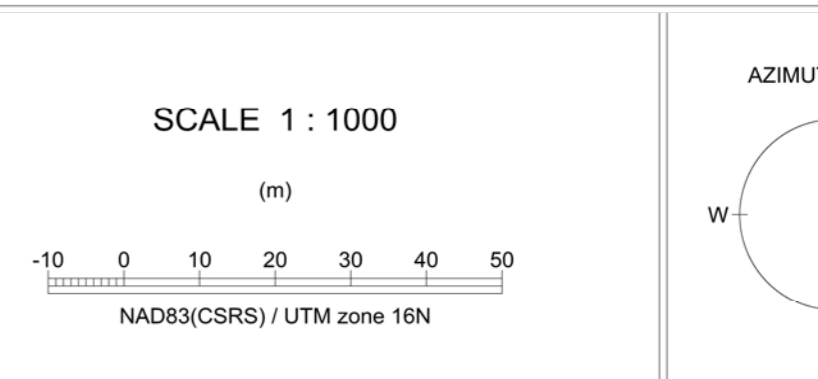
Appendix 3 Section Maps

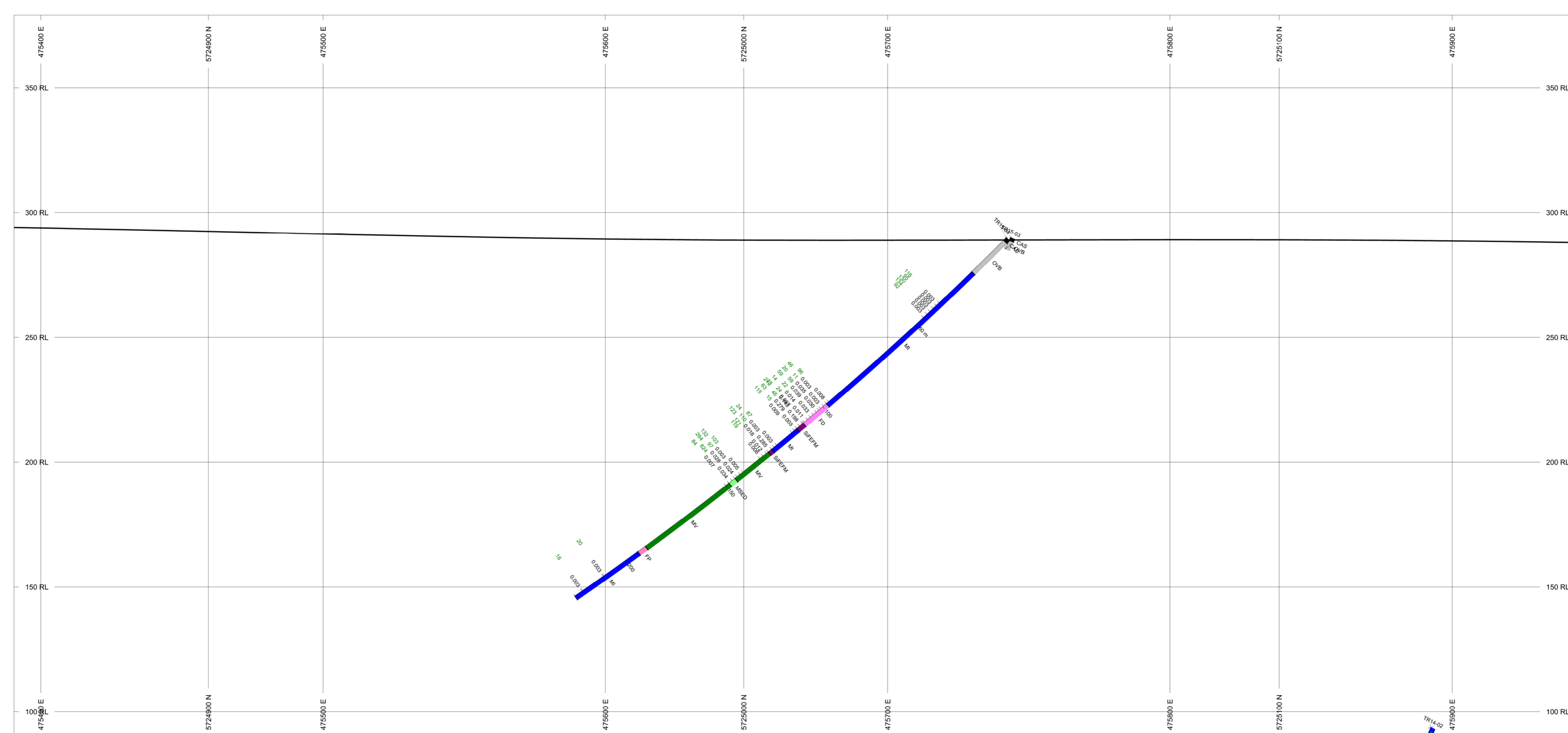
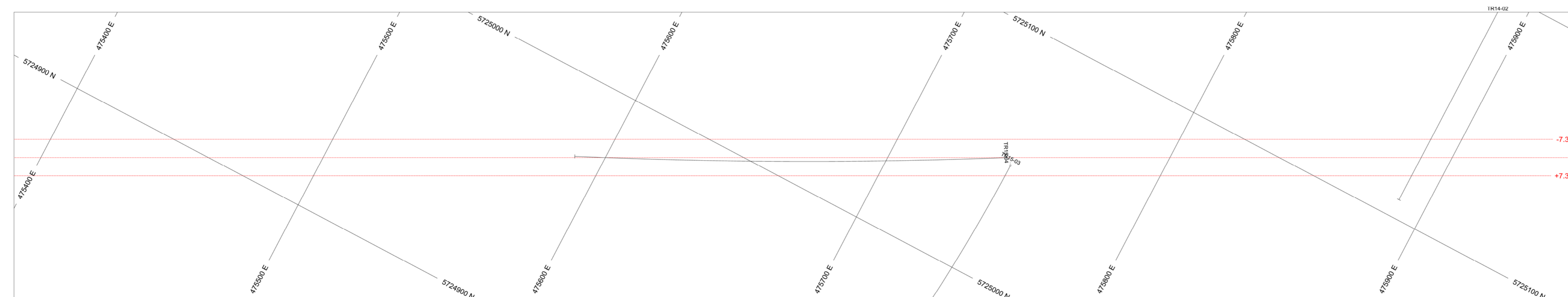
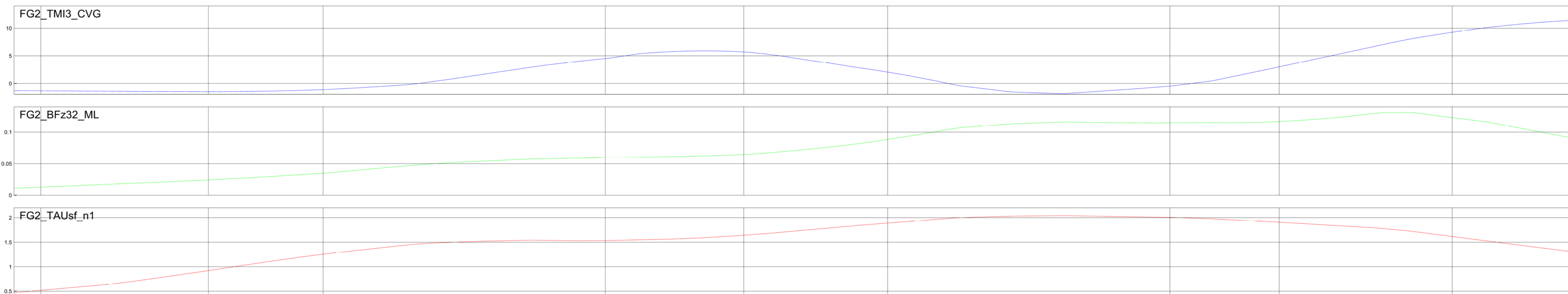
DDH TR15-03

TOPOGRAPHY		
PAT	LABEL	DESCRIPTION
CAS	Casing	
OVB	Overburden	
MV	Mafic Metavolcanic	
FP	Feldspar Porphyritic Dike	
ID	Intermediate Dike	
SIFEFM	Silicate Fe Fm (10-15% Po-Py, tr Cpy)	
CHFEFM	Cherty Fe Fm (10-15% Po-Py, tr Cpy)	
MSED	Mafic Sediment	
MI	Mafic Intrusive	

ASSAYS		
Au	L	TEXT
Cu	L	TEXT

POSTED TEXT		
RxCode	L/R	TEXT ITEMS
	R	All





DDH TR15-04

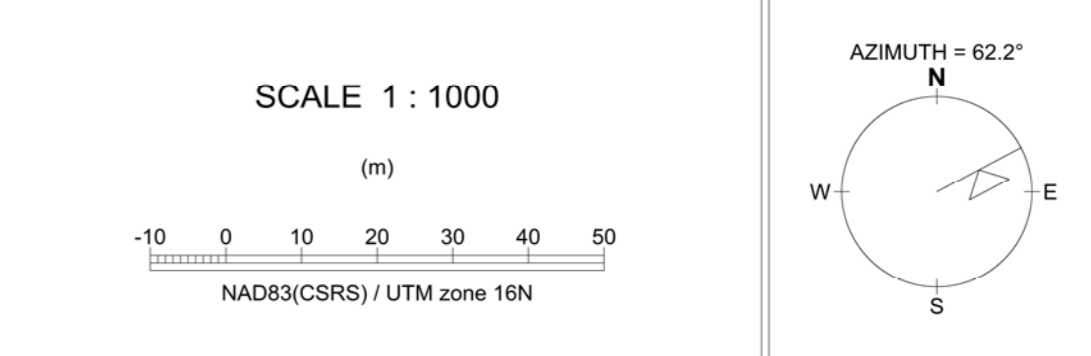
TOPOGRAPHY
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ROCK CODES	PAT	LABEL	DESCRIPTION
RxCode	CAS	Casing	Casing
	OVB	Overburden	Overburden
	MV	Mafic Metavolcanic	Mafic Metavolcanic
	MVT	Mafic Metavolcanic (tuff or sediment?)	Mafic Metavolcanic (tuff or sediment?)
	FP	Feldspar Porphyritic Dyke	Feldspar Porphyritic Dyke
	ID	Intermediate Dyke	Intermediate Dyke
	MD	Mafic Dyke	Mafic Dyke
	SIFEFM	Silicate Fe Fm (10-15% Po-Py; tr Cpy)	Silicate Fe Fm (10-15% Po-Py; tr Cpy)
	CHEFEM	Cherty Fe Fm (10-15% Po-Py; tr Cpy)	Cherty Fe Fm (10-15% Po-Py; tr Cpy)
	SED	Metasediment	Metasediment
	MD-MV	Mafic Dyke/Massive Mafic Flow	Mafic Dyke/Massive Mafic Flow
	AMPH	Amphibole	Amphibole
	MSED	Mafic Sediment	Mafic Sediment
	MI	Mafic Intrusive	Mafic Intrusive
	FD	Felsic Dyke	Felsic Dyke

ASSAYS	L/R	TEXT
Au	L	-----
Cu	L	-----

POSTED TEXT	L/R	TEXT	ITEMS
RxCode	R	-----	All

SECTION SPECS:
 REF. PT. E, N 475968 m 5725010 m
 EXTENTS 627.4 m 290.8 m
 SECTION TOP, BOT 379.1 m 88.25 m
 TOLERANCE +/- 7.3 m



DDH ID	TR15-03	Azimuth (True)	180	Survey			Drill Contractor	Orbit Garant Drilling Inc.
Company ID	China Metallurgical Exploration Corp.	Dip	-45	Depth (m)	Dip	Azimuth (True)	Drill Type	Longyear 38
Property	Triumph (previously Field Goal 2)	Length (m)	276	21	-44.5	bad reading	Rig/Unit #	SH-27
UTM East	475745	Start Date	28-Jun-15	72	-41.3	184.3	Core Size	NQ
UTM North	5725047	Finish Date	30-Jun-15	123	-40.2	191.0	Casing	19.5 metres, removed
UTM Zone	16U	Mining Claim	4276914	174	-39.3	205.5	Logged by	Ian Trinder, M.Sc., P.Geo.
Datum	NAD83	Area	Calamity Lake	225	-39.1	205.0	Log Start	30-Jun-15
RL (m)	290	Mining Division	Thunder Bay	276	-36.1	bad reading	Log Finish	02-Jul-15
Purpose	Test VTEM Conductor FG2-2 (2013 Geotech anomaly L4260D). Conductor explained by Silicate and Chert-(Magnetite) Iron Formation with Po-Py stringers							
Core Storage	At drill site: UTM 475725E, 5725031N except 14 boxes (39-42, 44, 51-57 and 60-61) which are stored at Clark Exploration Consulting Inc., 1000 Alloy Drive, Thunder Bay, Ontario, P7B 6A5							

DDH ID	MAJOR UNITS						MINOR UNITS					
	From (m)	To (m)	Length (m)	Rock Code	Rock	Description	From (m)	To (m)	Length (m)	Minor Rock Code	Minor Rock	Minor Description
TR15-03	0.00	1.50	1.50	CAS	Casing	NWL casing set to 19.5m						
	1.50	17.80	16.30	OVB	Overburden	Cased, approximately 0.9 metres of granitic boulders recovered						
	17.80	99.20	81.40	MI	Mafic Intrusive	Diorite/gabbro dyke/sill. Fine to medium grained (</=1mm) salt and pepper texture (amphibole and feldspar) groundmass. Moderately foliated. Minor quartz-carbonate veinlets up to 2cm thick generally subparallel but locally cross-cutting foliation. Generally non magnetic. Patchy weakly magnetic due to trace disseminated Po. At ~90m the groundmass begins to slightly coarsen downhole 1-2mm. Trace platy marcasite rosettes on fracture planes. Open fractures often coated in a white powdery mineral composite may be carbonate in part (fizzes with acid). Casing set approximately 1.7metres into bedrock.						
	99.20	101.55	2.35	MI	Mafic Intrusive	Transitional from above diorite to coarse gabbro (pyroxenite - OGS Bronwyn) below. Gradational upper and lower contact. 10%-20% amphibole porphyroblasts up to 2-3mm diameter in fine grained groundmass						
	101.55	124.70	23.15	MI	Mafic Intrusive	Gabbro/pyroxenite. Coarse grained with up to 30-50% 1cm pale green grey pyroxene? porphyroblasts in a finer grained amphibole/minor feldspar groundmass. Rare to minor pyrrhotite associated with rare quartz-carbonate veinlets and on fractures. Gradational contacts.	104.15 110.85	106.00 112.60	1.85 1.75	MI MI	Mafic Intrusive Mafic Intrusive	Gradational transition into medium grained diorite/gabbro. Gradational transition into medium grained diorite/gabbro.
	124.70	162.60	37.90	MI	Mafic Intrusive	Diorite/gabbro dyke/sill. Fine grained (</=1mm) salt and pepper texture (amphibole and feldspar) groundmass similar to 17.8-99.2m. Moderately foliated. Very minor quartz-carbonate veinlets generally subparallel but locally cross-cutting foliation. Generally non magnetic, local patchy weakly magnetic due to trace disseminated Po. Trace platy marcasite rosettes on fracture planes. Open fractures coated with aphanitic green grey material, no white powdery carbonate mineral composite present 17.8-99.2m.	126.70 161.50	128.45 162.60	1.75 1.10			Very fine grained chloritic-biotitic groundmass. Contacts somewhat gradational. Minor compositional banding possible related to underlying dyke. Last 5cm pervasively biotitic - baked margin.
	162.60	172.05	9.45	ID	Intermediate Dyke	Very fine grained, light-medium grey intermediate dyke. May be several dykes. Possible biotitic xenolith at 165m with 25 contacts. Generally non-magnetic except very weakly magnetic 162.6-162.8m and 169-170m. Upper contact 40, lower contact 15.	167.45					Possible internal contact - compositional change.
	172.05	183.00	10.95	MSED	Metasediment	Possible metasediment? Very fine grained groundmass with weak lamination/banding to massive. Hosts pale green-grey irregular rounded <2cm to >5cm quartz-rich patches with biotite flakes up to +/- 1cm, trace to 1% Po and minor carbonate patches. Po also on fractures. Patchy weakly magnetic - corresponding with Po blebs and more silicified sections. Upper contact 15, lower contact 30 LCA.						

DDH ID	MAJOR UNITS						MINOR UNITS					
	From (m)	To (m)	Length (m)	Rock Code	Rock	Description	From (m)	To (m)	Length (m)	Minor Rock Code	Minor Rock	Minor Description
TR15-03	183.00	196.50	13.50	MSED	Metasediment	Very fine grained, laminated to banded greywacke/metasilstone. Laminations contorted and at low angle to core axis. Abundant bulls-eye fabrics. Minor garnetiferous laminae and bands up to 3cm thick starting at 193.4m. Last 30cm is biotitic due to underlying dyke ("baked margin"). Patchy weak to moderate magnetic - related to Po content. Lower contact 10 LCA. Minor Po blebs overall.	183.00	183.20		ID	Intermediate Dyke	Very fine grained, light-medium grey intermediate dykelet. 20-30% 1mm feldspar phenocrysts. Upper contact 30 LCA, lower contact 15 LCA. Very fine grained, light-medium grey intermediate dykelet. 20-30% 1mm feldspar phenocrysts. Upper contact 20 LCA, lower contact 10 LCA. Foliation 45 LCA. Similar to 183.0-183.2m. Weakly magnetic.
							184.40	185.30		ID	Intermediate Dyke	
	196.50	236.10	39.60	FP	Feldspar Porphyry Dyke	Light to medium grey aphanitic to fine grained felsic to intermediate siliceous groundmass with 5-10% biotite hosts 20-30% feldspar lineated phenocrysts stretched into plane of foliation. Phenocrysts are 1-2mm in cross-section and up to 10mm in length. Generally non-magnetic except last 2.1m which is slightly more biotitic and very weakly magnetic. Upper contact 10 LCA, lower contact ~ 5 LCA. Cross cut by minor 1-2mm locally 1-2cm quartz biotite veinlets. Veinlets/veins have a white (silicified?) alteration selvage up to 1cm wide.						
	236.10	240.65	4.55	MSED	Metasediment	Very fine grained, medium grey silicified metasediment with ~5% white quartz veinlets/boudins/patches. Lower 10cm is a garnetiferous chloritic bed at 45 LCA. Lower contact 38 LCA. ~10-15% Po as blebs, patches and foliation/lamination parallel to cross-cutting stringers up to 1cm wide. Po is often peripheral to quartz patches and in fractures within quartz.						
	240.65	241.90	1.25	SIFEFM	Silicate Iron Formation	Predominantly up to 3-4cm thick light grey cherty bands/beds with lesser 2-3mm to 65cm thick magnetic garnetiferous biotitic-chloritic beds and up to 2cm light greenish biege tremolite (fibrous) rich beds and anding/bedding is contorted/folded with bulls-eye fabric. Lower contact ~10 LCA. Lower contact somewhat arbitrary based on abundance of Biotite-chlorite-garnet beds. <5% Po as bedding parallel laminae and cross-cutting stringers.						
	241.90	248.75	6.85	ChFEFM	Cherty Iron Formation	Predominantly up to 3-4cm thick light grey cherty bands/beds with lesser 2-3mm to 65cm thick magnetic garnetiferous biotitic-chloritic beds and up to 2cm thick light greenish biege tremolite (fibrous) rich beds. Banding/bedding is contorted/folded with bulls-eye fabric. Lower contact ~55 LCA. Up to 2-3% Po as foliation/lamination parallel stringers.						
	248.75	258.95	10.20	ChFEFM	Cherty Iron Formation	Chert-magnetite Fe-Fm. Similar to above interval (241.90-248.75m) but also magnetite laminae/beds up to 1-2mm thick becoming more abundant and thicker (1-2cm) downhole. Upper contact 55 LCA, lower contact 20 LCA. Overall ~5% magnetite laminae/beds and 1-2% Po stringers.	250.75	251.40	0.65	ID	Intermediate Dyke	Fine grained, light-medium grey biotitic intermediate dykelet. Upper contact 25 LCA, lower contact 55 LCA. Foliation 40 LCA.
	258.95	272.00	13.05	ID	Intermediate Dyke	VFG, 10-15% biotite in intermediate groundmass with 10-15% biotite. Local weak compositional banding due to variation in biotite abundance. Local amphibole-garnet-chlorite-tremolite patches may be xenoliths. No visible sulphide. Generally non-magnetic but locally a very weakly magnetic patch. Upper contact 20 LCA, lower contact 25 LCA.	263.90 265.05	264.60 265.50	0.70 0.45			amphibole-garnet-chlorite-tremolite patches may be xenoliths amphibole-garnet-chlorite-tremolite patches may be xenoliths
	272.00	276.00	4.00	ChFEFM	Cherty Iron Formation	Chert-magnetite Fe-Fm as in 248.75 to 258.95m. Upper contact 25 LCA marked by 15cm thick garnet-chlorite-tremolite bed with garnet porphyroblasts up to 1cm diameter. ~2-3% Po as foliation parallel laminations and cross-cutting stringers.						



DDH ID	TR15-03	Azimuth (True)	180
Company ID	China Metallurgical Exploration Corp.	Dip	-45
Property	Triumph (previously Field Goal 2)	Length (m)	276
UTM East	475745	Start Date	28-Jun-15
UTM North	5725047	Finish Date	30-Jun-15
UTM Zone	16U	Mining Claim	4276914
Datum	NAD83	Area	Calamity Lake
RL (m)	290	Mining Division	Thunder Bay

Survey		
Depth (m)	Dip	Azimuth (True)
21	-44.5	bad reading
72	-41.3	184.3
123	-40.2	191.0
174	-39.3	205.5
225	-39.1	205.0
276	-36.1	bad reading

Drill Contractor	Orbit Garant Drilling Inc.
Drill Type	Longyear 38
Rig/Unit #	SH-27
Core Size	NQ
Casing	19.5 metres, removed
Logged by	Ian Trinder, M.Sc., P.Geo.
Log Start	30-Jun-15
Log Finish	02-Jul-15

Purpose Test VTEM Conductor FG2-2 (2013 Geotech anomaly L4260D). Conductor explained by Silicate and Chert-(Magnetite) Iron Formation with Po-Py stringers

Core Storage At drill site: UTM 475725E, 5725031N except 14 boxes (39-42, 44, 51-57 and 60-61) which are stored at Clark Exploration Consulting Inc., 1000 Alloy Drive, Thunder Bay, Ontario, P7B 6A5

DDH ID	Sample	From_m	To_m	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR15-03	7123	180.50	181.30	0.025	<0.5	7.3	7	210	1	2	3.34	<0.5	19	64	10	3.95	20	1.88	10	1.22	554	2	2.99	44	630	10	0.17	<5	7	347	<20	0.27	<10	<10	69	<10	62
	7124	181.30	182.10	0.013	<0.5	6.4	<5	210	0.9	<2	6.66	<0.5	16	48	8	4.33	20	2.37	10	2.12	849	2	1.81	54	580	15	0.05	<5	8	342	<20	0.23	<10	<10	58	<10	74
	7125	182.10	183.00	0.033	<0.5	6.72	<5	260	1	<2	2.63	<0.5	20	46	12	3.96	20	1.86	20	0.99	374	2	2.42	52	490	9	0.27	<5	9	259	<20	0.24	<10	<10	66	<10	84
	7126	183.00	184.40	0.029	<0.5	6.95	17	240	1.1	<2	2.01	<0.5	20	45	17	3.8	20	1.97	20	0.91	312	3	2.35	46	550	2	0.15	<5	10	252	<20	0.26	<10	<10	61	<10	50
	7127	184.40	185.30	0.019	<0.5	6.46	22	210	1	<2	2.19	<0.5	26	35	16	4	20	1.83	20	0.96	399	2	2.23	63	560	10	0.18	<5	8	241	<20	0.24	<10	<10	45	<10	69
	7128	185.30	186.50	0.035	<0.5	6.56	6	230	1.2	<2	2.15	<0.5	23	44	70	5.28	20	2.02	20	1.12	425	3	2.06	48	460	7	1.15	<5	9	223	<20	0.21	<10	<10	76	10	49
	7129	186.50	187.50	0.024	<0.5	6.93	20	260	1.4	3	1.75	<0.5	32	40	106	7.19	20	2.52	10	1.42	472	8	1.77	52	440	9	1.33	<5	12	239	<20	0.27	<10	<10	85	<10	55
	7130	187.50	188.50	0.029	0.09	6.02	14.4	190	1.18	0.73	3.11	<0.02	23.1	39	67.6	5	16.1	1.56	18.3	1.07	441	8.26	1.52	42.3	420	3.5	0.84	0.18	10.5	375	4.6	0.191	0.25	1.2	62	5	33
	7131	188.50	189.50	0.025	<0.5	6.19	37	360	1.4	<2	4.11	<0.5	29	120	74	4.83	20	1.68	20	1.9	549	7	1.3	102	740	5	0.56	<5	12	529	<20	0.26	<10	<10	93	<10	46
	7132	189.50	190.50	0.03	<0.5	7.03	27	440	1.5	<2	3.04	<0.5	31	103	105	5.23	20	1.97	30	1.91	472	4	1.7	109	720	13	0.59	<5	12	517	<20	0.26	<10	<10	76	10	52
	7133	190.50	191.50	<0.005	<0.5	6.66	17	290	1.6	<2	4.41	<0.5	15	65	9	3.53	20	1.42	20	1.08	528	2	1.85	57	520	6	0.06	<5	9	468	<20	0.2	<10	<10	56	<10	33
	7134	191.50	192.50	0.033	<0.5	6.81	39	370	1.6	<2	2.98	<0.5	24	103	37	4.92	20	1.85	20	1.82	440	2	1.86	95	650	10	0.24	<5	12	443	<20	0.26	<10	<10	81	<10	51
	7135	192.50	194.00	0.025	<0.5	3.77	36	170	1.8	3	1.86	<0.5	16	58	86	6.97	10	0.76	20	1.34	597	3	0.92	42	350	5	1.39	<5	7	198	<20	0.15	<10	<10	55	<10	51
	7136	194.00	195.00	0.075	<0.5	3.45	28	80	1.8	<2	2.44	<0.5	14	35	364	8.53	10	0.53	10	1.29	712	2	0.83	21	280	7	1.96	<5	6	176	<20	0.1	<10	<10	46	<10	61
	7137	195.00	196.50	0.056	<0.5	4.6	14	220	1.9	<2	2.2	<0.5	12	53	35	6.28	10	0.84	10	1.32	562	2	1.19	34	380	6	0.49	<5	9	188	<20	0.24	<10	<10	64	<10	56
	7138	196.50	197.65	0.005	<0.5	7.15	<5	400	1.7	<2	2.19	<0.5	7	30	9	3.42	20	1.46	30	0.69	473	2	2.91	21	410	15	0.03	<5	7	241	<20	0.34	<10	<10	34	<10	80
	7139	202.00	202.70	0.019	0.08	7.54	3	740	1.56	0.09	1.57	0.05	5.2	9	43.6	2.89	23.4	1.78	44.2	0.27	374	1.48	3.62	5.4	450	9.1	0.4	0.37	5.5	190.5	10.2	0.28	0.3	2.5	22	2.9	60
	7140	202.70	203.50	0.032	<0.5	7.31	69	670	1.5	<2	1.76	<0.5	6	13	37	2.59	20	1.77	40	0.24	396	2	3.92	5	400	14	0.44	<5	5	171	<20	0.26	<10	<10	24	<10	42
	7141	203.50	204.80	0.043	<0.5	6.64	<5	590	1.5	<2	1.31	<0.5	4	18	15	2.68	20	1.51	30	0.24	368	3	3.87	5	360	9	0.3	<5	5	159	<20	0.24	<10	<10	20	<10	59
	7142	204.80	206.40	0.032	<0.5	6.58	<5	200	0.9	<2	1.26	<0.5	4	10	16	2.44	20	0.45	30	0.27	329	3	4.67	5	520	6	0.96	<5	4	154	<20	0.1	<10	<10	21	10	35
	7143	232.45	234.10	0.012	<0.5	6.54	<5	530	1.5	<2	1.63	<0.5	5	21	20	2.82	20	1.9	30	0.47	375	3	2.78	14	370	11	0.08	<5	6	144	<20	0.26	10	<10	24	<10	66
	7144	234.10	235.10	0.037	0.06	7	0.8	510	1.66	0.15	3.89	0.05	20.9	84	35	4.77	19.85	2.3	18.3	1.96	778	1.58	2.23	71.4	700	6.2	0.12	0.19	12	246	3.8	0.519	0.52	1	96	3.5	80
	7145	235.10	236.10	0.013	<0.5	7.04	<5	500	1.3	<2	3.72	<0.5	21	85	31	5.05	20	2.68	20	2.19	757	2	2.06	76	730	9	0.12	<5	12	268	<20	0.54	<10	<10	100	<10	80
	7146	236.10	237.10	0.158	<0.5	6	<5	410	1.9	<2	2.09	<0.5	18	52	226	6.57	20	1.98	10	1.02	369	12	1.78	40	390	6	1.7	<5	11	146	<20	0.2	<10	<10	76	10	33
	7147	237.10	238.10	0.086	<0.5	4.69	<5	360	2.2	<2	1.47	<0.5	20	35	406	9.82	10	2.14	10	0.91	280	1	1.13	34	380	11	3.67	<5	5	97	<20	0.12	<10	<10	41	<10	22
	7148	238.10	239.50	0.046	0.7	1.54	10	80	0.9	2	1.08	<0.5	34	25	225	14.85	10	0.63	10	0.88	309	1	0.17	49	210	4	5.91	<5	4	27	<20	0.05	<10	<10	33	<10	16
	7149	239.50	240.65	0.203	<0.5	3.78	37	220	2.2	2	4.48	<0.5	10	37	116	8.41	10	1.16	10	1.69	585	5	0.22	22	300	5	1.56	<5	8	160	<20	0.16	<10	10	74	10	35
	7150	240.65	241.90	0.023	<0.5	2.32	14	50	2.4	3	1.69	0.5	6	27	57	12	10	0.45	10	1.61	515	1	0.2	10	250	3	0.9	<5	5	56	<20	0.09	<10	<10	38	<10	27
	7151	241.90	243.00	0.034	<0.5	2.48	36	80	2.2	2	1.32	0.6	7	29	47	14.4	10	0.93	10	1.97	485	1	0.06	14	360	6	0.86	<5	4	46	<20	0.11	<10	<10	40	<10	32
	7152	243.00	244.00	0.073	0.08	2.65	72.1	90	2.1	0.27	1.34	0.04	8.6	23	60.3	14.35	7.33	1.14	11.2	1.96	506	0.88	0.08	15.4	370	1.9	1.41	0.5	4.8	50.2	1.6	0.115	0.36	0.4	44	1.5	31
	7153	244.00	245.00	0.023	<0.5	1.75	19	60	2.2	2	1.36	<0.5	5	15	48	15.35	10	0.75	10	2.1	487	1	0.03	8	400	4	0.9	<5	3	41	<20	0.07	<10	<10	28	<10	32
	7154	245.00	246.00	0.03	<0.5	1.19	20	40	2.2	2	1.16	<0.5	4	16	23	17.35	10	0.54	10	2.29	430	<1	0.02	3	330	4	0.44	<5	3	46	<20	0.05	<10	<10	22	<10	25
	7155	246.00	247.00	0.018	<0.5	4.53	13	300	1.8	<2	2.04	<0.5	6	30	17	11.4	10	2.08	30	1.94	467	1	0.22	9	380	8	0.31	<5	7	122	<20	0.15	<10	<10	37	<10	30
	7156	247.00	248.00	0.014	<0.5	1.9	<5	80	2	3	0.96	<0.5	4	20	83	12.6	<10	0.82	10	1.46	418	1	0.12	8	580	3	1.31	<5	3	57	<20	0.06	<10	<10	18	<10	4



DDH ID	TR15-03	Azimuth (True)	180
Company ID	China Metallurgical Exploration Corp.	Dip	-45
Property	Triumph (previously Field Goal 2)	Length (m)	276
UTM East	475745	Start Date	28-Jun-15
UTM North	5725047	Finish Date	30-Jun-15
UTM Zone	16U	Mining Claim	4276914
Datum	NAD83	Area	Calamity Lake
RL (m)	290	Mining Division	Thunder Bay

Survey		
Depth (m)	21	Dip
		Azimuth (True)
		bad reading
	72	184.3
	123	191.0
	174	205.5
	225	205.0
	276	bad reading

Drill Contractor	Orbit Garant Drilling Inc.
Drill Type	Longyear 38
Rig/Unit #	SH-27
Core Size	NQ
Casing	19.5 metres, removed
Logged by	Ian Trinder, M.Sc., P.Geo.
Log Start	30-Jun-15
Log Finish	02-Jul-15

Purpose Test VTEM Conductor FG2-2 (2013 Geotech anomaly L4260D). Conductor explained by Silicate and Chert-(Magnetite) Iron Formation with Po-Py stringers

Core Storage At drill site: UTM 475725E, 5725031N except 14 boxes (39-42, 44, 51-57 and 60-61) which are stored at Clark Exploration Consulting Inc., 1000 Alloy Drive, Thunder Bay, Ontario, P7B 6A5

DDH ID	Sample	From_m	To_m	Ce ppm	Cs ppm	Ge ppm	Hf ppm	In ppm	Li ppm	Nb ppm	Rb ppm	Re ppm	Se ppm	Sn ppm	Ta ppm	Te ppm	Y ppm	Zr ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Yb ppm	Certificate	Lab	Date				
TR15-03	7123	180.50	181.30																													TB15103419	ALS Global	2015-07-31			
	7124	181.30	182.10																														TB15103419	ALS Global	2015-07-31		
	7125	182.10	183.00																														TB15103419	ALS Global	2015-07-31		
	7126	183.00	184.40																														TB15103419	ALS Global	2015-07-31		
	7127	184.40	185.30																														TB15103419	ALS Global	2015-07-31		
	7128	185.30	186.50																														TB15103419	ALS Global	2015-07-31		
	7129	186.50	187.50																														TB15103419	ALS Global	2015-07-31		
	7130	187.50	188.50	34.2	1.71	0.13	3.2	0.051	13.8	4.4	44.6	0.008	4	1	0.39	1.07	10.5	124.5	2.02	1.19	0.91	2.22	0.37	0.19	15.6	3.95	3.04	0.31	0.17	1.27	TB15103419	ALS Global	2015-07-31				
	7131	188.50	189.50																														TB15103419	ALS Global	2015-07-31		
	7132	189.50	190.50																														TB15103419	ALS Global	2015-07-31		
	7133	190.50	191.50																														TB15103419	ALS Global	2015-07-31		
	7134	191.50	192.50																														TB15103419	ALS Global	2015-07-31		
	7135	192.50	194.00																														TB15103419	ALS Global	2015-07-31		
	7136	194.00	195.00																														TB15103419	ALS Global	2015-07-31		
	7137	195.00	196.50																															TB15103419	ALS Global	2015-07-31	
	7138	196.50	197.65																															TB15103419	ALS Global	2015-07-31	
	7139	202.00	202.70	94.5	1.53	0.19	6.5	0.057	15.6	23.2	66.8	<0.002	1	2.5	1.56	0.09	23.1	203	5.21	2.75	1.32	6.48	0.91	0.35	44.6	10.8	8.79	0.86	0.37	2.6	TB15103419	ALS Global	2015-07-31				
	7140	202.70	203.50																															TB15103419	ALS Global	2015-07-31	
	7141	203.50	204.80																															TB15103419	ALS Global	2015-07-31	
	7142	204.80	206.40																															TB15103419	ALS Global	2015-07-31	
	7143	232.45	234.10																															TB15103419	ALS Global	2015-07-31	
	7144	234.10	235.10	40.5	4.2	0.17	5.2	0.055	24.6	12.8	72.7	<0.002	1	2.8	0.82	0.06	16.5	202	3.47	1.99	1.05	3.82	0.63	0.26	20.9	4.77	4.46	0.53	0.26	1.86	TB15103419	ALS Global	2015-07-31				
	7145	235.10	236.10																															TB15103419	ALS Global	2015-07-31	
	7146	236.10	237.10																																TB15103419	ALS Global	2015-07-31
	7147	237.10	238.10																																TB15103419	ALS Global	2015-07-31
	7148	238.10	239.50																																TB15103419	ALS Global	2015-07-31
	7149	239.50	240.65																																TB15103419	ALS Global	2015-07-31
	7150	240.65	241.90																																TB15103419	ALS Global	2015-07-31
	7151	241.90	243.00																																TB15103419	ALS Global	2015-07-31
	7152	243.00	244.00	22.6	5.26	0.14	1.4	0.085	12.6	1.9	79.5	0.002	3	1.2	0.12	0.4	15.1	57	2.85	1.86	1.79	2.76	0.56	0.29	12.5	2.82	2.71	0.43	0.27	1.99	TB15103419	ALS Global	2015-07-31				
	7153	244.00	245.00																																TB15103419	ALS Global	2015-07-31
	7154	245.00	246.00																																TB15103419	ALS Global	2015-07-31
	7155	246.00	247.00																																TB15103419	ALS Global	2015-07-31
	7156	247.00	248.00																																TB15103419	ALS Global	2015-07-31
	7157	248.00	248.75																																TB15103419	ALS Global	2015-07-31
	7158	248.75	250.00																																TB15103419	ALS Global	2015-07-31
	7159	250.00	251.00																																TB15103419	ALS Global	2015-07-31
	7160	251.00	252.00																																TB15103419	ALS Global	2015-07-31
	7161	252.00	253.00																																TB15103419	ALS Global	2015-07-31
	7162	253.00	254.00																																TB15103419	ALS Global	2015-07-31
	7163	254.00	255.00																																TB15103419	ALS Global	2015-07-31
	7164	255.00	256.00																																TB15103419	ALS Global	2015-07-31
	7165	256.00	257.00	13.1	2.53	0.15	0.3	0.028	4	0.6	10.6	<0.002	1	1.1	<0.05	0.06	15.2	12.1	2.19	1.55	1.43	2.08	0.46	0.24	7.4	1.61	1.79	0.29	0.22	1.6	TB15103419	ALS Global	2015-07-31				
	7166	257.00	258.00																																TB15103419	ALS Global	2015-07-31
	7167	258.00	258.95																																TB15103419	ALS Global	2015-07-31
	7168	258.95	260.00																																TB15103419	ALS Global	2015-07-31
	7169	260.00	261.00																																TB15103419	ALS Global	2015-07-31
	7170	261.00	262.50																																TB15103419	ALS Global	2015-07-31
	7171	270.85	272.00																																TB15103419	ALS Global	2015-07-31
	7172	272.00	273.00																																TB15103419	ALS Global	2015-07-31
	7173	273.00	274.50	22.4	2.25	0.11	0.8	0.097	9	1.6	8.3	<0.002	2	1.3	0.1	0.16	15.6	32.7	2.87	1.86	1.99	2.75	0.57	0.29	12.7	2.85	2.95	0.4	0.27	1.99	TB1510341						

FOLIATION

DDH ID	Depth (m)	Angle	Comments
TR15-03	21.00	52	Angle to long core axis
TR15-03	24.00	50	
TR15-03	27.00	47	
TR15-03	30.00	50	
TR15-03	33.00	55	
TR15-03	36.00	52	
TR15-03	39.00	55	
TR15-03	42.00	50	
TR15-03	45.00	50	
TR15-03	48.00	50	
TR15-03	51.00	48	
TR15-03	54.00	55	
TR15-03	57.00	45	
TR15-03	60.00	55	
TR15-03	63.00	50	
TR15-03	66.00	55	
TR15-03	69.00	55	
TR15-03	72.00	50	
TR15-03	75.00	52	
TR15-03	78.00	50	
TR15-03	81.00	55	
TR15-03	84.00	50	
TR15-03	87.00	45	
TR15-03	90.00	50	
TR15-03	93.00	50	
TR15-03	96.00	50	
TR15-03	99.00	50	
TR15-03	102.00	45	
TR15-03	105.00	50	
TR15-03	108.00	47	Weak
TR15-03	111.00	50	Weak
TR15-03	114.00	47	Weak
TR15-03	117.00	50	Weak
TR15-03	120.00	50	Weak
TR15-03	123.00	50	Weak
TR15-03	126.00	47	
TR15-03	129.00	40	
TR15-03	132.00	50	
TR15-03	135.00	55	
TR15-03	138.00	40	
TR15-03	141.00	50	
TR15-03	144.00	47	
TR15-03	147.00	55	
TR15-03	150.00	55	
TR15-03	153.00	53	
TR15-03	156.00	55	
TR15-03	159.00	55	
TR15-03	162.00	58	Lamination
TR15-03	165.00	55	Weak
TR15-03	168.00	55	Weak
TR15-03	171.00		Massive?
TR15-03	174.00	50	
TR15-03	177.00	15	
TR15-03	180.00		Massive?
TR15-03	183.00	20	Lamination
TR15-03	186.00	10	Lamination
TR15-03	189.00	5	Lamination
TR15-03	192.00	0-25	Lamination
TR15-03	195.00	0-25	Lamination
TR15-03	198.00	55	Lineation

FOLIATION

DDH ID	Depth (m)	Angle	Comments
TR15-03	201.00	60	Lineation/Foliation
TR15-03	204.00	60	Lineation/Foliation
TR15-03	207.00	55	Lineation/Foliation
TR15-03	210.00	55	Lineation/Foliation
TR15-03	213.00	60	Lineation/Foliation
TR15-03	216.00	60	Lineation/Foliation
TR15-03	219.00	60	Lineation/Foliation
TR15-03	222.00	55	Lineation/Foliation
TR15-03	225.00	55	Lineation/Foliation
TR15-03	228.00	57	Lineation/Foliation
TR15-03	231.00	55	
TR15-03	234.00	53	
TR15-03	237.00	55	
TR15-03	240.00	40	Lamination
TR15-03	243.00	0-45	Contorted lamination
TR15-03	246.00	0-10	Lamination
TR15-03	249.00	50	Lamination
TR15-03	252.00	20-50	Lamination
TR15-03	255.00	10	Lamination
TR15-03	258.00	5-35	Contorted lamination
TR15-03	261.00	60	Lineation/Foliation
TR15-03	264.00	10-35	Lamination
TR15-03	267.00	50	Lineation/Foliation
TR15-03	270.00	60	Lineation/Foliation
TR15-03	273.00	45	Lamination
TR15-03	276.00		Contorted lamination

RECOVERY

DDH ID	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)
TR15-03	17.80	19.50	1.70	1.70	100
TR15-03	19.50	21.00	1.50	0.35	23
TR15-03	21.00	24.00	3.00	2.75	92
TR15-03	24.00	27.00	3.00	2.95	98
TR15-03	27.00	30.00	3.00	2.93	98
TR15-03	30.00	33.00	3.00	3.00	100
TR15-03	33.00	36.00	3.00	3.00	100
TR15-03	36.00	39.00	3.00	3.00	100
TR15-03	39.00	42.00	3.00	3.00	100
TR15-03	42.00	45.00	3.00	2.40	80
TR15-03	45.00	48.00	3.00	2.90	97
TR15-03	48.00	51.00	3.00	2.80	93
TR15-03	51.00	54.00	3.00	3.00	100
TR15-03	54.00	57.00	3.00	3.05	102
TR15-03	57.00	60.00	3.00	3.00	100
TR15-03	60.00	63.00	3.00	2.00	67
TR15-03	63.00	66.00	3.00	2.70	90
TR15-03	66.00	69.00	3.00	2.90	97
TR15-03	69.00	72.00	3.00	3.00	100
TR15-03	72.00	75.00	3.00	3.00	100
TR15-03	75.00	78.00	3.00	2.95	98
TR15-03	78.00	81.00	3.00	3.05	102
TR15-03	81.00	84.00	3.00	3.00	100
TR15-03	84.00	87.00	3.00	2.95	98
TR15-03	87.00	90.00	3.00	3.05	102
TR15-03	90.00	93.00	3.00	3.00	100
TR15-03	93.00	96.00	3.00	3.00	100
TR15-03	96.00	99.00	3.00	3.00	100
TR15-03	99.00	102.00	3.00	3.00	100
TR15-03	102.00	105.00	3.00	3.00	100
TR15-03	105.00	108.00	3.00	3.00	100
TR15-03	108.00	111.00	3.00	3.00	100
TR15-03	111.00	114.00	3.00	3.00	100
TR15-03	114.00	117.00	3.00	3.00	100
TR15-03	117.00	120.00	3.00	3.00	100
TR15-03	120.00	123.00	3.00	3.00	100
TR15-03	123.00	126.00	3.00	3.00	100
TR15-03	126.00	129.00	3.00	3.00	100
TR15-03	129.00	132.00	3.00	3.00	100
TR15-03	132.00	135.00	3.00	3.00	100
TR15-03	135.00	138.00	3.00	3.00	100
TR15-03	138.00	141.00	3.00	3.00	100
TR15-03	141.00	144.00	3.00	3.00	100
TR15-03	144.00	147.00	3.00	3.00	100
TR15-03	147.00	150.00	3.00	3.00	100
TR15-03	150.00	153.00	3.00	3.00	100
TR15-03	153.00	156.00	3.00	3.00	100
TR15-03	156.00	159.00	3.00	3.00	100
TR15-03	159.00	162.00	3.00	3.00	100
TR15-03	162.00	165.00	3.00	3.00	100
TR15-03	165.00	168.00	3.00	3.00	100
TR15-03	168.00	171.00	3.00	3.00	100
TR15-03	171.00	174.00	3.00	3.00	100
TR15-03	174.00	177.00	3.00	3.00	100
TR15-03	177.00	180.00	3.00	3.00	100
TR15-03	180.00	183.00	3.00	3.00	100
TR15-03	183.00	186.00	3.00	3.00	100
TR15-03	186.00	189.00	3.00	3.00	100
TR15-03	189.00	192.00	3.00	3.00	100
TR15-03	192.00	195.00	3.00	3.00	100

RECOVERY

DDH ID	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)
TR15-03	195.00	198.00	3.00	3.00	100
TR15-03	198.00	201.00	3.00	3.00	100
TR15-03	201.00	204.00	3.00	3.00	100
TR15-03	204.00	207.00	3.00	3.00	100
TR15-03	207.00	210.00	3.00	3.00	100
TR15-03	210.00	213.00	3.00	3.00	100
TR15-03	213.00	216.00	3.00	3.00	100
TR15-03	216.00	219.00	3.00	3.00	100
TR15-03	219.00	222.00	3.00	3.05	102
TR15-03	222.00	225.00	3.00	3.00	100
TR15-03	225.00	228.00	3.00	3.00	100
TR15-03	228.00	231.00	3.00	3.00	100
TR15-03	231.00	234.00	3.00	3.00	100
TR15-03	234.00	237.00	3.00	3.00	100
TR15-03	237.00	240.00	3.00	3.00	100
TR15-03	240.00	243.00	3.00	3.00	100
TR15-03	243.00	246.00	3.00	3.00	100
TR15-03	246.00	249.00	3.00	3.00	100
TR15-03	249.00	252.00	3.00	3.00	100
TR15-03	252.00	255.00	3.00	3.00	100
TR15-03	255.00	258.00	3.00	3.00	100
TR15-03	258.00	261.00	3.00	3.00	100
TR15-03	261.00	264.00	3.00	3.05	102
TR15-03	264.00	267.00	3.00	2.95	98
TR15-03	267.00	270.00	3.00	3.00	100
TR15-03	270.00	273.00	3.00	3	100
TR15-03	273.00	276.00	3.00	3	100

Box

DDH ID	Box	From (m)	To (m)	Length (m)
TR15-03	1	17.80	22.20	4.40
TR15-03	2	22.20	26.65	4.45
TR15-03	3	26.65	30.85	4.20
TR15-03	4	30.85	35.20	4.35
TR15-03	5	35.20	39.45	4.25
TR15-03	6	39.45	44.25	4.80
TR15-03	7	44.25	48.45	4.20
TR15-03	8	48.45	52.65	4.20
TR15-03	9	52.65	56.90	4.25
TR15-03	10	56.90	61.00	4.10
TR15-03	11	61.00	66.00	5.00
TR15-03	12	66.00	69.75	3.75
TR15-03	13	69.75	74.00	4.25
TR15-03	14	74.00	78.20	4.20
TR15-03	15	78.20	82.50	4.30
TR15-03	16	82.50	86.80	4.30
TR15-03	17	86.80	90.95	4.15
TR15-03	18	90.95	95.30	4.35
TR15-03	19	95.30	99.55	4.25
TR15-03	20	99.55	103.90	4.35
TR15-03	21	103.90	108.20	4.30
TR15-03	22	108.20	112.55	4.35
TR15-03	23	112.55	116.75	4.20
TR15-03	24	116.75	121.05	4.30
TR15-03	25	121.05	125.30	4.25
TR15-03	26	125.30	129.65	4.35
TR15-03	27	129.65	133.95	4.30
TR15-03	28	133.95	138.15	4.20
TR15-03	29	138.15	142.50	4.35
TR15-03	30	142.50	146.80	4.30
TR15-03	31	146.80	151.10	4.30
TR15-03	32	151.10	155.30	4.20
TR15-03	33	155.30	159.50	4.20
TR15-03	34	159.50	163.65	4.15
TR15-03	35	163.65	167.85	4.20
TR15-03	36	167.85	171.95	4.10
TR15-03	37	171.95	176.20	4.25
TR15-03	38	176.20	180.50	4.30
TR15-03	39	180.50	184.85	4.35
TR15-03	40	184.85	189.05	4.20
TR15-03	41	189.05	193.35	4.30
TR15-03	42	193.35	197.60	4.25
TR15-03	43	197.60	201.95	4.35
TR15-03	44	201.95	206.40	4.45
TR15-03	45	206.40	210.80	4.40
TR15-03	46	210.80	215.15	4.35
TR15-03	47	215.15	219.45	4.30
TR15-03	48	219.45	223.75	4.30
TR15-03	49	223.75	228.10	4.35
TR15-03	50	228.10	232.45	4.35
TR15-03	51	232.45	236.85	4.40
TR15-03	52	236.85	241.20	4.35
TR15-03	53	241.20	245.50	4.30
TR15-03	54	245.50	249.75	4.25
TR15-03	55	249.75	254.10	4.35
TR15-03	56	254.10	258.40	4.30
TR15-03	57	258.40	262.45	4.05
TR15-03	58	262.45	266.65	4.20
TR15-03	59	266.65	270.85	4.20
TR15-03	60	270.85	275.00	4.15
TR15-03	61	275.00	276.00	1.00

DDH ID	TR15-04	Azimuth (True)	240	Survey			Drill Contractor	Orbit Garant Drilling Inc.
Company ID	China Metallurgical Exploration Corp.	Dip	-45	Depth (m)	Dip	Azimuth (True)	Drill Type	Longyear 38
Property	Triumph (previously Field Goal 2)	Length (m)	225	225	-34.4	244.4	Rig/Unit #	SH-27
UTM East	475742	Start Date	01-Jul-15				Core Size	NQ
UTM North	5725049	Finish Date	03-Jul-15				Casing	19.5 metres, not removed
UTM Zone	16U	Mining Claim	4276914				Logged by	Ian Trinder, M.Sc., P.Geo.
Datum	NAD83	Area	Calamity Lake				Log Start	02-Jul-15
RL (m)	290	Mining Division	Thunder Bay				Log Finish	04-Jul-15
Purpose	Test VTEM Conductor FG2-2 (2013 Geotech anomaly T4830B). Conductor explained by Silicate and Chert-(Magnetite) Iron Formation with Po-Py stringers							
Core Storage	At drill site: UTM 475725E, 5725031N except 11 boxes (5-6, 19-23, 26-27 and 30-31) which are stored at Clark Exploration Consulting Inc., 1000 Alloy Drive, Thunder Bay, Ontario, P7B 6A5							

DDH ID	MAJOR UNITS						MINOR UNITS					
	From (m)	To (m)	Length (m)	Rock Code	Rock	Description	From (m)	To (m)	Length (m)	Minor Rock Code	Minor Rock	Minor Description
TR15-04	0.00	1.50	1.50	CAS	Casing	NWL casing to 19.5m						
	1.50	19.40	17.90	OVB	Overburden	Cased, approximately 0.4 metres of granitic to mafic volcanic cobbles/boulders recovered						
	19.40	98.10	78.70	MI	Mafic Intrusive	Diorite/gabbro dyke/sill. Fine to medium grained (</=1mm) salt and pepper texture (amphibole and feldspar) groundmass. Weakly to moderately foliated but difficult to see because of shallow angle of drill azimuth relative to foliation strike/dip. The lineation of amphibole mineral grains is evident but when core rotated 90 degrees the rock appears somewhat equigranular. Minor quartz-carbonate veinlets 15 to 40 LCA. Generally non magnetic to patchy weakly magnetic except moderately magnetic from 40.8-44.2m due to 2-3% disseminated Po. Overall trace to 1% Po-Py-Marcasite disseminated and on fracture planes.	40.80 48.60	44.20 61.20	3.40 12.60	MI MI	Mafic Intrusive Mafic Intrusive	2-3% disseminated Po Rock gradationally coarsens up to 0.5cm pyroxene? porphyroblasts and 25-30% 2-3mm amphibole clots in fine grained groundmass. Generally retains a salt and pepper fabric but locally coarser resembling the coarse gabbro/pyroxenite in TR15-03.
							53.25 85.80	56.60 87.50	3.35 1.70		Felsic Dyke	Coarsest "gabbro/pyroxenite" section. Very fine grained felsic dyke with ~5% 1-5mm pink garnet. Upper and lower contacts 30 LCA
							89.15 97.80	89.30 98.10	0.15 0.30		Felsic Dyke	Very fine grained felsic dyke - no garnet. Upper and lower contacts 30 LCA Chloritic, foliated baked margin with ~10 boudinaged quartz veining. Foliation 50 LCA.
	98.10	110.25	12.15	FD	Felsic Dyke	Very fine grained light grey groundmass locally appears feldspar porphyritic. Compositionally banded with locally increased mafic/biotite content (possibly xenoliths or contamination?). Groundmass appears to be variably silicified. Several bull white quartz veins up to 20 cm thick.	102.15 103.10 104.00	102.90 103.40 109.65	0.75 0.30 5.65			Possible very fine grained mafic xenolith. Upper and lower contacts ~45 LCA. Possible very fine grained mafic xenolith. Upper and lower contacts ~45 LCA. Core is extremely rubbly and broken. Weak to moderate patchy salmon colored K-spar alteration (or hematization?). Hosts 2-3% disseminated pyrite. Appears to have been brecciated the partially silicified/alterd. Possibly a favourable environment for gold mineralization?
	110.25	113.60	3.35	SIFEFM	Silicate Iron Formation	Alternating light grey cherty bands/beds/laminae up to several centimetres thick and magnetic garnetiferous biotitic-chloritic beds/laminae. Lower 60 centimetres of section contains several magnetite bands. Laminae at 50 LCA. Overall 2-3% Po/Py. Upper and lower contacts broken.						up to 5-10% Po-Py in and around a 10 cm thick quartz vein



DDH ID	MAJOR UNITS						MINOR UNITS					
	From (m)	To (m)	Length (m)	Rock Code	Rock	Description	From (m)	To (m)	Length (m)	Minor Rock Code	Minor Rock	Minor Description
TR15-04	113.60	126.65	13.05	MI	Mafic Intrusive	Diorite/gabbro dyke/sill. Fine grained (<=1mm) salt and pepper texture (amphibole and feldspar) groundmass. Pervasive weak to moderate biotite alteration. Upper 25cm is silicified and very fine grained. Weakly to moderately foliated 50 LCA but difficult to see because of shallow angle of drill azimuth relative to foliation strike/dip. The lineation of amphibole mineral grains is evident but when core rotated 90 degrees the rock appears somewhat equigranular. Generally non magnetic to patchy weakly magnetic due to Po. Overall trace to 1% Po-Py-Marcasite on fracture planes. Upper contact broken, lower contact 60 LCA.						
	126.65	128.30	1.65	SIFEFM	Silicate Iron Formation	Alternating light grey cherty bands/beds/laminae and magnetic garnetiferous biotitic-chloritic beds/laminae up to 5cm thick but generally <1 cm thick. Minor Magnetite laminae often associated with the mafic laminae/beds. 5-10% Po in laminae and crosscutting stringers. Upper contact 60 LCA, lower contact 70 LCA marked by 3 cm thick quartz vein.						
	128.30	145.35	17.05	MV	Mafic Metavolcanic	Very fine grained mafic flow? Light green-grey generally massive groundmass cut by faint amphibole-rich possible pillow selvages (2-5mm thick). Local patches/veinlets of quartz-carbonate+/-Po often associated with the possible selvages. Faint pillow/fragment-like shapes up to +/-10cm in maximum dimension. Overall trace-1% Po.						
	145.35	148.45	3.10	MSED	Metasediment	Very fine grained greywacke/siliceous? metasediment. Weakly banded/bedded 1-2cm to 30cm thick. Minor quartz-carbonate veinlets subparallel foliation. Overall 2-3% Po locally concentrated up to 10-15% Po in foliation parallel laminations and crosscutting stringers. Trace chalcopyrite in stringers up to 1mmx20mm - eg. 148.20m. Upper contact 42 LCA lower contact gradational 55 LCA.						
	148.45	190.40	41.95	MV	Mafic Metavolcanic	Very fine grained mafic flow(s), light-medium green-grey generally massive groundmass cut by faint amphibole-rich patches/laminations - possible pillow selvages (2-5mm thick). Local patches/veinlets of quartz-carbonate+/-pink garnet+/-Po often associated with the possible selvages. Faint pillow/fragment-like shapes up to +/-10cm in maximum dimension. Very local pervasive biotite in groundmass. Lower 30cm of interval is a biotitic "baked margin" to underlying feldspar porphyry dyke. Overall trace-1% Po.	150.35	150.90	0.55	FP	Feldspar Porphyry Dyke	Medium grey feldspar porphyry dike with ~20%1-1.5mm feldspar phenocrysts in aphanitic groundmass. Upper contact 60 LCA, lower contact 55 LCA.
							151.30	154.50	3.20	MV	Mafic Metavolcanic	up to 10cm diameter patches in the mafic metavolcanic groundmass containing ~20% 1-2mm white amydules? - possibly pillow cores?
							170.20	172.10	1.90	MV	Mafic Metavolcanic	possible flow breccia or pseudobreccia. Quartz-carbonate+/- garnet matrix hosts subangular to subrounded mafic metavolcanic fragments <1cm to 10cm diameter.
							179.05	182.60	3.55	MV	Mafic Metavolcanic	Mafic flow core or diorite/gabbro subvolcanic dyke/sill. 20-30% 1-2mm amphibole in fine grained (<1mm) massive, salt and pepper texture (amphibole and feldspar) groundmass. Gradational upper and lower contact.
	190.40	194.15	3.75	FP	Feldspar Porphyry Dyke	Medium to dark grey aphanitic to very fine grained felsic to intermediate groundmass with ~5% biotite/minor muscovite hosts 20-30% feldspar lineated phenocrysts stretched into plane of foliation. Phenocrysts are 1-2mm in cross-section and up to 10-15mm in length. Non-magnetic. Trace pyrite on fractures and as very fine disseminations. Upper contact 55; lower contact 60.						
	194.15	225.00	30.85	MI	Mafic Intrusive	Diorite/gabbro dyke/sill. Fine-medium grained (<1-2mm) salt and pepper texture (amphibole and feldspar) groundmass grading downhole to coarse grained gabbro/pyroxenite. Upper 50cm of interval is a very fine grained biotitic "baked margin" to overlying feldspar porphyry dyke. Coarse grained gabbro/pyroxenite comprises 30-40% light green-grey +/-1cm pyroxene? in finer grained amphibole rich groundmass. Trace Po-Py as disseminated grains and on fractures. Generally non magnetic. Patchy weakly magnetic due to trace disseminated Po.	205.90					minor 1-3mm thick quartz-tourmaline? Veinlet with 10-15% <1mm-2mm arsenopyrite grains.



DDH ID	MAJOR UNITS						MINOR UNITS					
	From (m)	To (m)	Length (m)	Rock Code	Rock	Description	From (m)	To (m)	Length (m)	Minor Rock Code	Minor Rock	Minor Description
TR15-04							210.85	211.15	0.30	QV	Quartz Vein	Bull white quartz vein with dark grey quartz core. Trace pyrite. Black tourmaline?-rich 0.5 to 1cm thick selvage. Upper and lower contacts 25 LCA.
							221.25	221.60	0.35	QV	Quartz Vein	Bull white quartz vein, lower 5cm is dark grey quartz. Black tourmaline?-rich 0.5 to 1cm thick selvage. Upper and lower contacts 25 LCA



DDH ID TR15-04 **Azimuth (True)** 240
Company ID China Metallurgical Exploration Corp. **Dip** -45
Property Triumph (previously Field Goal 2) **Length (m)** 225
UTM East 475742 **Start Date** 01-Jul-15
UTM North 5725049 **Finish Date** 03-Jul-15
UTM Zone 16U **Mining Claim** 4276914
Datum NAD83 **Area** Calamity Lake
RL (m) 290 **Mining Division** Thunder Bay

Survey
Depth (m) 225 **Dip** -34.4 **Azimuth (True)** 244.4

Drill Contractor Orbit Garant Drilling Inc.
Drill Type Longyear 38
Rig/Unit # SH-27
Core Size NQ
Casing 19.5 metres, not removed
Logged by Ian Trinder, M.Sc., P.Geo.
Log Start 02-Jul-15
Log Finish 04-Jul-15

Purpose Test VTEM Conductor FG2-2 (2013 Geotech anomaly T48308). Conductor explained by Silicate and Chert-(Magnetite) Iron Formation with Po-Py stringers

Core Storage At drill site: UTM 475725E, 5725031N except 11 boxes (5-6, 19-23, 26-27 and 30-31) which are stored at Clark Exploration Consulting Inc., 1000 Alloy Drive, Thunder Bay, Ontario, P7B 6A5

DDH_ID	Sample	From_m	To_m	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR15-04	7175	37.45	39.15	<0.005	0.02	6.64	<0.2	10	0.31	0.02	6.43	0.09	48.3	14	116	10.1	19.25	0.12	2.9	3.5	1600	0.28	1.58	40.4	340	<0.5	0.15	0.12	48	77.3	0.3	0.749	<0.02	0.1	379	0.4	93
	7176	39.15	40.80	<0.005	<0.5	6.04	6	20	0.5	<2	6.16	<0.5	57	4	95	13.15	30	0.18	<10	2.96	1740	1	1.5	31	530	7	0.22	<5	51	92	<20	1.19	<10	<10	559	<10	117
	7177	40.80	42.50	<0.005	<0.5	6.37	<5	30	0.5	4	5.71	<0.5	53	6	130	13.1	20	0.19	<10	2.77	1820	1	1.7	27	580	4	0.58	<5	48	101	<20	1.08	10	<10	459	<10	122
	7178	42.50	44.20	<0.005	0.09	6.61	0.9	20	0.43	0.19	6.14	0.1	51.9	9	133.5	12.3	21.3	0.17	4.2	3.13	1740	0.25	1.71	30.5	550	0.9	0.74	0.13	49.2	108	0.5	1.02	0.02	0.1	446	0.8	109
	7179	44.20	46.10	<0.005	<0.5	6.38	<5	20	<0.5	3	6.4	<0.5	50	10	92	11.85	20	0.19	<10	3.17	1680	<1	1.47	33	470	5	0.23	<5	48	94	<20	0.96	<10	<10	425	<10	109
	7180	96.95	98.10	0.008	<0.5	7.78	<5	40	<0.5	<2	7.55	<0.5	54	173	96	9.3	20	0.41	<10	4.59	1360	1	1.81	137	320	5	0.02	<5	39	175	<20	0.58	<10	<10	283	<10	91
	7181	98.10	99.60	<0.005	<0.5	6.95	<5	200	0.9	3	2.9	<0.5	16	69	46	3.29	20	1.9	10	1.38	560	1	2.41	54	690	5	0.08	<5	9	181	<20	0.28	<10	<10	78	<10	79
	7182	99.60	101.10	<0.005	0.05	7.2	0.5	410	1.51	0.09	2.55	0.1	12.1	46	11.2	2.68	18.8	2.3	24.8	1.07	444	1.07	2.52	33	620	8	0.05	0.11	7.6	242	8	0.262	0.48	1.6	62	1.6	101
	7183	101.10	102.15	0.035	<0.5	5.93	<5	260	1.2	<2	1.97	<0.5	16	50	20	3.15	20	1.8	20	0.93	357	2	2.14	43	510	8	0.23	<5	7	269	<20	0.22	10	<10	52	<10	138
	7184	102.15	103.40	0.03	<0.5	7.68	<5	720	1.4	<2	4.5	<0.5	29	183	59	4.96	20	2.03	40	3.46	723	2	2.99	166	1360	13	0.44	<5	14	1020	<20	0.4	<10	<10	118	10	108
	7185	103.40	105.00	0.039	<0.5	6.16	<5	570	1.1	<2	2.07	<0.5	13	41	59	3.64	20	1.9	10	1.16	432	2	2.41	38	450	13	0.28	<5	7	213	<20	0.29	<10	<10	48	<10	162
	7186	105.00	106.50	0.033	0.11	6.04	1.4	440	1.03	0.06	2.08	0.05	3.9	9	21.6	2.56	17.8	1.33	20.2	0.4	295	2.53	3.02	5.6	320	5.8	0.19	0.15	4.4	102	7.9	0.212	0.12	1.6	17	3	29
	7187	106.50	108.00	0.014	<0.5	5.85	<5	470	1.2	<2	2.74	<0.5	4	9	14	2.62	20	1.83	10	0.48	301	3	2.76	6	320	6	0.13	<5	4	97	<20	0.22	<10	<10	15	<10	45
	7188	108.00	109.65	0.011	<0.5	6.13	<5	640	1.2	<2	4.38	0.6	12	81	24	3.47	20	2.01	20	1.7	473	3	2.25	60	600	10	0.39	<5	7	232	<20	0.24	<10	<10	46	<10	263
	7189	109.65	110.25	0.067	<0.5	6.67	<5	700	1.5	<2	3.39	<0.5	20	72	23	4.82	20	2.71	20	1.73	678	2	1.49	66	630	11	0.09	<5	12	258	<20	0.46	<10	<10	86	10	73
	7190	110.25	110.65	0.143	0.7	2.29	<5	130	1.3	<2	1.25	<0.5	25	26	210	7.16	10	0.7	10	0.8	437	3	0.51	27	200	7	3.37	<5	5	72	<20	0.08	<10	<10	43	<10	31
	7191	110.65	112.10	0.198	0.59	4.22	2.4	210	1.9	0.32	3.02	1.42	12.7	56	45.7	9.7	10.85	0.74	17.3	2.6	634	1.81	0.58	34.1	550	8.2	0.96	0.21	8.2	296	3.7	0.23	0.21	0.9	79	1.3	632
	7192	112.10	113.60	0.279	<0.5	1.61	<5	80	2.2	5	2.78	<0.5	8	29	63	15.05	10	0.2	10	3.39	536	<1	0.21	18	790	8	1.1	<5	4	100	<20	0.07	<10	10	57	<10	37
	7193	113.60	114.90	<0.005	<0.5	6.97	<5	100	<0.5	<2	6.15	<0.5	47	149	15	10.1	20	0.56	<10	5.05	1255	<1	1.05	123	310	6	0.01	<5	31	74	<20	0.59	<10	<10	292	<10	86
	7194	114.90	116.20	0.009	<0.5	6.96	<5	50	<0.5	<2	5.5	0.5	52	149	115	9.55	20	0.46	<10	5.03	1340	1	1.6	126	320	5	0.07	<5	32	96	<20	0.62	<10	<10	302	<10	93
	7195	124.00	125.35	<0.005	0.04	7.01	0.6	50	0.32	0.02	6.36	0.1	51.6	153	87.3	9.77	19.05	0.29	2.3	5.06	1340	0.29	1.72	123.5	330	0.8	0.02	0.23	37.5	119.5	0.3	0.652	0.06	0.1	328	0.5	97
	7196	125.35	126.65	<0.005	<0.5	7.14	<5	130	<0.5	<2	6.5	<0.5	44	146	24	10.35	20	0.58	<10	4.68	1235	1	1.05	113	350	8	0.12	<5	35	72	<20	0.61	<10	<10	286	<10	97
	7197	126.65	128.30	0.285	0.44	1.14	2.6	30	1.78	0.37	1.9	0.52	15.3	12	109.5	16.55	3.61	0.26	9.8	2.36	1040	0.8	0.16	16.6	730	6	2.55	0.27	2.9	36.8	1.4	0.049	0.13	0.4	69	3.1	417
	7198	128.30	129.30	0.016	<0.5	7.44	5	190	0.8	2	6.82	1.2	49	194	123	9	20	1.05	<10	3.81	1615	<1	1.19	129	300	27	0.81	<5	36	149	<20	0.56	<10	<10	268	<10	606
	7199	129.30	131.00	0.012	<0.5	8.87	<5	40	<0.5	4	10.05	0.7	62	219	121	10.8	20	0.16	<10	4.35	2260	1	1.19	173	340	9	0.44	<5	47	145	<20	0.65	<10	<10	311	<10	140
	7200	131.00	132.70	0.006	<0.5	7.9	<5	60	<0.5	<2	9.48	0.6	54	191	119	9.28	20	0.15	<10	3.7	2200	1	1.18	156	330	14	0.19	<5	42	119	<20	0.58	<10	<10	279	<10	115
	7201	141.30	142.80	0.005	0.1	8.03	2	30	0.29	0.16	8.81	0.15	52.4	187	103	9.48	18.65	0.13	3.3	3.76	1880	0.33	1.2	137.5	320	4.7	0.43	0.29	43.6	127	0.3	0.595	0.07	0.1	298	0.7	112
	7202	142.80	144.30	<0.005	<0.5	7.81	<5	50	<0.5	2	8.34	<0.5	52	192	132	9.56	20	0.19	<10	3.84	1795	1	1.35	134	310	4	0.31	6	42	153	<20	0.58	<10	<10	281	<10	106
	7203	144.30	145.35	0.024	<0.5	8.13	<5	180	0.5	5	8.38	<0.5	54	204	97	8.53	20	0.44	10	3.22	1865	1	1.92	142	370	11	0.52	<5	43	488	<20	0.63	<10	<10	297	<10	120
	7204	145.35	146.90	0.028	0.6	6.55	15	440	0.8	3	3.71	1.8	39	84	264	7.25	20	1.21	30	1.7	1035	1	2.31	85	660	44	2.83	<5	14	337	<20	0.25	<10	<10	74	10	681
	7205	146.90	148.45	0.034	0.63	7.13	2.4	570	1.02	0.85	4.86	2.22	48.5	185	824	7.1	18.65	0.99	35	3.21	942	9.79	2.9	168	870	16.2	2.27	0.26	18.6	616	4.8	0.359	0.58	1.2	123	4.1	692
	7206	148.45	150.05	0.007	<0.5	7.72	<5	60	<0.5	<2	8.06	<0.5	52	192	84	8.63	20	0.34	<10	4.22	1475	<1	1.85	154	300	5	0.12	<5	37	130	<20	0.54	<10	<10	263	<10	102
	7207	210.75	211.15	<0.005	<0.5	3.45	5	10	0.6	<2	3.44	<0.5	25	81	20	4.57	10	0.11	<10	2.48	677	1	0.46	90	130	3	0.04	<5	18	35	<20	0.16	<10	<10	110	<10	55
	7208	221.20	221.70	<0.005	<0.5	3.91	63	10	<0.5	<2	5.82	<0.5	33	80	18	4.87	10	0.11	<10	2.91	822	1	0.39	107	110	<2	0.03	<5	20	42	<20	0.19	<10	<10	112	<10	53

ALS Global Analytical Methods:

Au-AA23 Fire Assay Fusion, AAS Finish
 ME-ICP61 33 element - HNO₃-HClO₄-HF-HCl digestion, HCl Leach (GEO-4ACID); ICP-AES Finish
 ME-MS61 48 element - HNO₃-HClO₄-HF digestion, HCl Leach (GEO-4A01); ICP-AES and ICP-MS Finishes

All samples
 Samples 7176-7177, 7179



DDH ID TR15-04 **Azimuth (True)** 240
Company ID China Metallurgical Exploration Corp. **Dip** -45
Property Triumph (previously Field Goal 2) **Length (m)** 225
UTM East 475742 **Start Date** 01-Jul-15
UTM North 5725049 **Finish Date** 03-Jul-15
UTM Zone 16U **Mining Claim** 4276914
Datum NAD83 **Area** Calamity Lake
RL (m) 290 **Mining Division** Thunder Bay

Survey
Depth (m) 225 **Dip** -34.4 **Azimuth (True)** 244.4

Drill Contractor Orbit Garant Drilling Inc.
Drill Type Longyear 38
Rig/Unit # SH-27
Core Size NQ
Casing 19.5 metres, not removed
Logged by Ian Trinder, M.Sc., P.Geo.
Log Start 02-Jul-15
Log Finish 04-Jul-15

Purpose Test VTEM Conductor FG2-2 (2013 Geotech anomaly T48308). Conductor explained by Silicate and Chert-(Magnetite) Iron Formation with Po-Py stringers

Core Storage At drill site: UTM 475725E, 5725031N except 11 boxes (5-6, 19-23, 26-27 and 30-31) which are stored at Clark Exploration Consulting Inc., 1000 Alloy Drive, Thunder Bay, Ontario, P7B 6A5

DDH_ID	Sample	From_m	To_m	Ce ppm	Cs ppm	Ge ppm	Hf ppm	In ppm	Li ppm	Nb ppm	Rb ppm	Re ppm	Se ppm	Sn ppm	Ta ppm	Te ppm	Y ppm	Zr ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Yb ppm	Certificate	Lab	Date	
TR15-04	7175	37.45	39.15	8.1	0.26	0.08	0.8	0.087	16.8	2.8	2.3	0.002	2	0.5	0.19	<0.05	22.7	20.3	4.19	2.73	0.89	3.55	0.83	0.38	7.9	1.36	2.84	0.56	0.37	2.74	TB15103419	ALS Global	2015-07-31	
	7176	39.15	40.80																													TB15103419	ALS Global	2015-07-31
	7177	40.80	42.50																													TB15103419	ALS Global	2015-07-31
	7178	42.50	44.20	11.75	0.27	0.09	1.3	0.103	19.2	4.2	1.4	0.003	3	0.7	0.27	0.56	32.1	36	6.02	3.91	1.27	5.21	1.21	0.53	11.4	1.95	4.15	0.83	0.54	3.89	TB15103419	ALS Global	2015-07-31	
	7179	44.20	46.10																													TB15103419	ALS Global	2015-07-31
	7180	46.10	48.00																													TB15103419	ALS Global	2015-07-31
	7181	48.00	49.90																													TB15103419	ALS Global	2015-07-31
	7182	49.90	51.80	47	11.95	0.15	3.9	0.04	39.3	6.3	68.5	<0.002	1	1.1	0.46	<0.05	7.6	157	1.72	0.93	0.8	2.14	0.29	0.14	19.6	5.14	3.25	0.27	0.12	0.93	TB15103419	ALS Global	2015-07-31	
	7183	51.80	53.70																													TB15103419	ALS Global	2015-07-31
	7184	53.70	55.60																													TB15103419	ALS Global	2015-07-31
	7185	55.60	57.50																													TB15103419	ALS Global	2015-07-31
	7186	57.50	59.40	39.8	1.61	0.12	4.9	0.029	38.4	16.7	28.1	<0.002	<1	1.8	1.13	<0.05	10.8	160.5	2.25	1.38	0.54	2.31	0.42	0.21	18.8	4.65	3.24	0.32	0.21	1.55	TB15103419	ALS Global	2015-07-31	
	7187	59.40	61.30																													TB15103419	ALS Global	2015-07-31
	7188	61.30	63.20																													TB15103419	ALS Global	2015-07-31
	7189	63.20	65.10																													TB15103419	ALS Global	2015-07-31
	7190	65.10	67.00																													TB15103419	ALS Global	2015-07-31
	7191	67.00	68.90	35.5	7.65	0.1	2.2	0.092	50.4	3.9	28.8	0.003	2	1.7	0.25	0.37	15.3	86.8	2.88	1.86	1.44	2.94	0.56	0.29	19.1	4.44	3.57	0.41	0.27	2.05	TB15103419	ALS Global	2015-07-31	
	7192	68.90	70.80																													TB15103419	ALS Global	2015-07-31
	7193	70.80	72.70																													TB15103419	ALS Global	2015-07-31
	7194	72.70	74.60																													TB15103419	ALS Global	2015-07-31
	7195	74.60	76.50	6.86	2	0.1	0.9	0.077	47.3	3.1	6.2	0.002	1	0.8	0.2	<0.05	20.9	26.7	4.05	2.68	0.88	3.41	0.81	0.38	7.3	1.23	2.63	0.55	0.37	2.7	TB15103419	ALS Global	2015-07-31	
	7196	76.50	78.40																													TB15103419	ALS Global	2015-07-31
	7197	78.40	80.30	20.1	2.96	0.11	0.9	0.131	16	1.8	10.2	<0.002	4	1.4	0.11	0.74	17.3	34.9	2.94	2.04	1.64	2.71	0.59	0.31	11	2.45	2.59	0.4	0.28	2.13	TB15103419	ALS Global	2015-07-31	
	7198	80.30	82.20																													TB15103419	ALS Global	2015-07-31
	7199	82.20	84.10																													TB15103419	ALS Global	2015-07-31
	7200	84.10	86.00																													TB15103419	ALS Global	2015-07-31
	7201	86.00	87.90	8.2	1.51	0.08	0.7	0.067	22.7	2.5	3.4	0.002	1	0.8	0.17	0.06	20.3	15.8	3.76	2.45	0.89	3.29	0.76	0.34	7.4	1.33	2.57	0.51	0.34	2.46	TB15103419	ALS Global	2015-07-31	
	7202	87.90	89.80																													TB15103419	ALS Global	2015-07-31
	7203	89.80	91.70																													TB15103419	ALS Global	2015-07-31
	7204	91.70	93.60																													TB15103419	ALS Global	2015-07-31
	7205	93.60	95.50	76.2	17.25	0.14	3.2	0.196	28.8	4.5	43.2	0.002	3	2.3	0.3	1.04	13.6	131.5	2.8	1.55	1.43	3.85	0.5	0.2	38.2	8.98	6.38	0.46	0.21	1.43	TB15103419	ALS Global	2015-07-31	
	7206	95.50	97.40																													TB15103419	ALS Global	2015-07-31
	7207	97.40	99.30																													TB15103419	ALS Global	2015-07-31
	7208	99.30	101.20																													TB15103419	ALS Global	2015-07-31

ALS Global Analytical Methods:

Au-AA23 Fire Assay Fusion, AAS Finish
 ME-ICP61 33 element - HNO3 -HClO4 -HF-HCl digestion, HCl Leach (GEO-4ACID); ICP-AES Finish
 ME-MS611 48 element - HNO3 -HClO4 -HF digestion, HCl Leach (GEO-4A01); ICP-AES and ICP-MS Finishes

All samples
 Samples 5046-5056, 5058-5068, 5070-5071
 Samples 5057, 5069

FOLIATION

DDH ID	Depth (m)	Fol Angle	Lin Angle	Comments
TR15-04	21.00		50	Angle to long core axis
TR15-04	24.00		60	
TR15-04	27.00	25		
TR15-04	30.00		65	
TR15-04	33.00		65	
TR15-04	36.00	15	65	Weak Foliation
TR15-04	39.00	15		Weak Foliation
TR15-04	42.00	20		Weak Foliation
TR15-04	45.00	35		
TR15-04	48.00	45		
TR15-04	51.00		65	
TR15-04	54.00	25	65	
TR15-04	57.00		55	
TR15-04	60.00		55	
TR15-04	63.00		70	
TR15-04	66.00	20	60	Weak Foliation
TR15-04	69.00	25	60	Weak Foliation
TR15-04	72.00	10	65	Weak Foliation
TR15-04	75.00	15	60	Weak Foliation
TR15-04	78.00			Massive?
TR15-04	81.00		55	
TR15-04	84.00		60	
TR15-04	87.00	45		
TR15-04	90.00		65	
TR15-04	93.00		70	
TR15-04	96.00		70	
TR15-04	99.00	60		Compositional Banding
TR15-04	102.00	55		Compositional Banding
TR15-04	105.00		65	
TR15-04	108.00	60	60	
TR15-04	111.00	65		Lamination
TR15-04	114.00			Massive?
TR15-04	117.00		60	
TR15-04	120.00		60	
TR15-04	123.00		70	
TR15-04	126.00	70		
TR15-04	129.00	65		Foliation/lamination
TR15-04	132.00	67		
TR15-04	135.00			Qtz-carb bx
TR15-04	138.00			Massive?
TR15-04	141.00	55		Weak Foliation
TR15-04	144.00	53		Weak Foliation
TR15-04	147.00	55		Lamination
TR15-04	150.00	60		Weak Foliation
TR15-04	153.00			Massive?
TR15-04	156.00	60		
TR15-04	159.00			Massive?
TR15-04	162.00			Massive?
TR15-04	165.00			Massive?
TR15-04	168.00			Massive?
TR15-04	171.00			Massive?
TR15-04	174.00			
TR15-04	177.00			
TR15-04	180.00			
TR15-04	183.00			
TR15-04	186.00			Massive?
TR15-04	189.00	60		Weak Foliation
TR15-04	192.00		65	Lineated feldspar
TR15-04	195.00	50		
TR15-04	198.00		55	

FOLIATION

DDH ID	Depth (m)	Fol Angle	Lin Angle	Comments
TR15-04	201.00		65	
TR15-04	204.00			Massive?
TR15-04	207.00			Massive?
TR15-04	210.00		70	Weak Lineation
TR15-04	213.00		70	
TR15-04	216.00		65	Massive - Weak Lineation
TR15-04	219.00		70	Massive - Weak Lineation
TR15-04	222.00		65	Massive - Weak Lineation
TR15-04	225.00		65	Massive - Weak Lineation

RECOVERY

DDH ID	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Comments
TR15-04	19.40	21.00	1.60	0.40	25	
TR15-04	21.00	24.00	3.00	2.85	95	
TR15-04	24.00	27.00	3.00	2.90	97	
TR15-04	27.00	30.00	3.00	2.85	95	
TR15-04	30.00	33.00	3.00	3.00	100	
TR15-04	33.00	36.00	3.00	3.00	100	
TR15-04	36.00	39.00	3.00	2.95	98	
TR15-04	39.00	42.00	3.00	3.05	102	
TR15-04	42.00	45.00	3.00	3.00	100	
TR15-04	45.00	48.00	3.00	3.05	102	
TR15-04	48.00	51.00	3.00	3.00	100	
TR15-04	51.00	54.00	3.00	2.95	98	
TR15-04	54.00	57.00	3.00	3.05	102	
TR15-04	57.00	60.00	3.00	2.40	80	
TR15-04	60.00	63.00	3.00	2.70	90	
TR15-04	63.00	66.00	3.00	3.00	100	
TR15-04	66.00	69.00	3.00	2.80	93	
TR15-04	69.00	72.00	3.00	3.05	102	
TR15-04	72.00	75.00	3.00	2.95	98	
TR15-04	75.00	78.00	3.00	3.00	100	
TR15-04	78.00	81.00	3.00	3.00	100	
TR15-04	81.00	84.00	3.00	2.90	97	
TR15-04	84.00	87.00	3.00	3.00	100	
TR15-04	87.00	90.00	3.00	3.00	100	
TR15-04	90.00	93.00	3.00	3.00	100	
TR15-04	93.00	96.00	3.00	3.00	100	
TR15-04	96.00	99.00	3.00	3.00	100	
TR15-04	99.00	102.00	3.00	3.00	100	Broken
TR15-04	102.00	105.00	3.00	2.90	97	Very broken 103.5-105.0m
TR15-04	105.00	108.00	3.00	2.00	67	Very broken
TR15-04	108.00	111.00	3.00	2.20	73	Very broken 108.0-109.0m
TR15-04	111.00	114.00	3.00	2.40	80	Broken
TR15-04	114.00	117.00	3.00	2.90	97	
TR15-04	117.00	120.00	3.00	3.00	100	
TR15-04	120.00	123.00	3.00	2.80	93	
TR15-04	123.00	126.00	3.00	2.80	93	
TR15-04	126.00	129.00	3.00	3.00	100	
TR15-04	129.00	132.00	3.00	2.95	98	
TR15-04	132.00	135.00	3.00	3.05	102	
TR15-04	135.00	138.00	3.00	3.00	100	
TR15-04	138.00	141.00	3.00	3.00	100	
TR15-04	141.00	144.00	3.00	2.95	98	
TR15-04	144.00	147.00	3.00	3.05	102	
TR15-04	147.00	150.00	3.00	2.95	98	
TR15-04	150.00	153.00	3.00	2.95	98	
TR15-04	153.00	156.00	3.00	3.05	102	
TR15-04	156.00	159.00	3.00	2.95	98	
TR15-04	159.00	162.00	3.00	3.05	102	
TR15-04	162.00	165.00	3.00	3.00	100	
TR15-04	165.00	168.00	3.00	3.00	100	
TR15-04	168.00	171.00	3.00	3.00	100	
TR15-04	171.00	174.00	3.00	3.00	100	
TR15-04	174.00	177.00	3.00	3.05	102	
TR15-04	177.00	180.00	3.00	2.95	98	
TR15-04	180.00	183.00	3.00	2.95	98	
TR15-04	183.00	186.00	3.00	3.05	102	
TR15-04	186.00	189.00	3.00	2.95	98	
TR15-04	189.00	192.00	3.00	3.00	100	
TR15-04	192.00	195.00	3.00	3.00	100	
TR15-04	195.00	198.00	3.00	3.05	102	
TR15-04	198.00	201.00	3.00	2.95	98	

RECOVERY

DDH ID	From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Comments
TR15-04	201.00	204.00	3.00	3.00	100	
TR15-04	204.00	207.00	3.00	3.05	102	
TR15-04	207.00	210.00	3.00	3.00	100	
TR15-04	210.00	213.00	3.00	3.05	102	
TR15-04	213.00	216.00	3.00	3.00	100	
TR15-04	216.00	219.00	3.00	3.00	100	
TR15-04	219.00	222.00	3.00	2.95	98	
TR15-04	222.00	225.00	3.00	3.05	102	

Box

DDH ID	Box	From (m)	To (m)	Length (m)
TR15-04	1	19.40	24.27	4.87
TR15-04	2	24.27	28.80	4.53
TR15-04	3	28.80	33.10	4.30
TR15-04	4	33.10	37.45	4.35
TR15-04	5	37.45	41.85	4.40
TR15-04	6	41.85	46.10	4.25
TR15-04	7	46.10	50.40	4.30
TR15-04	8	50.40	54.75	4.35
TR15-04	9	54.75	59.55	4.80
TR15-04	10	59.55	63.75	4.20
TR15-04	11	63.75	68.10	4.35
TR15-04	12	68.10	72.25	4.15
TR15-04	13	72.25	76.55	4.30
TR15-04	14	76.55	80.80	4.25
TR15-04	15	80.80	84.90	4.10
TR15-04	16	84.90	88.95	4.05
TR15-04	17	88.95	92.90	3.95
TR15-04	18	92.90	96.95	4.05
TR15-04	19	96.95	100.80	3.85
TR15-04	20	100.80	104.60	3.80
TR15-04	21	104.60	109.20	4.60
TR15-04	22	109.20	112.70	3.50
TR15-04	23	112.70	116.20	3.50
TR15-04	24	116.20	120.05	3.85
TR15-04	25	120.05	124.00	3.95
TR15-04	26	124.00	128.40	4.40
TR15-04	27	128.40	132.70	4.30
TR15-04	28	132.70	137.00	4.30
TR15-04	29	137.00	141.30	4.30
TR15-04	30	141.30	145.70	4.40
TR15-04	31	145.70	150.05	4.35
TR15-04	32	150.05	154.45	4.40
TR15-04	33	154.45	158.85	4.40
TR15-04	34	158.85	163.10	4.25
TR15-04	35	163.10	167.45	4.35
TR15-04	36	167.45	171.85	4.40
TR15-04	37	171.85	176.05	4.20
TR15-04	38	176.05	180.40	4.35
TR15-04	39	180.40	184.70	4.30
TR15-04	40	184.70	189.05	4.35
TR15-04	41	189.05	193.50	4.45
TR15-04	42	193.50	197.90	4.40
TR15-04	43	197.90	202.25	4.35
TR15-04	44	202.25	206.50	4.25
TR15-04	45	206.50	210.75	4.25
TR15-04	46	210.75	215.00	4.25

Box

DDH ID	Box	From (m)	To (m)	Length (m)
TR15-04	47	215.00	219.30	4.30
TR15-04	48	219.30	223.60	4.30
TR15-04	49	223.60	225.00	1.40