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METALS CREEK RESOURCES

2013-2015 DIAMOND DRILLING REPORT

OGDEN PROPERTY

PORCUPINE MINING DIVISION, ONTARIO

NTS 42A

Prepared

by

Don Heerema

of

September 2015

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Introduction

This report summarizes diamond drilling work conducted on the Ogden Property from November 2013 and June 2015. The November 2013 program took place on the Thomas Odgen Zone (TOZ) and consisted of 4 holes totaling 1,129. The June 2015 program was initiated for the purposes of exploring for the presence of gold mineralization in the South zones of the Naybob Mine. The program totaled 397.4m in 3 short diamond drill holes. The drilling was conducted by Norex Drilling Limited out of Porcupine, Ontario.

The work was conducted on the Ogden property which consists of a large contiguous land package covering approximately 3,135 acres or 13.42 square kilometers in Ogden and Deloro Townships along the Porcupine Destor Fault. The credits of the drilling programs are transferred to the contiguous mining claims of the Ogden Property.

Location and Access

The Ogden Property is situated along the eastern boundary of Ogden Township of the Porcupine Mining Division, approximately 5 kilometers south of the city of Timmins. Travel time to the property is roughly 5 minutes from the city of Timmins. The property is located within the NTS Map Sheet 42A.

The Property is easily accessible by traveling south from Timmins on Pine Street South to the Naybob Mine road. The Naybob Mine road is an all season gravel road, west off Pine Street South, extending through the eastern portion of the property and swinging north along the northern edge of the property boundary. Figure 1.

Terms of Reference

Map projections are in UTM, North American Datum 83, Zone 17 and all referenced UTM coordinates are in this project unless stated otherwise. Contractions are “mm” = millimeter, “cm” = centimeter, “m” = meters, “km” = kilometers, “g” = gram, “kg” = kilogram, “in” = inch, “ft” = foot, “lb” = pound, “oz” = troy ounce, “oz/ton” = troy ounce per short ton, “g/T” is grams per metric tonne, and “ddh” = diamond drill hole.

Property Status

The property consists of 36 patent parcels, 13 leases and 14 unpatented mining claims that lie within the central portion of Ogden Twp. and the west central Deloro Twp., registered in the Porcupine Mining Division. The contiguous patents and leases are registered and held 51% by Goldcorp Canada Ltd and 49% by Goldcorp Inc. The unpatented mining claims are registered as 50% Metals Creek Resources, 25.50% Goldcorp Canada Ltd. and 24.50% Goldcorp Inc. 50% Metals Creek Resources is in an option-joint venture with Goldcorp on the Ogden Property. Figure 2.

Patents

PIN 65441-0370(LT), PIN 65441-0204(LT), PIN 65441-0369(LT) Parcel 14423SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
HR1007 (partially in Deloro Tp) P8555 (Deloro Tp) P8594 P8595

PIN 65441-0229(LT) - Parcel 14424SEC - Registered owners are Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
HR937 (partially in Deloro Tp) HR938 HR939

PIN 65441-0238(LT) - Parcel 8441 SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
HR1008

PIN 65441-0205(LT) - Parcel 4200SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P8060

PIN 65441-0206(LT) - Parcel 4401 SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P8061

PIN 65441-0203(LT) - Parcel 4402SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P9852

PIN 65441-0190(LT) - Parcel 4114SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P8948

PIN 65441-0189(LT) - Parcel 4115SEC - Registered owners are Goldcorp Canada Ltd. 51 o/o and Goldcorp Inc. 49%
P8949

PIN 65441-0187(LT) - Parcel 4116SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P8044

PIN 65441-0188(LT) - Parcel 4117SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P11344

PIN 65441-0183(LT) - Parcel 4118SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P11483

PIN 65441-0184(LT) - Parcel 4864SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P16063

PIN 65441-0185(LT) - Parcel 3851SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P8459

PIN 65441-0186(LT) - Parcel 4863SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P16062

PIN 65441-0237(LT) - Parcel 3895SEC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P6465

PIN 65442-0686 (LT) - Parcel 58LC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P37705

Claim #	Parcel #	Pin#	Previous Parcel #	Patent #	Recorded Holder
TRP 1995	221 SEC	65441-0172(LT)		6059 TEM	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
TRP 1407	222 SEC	65441-0173(LT)		6060 TEM	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
P 8795	41 23 SEC	65441-0177(LT)		923 Coch	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
P 8381	4951 SEC	65441-0181(LT)		2011 Coch	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
P 8383	4952 SEC	65441-0180(LT)		2012 Coch	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
P 8384	4953 SEC	65441-0179(LT)		201 3 Coch	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
ME 47/P 18122	5680 SEC SRO	65441-0182(LT)		2288 Coch	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
HR 1135	5681 SEC	65441-0178(LT)		2289 Coch	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
HR 1136	5681 SEC	65441-0178(LT)		2289 Coch	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
P 8381/P 16751	6199 SEC MRO	65441-0335(LT)	4951 SEC	2011 Coch	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
ME 47/P 18122	6199 SEC MRO	65441-0335(LT)	5680 SEC	2288 Coch	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
P 19143	9871 SEC	65441-0166(LT)		4738 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamilton 10%
P 20073	9872 SEC	65441-0164(LT)		4739 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamilton 10%
P 26257	9873 SEC	65441-0165(LT)		4740 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamiton 10%
P 26258	9874 SEC	65441-0161(LT)		4741 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamiton 10%
P 26408	9875 SEC	65441-0170(LT)		4742 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamiton 10%
P 19144	9877 SEC	65441-0167(LT)		4747 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamiton 10%
P 19145	9878 SEC	65441-0171(LT)		4748 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamiton 10%
P 19147	9879 SEC	65441-0168(LT)		4749 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamiton 10%
P 20074	9880 SEC	65441-0159(LT)		4750 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamiton 10%
P 26259	9881 SEC	65441-0160(LT)		4751 Coch	Goldcorp Canada Ltd. 46% and Goldcorp Inc. 44%, Shirley Hamiton 10%

Claim #	Parcel #	Pin #	MRO Previous Parcel #	Patent #	Recorded Holder
PP 22 (TRP 1782)	5496 SEC Firstly	65441-0345(LT)	1804 SND	730 SND	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
PP 21 (TRP 1784)	5496 SEC Secondly	65441-0345(LT)	1826 SND	752 SND	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
PP 23 (TRP 1783)	5496 SEC Thirdly	65441-0345(LT)	1827 SND	753 SND	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
PP 24 (TRP 1785)	5496 SEC Fourthly	65441-0345(LT)	1828 SND	754 SND	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
PP 25 (TRP 1786)	5496 SEC Fifthly	65441-0345(LT)	1829 SND	755 SND	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%
PP 26 (TRP 1787)	5496 SEC Sixthly	65441-0345(LT)	1830 SND	756 SND	Goldcorp Canada Ltd. 51% and Goldcorp Inc. 49%

Leases

PIN 65441-0373(LT) - Parcel 1615LC - Registered owners are Goldcorp Canada Ltd. 51 % and Goldcorp Inc. 49%
P528812, P528813, P528814, P528815, P528816, P528817, P528915, P528916, P528917, P528918, P528919, P528920, P528921

Unpatented Mining Claims

Claim Number	Units	Recorded Holder	Due Date
3004000	6	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-SEP-26
3004001	2	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-SEP-26
3004002	9	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-SEP-26
3001492	1	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-DEC-10
1180855	1	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-MAR-25
3004028	2	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2017-OCT-23
1227821	2	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-APR-28
1220101	4	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-JUN-19
1227996	1	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-JUN-23
1227997	2	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-JUN-23
1227998	1	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-JUN-23
1227999	1	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-JUN-23
1228000	3	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-JUN-23
1220102	1	Metals Creek (50.00 %), Goldcorp Can Ltd. (25.50%), Goldcorp Inc. (24.50%)	2018-JUN-26

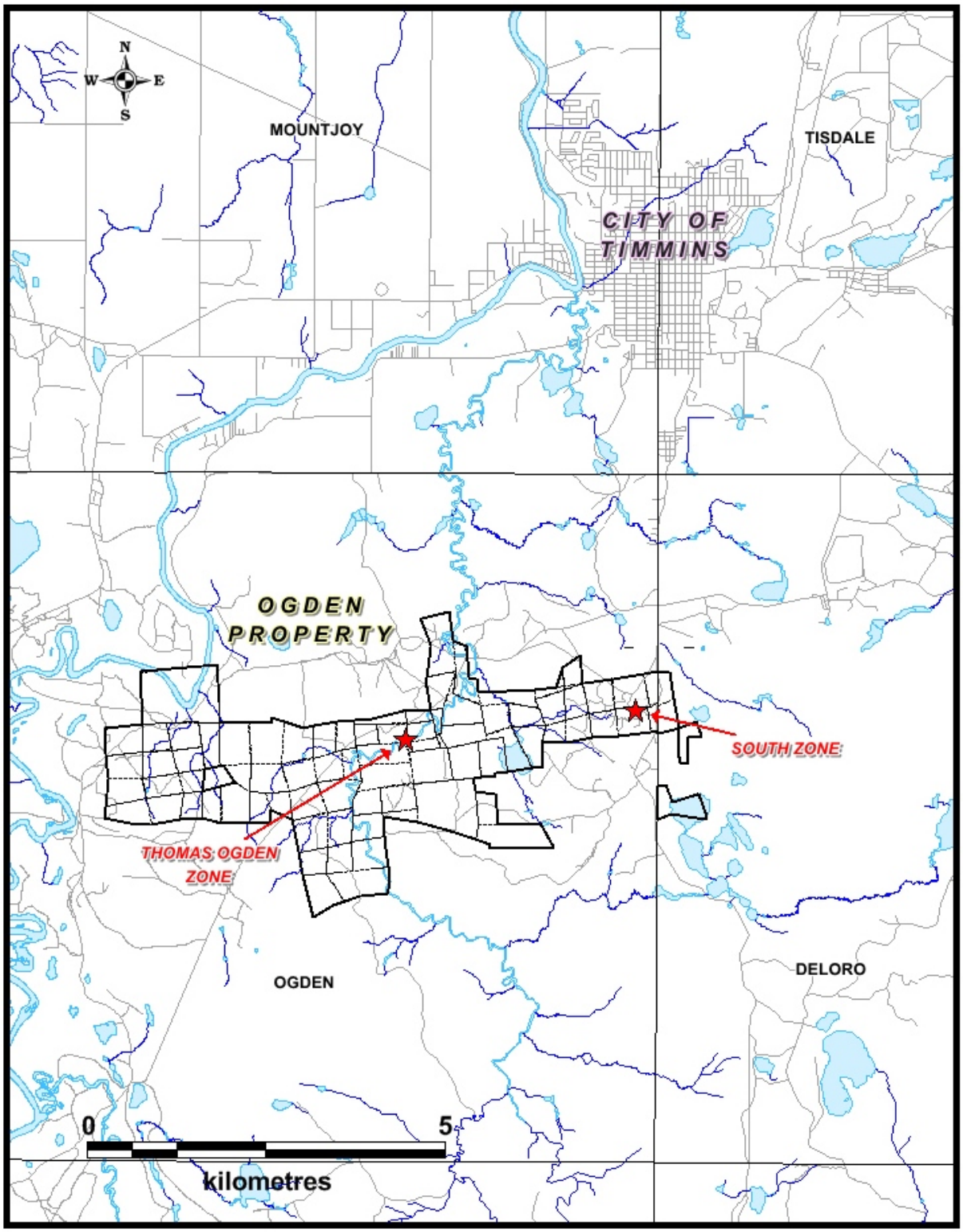


Figure 1: Location Map

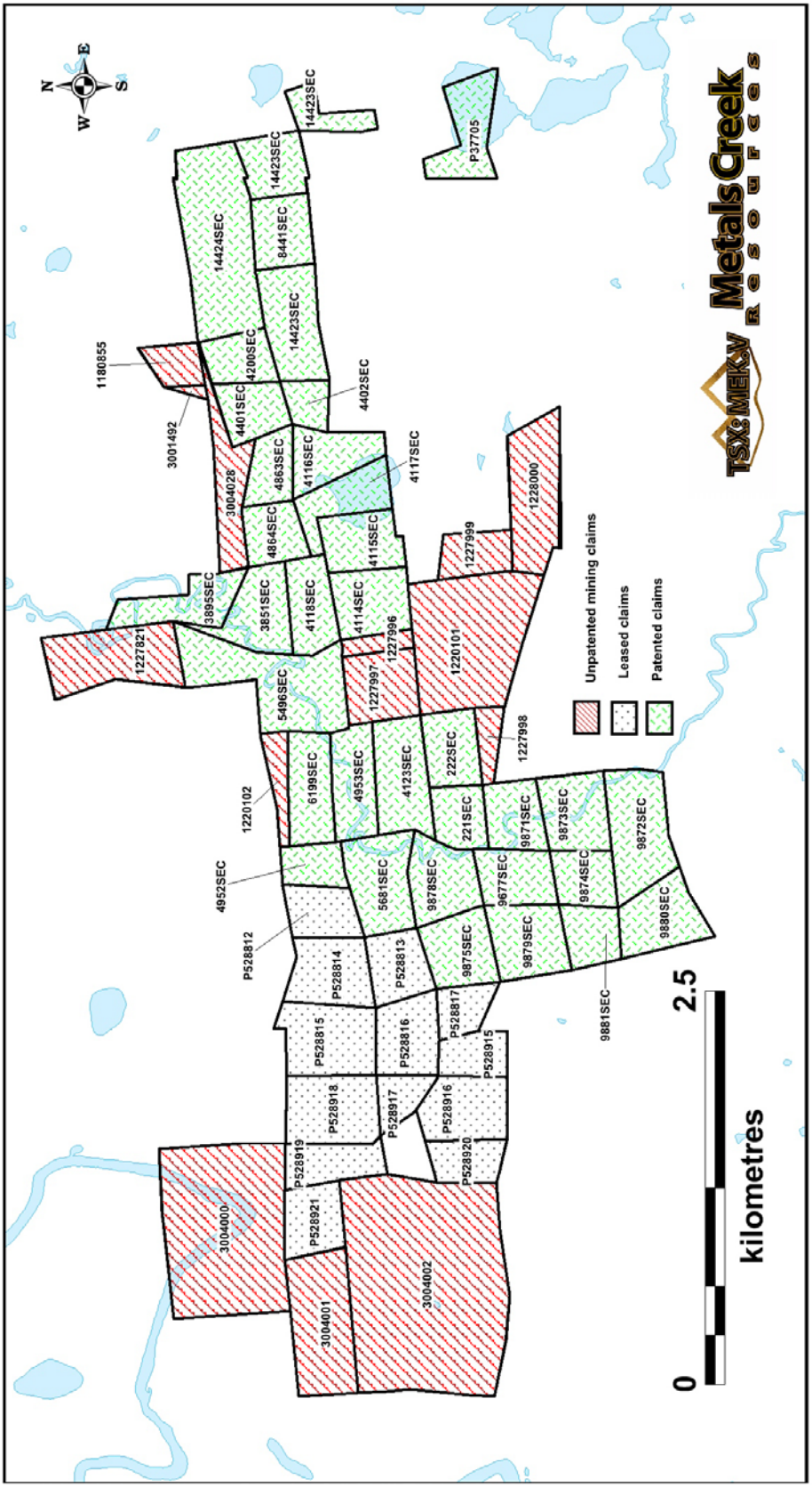


Figure 2: Claim Status Map

Regional Geology

The Timmins area is underlain by late Archean ultramafic to mafic supracrustal rocks which comprise four major assemblages. These are transected by a major regional fault system, the east-west trending Destor-Porcupine fault. Oldest rocks in the camp are mafic, intermediate and felsic volcanic rocks and chemical sediments of the Deloro Assemblage (2730-2725 Ma), which occur to the south of the Destor-Porcupine fault system. These are overlain by dominantly tholeiitic mafic volcanic rocks of the Tisdale Assemblage (2708-2700 Ma) that are present on both sides of the fault. The Tisdale rocks in the central Timmins camp are divided into four formations, which include the Hersey Lake Formation, the Central Formation, and the Gold Center Formation. The Tisdale assemblage is unconformably overlain by a felsic tuff sequence of the Krist Formation, which is developed in western portions of the camp. The Krist tuff unit appears associated with a suite of quartz-plagioclase porphyry (2691-2688 Ma) intrusions that form probable sub-volcanic feeders to the tuffs. Overlying the Krist is the Porcupine Assemblage, a thick sequence of turbiditic greywacke, siltstone and mudstone. Timiskaming Group clastic sediments (2673-2668 Ma, based on detrital zircons) unconformably overlie the Krist and Porcupine sequences, and earlier volcanic sequences where the Krist and Porcupine sequences are not present.

Property Geology

The Ogden Property straddles 8 km strike length of the Porcupine Destor Fault corridor. The Porcupine Destor fault corridor separates the Deloro Group from the Tisdale Group; the latter of which hosts the gold mineralization of the Naybob Mine and Thomas Ogden Zone. North of the Porcupine-Destor fault, the volcanics vary from intermediate to carbonatized ultramafic flows. Sediment packages composed of argillites, greywackes and conglomerates are present as well, and locally (Thomas Ogden) represent slivers of Timiskaming age sediments within the Tisdale. Tisdale rocks have been intruded by altered felsic to porphyritic dykes, sills and small stocks. The rocks dip steeply to the north and young south in the North Zone area of Naybob, but generally dip south and young north in the South and Thomas Ogden Zones. It is possible that a large property scale syncline exists with an east-west fold hinge. Deformation zones on the property are associated with the close proximity of the Porcupine-Destor Fault. Alteration and sulphide mineralization are commonly associated with the structures.

Targeted Geology

On the south side of the Naybob porphyry body is a narrow and linear deformation zone within Tisdale volcanics/sediments referred to as the South Zone. The deformation zone is 0.5 to 5.0m in width and well albitized and brecciated by late quartz stringers. Pyrite and arsenopyrite are found associated with the albitization at an approximate 5:1 ratio respectively.

Gold within the Thomas Ogden Zone has been encountered in both felsic dikes and altered pebble conglomerates. The felsic dikes are extremely silicous with very little mafic content (<5%) and patchy albite alteration. As well local ankerite results in rusty patches and fractures. The gold bearing conglomerates appear to be Timiskaming in age; containing occasional cherty jasperitic fragments. The gold bearing conglomerates are commonly well deformed and compressed with associated fuchsite, silicification, albitization and sulphides. Pyrite is the dominant sulphide with occasional arsenopyrite blades and free visible gold.

Alteration

Alteration on the Ogden Property consists of varying degrees of carbonate, fuchsite, albite, sericite and silicification. Associated with these alteration zones are variable amounts of sulphides. In the vicinity of the North Zone, green fuchsite and ankerite alteration is dominant with lesser albite and silicification. Outside of the carbonate alteration zone, are intensely altered serpentinized/chloritized ultramafics. The South Zone alteration is composed of significant, pervasive albitization that has been brecciated by thin quartz stringers generally found along the mafic/andesite and ultramafic contact. Alteration observed within the area of Thomas Ogden consists of variable amounts of silicification, albitization, sericitization as well as minor carbonate and fuchsite. The felsic dikes of TOZ are generally extremely silicous with clotty beige/peach coloured albitization. Late quartz stringers and veinlets are often associated with the alteration.

Mineralization

Mineralization observed on the property consists of pyrite, arsenopyrite, trace chalcopyrite and free gold. The Naybob North style of mineralization is disseminated pyrite and free gold, within a quartz vein/stockwork and porphyry dikes, within or adjacent to the heavily deformed carbonate zone. Disseminated pyrite, arsenopyrite and specks of free gold occur in the South and Thomas Ogden Zones. The pyrite mineralization is generally more associated with brown/beige sericite/albite alteration found within the conglomerates and felsites. The aresenopyrite is concentrated locally within altered portions of the finer sediments; in particular the argillites. Minor galena and sphalerite were also noted in a silicified zone deeper in South Zone and within the felsite material of the Thomas Ogden Zone. Tourmaline is common also. Porphyry Hill consists of 1-10% disseminated pyrite with occasional specks and blebs of chalcopyrite.

Structure

The Thomas Ogden Zone lies in very close proximity to the Porcupine Destor Break. The host sediments and felsites exhibit folds that tighten and narrow westward. The folds appear to be plunging eastward at approx 50 degrees and post-date the mineralization and diking. All lithologies are folded in this manner.

Exploration History

The section of exploration history is an excerpt from the Timmins West 2005 Summary Report written by Porcupine Joint Venture.

1910: William Hayden discovered gold on surface in what is known as the South Zone.

1912 – 1917: Hayden Gold Mines- Exploration shaft on the North Zone to 97 metres. Property closed in 1917 due to WW1.

1922 – 1933: Hayden Gold Mines- Deepened shaft to 219 meters, conducted underground development. Constructed a small mill in 1932 and mined 30 tonnes prior to bankruptcy.

1933 – 1942: Naybob Gold Mines – Deepened shaft to 410 metres. Started milling ore at the rate of 30 tonnes/day. By 1942 a total of 194,000 tones @ a grade of 7.33 g/t were produced.

1945 – 1948: Naybob Mines – Produced 5,450 tonnes @ a grade of 1.95 g/t in 1948.

1962 – 1964: Kenilworth Mines Ltd. – Bought Coniaurum mill in 1963 and leased DeSantis Mine. Planned to re-process tailings with a reported grade of 4.37 g/t. In-addition mined approximately 45,000 tonnes of unknown grade.

1984: Black River Resources – Optioned property and dewatered shaft. Conducted underground remapping and sampling. No further work completed by Black River Resources.

1985 – 1989: Victoria Porcupine Resources – Dewatered and repaired shaft to 220 meters. Conducted ground geophysical surveys. Drilled 48 holes totaling 7,359 meters, principally on the South Zone.

1990: Tore the plant down and other buildings burnt.

2004: Porcupine Joint Venture acquired property and conducted ground geophysical surveys. Drilled 3,176 meters in 13 holes.

2009 – 2013: Metals Creek Resources drilled 23,436 meters in 91 holes (excluding the diamond drillholes in this report).

Personnel

Norex Drilling Limited of Porcupine, Ontario was contracted by MEK to undertake the diamond drilling portions of the program. Metals Creek employees were responsible for supervising the drilling as well as core logging and cutting.

Norex Drilling Limited
7210 Hwy 101 East
Porcupine, Ontario
P0N 1C0

Don Heerema Jr., Supervised drill program and logged core
1100 Memorial Ave Suite 329.
Thunder Bay, Ontario
P7B 6H2

November 2013 Drilling

In early November of 2013, MEK drilled four diamond drill holes on the Thomas Ogden Zone totaling 1,129 meters on patent P8384. The drilling was conducted by Norex Drilling Ltd. out of Porcupine, Ontario utilizing NQ diameter rods and NW casing. The drilling was undertaken to build on positive gold results previously intercepted by MEK in other drilling campaigns between 2009 and 2013 on the TOZ. Drilling was also concentrating on specific areas in an attempt to delineate folds in the stratigraphy.

The collar positions were spotted by MEK geologists using a hand held Garmin 76CSx gps system. Front and back sites were compassed in, later to be utilized for drill alignment. At the time of this report the casings had not yet been surveyed.

The core was picked up by MEK geologists and geotechs from the drill site and taken to a rented logging facility on Hwy 101 west, where it was subsequently logged and cut. All logging was conducted by geologist D. Heerema.

TOG-13-35- This hole was an attempt to test a fold theory and under-cut previous drilling on the section. Results found the stratigraphy to be folding but no significant results were attained.

TOG-13-36- This hole was testing the thickness of the sediment package hosting gold mineralization and resulted in yielding 17.05m of 1.908g/t Au including 6.05m of 4.211g/t Au.

TOG-13-37- This was an undercut of previously drilled hole TOG-13-25 that returned 210.19g/t Au over 12.53m. This hole illustrated the complexity of the stratigraphy and returned 0.504g/t Au over 7.83m.

TOG-13-38- This hole was targeting well above the 210.19g/t Au over 12.53m intercept and yielded 1.893g/t Au over 54.55m including 2.79g/t Au over 25.70m within a folded arm of altered sediments.

Table 1.0 2013 Collar Coordinates

HOLE-ID	EASTING	NORTHING	ELEVATION	AZIMUTH	DIP	LENGTH
TOG-13-35	471528	5362510	283	359	-51.5	329
TOG-13-36	471618	5362601	280	351	-46	204
TOG-13-37	471522	5362498	283	341	-55	357
TOG-13-38	471518	5362510	283	340	-45	239

All coordinates are in UTM NAD83 Zone 17

Table 2.0 2013 Table of Results

Hole	From	To	Length	Au g/t
TOG-13-35	NO SIGNIFICANT ASSAYS			
TOG-13-36	124.95	142.00	*17.05*	*1.908*
incl.	124.95	131.00	*6.05*	*4.211*
TOG-13-37	228.00	235.85	*7.85*	*0.504*
TOG-13-38	164.75	219.40	*54.65*	*1.890*
incl.	164.75	190.45	*25.70*	*2.790*

June 2015 Drilling

In June of 2015, MEK awarded a small 3 hole diamond drilling contract to Norex Diamond Drilling of Porcupine Ontario totaling 397.4 meters. This program took place on the South Zone of the historic Naybob Mine on patent HR1008 (parcel number 8441 SEC). One hole of the short program was designed to test the western extent of gold mineralization below historic drilling and the remaining two holes were undercuts of historic drilling testing for potential high-grade gold shoots.

The collar positions were spotted by MEK geologists using a hand held Garmin 76CSx gps system. Front and back sites were compassed in, later to be utilized for drill alignment. At the time of this report the casings had not yet been surveyed.

The core was picked up by MEK geologists from the drill site and taken to a rented logging facility where it was subsequently logged and cut. All logging was conducted by geologist D. Heerema.

OG15-037- five individual mineralized zones were produced in this hole that returned anomalous gold intercepts. The strongest and largest of these intercepts was 3.72g/t Au over 7.49m. Visible gold was present.

OG15-038- This hole returned three anomalous zones of gold mineralization; two lower grade hanging-wall zones and slightly higher grade main zone. The main mineralized zone returned 1.56g/t Au over 4.98m.

OG15-039- This hole intercepted three zones of alteration and mineralization with local visible gold. Two hanging-wall zones were encountered; one narrow and the other with substantial width and grade. The hanging-wall mineralization returned 2.84g/t Au over 8.29m including 7.03g/t Au over 2.16m. The main mineralization yielded 2.36g/t Au over 3.98m.

Table 3.0 2015 Collar Coordinates

HOLE-ID	EASTING	NORTHING	ELEVATION	AZIMUTH	DIP	LENGTH
OG15-037	474946	5363039	304	0	-51	144
OG15-038	474901	5363087	301	0	-60	94.4
OG15-039	474676	5363028	298	0	-47	159

Table 4.0 2015 Table of Results

Hole-ID	From	To	Length	Au g/t
OG15-037	22.50	27.00	*4.50*	*0.339*
OG15-037	39.00	44.22	*5.22*	*0.567*
OG15-037	65.00	67.00	*2.00*	*0.639*
OG15-037	76.91	84.40	*7.49*	*3.723*
OG15-037	103.67	106.03	*2.36*	*0.902*
OG15-038	20.50	26.12	*5.62*	*0.732*
OG15-038	28.94	30.38	*1.44*	*0.703*
OG15-038	70.00	74.98	*4.98*	*1.596*
OG15-039	72.20	73.30	*1.10*	*2.956*
OG15-039	88.18	96.47	*8.29*	*2.840*
incl.	90.50	92.66	*2.16*	*7.029*
OG15-039	116.20	117.55	*1.35*	*1.486*
OG15-039	146.30	150.28	*3.98*	*2.358*

Sampling/Assaying

The mineralized intervals for all seven holes were generally sampled using 1m sample lengths with exception near lithological contacts. All sampling was kept within lithological contacts.

Blanks and standards were also submitted within the sampling series as a means of quality assurance and quality control. Blanks were submitted at random within every set of 20 samples (1-20, 21-40, 41-60, etc…). Three different Au standards were also submitted at random within every set of 30 samples (1-30, 31-60, 61-90, etc…).

All of the samples were cut by a contracted technician or the geologist himself on a masonry saw. One half of the core was placed back in the core tray and the other bagged and tagged for the purpose of assaying. A total of 358 samples; 220 from the 2013 program and 138 from the 2015 program were delivered to Accurassay Laboratories in Thunder Bay, Ontario for analysis of Au.

As part of the MEK's QA/QC protocal, ten percent of the original samples were split from reject material and sent to a second laboratory for Au analysis and comparison. The check samples were sent to AGAT Labs in 2013 and Actlabs in 2015 in Thunder Bay, Ontario.

Conclusions and Recommendations

The 2013 drilling of the Thomas Ogden Zone resulted in the intercepting of folded and mineralized sediments and felsite dikes that contain abundant pyrite and sporadic arsenopyrite mineralization with variable gold assays. The best intercept attained from this drilling was 1.908g/t Au over 17.05m including 4.211g/t Au over 6.05m from hole TOG-13-36. As thought, the drilling proved the stratigraphy is complexly folded and faulted. Much more drilling is recommended to try and delineate the orientation of the folding and potential high-grade plunges.

The shallow drilling within South Zone resulted in multiple zones of albite/sericite alteration hosting variable arsenopyrite and pyrite mineralization. The multiple gold zones provides evidence that poorly understood hanging-wall mineralization may be of significant interest. These three holes returned gold intercepts up to 3.73g/t Au over 7.49m and 2.84g/t Au over 8.29m. Further diamond drilling is recommended to check the continuity of the main and hanging-wall mineralized zones to depth. Downhole induced polarization surveys may be beneficial to identify mineralization to depth and possible shoots.

Expenditures

Below is a list of expenditures incurred for the **2013** diamond drilling program.

Diamond Drilling – 4 holes – 1,129 meters + core shack rental	**$ 89,006.00**
Geologists/Geotech Labour	
Geo drill program supervision/logging @ $350/day – 14 days	**$ 4,900.00**
Contract labour @ $20/hr – 33 hours	**$ 660.00**
Planning/Data Comp/Report Writing	$ **1,400.00**
Assays – Primary samples - 220 samples	**$ 4,069.00**
Check samples – 22 samples	**$ 405.00**
Accommodations & Food	**$ 2,227.00**
Transportation	**$ 847.00**
Supplies – saw blade, dymo tape etc.	**$ 175.00**
Total	**$103,689.00**

Below is a list of expenditures incurred for the **2015** diamond drilling program.

Diamond Drilling – 3 holes – 397.4 meters + core shack rental	**$ 37,592.00**
Geologists/Geotech Labour	
Geo drill program supervision/logging @ $350/day – 7 days	**$ 2,450.00**
Assistant labour @ $500/day – 5 days	**$ 2,500.00**
Planning/Data Comp/Report Writing	$ **1,050.00**
Assays – Primary samples - 138 samples	**$ 2,972.00**
Check samples - 15 samples	**$ 365.00**
Accommodations & Food	**$ 1,536.00**
Transportation	**$ 707.00**
Supplies – saw blade, dymo tape etc.	**$ 41.00**
Total	**$ 49,213.00**

References

Brown, P.
2005: Porcupine Joint Venture Report on the 2005 Exploration Program Timmins West ProjectOgden and Thorneloe Twps. Timmins, Ont.

Kirwin, L,J.
1999: Geological Report – The Ogden and Deloro Townships Property, Ontario.

Rhys, D.
2004: Memo to Porcupine Joint Venture on the Timmins West structure.

APPENDIX I

STATEMENT OF QUALIFICATIONS

I, Don Heerema Jr., hereby certify that:

1. I am a practicing geologist in Thunder Bay, Ontario and reside at 26 Burriss St., Thunder Bay, Ontario, P7A 3C9.
2. I am a graduate of Lakehead University with a HBSc. in Geology.
3. I am a Canadian Citizen.
4. I have practiced my profession full time since graduation in 2002.
5. I am a practicing member of the Association of Professional Geoscientists of Ontario. (Registration #1528)
6. I do not have, nor do I expect to receive, directly or indirectly, any interest in the properties of Metals Creek Resources.

Signature: 

Date: September 30, 2015

APPENDIX I

DRILL LOGS

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

PROPERTY:	Ogden	CLAIM NO.:	4953SEC			DOWNHOLE SURVEY METHOD: EZ Shot	REMARKS: Downhole surveys @ 41m 359 az -54.2 dip, 92m 358.9 az -53.7 dip, 143m 358.7 az -53.4 dip, 194m 359 az -53.8 dip, 242m 358.2 az -53.9 dip and 296m 359.8 az -54.5 dip (all corrected azimuths)
HOLE NO.:	TO13-035	LENGTH (m):	329.0	CORE SIZE:	NQ	DOWNHOLE SURVEY BY: Drillers	
COORD SYSTEM:	UTM Nad 83	NORTHING:	5362510.000	EASTING:	471528.000	COLLAR SURVEY BY: Don	
SECTION:	TZ_1475W	ZONE:	Thomas Ogden	ELEVATION (m):	283.000	DRILLING COMPANY: Norex	
COLLAR ORIENTATION (AZIMUTH/DIP)		PLANNED:	359. / -51.5	SURVEYED:	1.000 / -1.000	DATE LOGGED: Nov. 13, 2013 TO Nov. 15, 2013	Core Storage: Norex compound
HOLE STARTED:	November 11, 2013	HOLE FINISHED:	November 14, 2013	MAG:	10.75º w	LOGGED BY: D.Heerema	Page 1 of 8

METERAGE FROM	METERAGE TO	DESCRIPTION	ROCK CODE	Alt'n	SAMPLES No.	SAMPLES FROM	SAMPLES TO	SAMPLES LENGTH	SAMPLES %Py	SAMPLES %Ars	ASSAYS Pd (g/t)	ASSAYS Pt (g/t)	ASSAYS Au (g/t)	ASSAYS Cu (%)	ASSAYS Ni (%)	ASSAYS Co (%)	ASSAYS Zn (%)	ASSAYS Ag (ppm)
0.00	31.00	**OVERBURDEN**																
31.00	42.40	**FRAGMENTAL** Green to grey fine-grained unit containing approximately 5-6% elongate white to cream coloured pyroclastic fragments. The unit is extremely fractured and pitted and may represent part of a brittle fault system.																
42.40	76.60	**TUFF** This unit is variable in appearance as a result of alteration. Foliated at 75-80 degrees tca, fine chlorite stringers are oriented parallel to foliation. The rock is a green/grey to locally orange/rust colour as a result of more localized carbonate alteration. Chlorite flecks throughout the rock at 20% give the rock a speckled appearance. Narrow secondary quartz stringers are not uncommon. No visible sulphides to note. This unit is more competent than the fragmental above but still has fairly abundant fracturing.																

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-035

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
76.60	101.00	**FRAGMENTAL** Green/grey fine-grained and speckled groundmass that contains varying sizes and amounts of pyroclastic fragments. The fragments are generally a beige to green/yellow coloured and range from <1cm to 3-4cm in diameter and are stretched at 65-70 degrees to ca. Alteration throughout the unit consists of chlorite, sericite, hematite and lesser carbonate. The unit is fairly homogenous with the exception of a heavily carb and sericite altered section from 81.90 to 85.40m. This alteration is associated with fractures and small ground sections. Lower contact is gradational and subjective.																
101.00	143.73	**CHLORITE SCHIST** The upper 2.3m is more massive with a speckled appearance that gradationally changes to a deep green foliated unit with thin white qtz/felds stringers at 55-60 degrees tca. By 106m the unit is a moderately deep green colour with minor and patchy areas of brighter green chlorite or fuchsite. The unit also starts to become intruded by fairly irregular and contorted quartz/felds stringers and veinlets up to 5cm in diameter. The secondary structures are generally oriented parallel to foliation at 45-50 degrees tca and show strong evidence of folding. The foliation shallows to 5-10 degrees tca at 222m. Coarse spinifex texture from 142.40 to 143.73m. Minor cubic pyrite here and there. Moderate fracturing and hard. 103.05 - 103.64m: brittle fault zone -sub-rounded material with evidence of water 121.41 - 121.73m: felsic dike at 65 degrees tca -peach colouration with albite alteration -white and semi-transparent quartz veinlets and stringers at 45	chl sch		001	120.41	121.41	1.00	-	-			0.002					
			F.Dk		002	121.41	121.73	0.32	0.5	-			0.014					
			chl sch		003	121.73	122.73	1.00	-	-			0.002					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-035

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		degrees tca. -very fine to coarser pyrite at 0.5%																
143.73	251.96	**ULTRAMAFICS** Softer and darker unit of serpentine and talc altered ultramafics with 10-20% secondary quartz/felds stringers and veinlets similar to the chlorite schist above. The unit is heterogeneous based upon variable alteration types, amounts of secondary veining and angle to foliation. From 143.73 to 168.50m the rock is soft with tremendous serpentine and talc alteration forming localized brecciated sections with a ductile deformation. Fairly competent with few fractures and narrow fault seams. The foliation is generally at 45-55 degrees tca. Local pyrite. 156.40 - 156.67m: fault zone at 25 degrees tca 163.10 - 164.00m: fault zone at 15 degrees tca From 168.50 to 180.40m is a portion containing stronger secondary quartz/felds stringers and veinlets within a stronger and shallowing foliation. Foliation angles range from parallel to 40 degrees tca. Much of the hard quartz/feld veinlets are parallel to foliation but occasional cross-cutting stringers exist. As well, evidence of folding can be seen in folded and irregular veinlets. Micro-faulting have truncated and off-set some secondary stringers on a mm-scale. Associated with the more abundant veinlets and banding is weak to moderate grey-carbonate alteration. Local pyrite. From 168.50 to 190.20m is a section of soft and brecciated ultramafics consisting of elongate to sub-rounded ultramafic	um		004	189.20	190.20	1.00	-	-			0.002						
			carb um		005	190.20	191.20	1.00	0.5	-			0.010					
			carb um		006	191.20	192.10	0.90	0.5	-			0.002					
			carb um		007	192.10	192.90	0.80	0.75	-			0.014					
			um		008	192.90	193.90	1.00	-	-			0.002					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-035

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)

clasts within a soft white/green serp/talc matrix. The unit has the appearance of a ductile zone. Little to no secondary quartz/feld stringers.

From 190.20 to 192.90m is a section of tremendous dark grey/brown carbonate alteration that appears to form stringers and bands within green fuchsite/chlorite banding. The foliation is sub-parallel tca. The dark carbonate bands are brecciated by the green alteration type matrix. Very few late quartz stringers randomly cross-cut this sub-unit. Trace to 1% pyrite mineralization.

From 192.20 to 251.96m the rock is a ductile looking unit of brecciated ultramafic similar to the rock above the carbonate zone. The unit is foliated at 5-10 degrees tca with elongate rounded clasts of ultramafic within a soft serp/talc matrix; clast dominant at 85%. The foliation stays parallel or very shallow tca to 240.33m where after a fault the foliation is closer to 50 degrees tca. Occasional section of harder and more carbonate altered material below 240.33m

224.69 - 227.00m: fault zone with numerous gouge seams ranging from sub-parallel to 25 degrees tca.

238.50 - 240.33m: fault zone at approximately 35 degrees tca containing numerous gouge seams from 3cm to 35cm wide.

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-035

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
251.96	265.70	**FAULT ZONE** This is a major fault zone that contains areas of both brittle and ductile deformation. Areas of carbonate alteration are less fractured and gouged. The areas of serpentine and talc alteration are extremely fractured and ground producing gouge seams. Weak mylonitic textures locally. Approx 60% of this fault is less than 10cm material with numerous gouge seams. The orientation of the seams range from sub-parallel to 60 degrees tca. The host ultramafics are foliated at all sorts of angles tca and deeper in the unit the foliation is so strong that thin silicified banding parallel to the foliation has occurred. The foliation deeper in the unit shows strong evidence of folding and small mm-scale right-lateral off-setting. 262.14 - 262.19m: silicified clast caught up in a gouge seam that appears to pre date the faulting 263.70m: a 3cm wide silicified band that is well deformed and folded. 264.10 - 265.33m: silicified and dike-like section of very fine-grained grey silicification and bleaching that has been intruded by 75% late quartz stringers and veinlets and later broken up in the fault zone. The quartz veining is composed of white and semi-transparent quartz. The lower contact contains angular peach coloured and albitized shards within the quartz veining. Small scale off-sets show evidence of right-lateral or dextral movement. Fine to coarse blebby pyrite present between 263.90 and 264.25m found associated with quartz veining.	F.Z		009	260.00	261.50	1.50	-	-			0.007						
			F.Z		010	261.50	263.00	1.50	-	-			0.005						
			F.Z		011	263.00	263.90	0.90	-	-			0.025						
			F.Z		012	263.90	264.80	0.90	0.75	-			0.126						
			Standard		013	264.80	264.80	0.00					3.085						
			F.Z		014	264.80	265.70	0.90	tr	-			0.016						

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-035

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
265.70	267.20	**ULTRAMAFICS** Well foliated with some silicified bands that show evidence of folding and breaking. Foliation at 35-40 degrees tca with a weak mylonitic texture and micro-faults. Occasional truncated secondary quartz stringer/veinlet crosses foliation like gash fractures. Clotty pyrite found within quartz veinlets at around 267m.	um		015	265.70	266.45	0.75	tr	-			0.144					
			um		016	266.45	267.20	0.75	0.75	-			0.049					
267.20	271.25	**SILICIFIED ZONE** 80% of the unit is a fine-grained buff grey silicified ultramafic that has been intruded or flooded by late quartz veining. The alteration has masked and overprinted original textures for the most part, with small windows that show a weak foliation and banding. The last 95cm of the unit contains brecciated banded and clots of beige/brown albite alteration. This albite alteration shows banding that has been brecciated by quartz veining as well as a numerous and parallel series of micro-faults showing off-sets with left-lateral displacement of 1-5mm. Quartz structures are not off-set by hairline micro-fractures and post-date the original brecciating event. The off-setting structures are oriented from 60-70 degrees tca. The quartz stringers and veinlets range from 1mm to 6cm in width and in places form a stockwork type array of randomly oriented structures averaging approx 25% of the unit. Larger veins are composed of subhedral to euhedral transparent quartz crystals set within finer white quartz/calcite. Most of the stringers and veinlets are composed of transparent and white feldspars that have crystal growths perpendicular to the orientation of the vein walls. Associated with the quartz is clotty dark chlorite and sulphide mineralization. The sulphides are in the form of very fine pyrite to coarser blebs of pyrite and pyrrhotite. The mineralization appears confined to the quartz structures and is not found within the altered host rock. The sulphide content is approximately	sil zone		017	267.20	268.20	1.00	2	-			0.009					
			sil zone		018	268.20	269.20	1.00	2	-			0.101					
			Blank		019	269.20	269.20	0.00					0.002					
			sil zone		020	269.20	270.20	1.00	2	-			0.026					
			sil zone		021	270.20	271.25	1.05	2	-			0.039					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-035

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		2% throughout at approx 5:1 pyrite to pyrrhotite.																
271.25	271.95	**ULTRAMAFICS** Extremely soft with serpentine and talc alteration.	um		022	271.25	271.95	0.70	-	-			0.149					
271.95	277.60	**ALTERED GREYWACKE** This unit is a poorly sorted unit with weak evidence of what looks like graded bedding. The unit is well foliated at 35-40 degrees tca and has an olive green colouration to it. It appears that the occasional remnant pebble is present. The unit appears to become finer grained to more of an argillite by the base of the unit. Not 100% sure this unit is sediment and may be altered ultramafic but has more of a sedimentary appearance and texture as seen in other holes of the Thomas Ogden area. Trace pyrite mineralization at best.	grwk		023	271.95	273.00	1.05	tr	-			0.296					
			grwk		024	273.00	274.00	1.00	tr	-			0.008					
			grwk		025	274.00	275.00	1.00	-	-			0.002					
			grwk		026	275.00	276.00	1.00	-	-			0.002					
			grwk		027	276.00	277.00	1.00	-	-			0.022					
			grwk		028	277.00	277.60	0.60	-	-			0.010					
277.60	329.00	**ULTRAMAFICS** Well foliated unit and fairly competent with the exception of fault activity between 288.82 and 295.83m. The rocks are serpentine altered but not nearly as talc altered as above. The rocks exhibit some ductile deformation with anastomosing serpentine slips and localized tectonic breccias. Trace pyrite at best. 288.82 - 291.60m: fault at 30 degrees tca with extensive talcy gouge and fracturing.	um		029	277.60	278.60	1.00	-	-			0.002					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-035

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)

292.60 - 293.10m: fault at 15 degrees tca

294.66 - 295.83m: fault at 45 degrees tca
-talcy gouge and gravel type material

Printed: Wednesday, July 15, 2015

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

PROPERTY:	Ogden	CLAIM NO.:	4953SEC			DOWNHOLE SURVEY METHOD: EZ Shot	REMARKS: Downhole surveys @ 48m 351.9 az -46.5 dip, 108m 354.2 az -46.9 dip and 150m 354.9 az -47.2 dip (all corrected azimuths)
HOLE NO.:	TO13-036	LENGTH (m):	204.0	CORE SIZE:	NQ	DOWNHOLE SURVEY BY: Drillers	
COORD SYSTEM:	UTM Nad 83	NORTHING:	5362510.000	EASTING:	471618.000	COLLAR SURVEY BY: Don/Jeff (GPS)	
SECTION:	TZ_1400W	ZONE:	Thomas Ogden	ELEVATION (m):	280.000	DRILLING COMPANY: Norex	
COLLAR ORIENTATION (AZIMUTH/DIP)		PLANNED:	351. / -46.0	SURVEYED:	1.000 / -1.000	DATE LOGGED: Nov. 15, 2013 TO Nov. 16, 2013	Core Storage: Norex compound
HOLE STARTED:	November 14, 2013	HOLE FINISHED:	November 16, 2013	MAG:	10.75º w	LOGGED BY: D.Heerema	Page 1 of 10

METERAGE FROM	METERAGE TO	DESCRIPTION	ROCK CODE	Alt'n	SAMPLES No.	SAMPLES FROM	SAMPLES TO	SAMPLES LENGTH	SAMPLES %Py	SAMPLES %Ars	ASSAYS Pd (g/t)	ASSAYS Pt (g/t)	ASSAYS Au (g/t)	ASSAYS Cu (%)	ASSAYS Ni (%)	ASSAYS Co (%)	ASSAYS Zn (%)	ASSAYS Ag (ppm)
0.00	36.60	**OVERBURDEN**																
36.60	47.45	**FRAGMENTAL** This unit is composed of varying degrees of chlorite, fe-carbonate and hematite alteration. The fragmental is a green/grey to rusty colour. The alteration is gradational and generally associated with a well fractured area. Fe-carb is found as localized bands to pervasive sections. The fragments are cream coloured to rust coloured and elongated parallel to foliation at 80 degrees tca. Narrow fracture zones that may represent brittle faults. 40.00 - 41.12m: fracture zone/brittle fault 45.17 - 45.60m: fracture zone/brittle fault 46.42 - 46.52m: fracture zone/brittle fault																
47.45	67.55	**CHLORITE SCHIST**																

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-036

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		The upper portion to 49.25m is more massive in texture with a weak speckled appearance and weak purplish/violet k-spar alteration. This is typically seen between the chlorite schist and adjacent fragmental/tuff unit. Below the more massive contact, the unit becomes a very dark green chlorite rich unit with a foliation at approx 70-80 degrees to ca. The unit is commonly cross-cut by younger quartz and fe-carb stringers of random orientation averaging approx 10-15% of the unit. Weak crenulations and folds evident. Pitting and fracturing common throughout. Occasional fracture that shows evidence of ground water movement with rust, pitting and carbonate alteration. Pyrite mineralization present from 51.45 to 53.10m is thin irregular stringers and fine blebs that form weak stringers upto 3% over 10cm areas. 51.30 to 51.43m: fracture zone 54.64 - 54.73m: fracture zone 58.73 - 59.07m: fracture zone 64.46 - 64.60m: fracture zone																
67.55	96.46	**ULTRAMAFICS** Highly foliated and crenulated ultramafics with a wavy appearance like that rocks have been heavily compressed. Moderate serpentine and chlorite alteration but the unit is moderately fe-carb altered with local areas of a brown to rust colour. Due to extreme tectonism, the unit is composed of numerous white stringers and bands that are crenulated, folded and truncated by tiny hairline healed faults. Local areas of moderate to strong fuchsite alteration with associated quartz veining. Near the base of the unit, carbonate alteration appears	um		001	84.20	85.20	1.00	-	-			0.002					
			um		002	85.20	85.36	0.16	0.5	-			0.002					
			um		003	85.36	86.36	1.00	-	-			0.002					
			um		004	95.46	96.46	1.00	-	-			0.002					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-036

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		to have replaced the quartz/felds stringers. 85.60m: a 5cm semi-transparent quartz vein with wavy contacts at 10 degrees tca 85.34m: a 2.5cm semi-transparent quartz vein at 40 degrees tca. -associated with this vein is significant silicification and fuchsite alteration from 185.23 to 186.36m. Clotty fuchsite as well as minor albitization present. Fine disseminated pyrite throughout at <0.5% and one chalcopyrite bleb of 7mm x 2mm at 185.33m. This cpy is found within a quartz stringer that cuts perpendicular to the foliation and other quartz veinlets at 85 degrees tca. 93.77 to 95.06m: is missing and drillers note a seam. Only 10cm of remnant gravel material remains. Likely a fault																
96.46	113.70	**FAULT ZONE** Extremely weathered, altered and ground up fault that looks like a brown-rusty clay zone. Remnant pieces of bleached rock exist never exceeding more than 15cm in length. Recoveries are very poor at approximately 30%. Gouge seams of clay to 1cm size particles are held together by the clay. Foliation and fractures are commonly at 75-80 degrees tca. Rocks within the fault start off slightly darker than the rocks below 110.80m and below 110.80 the first sign of remnant clasts are visible.	FZ		005	96.46	99.00	2.54	-	-								0.002
			FZ		006	99.00	102.00	3.00	-	-								0.002
			FZ		007	102.00	105.00	3.00	-	-								0.013
			FZ		008	105.00	108.00	3.00	-	-								0.002
			FZ		009	108.00	111.00	3.00	-	-								0.086
			FZ		010	111.00	113.70	2.70	-	-								0.096

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-036

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
113.70	124.95	**ALTERED CONGLOMERATE** Due to the closeness and size of the adjacent fault zone, this unit is moderately to strongly and basically pervasively bleached to a cream colour for the most part. The groundmass has a beige colouration while the clasts are basically white to cream coloured. Small sections of less altered material exist as green/grey fine groundmass hosting elongate to sub-rounded felsic pebbles to small cobbles. The unit contains approximately 50% clasts. The unit is foliated at 50 degrees tca. Occasional green fuchsite clasts as small elongate pieces. Below 122.40m the rock is less bleached, with moderate beige/brown albitization, sericite bands, fuchsite wisps and bands and weak silicification. The entire unit is fairly fractured; particularly in the areas in closer proximity to faults. Pitting extremely common also. Trace rusted cubes of pyrite. 124.64 - 124.95m: brittle fault zone at 55 degrees tca -naturally ground shards of conglomerate at quartz veining	congl		011	113.70	115.00	1.30	tr	-			0.002					
			congl		012	115.00	116.00	1.00	tr	-			0.002					
			congl		013	116.00	117.00	1.00	tr	-			0.002					
			congl		014	117.00	118.00	1.00	tr	-			0.002					
			congl		015	118.00	119.00	1.00	tr	-			0.002					
			Blank		016	119.00	119.00	0.00					0.002					
			congl		017	119.00	120.00	1.00	tr	-			0.006					
			congl		018	120.00	121.00	1.00	-	-			0.237					
			congl		019	121.00	122.00	1.00	-	-			0.002					
			congl		020	122.00	123.00	1.00	-	-			0.002					
			congl		021	123.00	124.00	1.00	-	-			0.023					
			congl		022	124.00	124.95	0.95	-	-			0.017					
124.95	145.00	**FELSITE** The upper portion of this unit to 130.60m is a grey smokey coloured qtz-rich unit composed of approx 95% qtz with feldspar with secondary quartz stringers and veinlets and sulphides making up the remaining 5%. The qtz content varies slightly throughout. Texturally the unit is massive with tiny qtz eyes (phenos or matrix?) and localized areas of white feldspar phenos having distinct grain boundaries. The unit essentially looks like marble with thin white discontinuous stringers and healed fractures within a grey groundmass. Occasional brown albitized stringer. The unit could be called a quartzite with a gradational lower contact. Quartz flooding appears to be in at	fel		023	124.95	126.00	1.05	3	-			19.918					
			fel		024	126.00	127.00	1.00	4	-			0.791					
			fel		025	127.00	128.00	1.00	3	-			0.153					
			fel		026	128.00	129.00	1.00	3	-			1.795					
			fel		027	129.00	130.00	1.00	3	-			0.683					
			Standard		028	130.00	130.00	0.00					0.766					
			fel		029	130.00	131.00	1.00	4.5	-			1.138					
			fel		030	131.00	132.00	1.00	1	-			0.046					
			fel		031	132.00	133.00	1.00	0.5	-			0.007					
			fel		032	133.00	134.00	1.00	0.5	-			0.008					
			fel		033	134.00	135.00	1.00	0.5	-			0.538					
			fel		034	135.00	136.00	1.00	1	0.25			1.147					
			fel		035	136.00	137.00	1.00	0.5	-			3.086					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-036

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		least two phases. Phase 1 appears to be associated with the mineralization and phase 2 is youngest and appears as brilliant white stringers and wisps that have intruded and displaced mineralization.	fel		036	137.00	138.00	1.00	0.5	-			0.264					
			Blank		037	138.00	138.00	0.00					0.002					
			fel		038	138.00	139.00	1.00	0.75	-			0.451					
			fel		039	139.00	140.00	1.00	0.5	-			0.364					
			fel		040	140.00	141.00	1.00	0.5	-			0.478					
		Below 130.60 to 145.00m is heterogeneous section of extremely quartz-rich felsite as above and sections of sericite altered felsite or conglomerate with a weak foliation at 55 degrees tca. Contacts are gradational. The sericite alteration appears to be altered matrix material hosting felsic clasts but contacts are diffuse. Only one section from 136.40 to 136.58m shows evidence of clasts where stretched felsic clasts are set within a chlorite altered groundmass. Few fuchsite shards. Occasional fractures have rusty alteration halos of 5 to 25cm. Generally less pyrite mineralization than the super siliceous felsite.	fel		041	141.00	142.00	1.00	0.25	-			0.665					
			fel		042	142.00	143.00	1.00	0.25	-			0.043					
			fel		043	143.00	144.00	1.00	0.25	-			0.002					
			fel		044	144.00	145.00	1.00	0.25	-			0.432					
		Fine disseminated pyrite present throughout averaging approximately 1.0 - 4.0%. Occasional areas of weak stringer style mineralization. Pyrrhotite stringers are evident along the contacts of quartz flooding from 130.36 to 130.54m. Around 135.60m is arsenopyrite associated with pyrite and an fine wiry grey mineral.																
		General breakdown of sericite altered sections..... 130.60 - 134.00m, 136.17 - 136.95m, 139.40 - 139.60m, 140.33 - 141.12m, 141.65 - 144.50m																

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-036

METERAGE FROM	METERAGE TO	DESCRIPTION	ROCK CODE	Alt'n	SAMPLES No.	SAMPLES FROM	SAMPLES TO	SAMPLES LENGTH	SAMPLES %Py	SAMPLES %Ars	ASSAYS Pd (g/t)	ASSAYS Pt (g/t)	ASSAYS Au (g/t)	ASSAYS Cu (%)	ASSAYS Ni (%)	ASSAYS Co (%)	ASSAYS Zn (%)	ASSAYS Ag (ppm)
145.00	169.06	**CONGLOMERATE** A heterogeneous unit of conglomerate that varies from clast poor to clast rich sections as well as a composition change in clast types. The unit starts off with moderate sericite alteration and silicification with diffuse clast contacts that gradationally decreases downhole to a green/grey moderately chloritic groundmass. The grain size is generally silt to sand for the groundmass containing creamy felsic to deep green mafic pebbles up to 4cm. The more mafic clasts exhibit more stretching and elongation than the felsic clasts. Generally felsic clast dominant at 4:1 felsic to mafic clasts. Foliation of the clasts is at 70 degrees tca. Occasional pyrite stringer parallel to foliation. 156.86 - 157.04: brittle fault at 60 degrees tca 157.59 - 158.00m: brittle fault at 70 degrees tca with poker chip like core 158.00 - 158.22m: porphyritic dike? -massive with a gritty appearance and 1.5% rusty cubic pyrite 160.50 to 162.87m: a coarse grey sand dominant section with 3-4% quartz to elongate felsic clasts. One elongate red jasper fragment at 160.85m. 162.87 to 164.61m: is a clast rich conglomerate of ultramafic clasts that are moderately chlorite/grey carb altered giving the appearance of an ultramafic. Occasional quartz pebble 164.61 to 166.93m: a coarse grey sand dominant section with 10% quartz pebbles. Late quartz flooding from 165.01 to	congl		045	145.00	146.00	1.00	-	-			0.040						
			congl		046	146.00	147.00	1.00	-	-			0.002						
			congl		047	147.00	148.00	1.00	-	-			0.017						
			congl		048	148.00	149.00	1.00	-	-			0.002						
			congl		049	149.00	150.00	1.00	-	-			0.002						
			Standard		050	150.00	150.00	0.00					2.722						
			congl		051	150.00	151.00	1.00	tr	-			0.014						
			congl		052	151.00	152.00	1.00	-	-			0.008						
			congl		053	152.00	153.00	1.00	0.25	-			0.002						
			congl		054	153.00	154.00	1.00	0.5	-			0.002						
			congl		055	154.00	155.00	1.00	0.25	-			0.002						
			congl		056	155.00	156.00	1.00	0.25	-			0.002						
			Blank		057	156.00	156.00	0.00					0.002						
			congl		058	156.00	157.00	1.00	-	-			0.002						
			congl		059	157.00	158.00	1.00	-	-			0.002						
			congl		060	158.00	159.00	1.00	0.5	-			0.002						
			congl		061	159.00	160.00	1.00	1	-			0.006						
			congl		062	160.00	161.00	1.00	0.5	-			0.002						
			congl		063	161.00	162.00	1.00	-	-			0.002						
			congl		064	162.00	163.00	1.00	-	-			0.087						
			congl		065	163.00	164.00	1.00	-	-			0.002						
			congl		066	164.00	165.00	1.00	0.25	-			0.002						
			congl		067	165.00	166.00	1.00	0.25	-			0.002						
			congl		068	166.00	167.00	1.00	tr	-			0.002						
			congl		069	167.00	168.00	1.00	0.25	-			0.002						
			congl		070	168.00	169.06	1.06	-	-			0.002						

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-036

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		165.33m with minor very fine pyrite mineralization. 166.88 - 167.60m: intermediate dike with sharp and wavy contacts at 80 degrees tca -grey and coarser-fine-grained -massive with 0.5% very fine pyrite -a clast of conglomerate within 167.60 - 167.82m: ultramafic clast dominant conglomerate 167.82 - 168.16m: intermediate dike at 62 degrees tca 168.40 to 169.06m: well foliated conglomerate containing clasts of quartz, felsic intrusive and ultramafics.																	
169.06	176.63	**ARGILLITE** Grey to black unit of fine silt to aphanitic muds. Graded bedding evident from mm-scale to dc-scale beds of silts to muds. The younging is downhole or northward. Bedding shows little evidence of distortion or late folding. Late quartz stringers and veinlets cross-cut the unit and show minor evidence of tectonism. Bedding angles start at 65 degrees tca and shallow to 52 degrees by the base of the unit. A very fine cleavage can be seen perpendicular to bedding in very fine hairline black stringers. Little to no alteration. Trace pyrite at best.	arg		071	169.06	170.00	0.94	tr	-								0.002
			arg		072	170.00	171.00	1.00	tr	-								0.002
			Blank		073	171.00	171.00	0.00										0.002
			arg		074	171.00	172.00	1.00	-	-								0.002
			arg		075	172.00	173.00	1.00	-	-								0.002
			arg		076	173.00	174.00	1.00	tr	-								0.002
			arg		077	174.00	175.00	1.00	tr	-								0.002
			arg		078	175.00	175.90	0.90	tr	-								0.002
			arg		079	175.90	176.63	0.73	tr	-								0.002

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-036

METERAGE FROM	METERAGE TO	DESCRIPTION	ROCK CODE	Alt'n	SAMPLES No.	SAMPLES FROM	SAMPLES TO	SAMPLES LENGTH	SAMPLES %Py	SAMPLES %Ars	ASSAYS Pd (g/t)	ASSAYS Pt (g/t)	ASSAYS Au (g/t)	ASSAYS Cu (%)	ASSAYS Ni (%)	ASSAYS Co (%)	ASSAYS Zn (%)	ASSAYS Ag (ppm)
176.63	187.35	**GREYWACKE** This wacke unit is a soft olive green to grey colour and relatively massive but sections of the unit show weak bedding. Argillite beds are present also with generally gradational contacts. The alteration masks some contacts as well as bedding. The alteration is pervasive weak chloritization with yellow sericite bands. Late quartz stringers are few in numbers and carry pyrite mineralization deeper in the unit. Evidence of tectonism becoming more apparent downhole with folded quartz stringers and micro-faults. 178.55 - 179.20m, 179.50 - 180.92m: argillte units of significance	grwk		080	176.63	177.63	1.00	tr	-			0.002					
			grwk		081	177.63	178.63	1.00	tr	-			0.007					
			Standard		082	178.63	178.63	0.00					1.403					
			grwk		083	178.63	179.63	1.00	0.25	-			0.009					
			arg		084	179.63	180.63	1.00	0.25	-			0.002					
			grwk		085	180.63	181.63	1.00	-	-			0.002					
			grwk		086	181.63	182.63	1.00	-	-			0.021					
			grwk		087	182.63	183.63	1.00	-	-			0.002					
			grwk		088	183.63	184.63	1.00	<0.25	-			0.002					
			grwk		089	184.63	185.63	1.00	0.25	-			0.002					
			grwk		090	185.63	186.53	0.90	0.25	-			0.002					
			grwk		091	186.53	187.35	0.82	0.25	-			0.002					
187.35	188.06	**INTERMEDIATE DIKE** Fine-grained, hard and massive purplish/grey dike with sharp contacts Fine pyrite mineralization within at approx 1%. Within the dike from 187.64 to 187.87m is a clast of argillite that has an influx of narrow quartz stringers and pyrite mineralization. The begging angles of the argillite clast now sits parallel tca. Upper and lower dike contacts are at 45 and 20 degrees tca respectively.	I.Dk		092	187.35	188.06	0.71	0.5	-			0.002					
188.06	189.09	**GRAPHITIC ARGILLITE** Black, aphanitic argillite with bedding at 47 degrees tca. The beds are extremely narrow (1-2mm) that exhibit graded bedding from grey bottoms to black tops. Bedding has been folded with evidence of tight waves over 20cm sections. Pyrite mineralization throughout as fine dissemination, thin stringers and massive 2.5cm seams parallel to bedding. Overall pyrite content of approximately 6%. Massive seams are associated	grph arg		093	188.06	189.09	1.03	6	-			0.131					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-036

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		with silicification; possibly from the adjacent diking.																
189.09	189.91	**INTERMEDIATE DIKE** Fine-grained purplish-grey massive dike with weak albitization. Contacts are sharp at 80 and 65 degrees tca. The dike is cross-cut by black chloritic stringers as well as white quartz gash fractures. The chlorite stringers are oriented at approx 60 degrees tca and the quartz filled gash fractures are oriented perpendicular to the chlorite structures. Very fine to fine dust like pyrite mineralization throughout at approx 5-6%.	I.Dk		094	189.09	189.91	0.82	6	-			0.040					
189.91	190.67	**GRAPHITIC ARGILLITE** Aphanitic unit with a strong folding as seen in disturbed beds as well as fine quartz/pyrite stringers. Some beds appear to be folded over themselves. Overall pyrite content of 3-4%, with no massive seams like above.	grph arg		095	189.91	190.67	0.76	4	-			0.052					
			Blank		096	190.67	190.67	0.00					0.002					
190.67	204.00	**ULTRAMAFICS** The ultramafics are well foliated with serpentine and tremendous talc alteration. Soft wavy feel. Weak brecciated appearance. 190.67 to 190.90m is a section of the same intermediate dike at noted above. Secondary quartz veining at 30 degrees tca. Lower contact is ground away. End of hole	um		097	190.67	191.67	1.00	tr	-			0.289					
			um		098	191.67	192.67	1.00	-	-			0.167					
			um		099	192.67	193.67	1.00	-	-			0.084					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-036

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)

Printed: Wednesday, July 15, 2015

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

PROPERTY:	Ogden	CLAIM NO.:	4953SEC			DOWNHOLE SURVEY METHOD: EZ Shot	REMARKS: Corrected surveys @ 39m 342.5 az -55.4 dip, 90m 343.3 az -54.9 dip, 141m 343.7 az -54.4 dip, 192m 344.1 Az -53.9 dip, 243m 343.4 az -54.2 dip, 294m 344.9 az -55.4 dip and 345m 344.3 az -55.8 dip.
HOLE NO.:	TO13-037	LENGTH (m):	357.0	CORE SIZE:	NQ	DOWNHOLE SURVEY BY: Drillers	
COORD SYSTEM:	UTM Nad 83	NORTHING:	5362498.000	EASTING:	471522.000	COLLAR SURVEY BY: Don (GPS)	
SECTION:	N/A	ZONE:	Thomas Ogden	ELEVATION (m):	283.000	DRILLING COMPANY: Norex	
COLLAR ORIENTATION (AZIMUTH/DIP)		PLANNED:	341. / -55.0	SURVEYED:	1.000 / -1.000	DATE LOGGED: Nov. 08, 2013 TO Nov. 11, 2013	Core Storage: Norex compound
HOLE STARTED:	November 07, 2013	HOLE FINISHED:	November 11, 2013	MAG:	10.75º w	LOGGED BY: D.Heerema	Page 1 of 5

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
0.00	23.00	**OVERBURDEN**																
23.00	34.90	**FAULT ZONE** This unit is extremely bleached, carbonatized and fractured. Portions of the unit have been ground away as a result of the rottenness of the rock. The rock is a beige/brown colour with evidence of tremendous ground water movement. Numerous gouge seams present. Appears to be a bleached tuff. Lower contact is ground away.																
34.90	54.40	**FRAGMENTAL** Deep green in colour with few beige/orange fragments of bomb material. Most of the unit is a homogenous green unit. The clasts are more localized and moderately flattened. Fragment poor unit. The unit is extremely fractured and blocky with strong pitting as a result of groundwater dissolving minerals.																
54.40	92.70	**TUFF**																

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-037

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		This unit is variable in appearance as a result of alteration. Foliated at 65-70 degrees tca, fine chlorite stringers are oriented parallel to foliation. The rock is a green/grey to locally orange/rust colour as a result of more localized carbonate alteration. Chlorite flecks throughout the rock at 20% give the rock a speckled appearance. Narrow secondary quartz stringers are not uncommon. No visible sulphides to note. This unit is much more competent than the fragmental above.																
92.70	122.25	**FRAGMENTAL** Green/grey fine-grained and speckled groundmass that contains varying sizes and amounts of pyroclastic fragments. The fragments are generally a beige to green/yellow coloured but locally are hematized to a soft violet/purple colour. The fragments range from <1cm to 3-4cm in diameter and are stretched at 65-70 degrees to ca. Alteration throughout the unit consists of chlorite, sericite, hematite and lesser carbonate. The unit is fairly homogenous. Chlorite and sericite becomes much stronger below 115m associated with a slight increase in foliation and quartz flooding. The last 7m is more of a sericite/chlorite schist with approx 25-30% sericite as stringers and weak bands.																
122.25	160.80	**CHLORITE SCHIST** The upper portion to 126m is more massive in texture with a weak speckled appearance and weak purplish/violet k-spar alteration and strong fe-carb alteration at the lower contact. This is typically seen between the chlorite schist and adjacent fragmental/tuff unit. Below the more massive material, the unit becomes a very dark green chlorite rich unit with a foliation at approx 30-50 degrees to ca. The rock contains a few																

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-037

METERAGE FROM	METERAGE TO	DESCRIPTION	ROCK CODE	Alt'n	SAMPLES No.	SAMPLES FROM	SAMPLES TO	SAMPLES LENGTH	SAMPLES %Py	SAMPLES %Ars	ASSAYS Pd (g/t)	ASSAYS Pt (g/t)	ASSAYS Au (g/t)	ASSAYS Cu (%)	ASSAYS Ni (%)	ASSAYS Co (%)	ASSAYS Zn (%)	ASSAYS Ag (ppm)
		secondary quartz stringers and some brilliant green fuchsite. Below approx 136.20m the unit becomes cross-cut by much more abundant quartz and fe-carb stringers of random orientation averaging approx 15-25% of the unit. Crenulations and folds evident. Resembles a chlorite altered ultramafic. Pyrite present ranging from trace amounts to 2-3% locally as very fine cubes to coarse blebs approx 0.75cm in diameter.																
160.80	232.85	**ULTRAMAFICS** The upper portion is moderately serp altered and the contact is based upon the drop in chlorite and emergence of serpentine. From 165.15 to 166.69m is a heavily foliated and carbonate altered section of 50% green fuchsite. From 166.69 to 177.30m is a section of moderate alteration but immense folding and micro-faulting. The rock has a wavy appearance with hundreds of parallel serpentine left-lateral slips displacing weak banding on a mm-scale. Below 177.30m the unit is less deformed and exhibits much stronger serpentine and talc alteration. The unit is dark and extremely soft (soapstone). The unit has a weak zebra appearance as a result of irregular quartz/felds stringers. Unit contains relatively few fractures. Nil to localized minor cubic pyrite. 190.57 - 190.90m: grey intermediate dike at 75 degrees tca 208.90 - 209.90m: carbonate altered section containing approx 3% pyrite as fine cubes forming weak stringers parallel to foliation at 55 degrees tca. 221.10 - 232.80m: zone of moderate to strong carbonate alteration varying from green to dark grey carbonate. Minor secondary quartz locally. Pyrite mineralization present below 229 to 231m.	um		001	228.00	229.00	1.00	tr	-			0.264					
			um		002	229.00	230.00	1.00	1	-			0.477					
			um		003	230.00	231.00	1.00	0.25	-			0.200					
			um		004	231.00	232.00	1.00	0.5	-			0.111					
			um		005	232.00	232.85	0.85	tr	-			1.273					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-037

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		222.94 to 223.64m: rubble bearing zone that might be a brittle fault zone. Well fractured patches with material of sand and pebble size																
232.85	237.40	**GREYWACKE** Dark grey with a weak purplish hue. The rock is fairly massive with a weak fabric. Resembles dike material but is likely the sediment package. For the most part the rock is fairly homogenous with patchy and weak silicification and albitization. The upper contact is fairly sharp at 50 degrees with stronger pinkish albitization gradationally becoming the darker intermediate material. The lower contact is more gradational. A few late quartz stringers cut the unit. Pyrite mineralization present throughout the unit ranging from very fine to coarser cubes in the order of 2mm in diameter. The sulphides are strongest in the more felsic material and areas of greater alteration; the upper 1.5m. The overall pyrite content is 3%, with areas reaching as high as 5-6%. From approx 236.70 to 237.00 has been ground away and a sand seam what hit here. Possible fault???	Blank		006	232.85	232.85	0.00										0.006
			I.Dk		007	232.85	233.85	1.00	5	-								0.786
			I.Dk		008	233.85	234.85	1.00	3	-								0.455
			I.Dk		009	234.85	235.85	1.00	1.5	-								0.584
			I.Dk		010	235.85	236.65	0.80	0.5	-								0.082
			Standard		011	236.65	236.65	0.00										0.750
			I.Dk		012	236.65	237.40	0.75	0.25	-								0.056
237.40	357.00	**ULTRAMAFICS** Relatively competent ultramafics with localized areas of weak brecciation of massive ultramafics with random dark soft serpentine stringers that form a matrix appearance. Unit is harder and contains little to no quartz/felds stringers like the ultramafics uphole. Deeper in the unit, the serpentine alteration increases drastically.	um		013	237.40	238.40	1.00	-	-								0.015
			um		014	238.40	239.40	1.00	-	-								0.002

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-037

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)

From 289.46 to 291.00m is a section of extremely massive rock with remnant spinifex texture present.

From 301.75 to 311.85m is a section with tremendous serpentine shears, slips and brecciation. The rocks are brecciated with elliptical shaped clasts within a serpentine matrix of anastomising slips etc. Numerous 10cm shears are evident with extremely soft gouge; and fracturing is extremely common throughout at approx 55-60 degrees tca. The rock is very easily broken due to the high serpentine content.

From 311.85 to 323.80m is a very massive and competent unit with much fewer fractures and less alteration. Very dark with local spinifex texture and irregular white plag stringers.

323.80 to 339.40m is a well fractured and brecciated section like above with tremendous serpentine alteration. Few narrow gouge-like seams.

From 311.85 to 357.0m is moderately massive with a very weak brecciated texture. Strong serpentine along fractures with very weak alteration halos. No secondary quartz/felds features.

End of Hole

Printed: Wednesday, July 15, 2015

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

PROPERTY:	Ogden	CLAIM NO.:	4953SEC			DOWNHOLE SURVEY METHOD: EZ Shot	REMARKS: Corrected surveys @ 41m 346.7 az -44.1 dip, 92m 346.7 az -44.6 dip, 143m 349.1 az -45.6 dip, 194m 348.9 az -46.3 dip and 239m 348.9 az -46.5 dip.
HOLE NO.:	TO13-038	LENGTH (m):	239.0	CORE SIZE:	NQ	DOWNHOLE SURVEY BY: Drillers	
COORD SYSTEM:	UTM Nad 83	NORTHING:	5362498.000	EASTING:	471518.000	COLLAR SURVEY BY: Don (GPS)	
SECTION:	N/A	ZONE:	Thomas Ogden	ELEVATION (m):	283.000	DRILLING COMPANY: Norex	
COLLAR ORIENTATION (AZIMUTH/DIP)		PLANNED:	343. / -45.0	SURVEYED:	1.000 / -1.000	DATE LOGGED: Nov. 05, 2013 TO Nov. 08, 2013	Core Storage: Norex compound
HOLE STARTED:	November 04, 2013	HOLE FINISHED:	November 07, 2013	MAG:	10.75º w	LOGGED BY: D.Heerema	Page 1 of 8

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
0.00	27.00	**OVERBURDEN**																
27.00	92.90	**FRAGMENTAL/TUFF** Unit is a dark to moderate green colour with varying amounts of k-spar, carbonate and chlorite alteration throughout. Interval shows local fracturing with the majority being relatively competent. After the 41m mark, the rock has a lighter green colouration and appears more altered as the rock becomes a variable brown/green/beige colour with patchy and irregular fe-carb often associated with late quartz flooding. This sub-interval of carbonate alteration ends at 56.60m where the below rock is the same, typical, green fragmental present throughout the Thomas Ogden area. The last 6m of the unit is extremely sericite altered with bands and semi-massive seams. Fragments are usually stretched perpendicular to core axis and give the green coloured rock a white colour. Thin quartz stringers are also abundant throughout the entire interval. Patchy areas of cubic pyrite locally. Numerous intervals if blocky/fractured ground with pitting of dissolved minerals. Lower contact is fairly sharp and distinct at 80 deg tca. 27.70 to 29.00m: soft grey/green gouge																

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		From 66.96 - 67.47m: mafic dyke; dark to medium grey; sharp wavy contacts at 45-50 degrees tca; faint k-spar alteration throughout; no visible sulphide																
92.90	119.50	**CHLORITE SCHIST** The upper portion to 95.20m is more massive in texture with a weak speckled appearance and weak purplish/violet k-spar alteration and strong fe-carb alteration at the lower contact. This is typically seen between the chlorite schist and adjacent fragmental/tuff unit. Below the more massive contact, the unit becomes a very dark green chlorite rich unit with a foliation at approx 40-50 degrees to ca. The unit is commonly cross-cut by younger quartz and fe-carb stringers of random orientation averaging approx 10-15% of the unit. Weak crenulations and folds evident. Pitting and fracturing common throughout. Pyrite present ranging from very fine cubes to coarse blebs approx 0.75cm in diameter. 107.13 to 112.69m: ultramafic with serp/talc alteration 112.69 to 113.10m: felsic-intermediate dike at 80 deg tca -fine-grained with 40% very fine white plag phenocrysts within a grey matrix -cut by numerous white quartz stringers with associated albitized alteration halos causing an orange/peach colouration -approx 3-4% fine dust to coarser cubic pyrite throughout	um		001	111.69	112.69	1.00	-	-			0.002					
			I.Dk		002	112.69	113.10	0.41	4	-			0.005					
			chl sch		003	113.10	114.10	1.00	0.25	-			0.002					
119.50	156.18	**ULTRAMAFICS**	um		004	155.18	156.18	1.00	-	-			0.002					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		Unit is a dark green to black/grey coloured interval of extremely soft serpentine/talc altered ultramafic. Minor green carbonate present below 136m and becomes increasingly stronger downhole. Core shows abundant qtz/calcite stringers throughout which are oriented 45 to perpendicular tca and are disrupted and crenulated within this non-magnetic unit. Unit is moderately to well fractured. Trace visible sulphide throughout as the rare cubes of fine to coarse pyrite.																
156.18	159.63	**CONGLOMERATE** Massive unit of small pebble rich conglomerate with a siliceous grey groundmass and a weak intrusive texture. The unit is a buff grey that increases in sericite and albitization downhole to a buff beige colouration with very diffuse clast contacts. Unit is cross-cut by two ages of quartz stringers at random angles to ca. Trace disseminated pyrite with local clusters of pyrite grains Sharp upper and lower contacts.	congl		005	156.18	157.18	1.00	tr	-			0.072					
			congl		006	157.18	158.18	1.00	0.5	-			0.090					
			congl		007	158.18	159.00	0.82	0.25	-			0.090					
			congl		008	159.00	159.63	0.63	tr	-			0.148					
159.63	161.05	**GRAPHITIC ARGILLITE** The unit starts off as a fine-grained dark grey silt horizon that grades into an aphanitic black graphitic unit. Bedding is oriented at 70 degrees tca with younging in the downhole direction (north). Rafts of underlying conglomerate found within the first 10cm. Pyrite is present as stringers to coarse sub-rounded nodules up to 1.5cm in diameter. The nodules are most abundant between 160.25 and 160.65m at approx 20% in abundance.	grph arg		009	159.63	160.40	0.77	5	-			0.076					
			grph arg		010	160.40	161.05	0.65	13	-			0.184					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
161.05	162.75	**ULTRAMAFIC** Well foliated with moderate to strong chlorite alteration. Cut by minor quartz stringers. 161.67 to 161.84m: bull quartz vein at 50 degrees tca -minor pyrite along lower contact	um		011	161.05	162.00	0.95					0.042					
			um		012	162.00	162.75	0.75					0.032					
162.75	166.98	**CONGLOMERATE** A relatively blonde or light coloured assemblage of altered conglomerate consisting of silicification and albitization. The rock is a grey to weak yellow/beige colouration with some darker remnant clasts. The clasts are stretched and elongated at approx 70 degrees tca. The silicification has caused a buff appearance and has created diffuse contacts. Disseminated pyrite up to 2% locally. Starting at 165.40m the unit becomes more mineralized with local patches of a finer and darker sandstone. Minor albite and fuchsite alteration present. Alteration is associated with secondary quartz flooding. The pyrite mineralization is mainly in the form of sulfide stringers and semi-massive seams. Hairline qtz stringers cross-cut the unit at random angles but generally at 40 degrees tca. Three separate clusters of tiny gold flakes present at 165.40m.	congl		013	162.75	163.73	0.98	0.75	-			0.094					
			congl		014	163.75	164.75	1.00	0.5	-			0.176					
			congl		015	164.75	165.85	1.10	4	-			16.235					
			Blank		016	165.85	165.85	0.00					0.012					
			congl		017	165.85	166.98	1.13	4	tr			3.887					
166.98	167.85	**FELSITE**	fel		018	166.98	167.85	0.87	2	-			1.496					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		Very fine-grained pinkish/grey siliceous unit containing what appear as xenoliths of conglomerate. The conglomerate clasts are well foliated. The host felsite is more massive with thin hairline black chloritic stringers and wisps at 80 degrees tca. Late quartz flooding present also ranging from thin stringers to knots to more vein type. The felsite itself is mineralized with 2% finely disseminated pyrite and the late quartz appears barren.																
167.85	180.75	**INTERBEDDED WACKE AND ARGILLITE** This unit is composed of approximately 80% argillite and 20% wacke. The wacke horizons are at the bases of repeating sequences of wacke to argillite generally over 2-3m. The entire unit is mineralized with pyrite. The wackes are silty to sandy and show more alteration and quartz flooding than the argillite. Wackes are a dull grey to soft green/beige colour as a result of fine albitization and carbonation. Weak to moderate silicification locally as well. Many of the wacke beds appear brecciated by thin semi-transparent quartz stringers. Other areas have larger irregular semi-transparent quartz stringers to veinlets. Strongest alteration is associated with quartz-rich areas. The finer sulphides are associated with the quartz-rich and well altered areas. Pyrite content reaches as high as 3-4% locally. The finer argillite horizons show evidence of smaller scale graded bedding or younging in the downhole direction (north). The beds range from greyer silts to aphanitic black tops and vary from cm to dm in thickness. Bedding angles are quite variable and range from 65 degrees tca to parallel tca and back to 45 degrees tca. The rocks are generally dark grey to black and show evidence of crenulations etc. Very few secondary quartz stringers. Argillite are well mineralized with disseminated pyrite averaging 2% throughout. Lower contact is based upon the end of an argillite bed and the beginning of a larger wacke horizon. Contact wavy at 40	grwk		019	167.85	168.75	0.90	0.25	-								1.311
			grwk		020	168.75	169.75	1.00	2.5	-								2.131
			arg		021	169.75	170.75	1.00	1	-								0.942
			arg		022	170.75	171.75	1.00	1.5	-								2.267
			wacke		023	171.75	172.75	1.00	2.5	-								2.428
			Standard		024	172.75	172.75	0.00										4.230
			wacke		025	172.75	173.75	1.00	2.5	-								3.855
			arg		026	173.75	174.75	1.00	2	-								0.629
			arg		027	174.75	175.75	1.00	2	-								1.369
			arg		028	175.75	176.75	1.00	2	-								2.274
			arg		029	176.75	177.75	1.00	2	-								3.686
			arg		030	177.75	178.75	1.00	2	-								4.312
			arg		031	178.75	179.75	1.00	1.5	-								1.624
			arg		032	179.75	180.75	1.00	1.5	-								3.004

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		degree tca.																
180.75	188.45	**GREYWACKE** Massive, grey and generally featureless. No bedding evident as the unit is homogenous. Few very faint black chloritic stringers at approx 35 degrees tca. Weakly silicified and locally albitized. Pyrite mineralization throughout averaging 1-2%.	grwk		033	180.75	181.75	1.00	2.5	-			1.434					
			Blank		034	181.75	181.75	0.00					0.002					
			grwk		035	181.75	182.75	1.00	1	-			1.403					
			grwk		036	182.75	183.75	1.00	0.5	-			1.571					
			grwk		037	183.75	184.75	1.00	0.5	-			0.691					
			grwk		038	184.75	185.75	1.00	1	-			0.621					
			grwk		039	185.75	186.75	1.00	1.25	-			1.960					
			grwk		040	186.75	187.65	0.90	0.25	-			0.597					
			grwk		041	187.65	188.45	0.80	0.5	-			2.703					
188.45	198.90	**ARGILLITE** Mainly a very dark unit with minor to moderate alteration that decreases downhole. The bedding angles start off at 35 degrees tca becoming parallel tca by 193m. The bedding has been crenulated and off-set on mm-scale micro-fractures in a right lateral movement. Late hairline quartz stringers cross-cut the unit at random angles to ca. Pyrite mineralization throughout from trace to 4.5% as fine disseminations to blebs to fine stringers locally. Mineralization is greatest in the upper and lower 3m of the unit. 191.40 to 192.70m is a section with irregular semi-transparent to white quartz veining and associated pyrite and sphalerite mineralization?	arg		042	188.45	189.45	1.00	3	-			4.651					
			arg		043	189.45	190.45	1.00	1	-			3.151					
			arg		044	190.45	191.45	1.00	2.5	-			0.186					
			arg		045	191.45	192.45	1.00	0.75	-			1.437					
			arg		046	192.45	193.45	1.00	tr	-			0.619					
			arg		047	193.45	194.45	1.00	tr	-			3.506					
			arg		048	194.45	195.45	1.00	tr	-			0.103					
			Standard		049	195.45	195.45	0.00					4.061					
			arg		050	195.45	196.45	1.00	tr	-			0.143					
			arg		051	196.45	197.45	1.00	0.75	-			2.180					
			arg		052	197.45	198.20	0.75	1.5	-			1.311					
			arg		053	198.20	198.90	0.70	3	-			1.373					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
198.90	215.63	**INTERMEDIATE DIKE** This unit is generally massive and homogenous and resembles an intermediate to mafic dike as well as wacke but has more intrusive characteristics than sedimentary. A dull grey colour is pervasive with gradational areas of slight pinking as a result of more felsic material. The unit contains occasional tiny 5-10cm foliated and albitized sections that resemble altered argillite. Within the unit are flow textures or weak bedding; hard to tell. Very few secondary quartz structure, but present are black hairline chlorite and chlorite + pyrite stringers. Medium to coarse cubic pyrite found more commonly in the upper and lower portions of the unit with the centre relatively barren except for occasional chlorite + pyrite stringers mentioned above. Extremely competent unit. Lower contact is based upon the first sign of felsic diking.	I.Dk		054	198.90	200.00	1.10	3	-			1.090						
			I.Dk		055	200.00	201.00	1.00	0.5	-			0.474						
			I.Dk		056	201.00	202.00	1.00	1.25	-			1.678						
			I.Dk		057	202.00	203.00	1.00	1	-			1.243						
			Blank		058	203.00	203.00	0.00					0.002						
			I.Dk		059	203.00	204.00	1.00	0.5	-			0.059						
			I.Dk		060	204.00	205.00	1.00	tr	-			0.236						
			I.Dk		061	205.00	206.00	1.00	tr	-			0.062						
			I.Dk		062	206.00	207.00	1.00	tr	-			0.226						
			I.Dk		063	207.00	208.00	1.00	tr	-			1.450						
			I.Dk		064	208.00	209.00	1.00	0.75	-			1.283						
			I.Dk		065	209.00	210.00	1.00	1.5	-			0.866						
			I.Dk		066	210.00	211.00	1.00	1	-			0.706						
			I.Dk		067	211.00	212.00	1.00	1	-			1.987						
			I.Dk		068	212.00	213.00	1.00	1.5	-			0.706						
			I.Dk		069	213.00	214.00	1.00	0.75	-			0.776						
			Blank		070	214.00	214.00	0.00					0.002						
			I.Dk		071	214.00	214.85	0.85	tr	-			0.268						
			I.Dk		072	214.85	215.63	0.78	0.5	-			1.359						
215.63	219.40	**FELSIC DIKE** The upper contact is sharp at 23 degrees tca. Most of the unit to 218.56m is a mix of intermediate and felsic diking. The felsic diking is a pink/grey colour and appears to host xenoliths of the adjacent intermediate dike. It appears as though the drill hole may have drilled down the contact slightly as half the core is felsic and the other half is intermediate with the contact at approx parallel to ca. The contact is extremely wavy and also shows evidence of tectonism in mm-scale left lateral movement. Assimilation of some intermediate material may be the reason for the slight darkening of the host felsic material. Below 218.56 the felsic dike is a brighter pink/peach colour with late quartz stringers and micro-scale gash fractures all parallel to one another at 70 degrees tca. The intermediate material is	F.Dk		073	215.63	216.40	0.77	0.75	-			1.126						
			F.Dk		074	216.40	217.40	1.00	4	-			0.851						
			F.Dk		075	217.40	218.40	1.00	1.5	-			3.673						
			F.Dk		076	218.40	219.40	1.00	5	-			2.061						

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: Thomas Ogden HOLE NO.: TO13-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		a grey green colour and relatively barren in pyrite in comparison to the well mineralized felsic diking. The pyrite within the felsic material is in the form of euhedral cubes ranging from 1mm to 2.cm in diameter and locally form 2cm wide semi-massive seams of pyrite clusters. Overall pyrite content of approx 3%. Lower contact is wavy and pyrite rich with adjacent ultramafics. 218.38 to 218.57m: extremely soft ultramafic clast																
219.40	239.00	**ULTRAMAFICS** Relatively competent ultramafics with a weak brecciated appearance of massive ultramafics with random dark soft serpentine stringers that form a matrix appearance. Unit is harder than the ultramafics uphole. These ultramafics are not as altered. End of Hole	um		077	219.40	220.40	1.00	-	-			0.139					
			um		078	220.40	221.40	1.00	-	-			0.014					

Printed: Wednesday, July 15, 2015

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

PROPERTY:	Ogden	CLAIM NO.:	HR1008			DOWNHOLE SURVEY METHOD: EZ Shot	REMARKS: Drilling section 510W beneath hole OG10-035
HOLE NO.:	OG15-037	LENGTH (m):	144.0	CORE SIZE:	NQ	DOWNHOLE SURVEY BY: Drillers	
COORD SYSTEM:	UTM Nad 83	NORTHING:	5363039.000	EASTING:	474946.000	COLLAR SURVEY BY: Don (GPS)	
SECTION:	510W	ZONE:	South Zone	ELEVATION (m):	304.000	DRILLING COMPANY: Norex	
COLLAR ORIENTATION (AZIMUTH/DIP)		PLANNED:	360. / -51.0	SURVEYED:	1.000 / -1.000	DATE LOGGED: Jun. 19, 2015 TO Jun. 19, 2015	Core Storage: Norex compound
HOLE STARTED:	June 17, 2015	HOLE FINISHED:	June 18, 2015	MAG:	10.75º w	LOGGED BY: D.Heerema	Page 1 of 7

METERAGE FROM	METERAGE TO	DESCRIPTION	ROCK CODE	Alt'n	SAMPLES No.	SAMPLES FROM	SAMPLES TO	SAMPLES LENGTH	SAMPLES %Py	SAMPLES %Ars	ASSAYS Pd (g/t)	ASSAYS Pt (g/t)	ASSAYS Au (g/t)	ASSAYS Cu (%)	ASSAYS Ni (%)	ASSAYS Co (%)	ASSAYS Zn (%)	ASSAYS Ag (ppm)
0.00	17.65	**OVERBURDEN**																
17.65	30.40	**FAULT ZONE** This portion of the hole is extremely broken with a majority of the unit containing core not exceeding 10cm in length. Much of the unit (80%) is angular shards of 1-3cm material. The host rock appears to be of ultramafic origin, with variable alteration throughout. The rock is a dark green/blackish colour with a weak speckled appearance of ultramafics. Ankerite stringers and veinlets are very common throughout with local patches of more pervasive ankerite. Chlorite and minor serpentine common also. More of a brittle fault with only one area of noticeable clay gouge at 22.5m. Many breaks at steeper angles tca at approx 55-60 degrees. Upper portion of unit shows a shallow foliation angle of 20 degrees tca. A section from approx 23.40 to 28.70m has undergone immense silicification and now resembles more of an intrusive than ultramafic. The rock is a buff grey colour with 1-2% disseminated fine to 1mm cubic pyrite and minor ankerite alteration. The mineralization in places is fresh and other areas	FLT		001	17.65	19.50	1.85	-	-			0.002					
			FLT		002	19.50	21.00	1.50	-	-			0.002					
			FLT		003	21.00	22.50	1.50	-	-			0.012					
			FLT		004	22.50	24.00	1.50	tr	-			0.399					
			FLT		005	24.00	25.50	1.50	0.5	-			0.327					
			FLT		006	25.50	27.00	1.50	1	-			0.291					
			FLT		007	27.00	28.50	1.50	0.5	-			0.085					
			FLT		008	28.50	30.40	1.90	<0.5	-			0.046					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-037

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		is oxidized. This interval is heavily intruded by white/semi-transparent quartz veinlets from 0.5 to 2cm wide. These quartz features are barren of mineralization.																
30.40	42.22	**ULTRAMAFICS** Well foliated deep green chlorite/serp altered ultramafics. Foliation ranges from 20-30 degrees tca. Weakly speckled appearance. Moderate to well fractured; generally parallel to foliation. Unit has been ribboned slightly from alteration and carb stringers that exhibit local crenulations and folding. Thin black chloritic stringers cross-cut the foliation at 5 degrees tca and appear to be late stage tectonic structures. Local pinkish colour calcite and minor ankerite locally. The last 1.5m of the unit is slightly silicified and hosts finely disseminated pyrite at 0.5%. 38.70 - 40.12m: brittle fault zone at 80 degrees tca -extremely broken to approx 2-4cm size material -very rusty as a result of groundwater	ULT		009	30.40	31.40	1.00	-	-			0.002					
			ULT		010	39.00	40.22	1.22	tr	-			1.539					
			ULT		011	40.22	41.22	1.00	0.5	-			0.038					
			ULT		012	41.22	42.22	1.00	0.5	-			0.382					
42.22	76.91	**DACITE** Light green and fairly homogenous to approximately 60m. The unit is moderately massive with a weak more localized foliation. Weakly amygdaloidal, with 1% feldspar filled vesicles. Unit commonly cut by thin quartz/carb stringers with rarer quartz veinlets of greater size. Sulphides are mainly conducive to alteration zones with only minor cubic pyrite found outside the alteration. 42.22 to 42.66m is a section of slightly increased silicification with minor albitization, quartz veinlets and fine mineralization	DAC		013	42.22	43.22	1.00	0.5	<0.5			0.359					
			DAC		014	43.22	44.22	1.00	tr	-			0.305					
			DAC		015	65.00	66.00	1.00	tr	tr			0.951					
			DAC		016	66.00	67.00	1.00	0.25	tr			0.326					
			DAC		017	67.00	68.00	1.00	tr	-			0.041					
			Blank		018	68.00	68.00	0.00					0.002					
			DAC		019	68.00	69.00	1.00	0.25	tr			0.271					
			DAC		020	69.00	70.00	1.00	-	-			0.002					
			DAC		021	75.91	76.91	1.00	-	-			0.002					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-037

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		including pyrite and arsenopyrite at 1%. 41.71 and 42.79m: thin healed micro-faults showing cm-scale left lateral movement. 43.25 - 43.43m: fault at 45 degrees tca -rusty gravel type material within 65.25 - 65.31m: alteration zone of quartz stringers, albitization and fine pyrite + arsenopyrite at 0.5%. 66.22 - 66.38m: weak alteration zone with quartz flooding, minor albite and fine pyrite with trace arsenopyrite 68.20 - 68.30m: weak alteration zone with fine quartz stringers, minor albite and fine pyrite + arsenopyrite at <0.75%. Silicification is moderate.																
76.91	84.40	**MINERALIZED ZONE** This is a unit of patchy mineralization and alteration within fine-grained green amygdaloidal basalts (andesites). The alteration zones have fairly distinct features and contacts that contrasts the much fresher basalts. The alteration zones are very fine-grained and grey/beige in colour as a result of fine albitization, bleaching, silicification and fine quartz flooding. These alteration zones are generally banded as a result of wispy alteration and quartz stringers and host anywhere from 0.5 to 5% fine pyrite and arsenopyrite. The alteration/mineralization zones vary in size from <1cm bands to 1.37m drilled width. Orientation of these zones varying from 25 to 60 degrees tca. 76.91 to 77.76m: alteration zone of strong albite and quartz with 3-4% pyrite + arsenopyrite	MIN		022	76.91	77.76	0.85	3	1			3.229					
			MIN		023	77.76	78.60	0.84					1.566					
			MIN		024	78.60	79.43	0.83					0.638					
			MIN		025	79.43	80.15	0.72					3.325					
			MIN		026	80.15	80.85	0.70					6.737					
			Standard		027	80.85	80.85	0.00					3.029					
			MIN		028	80.85	81.27	0.42					0.739					
			MIN		029	81.27	81.90	0.63					3.547					
			MIN		030	81.90	83.18	1.28					1.412					
			MIN		031	83.18	83.45	0.27					39.129					
			MIN		032	83.45	84.40	0.95					1.338					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-037

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)

77.76 to 78.45m: amygdaloidal basalt with trace cubic pyrite

78.45 to 78.66m: moderate alteration zone with 3% pyrite + arseno

78.66 to 79.43m: amygdaloidal basalt with 4 narrow bands of alteration/mineralization ranging from 0.5 to 2.5cm in width

79.43 to 80.85m: alteration zone of strong albite with quartz hosting 5% pyrite + arsenopyrite

80.85 to 81.27m: amygdaloidal basalts with odd wisp of albite alteration and minor pyrite and arsenopyrite

81.27 to 81.90m: alteration zone of strong albite and quartz flooding hosting approx 4-5% pyrite + arsenopyrite

81.90 to 82.31m: amygdaloidal basalts

82.31 to 82.44m: alteration zone with weak folded quartz and albite hosting 4% pyrite + arsenopyrite

82.44 to 83.18m: amygdaloidal basalts with weak silicification near contacts of alteration patches

83.18 to 83.45m: alteration zone of immense and brecciated albite alteration; quartz flooding has brecciated the albitized rock into angular xenoliths hosting approx 4% pyrite + arsenopyrite. VISABLE GOLD present as two clusters of very tiny grains at 83.28 in white quartz flooding.

83.45 to 84.23m: amygdaloidal basalt

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-037

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		84.23 to 84.40m: moderately altered zone of albitization with 2-3% pyrite and trace arsenopyrite																
84.40	107.16	**ANDESITE** Fairly homogeneous unit of darker volcanics than uphole. The unit appears to slowly increase in mafic content downhole. The upper section to approx 93m contains 1-2% amygdules. The unit is chlorite altered and cut by thin white quartz/carb stringers and veinlets. Trace cubic pyrite locally. Occasional 10-15cm patch of weak albitization with associated semi-transparent quartz veinlets and minor pyrite + arsenopyrite 92.43 to 92.69m and 94.93 to 95.16m: weak albitization with quartz flooding hosting 1-2% pyrite and arsenopyrite -lower alteration zone hosts 3-4% pyrite and arsenopyrite at 2:1 104.67 to 105.03m: a small section of stronger semi-transparent quartz/white carb flooding with associated albitization and minor fuchsite. Associated with the alteration is fine blebby pyrite and arsenopyrite averaging approx 2%. VISABLE GOLD located in three separate clusters of tiny grains from 104.78 to 104.84m. 105.53 to 105.70m: moderate albitization with a couple thin quartz stringers and 1-2% fine pyrite and arsenopyrite	AND		033	84.40	85.40	1.00	-	-			0.042						
			AND		034	90.00	91.00	1.00	1	-			0.261						
			AND		035	91.00	92.00	1.00	-	-			0.002						
			AND		036	92.00	93.00	1.00	0.5	tr			0.262						
			AND		037	93.00	94.00	1.00	tr	-			0.002						
			AND		038	94.00	95.00	1.00	0.25	tr			0.047						
			Blank		039	95.00	95.00	0.00					0.002						
			AND		040	95.00	96.00	1.00	0.5	tr			0.818						
			AND		041	96.00	97.00	1.00	-	-			0.002						
			AND		042	103.67	104.67	1.00	tr	-			0.377						
			AND		043	104.67	105.03	0.36	2	0.5			4.243						
			AND		044	105.03	106.03	1.00	0.25	tr			0.225						
			AND		045	106.03	107.16	1.13	-	-			0.002						
107.16	119.70	**ULTRAMAFICS**																

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-037

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		Deep green/black foliated ultramafics that have become ribboned as a result of foliation and alteration. The unit starts off hard as a result of 15% quartz stringers and veinlets but the quartz content drops off some and the carbonate and talc alteration increases to a waxy soft unit. Foliation is generally at 45-50 degrees tca.																
119.70	134.45	**CARBONATE ZONE** This unit is a heavily carb altered ultramafic that is now essentially a carbonate schist. The unit is composed of variable amounts of grey, olive green/brown and green carbonate (fuchsite) that have formed bands amongst 20-70% white quartz/felds/carb stringers and veinlets. Foliation starts off at approx 20 degrees tca and steepens to 75 degrees tca exhibiting crenulations and folding in a majority of the unit. 123.75 - 126.00m is a section of increased fuchsite and semi-transparent quartz flooding causing a green and white colouration. 124.41 - 124.51m: felsite dike at 70 degrees tca -pinkish/beige colour and quartz-rich -sharp contacts -0.5% disseminated blebby pyrite 127.62 - 128.10m: silicified carbonate section -massive in texture and honey/beige in colour -cross-cut by two narrow quartz stringers and one calcite vein of 1cm width. -hosts 0.5% pyrite and arsenopyrite 132.18 - 133.18m: fault zone? -well fractured with minor gouge	CARB		046	123.62	124.62	1.00	tr	-			0.060					
			CARB		047	124.62	125.62	1.00	-	-			0.009					
			CARB		048	125.62	126.62	1.00	-	-			0.002					
			CARB		049	126.62	127.62	1.00	tr	-			0.002					
			CARB		050	127.62	128.10	0.48	0.5	tr			0.044					
			CARB		051	128.10	129.10	1.00	tr	-			0.012					
			CARB		052	129.10	130.10	1.00	-	-			0.009					
			CARB		053	130.10	131.10	1.00	-	-			0.006					
			Standard		054	131.10	131.10	0.00					0.697					
			CARB		055	131.10	132.10	1.00	-	-			0.002					
			CARB		056	132.10	133.25	1.15	tr	-			0.002					
			CARB		057	133.25	134.45	1.20	-	-			0.010					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-037

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		-well contorted banding with minor cubic pyrite to 2mm in diameter 134.33m: 1cm gouge seam at 65 degrees tca																
134.45	144.00	**PORPHYRY** Massive medium to coarse-grained porphyry that consists of very fine quartz/feldspar groundmass and white plag phenocrysts at approx 45%. Alteration is in the form of fine gradational epidotization, k-spar and ankerite. The rock is a consistent soft orange/cream/greenish colour. Homogenous and extremely blocky. Very few late vuggy quartz veinlets. End of Hole																

Printed: Monday, September 28, 2015

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

PROPERTY:	Ogden	CLAIM NO.:	HR1008			DOWNHOLE SURVEY METHOD: EZ Shot	REMARKS: Drilling section 555W
HOLE NO.:	OG15-038	LENGTH (m):	94.4	CORE SIZE:	NQ	DOWNHOLE SURVEY BY: Drillers	
COORD SYSTEM:	UTM Nad 83	NORTHING:	5363087.000	EASTING:	474901.000	COLLAR SURVEY BY: Don/Jeff (GPS)	
SECTION:	555W	ZONE:	South Zone	ELEVATION (m):	301.000	DRILLING COMPANY: Norex	
COLLAR ORIENTATION (AZIMUTH/DIP)		PLANNED:	360. / -61.0	SURVEYED:	1.000 / -1.000	DATE LOGGED: Jun. 20, 2015 TO Jun. 20, 2015	Core Storage: Norex compound
HOLE STARTED:	June 19, 2015	HOLE FINISHED:	June 19, 2015	MAG:	10.75º w	LOGGED BY: D.Heerema	Page 1 of 5

METERAGE FROM	METERAGE TO	DESCRIPTION	ROCK CODE	Alt'n	SAMPLES No.	SAMPLES FROM	SAMPLES TO	SAMPLES LENGTH	SAMPLES %Py	SAMPLES %Ars	ASSAYS Pd (g/t)	ASSAYS Pt (g/t)	ASSAYS Au (g/t)	ASSAYS Cu (%)	ASSAYS Ni (%)	ASSAYS Co (%)	ASSAYS Zn (%)	ASSAYS Ag (ppm)
0.00	13.40	**OVERBURDEN**																
13.40	29.30	**ANDESITE** This unit consists of flows that are more massive and coarser grained and fine in grain size downhole to amygdaloidal to flow top breccia. The rock is generally a dull green/grey colour with cream coloured amygdules and fine feldspar in the coarser material. Locally, the unit has suffered brittle fracturing and groundwater penetration resulting in broken rusty patches. Trace mineralization at best except for local areas of increased silicification and weak to moderate alteration. Below 21.12m the unit is weakly to moderately silicous with tiny 1-5cm albitized sections with fine pyrite and arsenopyrite. 16.85 - 16.87m and 17.36 - 17.46m: white quartz veins at 45 degrees tca -thin wisps of fuchsite within quartz -one 2mm bleb of chalcopyrite in upper vein 18.63 - 21.12m: section of flow breccia with a very dark almost black colouration hosting green chloritic shards aligned at 45 degrees tca. Silicification and patchy beige/cream	AND		001	19.50	20.50	1.00	-	-	0.083							
			AND		002	20.50	21.12	0.62	10	2	2.754							
			AND		003	21.12	22.12	1.00	tr	-	0.249							
			AND		004	22.12	23.12	1.00	-	-	0.517							
			AND		005	23.12	24.12	1.00	tr	tr	0.176							
			AND		006	24.12	25.12	1.00	-	-	0.600							
			AND		007	25.12	26.12	1.00	-	-	0.867							
			AND		008	26.12	27.12	1.00	tr	-	0.054							
			AND		009	27.12	28.12	1.00	-	-	0.024							
			AND		010	28.12	28.94	0.82	-	-	0.075							
			AND		011	28.94	29.30	0.36	1	1	1.809							

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		albitization/sericitization as well as dark brown carbonate present from 20.50 to 21.12m that hosts significant blebby pyrite to 10% and very fine needles of arsenopyrite to approx 1%. 22.65 - 23.00m: brittle fractured and rusty section 24.50 - 24.66m: brittle fracturing and rusty section 25.14 - 25.54m: brittle fault with local rust and broken poker chip type material. 26.72 - 27.05m: Intermediate dike -sharp contacts; lower very irregular and upper at 20 degrees tca -dark grey and approx 45% altered feldspar -fabric at 80 degrees tca -cut by thin white quartz/carb stringers like host rock 27.28 - 27.36m: Intermediate dike like above 27.46 - 28.05m: brittle fault with gravel type material remaining 28.94 - 29.30m: silicified and moderately albitized section cut by a few thin 2-4mm grey quartz stringers. Hosts very fine pyrite and arsenopyrite at a 1:1 ratio and approx 2% in abundance.																
29.30	30.38	**INTERMEDIATE DIKE** Dark grey in colour, foliated creating a weak fabric at 55 degrees tca. Consists of approx 35% creamy feldspar. Non-magnetic. Sharp upper and lower contacts.	I.Dk		012	29.30	30.38	1.08	-	-			0.335					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
30.38	48.33	**MAFIC VOLCANICS** Bordering between andesite and more mafic basalt, this unit is a deep green colour and moderately massive. Unit is cut by numerous hairline to 1cm quartz stringers and veinlets; generally all ranging from 40 to 65 degrees tca. Mineralization is in the form of cubic of pyrite up to 7mm in diameter associated with the secondary quartz features and up to 2% locally over 15cm intervals. 37.03 - 37.09m: small section of moderate albitization associated with silicification and hosts 1% pyrite and fine arsenopyrite																
48.33	71.98	**ULTRAMAFICS** Dark green/black unit, well foliated and moderately ribboned by quartz/carb/felds stringers. Oriented at approx 55 degrees tca. The unit is weakly magnetic and soft. Chlorite, serpentine and talc alteration throughout. Numerous serpentine stringers throughout. Many of the quartz/carb/felds stringers and veinlets exhibit contorting and folding as well as hematization between 61 and 63m. A few hematized intermediate dikes intrude the unit between 52.70 and 63.15m and are broken out below. The last 2.2m from approx 69.70m the rock gradually becomes more and more carbonate altered. A grey carbonate becomes very pervasive by 70.30 and the presence of fuchsite and sericite begins at 71.46m. Fine sulphides are appearing at 71.46m as well in the form of pyrite and arsenopyrite. 50.30 - 50.77m: fault zone at 45 degrees tca -angular gravel type material as well as some remnant talcy gouge that hasn't washed away	I.Dk		013	52.70	53.43	0.73	tr	-				0.005				
			I.Dk		014	55.23	55.95	0.72	-	-				0.002				
			I.Dk		015	55.95	57.00	1.05	1.5	-				0.027				
			UM		016	70.00	71.00	1.00	-	-				0.887				
			Blank		017	71.00	71.00	0.00						0.002				
			UM		018	71.00	71.98	0.98	0.5	tr				0.121				

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		52.70 - 53.43m: intermediate dike at 50 degrees tca -sharp contacts with very fine black chill margins -approx 50% mafics and 50% hematized feldspar -deep red colouration -disseminated pyrite of 0.25% over last 15cm -1cm quartz-tourmaline veinlet at 53.37m 55.23 - 55.84m: intermediate dike at 45 degrees tca -similar to above -very fine trace pyrite -2-3cm black chill margins 55.95 - 56.99m: intermediate dike -lower contact at 70 degrees and upper at 45 degrees tca -chill margins -red/grey colouration -slightly finer-grained and heavily cut by white quartz/carb-tourmaline stringers and veinlets to 1cm -1.5% disseminated blebs of pyrite to 1mm in diameter 59.38 - 59.52m: intermediate dike at 50 degrees tca 62.89 - 63.13m: intermediate dike -lower contact at 80 degrees and upper at 25 degrees tca																	
71.98	74.98	**MINERALIZED ZONE** Well altered zone consisting of very fine carbonate as well as more localized albitization with patchy sericite banded and wisps. The unit starts off as a quartz flooding and sericite banded section for 12cm (2% arsenopyrite with 0.5% pyrite) before becoming a very fine olive green carb altered section with weak albitization and minor grey quartz stringers. Evidence of thin white extensional fractures throughout filled with quartz.	MIN		019	71.98	72.98	1.00	tr	<0.5			1.073					
			MIN		020	72.98	73.98	1.00	tr	tr			0.195					
			MIN		021	73.98	74.98	1.00	10	2			5.673					
			Standard		022	74.98	74.98	0.00					1.359					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-038

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		This section continues to 74m hosting weak mineralization with patchy increases to 3% pyrite and arsenopyrite. From 74 to 74.98m is a heavily mineralized and banded section of albitization with significant quartz flooding, thin bands of albite and grey carb. Thin grey quartz flooding is associated with the alteration all intruded by late white quartz. Approx 10% with another 2% arsenopyrite. NOTE: Driller notes 8" seam at the 74m block but actually 0.5m is missing between 74 and 75m. VISIBLE GOLD located on a slip plane at the 72m mark.																
74.98	76.95	**CARBONATE ZONE** Altered ultramafics to olive green to honey/beige carbonate that has been weakly banded/brecciated by thin grey quartz stringers and knots. Trace mineralization at best. Lower contact sharp at 53 degrees tca but contains 1cm of rusty gouge.	CARB		023	74.98	75.98	1.00	-	-			0.023					
			CARB		024	75.98	76.95	0.97	-	-			0.029					
76.95	94.40	**PORPHYRY** Massive unit of medium-grained massive porphyry consisting of 60% grey quartz, 49% anhedral white feldspar phenocrysts and less than 1% black hornblende. Epidotization has caused a greenish hue to the unit. Cut by occasional semi-transparent to white quartz veinlets. Trace pyrite at best. End of Hole	POR		025	76.95	77.95	1.00	-	-			0.299					

Printed: Friday, October 02, 2015

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

PROPERTY:	Ogden	CLAIM NO.:	HR1008			DOWNHOLE SURVEY METHOD: EZ Shot	REMARKS: Drilling on section 780W to test for mineralization below historic drilling.
HOLE NO.:	OG15-039	LENGTH (m):	159.0	CORE SIZE:	NQ	DOWNHOLE SURVEY BY: Drillers	
COORD SYSTEM:	UTM Nad 83	NORTHING:	5363028.000	EASTING:	474676.000	COLLAR SURVEY BY: Don (GPS)	
SECTION:	780W	ZONE:	South Zone	ELEVATION (m):	298.000	DRILLING COMPANY: Norex	
COLLAR ORIENTATION (AZIMUTH/DIP)		PLANNED:	360. / -47.0	SURVEYED:	1.000 / -1.000	DATE LOGGED: Jun. 17, 2015 TO Jul. 18, 2015	Core Storage: Norex compound
HOLE STARTED:	June 16, 2015	HOLE FINISHED:	June 17, 2015	MAG:	10.75º w	LOGGED BY: D.Heerema	Page 1 of 7

METERAGE FROM	METERAGE TO	DESCRIPTION	ROCK CODE	Alt'n	SAMPLES No.	SAMPLES FROM	SAMPLES TO	SAMPLES LENGTH	SAMPLES %Py	SAMPLES %Ars	ASSAYS Pd (g/t)	ASSAYS Pt (g/t)	ASSAYS Au (g/t)	ASSAYS Cu (%)	ASSAYS Ni (%)	ASSAYS Co (%)	ASSAYS Zn (%)	ASSAYS Ag (ppm)
0.00	24.60	**OVERBURDEN**																
24.60	57.00	**ANDESITE** Not a homogenous unit, but a fairly consistent mineralogy of fine feldspar and chlorite causing a grey/green colouration. Grain size is generally very fine with local areas of slightly coarser material and more massive texture. Coarser portion present from 32.90 to 41.70m where the original texturing is destroyed by increased foliation. Unit as a whole is cross-cut by this hairline qtz/carb stringers at random angles with local silicification. Unit is well fractured with local rust and hematite staining. 24.60 to 32.90m is a greyer section overall, fine-grained and foliated at 40 degrees tca. Upper section to 24.60m has been intruded by narrow 1-4cm quartz veinlets that has associated alteration and pyrite mineralization. Presence of minor sericite as well as strong chlorite. 32.90 to 41.70m is a slightly coarser and more massive portion of the flows, with areas of what look like more felsic bombs. Trace disseminated pyrite mineralization within these small	AND		001	24.60	25.60	1.00	tr	-								0.008
			AND		002	25.60	26.60	1.00	tr	-								0.002
			AND		003	26.60	27.60	1.00	tr	-								0.007
			AND		004	41.00	42.00	1.00	tr	-								0.002
			AND		005	42.00	43.00	1.00	tr	-								0.002
			AND		006	43.00	44.00	1.00	tr	-								0.011
			AND		007	44.00	45.00	1.00	tr	-								0.005
			AND		008	45.00	46.00	1.00	tr	-								0.035
			AND		009	46.00	47.00	1.00	0.25	-								0.025
			AND		010	47.00	48.00	1.00	tr	-								0.002
			AND		011	48.00	49.00	1.00	tr	-								0.010
			AND		012	49.00	50.00	1.00	tr	-								0.025
			AND		013	50.00	51.00	1.00	tr	-								0.007
			Blank		014	51.00	51.00	0.00										0.002
			AND		015	51.00	52.00	1.00	tr	-								0.002
			AND		016	52.00	53.00	1.00	tr	-								0.002
			AND		017	53.00	54.00	1.00	tr	-								0.002
			AND		018	54.00	55.00	1.00	tr	-								0.051
			AND		019	55.00	56.00	1.00	-	-								0.002
			AND		020	56.00	57.00	1.00	-	-								0.002

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-039

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)

bomb-like features

41.70 to 57.00m is a section of green chlorite-rich alteration as well as silicification causing a buff pale green colouration. A majority of this section has a fine brecciated texture as a result of hair thin quartz/carb infiltration or other areas of fine brecciation re-cemented by very fine sericite/chlorite/felsic material hosting sub-angular to angular chloritic shards from mm to cm scale. This section has much more abundant quartz/carb stringers with associated silicification of the country rock especially from 51.00 to 54.30m. These structures are randomly oriented but for the most part cross-cut foliation, are at steep ca and show evidence of small scale tectonism. Occasional semi-transparent quartz veinlet with minor hematite found over upper 4m that often has associated bleaching and minor sericite alteration. Very fine pyrite found throughout from trace to 0.25% with minor increases in content. Coarser cubic pyrite found from 46.03 to 46.13m.
Well foliated unit at approx 35-40 degrees tca.

44.28 - 44.34 and 46.68 - 46.75m: intermediate dikes at approx 30 degrees tca
-irregular and wavy contacts
-beige in colour with fine chill margins and fine bleached alt halos
-dikelets pre-date cross-cutting quartz/carb stringers
-true width of dikelets is 2 and 4cm respectively

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-039

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
57.00	72.20	**AMYGDULOIDAL BASALT** Fine-grained, green chloritic assemblage with a variable content of feldspar filled vesicles. The amygdules vary from trace to 20% locally and generally white to cream in colour. The unit is well foliated ranging from 25 - 40 degrees tca. Well fractured unit that has been intruded by late quartz veinlets locally with weak pyrite mineralization. Occasional shear healed by quartz/chlorite and 30% fine blebby pyrite. 64.50 - 64.65m: quartz veining at 35 deg tca with 0.25% pyrite 65.85m: 1cm pyritic shear with 30% pyrite -cross-cut by barren white quartz stringer 70.45 - 70.80m: pyritic/chloritic shear at 5 degrees tca -approx 3cm true width hosting 20% blebby pyrite	AMG B		021	57.00	58.50	1.50	-				0.002					
			AMG B		022	58.50	60.00	1.50	-				0.002					
			AMG B		023	60.00	61.50	1.50	-				0.002					
			AMG B		024	61.50	63.00	1.50	tr				0.002					
			AMG B		025	63.00	64.50	1.50	tr				0.002					
			Standard		026	64.50	64.50	0.00					1.465					
			AMG B		027	64.50	66.00	1.50	2				0.042					
			AMG B		028	70.20	71.20	1.00	2				0.017					
			AMG B		029	71.20	72.20	1.00	tr				0.010					
72.20	73.30	**MINERALIZED ZONE** Buff grey/beige unit of bleaching and albitization that has been intruded weakly by late quartz veinlets. A weak brecciation of the alteration seen locally by late quartz features. The unit host significant pyrite and arsenopyrite mineralization in the order of approx 10% at a 4:1 ratio respectively. Well foliated at approx 35 degrees to ca with evidence of folding.	MIN		030	72.20	73.30	1.10	8	2			2.956					
73.30	76.10	**AMYGDULOIDAL BASALT** Similar to unit above, but intruded more by late erratic white quartz/carb stringers. Trace pyrite at best.	AMG B		031	73.30	74.80	1.50	tr				0.021					
			AMG B		032	74.80	76.10	1.30	tr				0.006					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-039

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
76.10	88.18	**ANDESITE** Slightly darker and more mafic unit that above with a deeper green colouration. Chlorite alteration prominent throughout with areas of silicification and others of weak albitization of not fully developed alteration/mineralization zones. Moderate to strong white hairline quartz/carb stringers with local areas as high as 10%. Numerous larger 0.5 to 1.5cm quartz/ black chlorite veinlets cross-cutting unit also that host minor pyrite mineralization. Upper 25cm to 76.35m is broken core with semi-transparent quartz knotting and strong rusting of the core. Ground water penetration perhaps. 76.35 - 76.58m: small mineralized/alteration zone consisting of irregular and folded quartz/black chlorite veinlets and stringers with associated silicification and minor albitization. Pyrite and trace arsenopyrite present at 0.5%. 77.25 - 77.36m: fault at 48 degrees tca -fine gravel type material within Last 2.12m is silicified and silicification increases in intensity downhole towards adjacent alteration zone.	AND		033	76.10	76.58	0.48	<0.5	tr			0.550					
			AND		034	76.58	77.58	1.00	-				0.043					
			AND		035	87.18	88.18	1.00	tr	tr			0.016					
88.18	92.66	**MINERALIZED ZONE** This alteration/mineralized zone is not homogenous throughout; in fact it has patches of little alteration and mineralization. Albitization and bleaching is common in the strongest areas of alteration and mineralization. These zones are buff grey/beige colour and intruded/brecciated by semi-transparent to	MIN		036	88.18	89.20	1.02	5	1			3.630					
			Blank		037	89.20	89.20	0.00					0.002					
			MIN		038	89.20	90.50	1.30	<0.5	tr			0.383					
			MIN		039	90.50	91.58	1.08	4	1			3.673					
			MIN		040	91.58	92.66	1.08	4	1			10.386					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-039

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		transparent quartz. The pyrite and arsenopyrite is heaviest in abundance in the areas of strongest albite and quartz flooding. Minor fuchsite found is quartz veinlets. 88.18 to 89.20m: section of intense albitization and quartz flooding hosting 5-6% pyrite and 0.5-1.0% arsenopyrite. 89.20 to 90.50m: foliated and silicified section; mainly chloritic with minor albite and a few narrow mineralized quartz veinlets 90.50 to 92.66m: section of intense albite and thin semi-transparent/grey quartz veining. Well foliated and essentially banded. Foliation is very shallow tca; essentially parallel tca with a slight waviness. Alteration contacts are moderate to strong with adjacent host rock. Well mineralized at approx 4-5% pyrite and 1.0% arsenopyrite.																
92.66	116.20	**ANDESITE** Green chloritic fine-grained andesite with local patches of breccia that might represent flow top breccias. The clasts tend to be angular to sub-angular within a fine groundmass of fine beige feldspar cementation. The unit is well foliated anywhere from 40 to 70 degrees tca. Thin quartz/carb stringers cross the core at random angles tca. Local areas of fault structures with associated rusty staining. 93.94 - 95.27m: brittle fault with strong fe-carb over the last 0.70m. 95.97 - 96.47m: mineralized/alteration zone -fine albite alteration with quartz stringers and 6-7% fine pyrite + arseno	AND		041	92.66	94.00	1.34	tr	-			0.081					
			FLT		042	94.00	95.00	1.00	-	-			2.281					
			AND		043	95.00	95.97	0.97	tr	tr			0.124					
			MIN		044	95.97	96.47	0.50	6	1			3.295					
			AND		045	96.47	98.00	1.53	tr	-			0.020					
			AND		046	115.20	116.20	1.00	tr	-			0.025					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-039

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		100.50 - 101.96m: brittle fault -small 1-3cm angular shards of rock remain 104.05 - 104.60m: brittle fault -10 upper 10cm is gravel type material -lower 45cm is fe-carb and thin remnant quartz stringers																
116.20	117.55	**MINERALIZED ZONE** Similar to the mineralized zones above, this zone also is albite altered with associated quartz stringers and flooding causing a grey/beige buff colour. Patchy alteration locally with well defined contacts with chlorite rich host rocks. From 116.60 to 117.55m is the strongest alteration and mineralization. Mineralization consists of fine pyrite and arsenopyrite up to approx 5%. Hairline fault at 116.87m that shows evidence of movement sinistral (left-lateral) by the truncation and movement of a quartz vein. Trace bleb of cpy in quartz.	MIN		047	116.20	117.55	1.35	4	1			1.486					
117.55	146.30	**ANDESITE** Relatively massive and unfoliated unit below 119m. The unit is approx 50:50 chlorite and feldspar. Relatively homogenous as well with thin randomly oriented quartz/carb stringers throughout. Local areas of increases secondary quartz structures in the form of 1-2cm veinlets with associated black chlorite. Trace pyrite at best and unit much more competent. 118.85 - 119.10m: area of moderate albitization with 1-2% fine pyrite + arsenopyrite	AND		048	117.55	118.55	1.00	tr	-			0.013					
			AND		049	118.55	119.55	1.00					0.120					
			AND		050	119.55	120.55	1.00	-	-			0.012					
			AND		051	145.30	146.30	1.00	tr	-			0.100					

DIAMOND DRILL CORE LOGGING SHEET

METALS CREEK RESOURCES

LOGGED BY: D.Heerema SIGNATURE: PROPERTY: Ogden ZONE: South Zone HOLE NO.: OG15-039

METERAGE		DESCRIPTION	ROCK	Alt'n	SAMPLES						ASSAYS							
FROM	TO		CODE		No.	FROM	TO	LENGTH	%Py	%Ars	Pd (g/t)	Pt (g/t)	Au (g/t)	Cu (%)	Ni (%)	Co (%)	Zn (%)	Ag (ppm)
		138.00 - 138.22m: area of small scale ladder veining at 85 degrees tca																
146.30	150.28	**MINERALIZED ZONE** Unit of immense albitization, grey carbonate alteration and fine white/grey quartz flooding. The unit for the most part is well banded by albite and grey carb bands that locally have been disrupted and even weakly brecciated by the quartz flooding. Banding generally at 65-70 degrees tca. The highly altered areas contain approx 15% quartz, 45% grey/brown carb and 35% albite and 5% pyrite + arsenopyrite. The stronger alteration hosts the more significant sulphides. Slightly coarser sulphides than mineralized zones up hole. Arsenopyrite needles to 2.5mm. Portions of this unit are not nearly as altered and mineralized as the strongest material. Last 1.15m is mainly carb alteration with trace to 0.25% pyrite.	MIN		052	146.30	147.30	1.00	7	1			4.203					
			MIN		053	147.30	148.30	1.00	2	0.5			0.869					
			MIN		054	148.30	149.30	1.00	4	0.5			2.152					
			MIN		055	149.30	150.28	0.98	0.25	tr			2.204					
150.28	159.00	**ANDESITE** Massive and homogenous unit of green chloritic andesite with few thin quartz/carb stringers. End of Hole	AND		056	150.28	151.28	1.00	-	-			0.334					

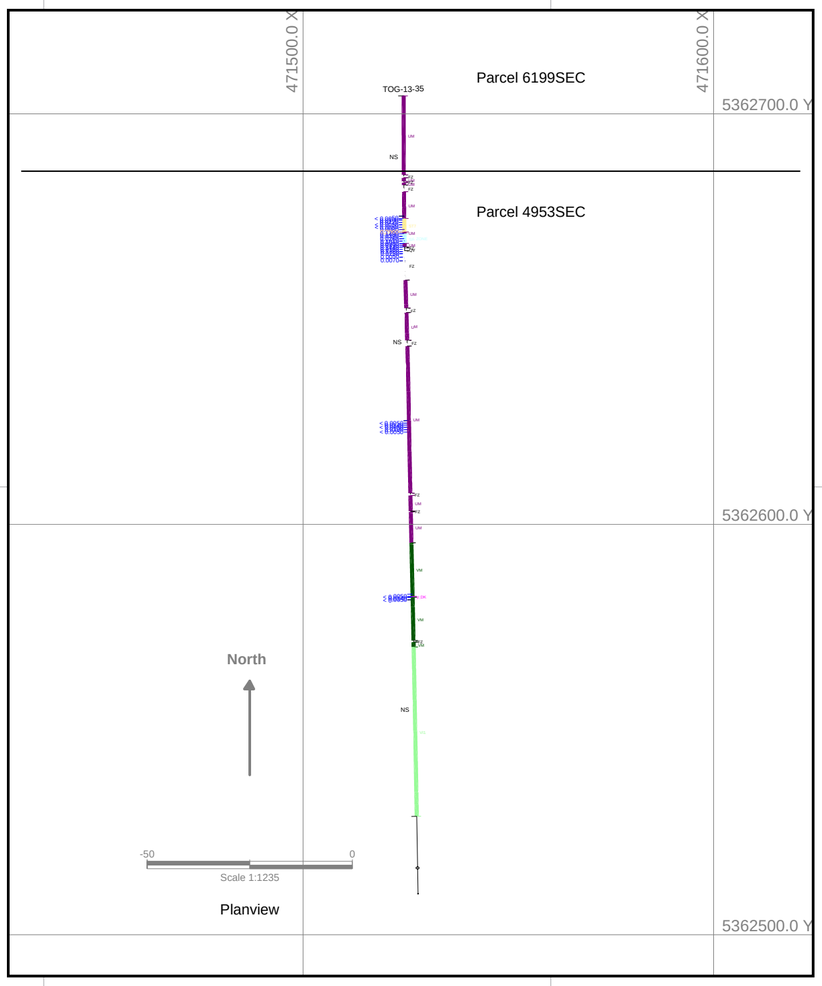
Printed: Friday, October 02, 2015

APPENDIX II

DRILL SECTIONS

S

N



Parcel 4953SEC

Parcel 6199SEC

TOG-13-35
359 azimuth, -51.5
dip, 329m length

TOG-13-35

Geological Legend

VI1 - Andesite - Fragmentals and tuffs of andesitic composition

VM - Mafic Metavolcanics - high strain zone of chlorite schist

UM - Ultramafics - chlorite/talc/serpentine and carbonate altered

ST2 - Conglomerate - pebble conglomerate (mainly felsic pebbles, occasional jasperitic pebble

ST6 - Greywacke

ST7 - Interbedded Greywacke and Argillites

ST8 - Argillites - finely bedded silts to muds

ST10 - Graphitic Argillites

FP10 - Felsite Dike

F.DK - Felsic Dike

I.DK - Intermediate Dike

F.Z - Fault Zone

QV - Quartz Vein

NS - Not Sampled

-50 0 50
Scale 1:1000

TSX: MEK.V Metals Creek Resources

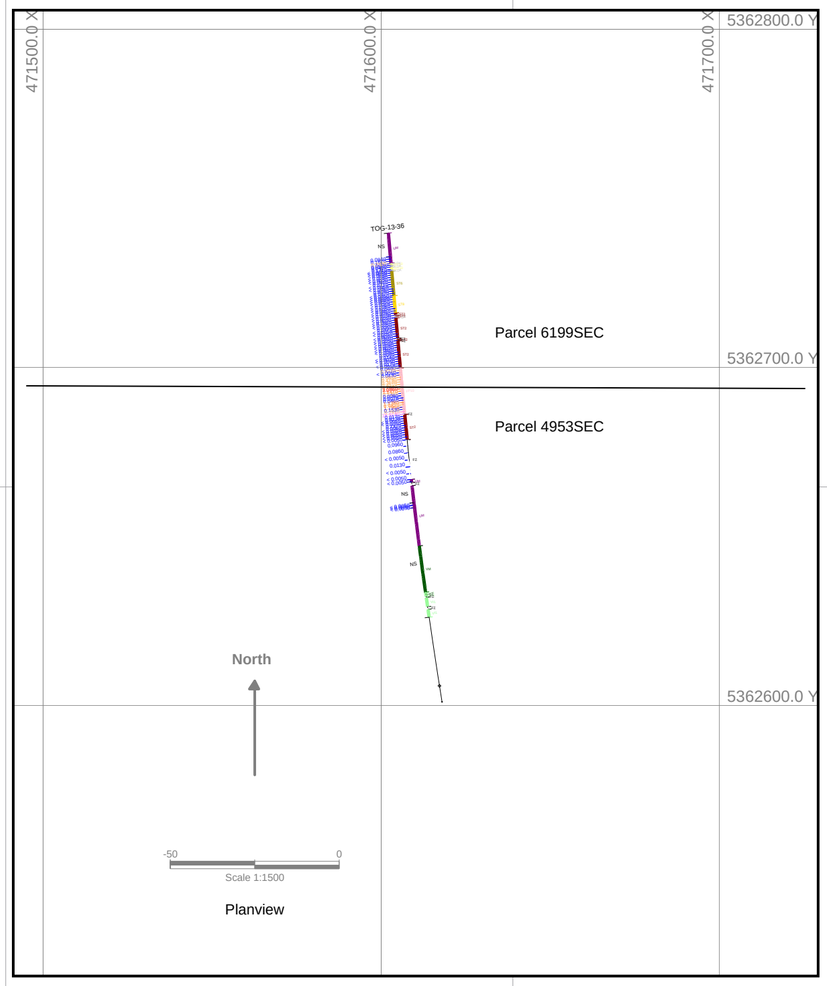
THOMAS OGDEN ZONE

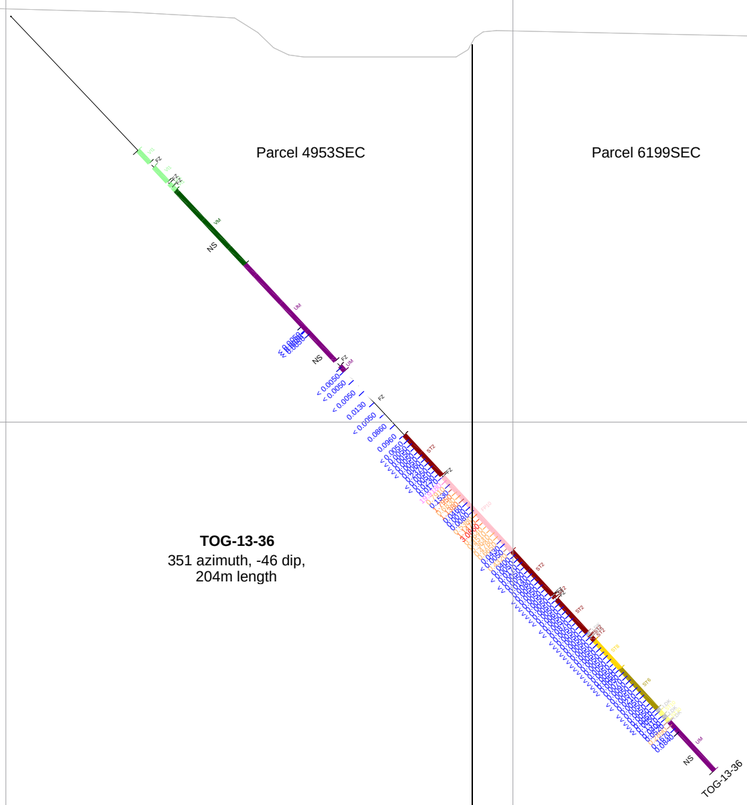
Hole TOG-13-35

Section looking west

S

N





TOG-13-36
351 azimuth, -46 dip,
204m length

Geological Legend

VI1 - Andesite - Fragmentals and tuffs of andesitic composition
VM - Mafic Metavolcanics - high strain zone of chlorite schist
UM - Ultramafics - chlorite/talc/serpentine and carbonate altered
ST2 - Conglomerate - pebble conglomerate (mainly felsic pebbles, occasional jasperitic pebble
ST6 - Greywacke
ST7 - Interbedded Greywacke and Argillites
ST8 - Argillites - finely bedded silts to muds
ST10 - Graphitic Argillites
FP10 - Felsite Dike
F.DK - Felsic Dike
I.DK - Intermediate Dike
F.Z - Fault Zone
QV - Quartz Vein

NS - Not Sampled

-50
0
50
Scale 1:1000

TSX: MEK.V Metals Creek Resources

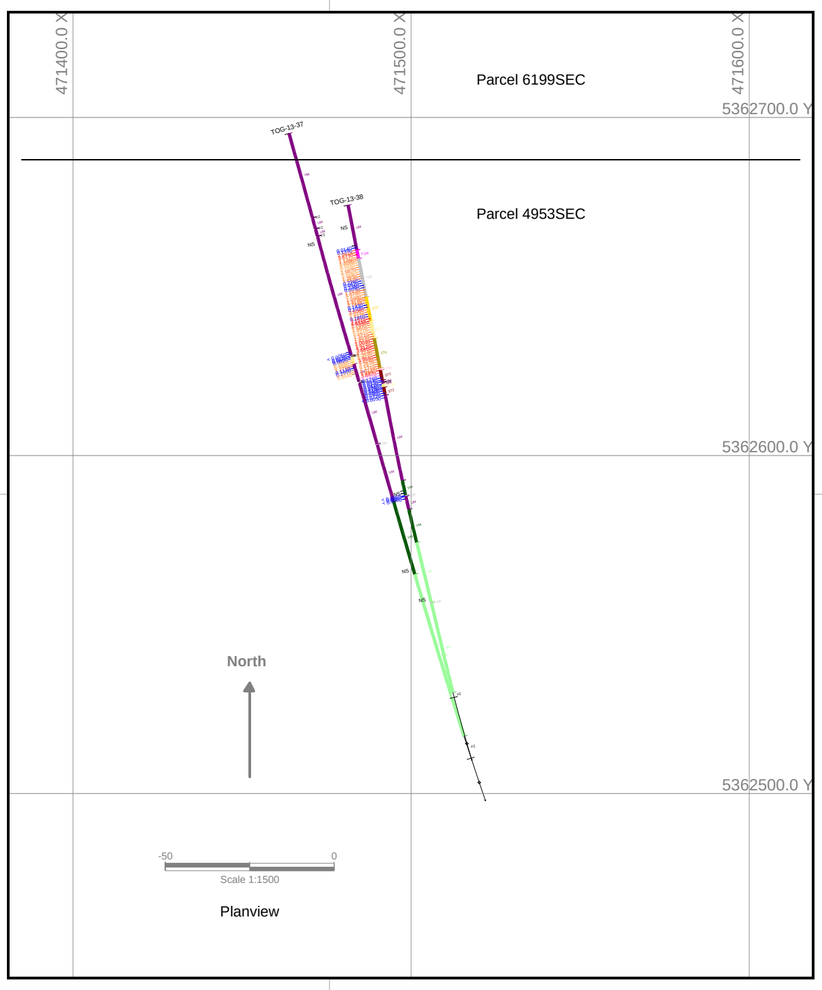
THOMAS OGDEN ZONE

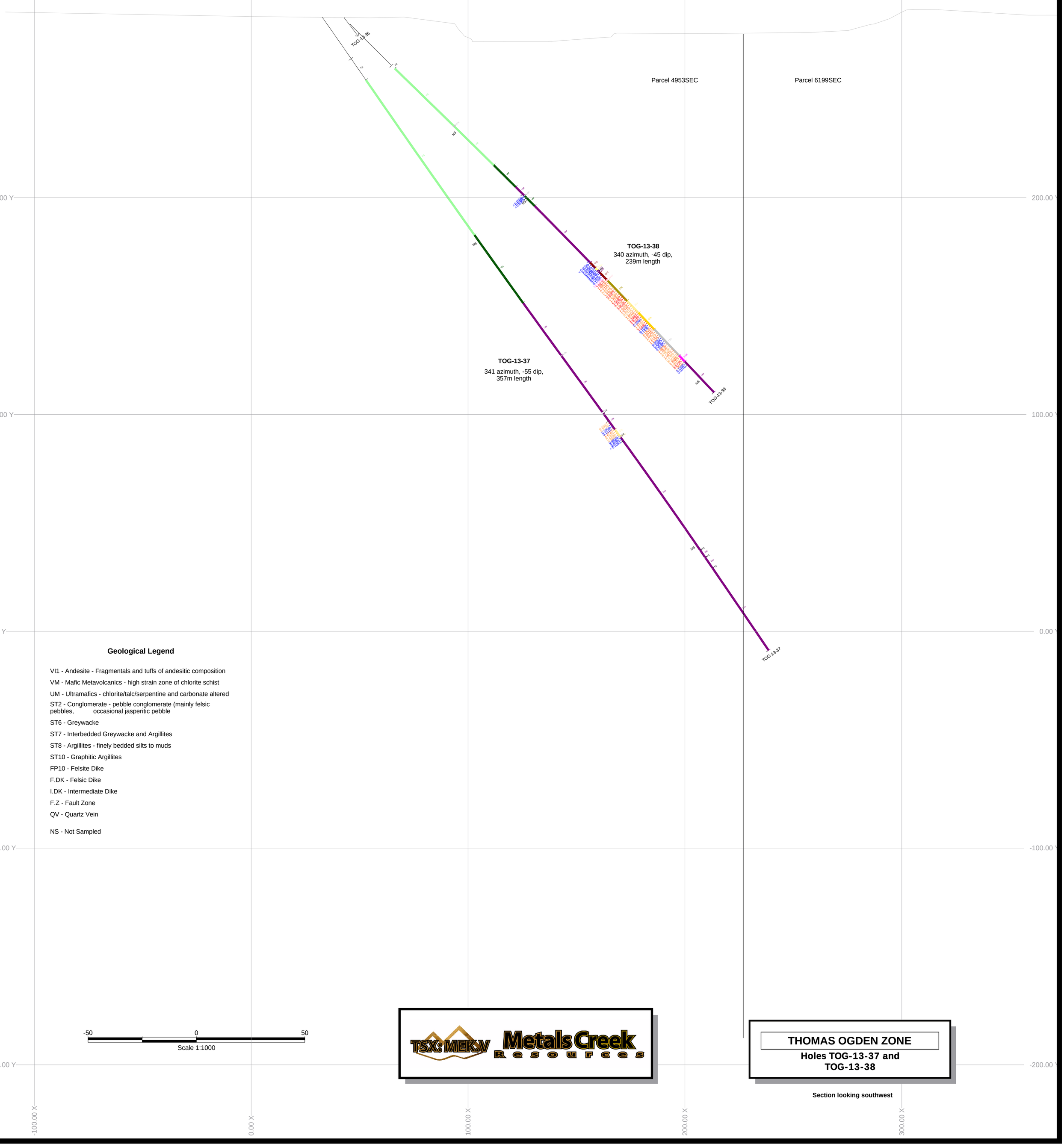
Hole TOG-13-36

Section looking west

S

N





Geological Legend

VI1 - Andesite - Fragmentals and tuffs of andesitic composition

VM - Mafic Metavolcanics - high strain zone of chlorite schist

UM - Ultramafics - chlorite/talc/serpentine and carbonate altered

ST2 - Conglomerate - pebble conglomerate (mainly felsic pebbles, occasional jasperitic pebble

ST6 - Greywacke

ST7 - Interbedded Greywacke and Argillites

ST8 - Argillites - finely bedded silts to muds

ST10 - Graphitic Argillites

FP10 - Felsite Dike

F.DK - Felsic Dike

I.DK - Intermediate Dike

F.Z - Fault Zone

QV - Quartz Vein

NS - Not Sampled

-50 0 50

Scale 1:1000

TSX: MEK.V Metals Creek Resources

THOMAS OGDEN ZONE

Holes TOG-13-37 and TOG-13-38

Section looking southwest

S

N

300.00 X

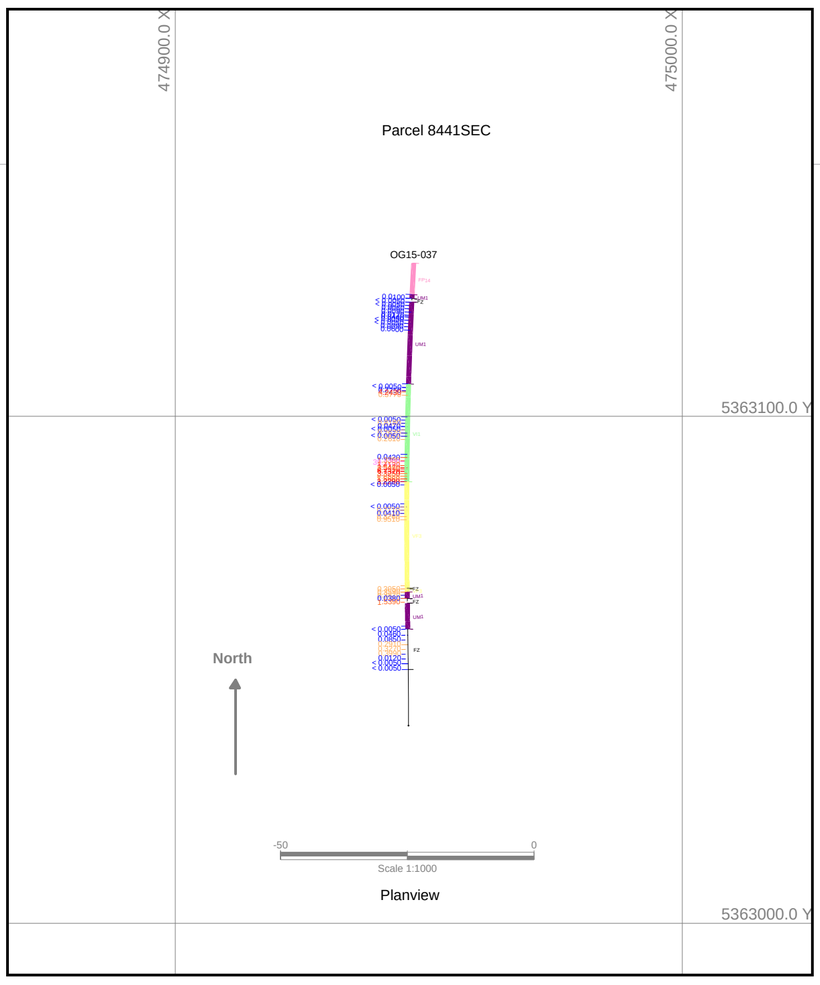
400.00 X

400.00 Y

300.00 Y

200.00 Y

100.00 Y



OG15-037

360 azimuth, -51 dip,
144m length

OG15-037

Geological Legend

VI1 - Andesite - Fragmentals and tuffs of andesitic composition

VM - Mafic Metavolcanics - high strain zone of chlorite schist

UM - Ultramafics - chlorite/talc/serpentine and carbonate altered

ST2 - Conglomerate - pebble conglomerate (mainly felsic pebbles, occasional jasperitic pebble

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ST8 - Argillites - finely bedded silts to muds

ST10 - Graphitic Argillites

FP10 - Felsite Dike

F.DK - Felsic Dike

I.DK - Intermediate Dike

F.Z - Fault Zone

QV - Quartz Vein

NS - Not Sampled

-50 0

Scale 1:500

TSX: MEK.V Metals Creek Resources

SOUTH ZONE

Hole OG15-037

Section looking west

S

N

300.00 X

400.00 X

400.00 Y

300.00 Y

200.00 Y

100.00 Y

474900.0 X

5363100.0 Y

Parcel 8441SEC

OG15-038

North

-50 0

Scale 1:500

Planview

OG15-038

360 azimuth, -60 dip,
94.4m length

Geological Legend

VI1 - Andesite - Fragmentals and tuffs of andesitic composition

VM - Mafic Metavolcanics - high strain zone of chlorite schist

UM - Ultramafics - chlorite/talc/serpentine and carbonate altered

ST2 - Conglomerate - pebble conglomerate (mainly felsic pebbles, occasional jasperitic pebble

ST6 - Greywacke

ST7 - Interbedded Greywacke and Argillites

ST8 - Argillites - finely bedded silts to muds

ST10 - Graphitic Argillites

FP10 - Felsite Dike

F.DK - Felsic Dike

I.DK - Intermediate Dike

F.Z - Fault Zone

QV - Quartz Vein

NS - Not Sampled

-50 0

Scale 1:500

TSX: MEK.V Metals Creek Resources

SOUTH ZONE

Hole OG15-038

Section looking west

S

N

300.00 X

400.00 X

400.00 Y

300.00 Y

200.00 Y

100.00 Y

474600.0 X

474700.0 X

5363100.0 Y

5363000.0 Y

Parcel 8441SEC

OG15-039

North

-50 0

Scale 1:1000

Planview

OG15-039

360 azimuth, -47 dip,
159m length

OG15-039

Geological Legend

VI1 - Andesite - Fragmentals and tuffs of andesitic composition

VM - Mafic Metavolcanics - high strain zone of chlorite schist

UM - Ultramafics - chlorite/talc/serpentine and carbonate altered

ST2 - Conglomerate - pebble conglomerate (mainly felsic pebbles, occasional jasperitic pebble

ST6 - Greywacke

ST7 - Interbedded Greywacke and Argillites

ST8 - Argillites - finely bedded silts to muds

ST10 - Graphitic Argillites

FP10 - Felsite Dike

F.DK - Felsic Dike

I.DK - Intermediate Dike

F.Z - Fault Zone

QV - Quartz Vein

NS - Not Sampled

-50 0

Scale 1:500

TSX: MEK.V Metals Creek Resources

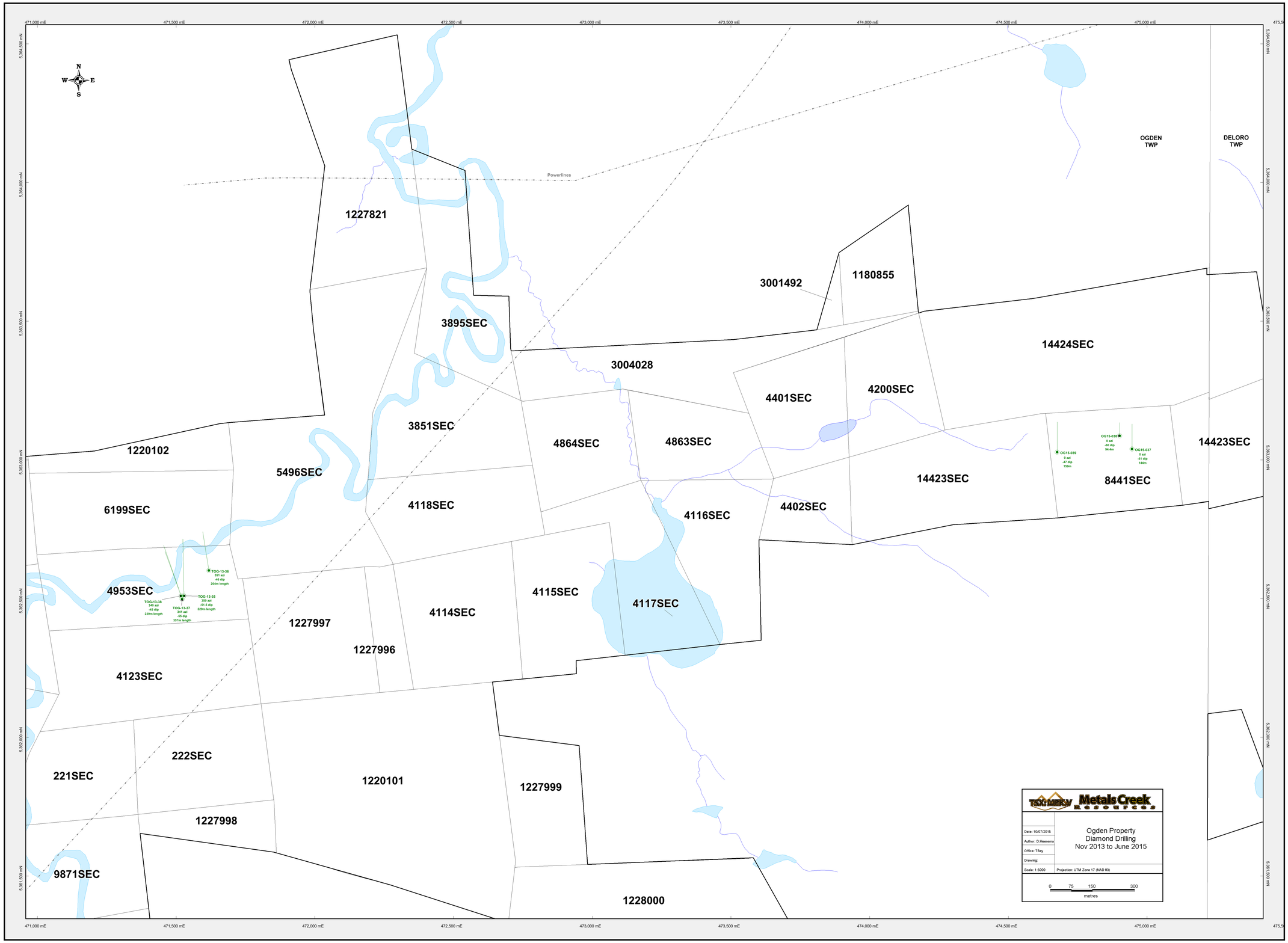
SOUTH ZONE

Hole OG15-039

Section looking west

APPENDIX III

DRILL PLAN


471,000 mE
471,500 mE
472,000 mE
472,500 mE
473,000 mE
473,500 mE
474,000 mE
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5,364,500 mN
5,364,000 mN
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5,362,500 mN
5,362,000 mN
5,361,500 mN
N
W
E
S
Powerlines
OGDEN TWP
DELORO TWP
1227821
3001492
1180855
3895SEC
14424SEC
3004028
4401SEC
4200SEC
3851SEC
4864SEC
4863SEC
14423SEC
1220102
5496SEC
OG15-038
0 azi
-90 dip
94.4m
OG15-039
0 azi
-47 dip
159m
OG15-037
0 azi
-51 dip
144m
8441SEC
14423SEC
6199SEC
4118SEC
4402SEC
4116SEC
TOG-13-36
351 azi
-46 dip
204m length
4953SEC
TOG-13-38
340 azi
-45 dip
239m length
TOG-13-37
341 azi
-55 dip
357m length
TOG-13-35
339 azi
-51.5 dip
328m length
4115SEC
4117SEC
1227997
4114SEC
1227996
4123SEC
222SEC
221SEC
1220101
1227999
1227998
9871SEC
1228000
Date: 10/07/2015
Author: D.Heerema
Office: TBay
Drawing:
Scale: 1:5000
Projection: UTM Zone 17 (NAD 83)
Ogden Property
Diamond Drilling
Nov 2013 to June 2015
0
75
150
300
metres

APPENDIX IV

ASSAY CERTIFICATES

ACCURASSAY LABORATORIES
1046 Gorham Street
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Thursday, December 5, 2013

Final Certificate

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Ph#: (807) 345-4990
Fax#: (807) 345-5382
Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 11/18/2013
Date Completed: 11/26/2013
Job #: 201342446
Reference:
Sample #: 128

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
171169	TOG-13-35-001	<5	<0.001	<0.005
171170	TOG-13-35-002	14	<0.001	0.014
171171	TOG-13-35-003	<5	<0.001	<0.005
171172	TOG-13-35-004	<5	<0.001	<0.005
171173	TOG-13-35-005	10	<0.001	0.010
171174	TOG-13-35-006	<5	<0.001	<0.005
171175	TOG-13-35-007	14	<0.001	0.014
171176	TOG-13-35-008	<5	<0.001	<0.005
171177	TOG-13-35-009	7	<0.001	0.007
171178	TOG-13-35-010	5	<0.001	0.005
171179 Dup	TOG-13-35-010	<5	<0.001	<0.005
171180	TOG-13-35-011	25	<0.001	0.025
171181	TOG-13-35-012	126	0.004	0.126
171182	TOG-13-35-013	3085	0.090	3.085
171183	TOG-13-35-014	16	<0.001	0.016
171184	TOG-13-35-015	144	0.004	0.144
171185	TOG-13-35-016	49	0.001	0.049
171186	TOG-13-35-017	9	<0.001	0.009
171187	TOG-13-35-018	101	0.003	0.101
171188	TOG-13-35-019	<5	<0.001	<0.005
171189	TOG-13-35-020	26	<0.001	0.026
171190 Dup	TOG-13-35-020	17	<0.001	0.017
171191	TOG-13-35-021	39	0.001	0.039
171192	TOG-13-35-022	149	0.004	0.149
171193	TOG-13-35-023	296	0.009	0.296
171194	TOG-13-35-024	8	<0.001	0.008
171195	TOG-13-35-025	<5	<0.001	<0.005
171196	TOG-13-35-026	<5	<0.001	<0.005
171197	TOG-13-35-027	22	<0.001	0.022
171198	TOG-13-35-028	10	<0.001	0.010

PROCEDURE CODES: ALP1, ALFA1

Certified By: Dr. David Brown, VP Quality

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Date Received: 11/18/2013
Date Completed: 11/26/2013
Job #: 201342446
Reference:
Sample #: 128

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
171199	TOG-13-35-029	<5	<0.001	<0.005
171200	TOG-13-36-001	<5	<0.001	<0.005
171201 Dup	TOG-13-36-001	<5	<0.001	<0.005
171202	TOG-13-36-002	<5	<0.001	<0.005
171203	TOG-13-36-003	<5	<0.001	<0.005
171204	TOG-13-36-004	<5	<0.001	<0.005
171205	TOG-13-36-005	<5	<0.001	<0.005
171206	TOG-13-36-006	<5	<0.001	<0.005
171207	TOG-13-36-007	13	<0.001	0.013
171208	TOG-13-36-008	<5	<0.001	<0.005
171209	TOG-13-36-009	86	0.002	0.086
171210	TOG-13-36-010	96	0.003	0.096
171211	TOG-13-36-011	<5	<0.001	<0.005
171212 Dup	TOG-13-36-011	<5	<0.001	<0.005
171213	TOG-13-36-012	<5	<0.001	<0.005
171214	TOG-13-36-013	<5	<0.001	<0.005
171215	TOG-13-36-014	<5	<0.001	<0.005
171216	TOG-13-36-015	<5	<0.001	<0.005
171217	TOG-13-36-016	<5	<0.001	<0.005
171218	TOG-13-36-017	6	<0.001	0.006
171219	TOG-13-36-018	237	0.007	0.237
171220	TOG-13-36-019	<5	<0.001	<0.005
171221	TOG-13-36-020	<5	<0.001	<0.005
171222	TOG-13-36-021	23	<0.001	0.023
171223 Dup	TOG-13-36-021	7	<0.001	0.007
171224	TOG-13-36-022	17	<0.001	0.017
171225	TOG-13-36-023	19918	0.581	19.918
171226	TOG-13-36-024	791	0.023	0.791
171227	TOG-13-36-025	153	0.004	0.153
171228	TOG-13-36-026	1679	0.049	1.679

PROCEDURE CODES: ALP1, ALFA1

Certified By: Dr. David Brown, VP Quality

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Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 11/18/2013
Date Completed: 11/26/2013
Job #: 201342446
Reference:
Sample #: 128

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
171229	TOG-13-36-027	683	0.020	0.683
171230	TOG-13-36-028	766	0.022	0.766
171231	TOG-13-36-029	877	0.026	0.877
171232	TOG-13-36-030	46	0.001	0.046
171233	TOG-13-36-031	7	<0.001	0.007
171234 Rep	TOG-13-36-031	<5	<0.001	<0.005
171235	TOG-13-36-032	8	<0.001	0.008
171236	TOG-13-36-033	538	0.016	0.538
171237	TOG-13-36-034	1147	0.033	1.147
171238	TOG-13-36-035	3086	0.090	3.086
171239	TOG-13-36-036	264	0.008	0.264
171240	TOG-13-36-037	<5	<0.001	<0.005
171241	TOG-13-36-038	451	0.013	0.451
171242	TOG-13-36-039	364	0.011	0.364
171243	TOG-13-36-040	478	0.014	0.478
171244	TOG-13-36-041	665	0.019	0.665
171245 Dup	TOG-13-36-041	570	0.017	0.570
171246	TOG-13-36-042	43	0.001	0.043
171247	TOG-13-36-043	<5	<0.001	<0.005
171248	TOG-13-36-044	432	0.013	0.432
171249	TOG-13-36-045	40	0.001	0.040
171250	TOG-13-36-046	<5	<0.001	<0.005
171251	TOG-13-36-047	17	<0.001	0.017
171252	TOG-13-36-048	<5	<0.001	<0.005
171253	TOG-13-36-049	<5	<0.001	<0.005
171254	TOG-13-36-050	2722	0.079	2.722
171255	TOG-13-36-051	14	<0.001	0.014
171256 Dup	TOG-13-36-051	10	<0.001	0.010
171257	TOG-13-36-052	8	<0.001	0.008
171258	TOG-13-36-053	<5	<0.001	<0.005

PROCEDURE CODES: ALP1, ALFA1

Certified By: Dr. David Brown, VP Quality

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Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 11/18/2013
Date Completed: 11/26/2013
Job #: 201342446
Reference:
Sample #: 128

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
171259	TOG-13-36-054	<5	<0.001	<0.005
171260	TOG-13-36-055	<5	<0.001	<0.005
171261	TOG-13-36-056	<5	<0.001	<0.005
171262	TOG-13-36-057	<5	<0.001	<0.005
171263	TOG-13-36-058	<5	<0.001	<0.005
171264	TOG-13-36-059	<5	<0.001	<0.005
171265	TOG-13-36-060	<5	<0.001	<0.005
171266	TOG-13-36-061	6	<0.001	0.006
171267 Dup	TOG-13-36-061	10	<0.001	0.010
171268	TOG-13-36-062	<5	<0.001	<0.005
171269	TOG-13-36-063	<5	<0.001	<0.005
171270	TOG-13-36-064	87	0.003	0.087
171271	TOG-13-36-065	<5	<0.001	<0.005
171272	TOG-13-36-066	<5	<0.001	<0.005
171273	TOG-13-36-067	<5	<0.001	<0.005
171274	TOG-13-36-068	<5	<0.001	<0.005
171275	TOG-13-36-069	<5	<0.001	<0.005
171276	TOG-13-36-070	<5	<0.001	<0.005
171277	TOG-13-36-071	<5	<0.001	<0.005
171278 Dup	TOG-13-36-071	<5	<0.001	<0.005
171279	TOG-13-36-072	<5	<0.001	<0.005
171280	TOG-13-36-073	<5	<0.001	<0.005
171281	TOG-13-36-074	<5	<0.001	<0.005
171282	TOG-13-36-075	<5	<0.001	<0.005
171283	TOG-13-36-076	<5	<0.001	<0.005
171284	TOG-13-36-077	<5	<0.001	<0.005
171285	TOG-13-36-078	<5	<0.001	<0.005
171286	TOG-13-36-079	<5	<0.001	<0.005
171287	TOG-13-36-080	<5	<0.001	<0.005
171288	TOG-13-36-081	7	<0.001	0.007

PROCEDURE CODES: ALP1, ALFA1

Certified By: Dr. David Brown, VP Quality

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Date Received: 11/18/2013
Date Completed: 11/26/2013
Job #: 201342446
Reference:
Sample #: 128

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
171289 Dup	TOG-13-36-081	<5	<0.001	<0.005
171290	TOG-13-36-082	1403	0.041	1.403
171291	TOG-13-36-083	9	<0.001	0.009
171292	TOG-13-36-084	<5	<0.001	<0.005
171293	TOG-13-36-085	<5	<0.001	<0.005
171294	TOG-13-36-086	21	<0.001	0.021
171295	TOG-13-36-087	<5	<0.001	<0.005
171296	TOG-13-36-088	<5	<0.001	<0.005
171297	TOG-13-36-089	<5	<0.001	<0.005
171298	TOG-13-36-090	<5	<0.001	<0.005
171299	TOG-13-36-091	<5	<0.001	<0.005
171300 Rep	TOG-13-36-091	<5	<0.001	<0.005
171301	TOG-13-36-092	<5	<0.001	<0.005
171302	TOG-13-36-093	131	0.004	0.131
171303	TOG-13-36-094	40	0.001	0.040
171304	TOG-13-36-095	52	0.002	0.052
171305	TOG-13-36-096	<5	<0.001	<0.005
171306	TOG-13-36-097	289	0.008	0.289
171307	TOG-13-36-098	167	0.005	0.167
171308	TOG-13-36-099	84	0.002	0.084

PROCEDURE CODES: ALP1, ALFA1

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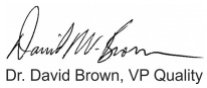
Fax#: (807) 345-5382
Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 12/11/2013
Date Completed: 12/19/2013
Job #: 201342655
Reference: 201342445 42446
Sample #: 24

Acc #	Client ID	Au Grav oz/t	Au Grav g/t(ppm)
184435	TOG-13-36-023	0.439	15.040
184436	TOG-13-36-024	<0.029	<1.000
184437	TOG-13-36-025	<0.029	<1.000
184438	TOG-13-36-026	0.052	1.795
184439	TOG-13-36-027	<0.029	<1.000
184440	TOG-13-36-028	Insufficient Sample	
184441	TOG-13-36-029	0.033	1.138
184442	TOG-13-36-033	<0.029	<1.000
184443	TOG-13-36-034	<0.029	<1.000
184444	TOG-13-36-035	0.063	2.176
184445	TOG-13-36-036	<0.029	<1.000
184446	TOG-13-36-038	<0.029	<1.000
184447	TOG-13-36-039	<0.029	<1.000
184448	TOG-13-36-040	<0.029	<1.000
184449	TOG-13-36-041	<0.029	<1.000
184450	TOG-13-37-01	<0.029	<1.000
184451	TOG-13-37-02	<0.029	<1.000
184452	TOG-13-37-03	<0.029	<1.000
184453	TOG-13-37-04	<0.029	<1.000
184454	TOG-13-37-05	<0.029	<1.000

PROCEDURE CODES: ALFA7, ALP1

Certified By:  Dr. David Brown, VP Quality

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-0730-12/19/2013 1:44 PM

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Date Received: 12/11/2013
Date Completed: 12/19/2013
Job #: 201342655
Reference: 201342445 42446
Sample #: 24

Acc #	Client ID	Au Grav oz/t	Au Grav g/t(ppm)
184455	TOG-13-37-06	Insufficient Sample	
184456	TOG-13-37-07	<0.029	<1.000
184457	TOG-13-37-08	<0.029	<1.000
184458	TOG-13-37-09	<0.029	<1.000

PROCEDURE CODES: ALFA7, ALP1

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Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 11/18/2013
Date Completed: 11/29/2013
Job #: 201342445
Reference:
Sample #: 92

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
171068	TOG-13-38-001	<5	<0.001	<0.005
171069	TOG-13-38-002	5	<0.001	0.005
171070	TOG-13-38-003	<5	<0.001	<0.005
171071	TOG-13-38-004	<5	<0.001	<0.005
171072	TOG-13-38-005	72	0.002	0.072
171073	TOG-13-38-006	90	0.003	0.090
171074	TOG-13-38-007	90	0.003	0.090
171075	TOG-13-38-008	148	0.004	0.148
171076	TOG-13-38-009	76	0.002	0.076
171077	TOG-13-38-010	184	0.005	0.184
171078 Dup	TOG-13-38-010	197	0.006	0.197
171079	TOG-13-38-011	42	0.001	0.042
171080	TOG-13-38-012	32	<0.001	0.032
171081	TOG-13-38-013	94	0.003	0.094
171082	TOG-13-38-014	176	0.005	0.176
171083	TOG-13-38-015	13777	0.402	13.777
171084	TOG-13-38-016	12	<0.001	0.012
171085	TOG-13-38-017	2563	0.075	2.563
171086	TOG-13-38-018	1418	0.041	1.418
171087	TOG-13-38-019	1202	0.035	1.202
171088	TOG-13-38-020	1626	0.047	1.626
171089 Dup	TOG-13-38-020	1578	0.046	1.578
171090	TOG-13-38-021	942	0.027	0.942
171091	TOG-13-38-022	2267	0.066	2.267
171092	TOG-13-38-023	2428	0.071	2.428
171093	TOG-13-38-024	4230	0.123	4.230
171094	TOG-13-38-025	3855	0.112	3.855
171095	TOG-13-38-026	629	0.018	0.629
171096	TOG-13-38-027	1256	0.037	1.256
171097	TOG-13-38-028	1461	0.043	1.461

PROCEDURE CODES: ALP1, ALFA1

Certified By: Dr. David Brown, VP Quality

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Date Received: 11/18/2013
Date Completed: 11/29/2013
Job #: 201342445
Reference:
Sample #: 92

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
171098	TOG-13-38-029	3465	0.101	3.465
171099	TOG-13-38-030	3738	0.109	3.738
171100 Dup	TOG-13-38-030	4543	0.133	4.543
171101	TOG-13-38-031	1195	0.035	1.195
171102	TOG-13-38-032	3004	0.088	3.004
171103	TOG-13-38-033	1343	0.039	1.343
171104	TOG-13-38-034	<5	<0.001	<0.005
171105	TOG-13-38-035	1186	0.035	1.186
171106	TOG-13-38-036	1571	0.046	1.571
171107	TOG-13-38-037	691	0.020	0.691
171108	TOG-13-38-038	621	0.018	0.621
171109	TOG-13-38-039	1960	0.057	1.960
171110	TOG-13-38-040	597	0.017	0.597
171111 Dup	TOG-13-38-040	687	0.020	0.687
171112	TOG-13-38-041	2703	0.079	2.703
171113	TOG-13-38-042	4651	0.136	4.651
171114	TOG-13-38-043	3151	0.092	3.151
171115	TOG-13-38-044	186	0.005	0.186
171116	TOG-13-38-045	1437	0.042	1.437
171117	TOG-13-38-046	619	0.018	0.619
171118	TOG-13-38-047	3506	0.102	3.506
171119	TOG-13-38-048	103	0.003	0.103
171120	TOG-13-38-049	4061	0.118	4.061
171121	TOG-13-38-050	143	0.004	0.143
171122 Dup	TOG-13-38-050	155	0.005	0.155
171123	TOG-13-38-051	2180	0.064	2.180
171124	TOG-13-38-052	1158	0.034	1.158
171125	TOG-13-38-053	1373	0.040	1.373
171126	TOG-13-38-054	1068	0.031	1.068
171127	TOG-13-38-055	474	0.014	0.474

PROCEDURE CODES: ALP1, ALFA1

Certified By: Dr. David Brown, VP Quality

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Thursday, December 5, 2013

Final Certificate

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Fax#: (807) 345-5382
Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 11/18/2013
Date Completed: 11/29/2013
Job #: 201342445
Reference:
Sample #: 92

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
171128	TOG-13-38-056	1278	0.037	1.278
171129	TOG-13-38-057	1038	0.030	1.038
171130	TOG-13-38-058	<5	<0.001	<0.005
171131	TOG-13-38-059	59	0.002	0.059
171132	TOG-13-38-060	236	0.007	0.236
171133 Rep	TOG-13-38-060	313	0.009	0.313
171134	TOG-13-38-061	62	0.002	0.062
171135	TOG-13-38-062	226	0.007	0.226
171136	TOG-13-38-063	1256	0.037	1.256
171137	TOG-13-38-064	1283	0.037	1.283
171138	TOG-13-38-065	866	0.025	0.866
171139	TOG-13-38-066	706	0.021	0.706
171140	TOG-13-38-067	1987	0.058	1.987
171141	TOG-13-38-068	706	0.021	0.706
171142	TOG-13-38-069	776	0.023	0.776
171143	TOG-13-38-070	<5	<0.001	<0.005
171144 Dup	TOG-13-38-070	Insufficient Sample		
171145	TOG-13-38-071	268	0.008	0.268
171146	TOG-13-38-072	1125	0.033	1.125
171147	TOG-13-38-073	1126	0.033	1.126
171148	TOG-13-38-074	851	0.025	0.851
171149	TOG-13-38-075	1812	0.053	1.812
171150	TOG-13-38-076	2061	0.060	2.061
171151	TOG-13-38-077	139	0.004	0.139
171152	TOG-13-38-078	14	<0.001	0.014
171153	TOG-13-37-001	264	0.008	0.264
171154	TOG-13-37-002	477	0.014	0.477
171155 Dup	TOG-13-37-002	460	0.013	0.460
171156	TOG-13-37-003	200	0.006	0.200
171157	TOG-13-37-004	111	0.003	0.111

PROCEDURE CODES: ALP1, ALFA1

Certified By: Dr. David Brown, VP Quality

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Date Received: 11/18/2013
Date Completed: 11/29/2013
Job #: 201342445
Reference:
Sample #: 92

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
171158	TOG-13-37-005	1162	0.034	1.162
171159	TOG-13-37-006	6	<0.001	0.006
171160	TOG-13-37-007	786	0.023	0.786
171161	TOG-13-37-008	455	0.013	0.455
171162	TOG-13-37-009	584	0.017	0.584
171163	TOG-13-37-010	82	0.002	0.082
171164	TOG-13-37-011	750	0.022	0.750
171165	TOG-13-37-012	56	0.002	0.056
171166 Dup	TOG-13-37-012	52	0.002	0.052
171167	TOG-13-37-013	15	<0.001	0.015
171168	TOG-13-37-014	<5	<0.001	<0.005

PROCEDURE CODES: ALP1, ALFA1

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Date Received: 11/29/2013
Date Completed: 12/05/2013
Job #: 201342552
Reference: 201342445
Sample #: 36

Acc #	Client ID	Au Grav oz/t	Au Grav g/t(ppm)
177734	TOG-13-38-017	0.113	3.887
177735	TOG-13-38-018	0.044	1.496
177736	TOG-13-38-019	0.038	1.311
177737	TOG-13-38-020	0.062	2.131
177738	TOG-13-38-022	0.054	1.855
177739	TOG-13-38-023	0.065	2.230
177740	TOG-13-38-025	0.107	3.666
177741	TOG-13-38-027	0.040	1.369
177742	TOG-13-38-028	0.066	2.274
177743	TOG-13-38-029	0.108	3.686
177744	TOG-13-38-030	0.126	4.312
177745	TOG-13-38-031	0.047	1.624
177746	TOG-13-38-032	0.070	2.404
177747	TOG-13-38-033	0.042	1.434
177748	TOG-13-38-035	0.041	1.403
177749	TOG-13-38-036	0.033	1.137
177750	TOG-13-38-039	0.054	1.850
177751	TOG-13-38-041	0.037	1.281
177752	TOG-13-38-042	0.133	4.554
177753	TOG-13-38-043	0.066	2.268

PROCEDURE CODES: ALM1, ALFA7

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Date Received: 11/29/2013
Date Completed: 12/05/2013
Job #: 201342552
Reference: 201342445
Sample #: 36

Acc #	Client ID	Au Grav oz/t	Au Grav g/t(ppm)
177754	TOG-13-38-045	0.037	1.283
177755	TOG-13-38-047	0.090	3.069
177756	TOG-13-38-051	0.058	1.982
177757	TOG-13-38-052	0.038	1.311
177758	TOG-13-38-053	0.032	1.102
177759	TOG-13-38-054	0.032	1.090
177760	TOG-13-38-056	0.049	1.678
177761	TOG-13-38-057	0.036	1.243
177762	TOG-13-38-063	0.042	1.450
177763	TOG-13-38-064	0.037	1.268
177764	TOG-13-38-067	0.049	1.663
177765	TOG-13-38-072	0.040	1.359
177766	TOG-13-38-073	0.032	1.094
177767	TOG-13-38-075	0.107	3.673
177768	TOG-13-38-076	0.060	2.044
177769	TOG-13-37-005	0.037	1.273

PROCEDURE CODES: ALM1, ALFA7

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Date Received: 11/27/2013
Date Completed: 12/05/2013
Job #: 201342518
Reference: 201342446
Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metallics Assay ppm	Total ppm	% Met. in Pulp	Pulp Met. Weight(g) ppm
175609	TOG-13-36-023	8.978	9.218	452.264	15.032	1.34%	13.43

PROCEDURE CODES: ALPM1

Certified By: Dr. David Brown, VP Quality

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Date Received: 11/29/2013
Date Completed: 12/05/2013
Job #: 201342553
Reference: 201342445
Sample #: 1

Acc #	Client ID	#1 Pulp Assay ppm	#2 Pulp Assay ppm	Metallics Assay ppm	Total ppm	% Met. in Pulp	Pulp Met. Weight(g) ppm
177770	TOG-13-38-015	12.829	13.940	117.743	16.235	2.73%	27.34

PROCEDURE CODES: ALPM1

Certified By: Dr. David Brown, VP Quality

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CLIENT NAME: METALS CREEK RESOURCES
945 COBALT CRES
THUNDER BAY , ON P7B5Z4
(807) 345-4990

ATTENTION TO: JEFF MYLLYAHO

PROJECT NO:

AGAT WORK ORDER: 13B791562

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Dec 27, 2013

PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 13B791562
PROJECT NO:

CLIENT NAME: METALS CREEK RESOURCES

ATTENTION TO: JEFF MYLLYAHO

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 06, 2013 | DATE RECEIVED: Dec 06, 2013 | DATE REPORTED: Dec 27, 2013 | SAMPLE TYPE: Other

Analyte:	Sample Login Weight	Au	Au-Grav
Unit:	kg	ppm	g/t
Sample ID (AGAT ID) RDL:	0.01	0.001	0.05
TOG-13-35-005 (5035227)	0.41	0.062	
TOG-13-35-015 (5035228)	0.32	0.066	
TOG-13-35-025 (5035229)	0.30	0.005	
TOG-13-36-005 (5035230)	0.28	0.003	
TOG-13-36-015 (5035231)	0.34	0.003	
TOG-13-36-025 (5035232)	0.37	0.207	
TOG-13-36-035 (5035233)	0.36	1.26	
TOG-13-36-045 (5035234)	0.38	0.041	
TOG-13-36-055 (5035235)	0.26	0.007	
TOG-13-36-065 (5035236)	0.35	<0.001	
TOG-13-36-075 (5035237)	0.32	<0.001	
TOG-13-36-085 (5035238)	0.34	<0.001	
TOG-13-36-095 (5035239)	0.42	0.051	
TOG-13-38-005 (5035240)	0.33	0.086	
TOG-13-38-015 (5035241)	0.31	>10	16.2
TOG-13-38-025 (5035242)	0.38	2.69	
TOG-13-38-035 (5035243)	0.29	1.08	
TOG-13-38-045 (5035244)	0.42	0.964	
TOG-13-38-055 (5035245)	0.35	0.544	
TOG-13-38-065 (5035246)	0.30	1.39	
TOG-13-38-075 (5035247)	0.36	0.886	
TOG-13-37-005 (5035248)	0.41	1.34	

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

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Quality Assurance - Replicate

AGAT WORK ORDER: 13B791562

PROJECT NO:

CLIENT NAME: METALS CREEK RESOURCES

ATTENTION TO: JEFF MYLLYAHO

Fire Assay - Trace Au, ICP-OES finish (202052)

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	5035227	0.0620	0.0533	15.1%	5035239	0.051	0.051	0.0%								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 13B791562

PROJECT NO:

CLIENT NAME: METALS CREEK RESOURCES

ATTENTION TO: JEFF MYLLYAHO

Fire Assay - Trace Au, ICP-OES finish (202052)

	CRM #1 (GS6D)				CRM #2 (CM14)				CRM #3							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.09	6.03	99%	90% - 110%	0.792	0.859	108%	90% - 110%								
Au-Grav									14.8	15.3	103%	95% - 105%				

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Method Summary

CLIENT NAME: METALS CREEK RESOURCES

AGAT WORK ORDER: 13B791562

PROJECT NO:

ATTENTION TO: JEFF MYLLYAHO

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Au-Grav	MIN-200-12006		GRAVIMETRIC

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Wednesday, September 30, 2015

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Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 06/23/2015
Date Completed: 07/15/2015
Job #: 201542483
Reference:
Sample #: 138

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
216402	OG15-037-001	<0.005	
216403	OG15-037-002	<0.005	
216404	OG15-037-003	0.012	
216405	OG15-037-004	0.399	
216406	OG15-037-005	0.327	
216407	OG15-037-006	0.291	
216408	OG15-037-007	0.085	
216409	OG15-037-008	0.046	
216410	OG15-037-009	<0.005	
216411	OG15-037-010	1.313	1.539
216412	OG15-037-010 Dup	1.439	1.519
216413	OG15-037-011	0.038	
216414	OG15-037-012	0.382	
216415	OG15-037-013	0.359	
216416	OG15-037-014	0.305	
216417	OG15-037-015	0.951	
216418	OG15-037-016	0.326	
216419	OG15-037-017	0.041	
216420	OG15-037-018	<0.005	
216421	OG15-037-019	0.271	
216422	OG15-037-020	<0.005	
216423	OG15-037-020 Dup	<0.005	
216424	OG15-037-021	<0.005	
216425	OG15-037-022	3.229	1.651
216426	OG15-037-023	1.566	<1

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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-0730-09/30/2015 2:40 PM

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Date Received: 06/23/2015
Date Completed: 07/15/2015
Job #: 201542483
Reference:
Sample #: 138

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
216427	OG15-037-024	0.638	
216428	OG15-037-025	3.325	3.163
216429	OG15-037-026	6.249	6.737
216430	OG15-037-027	3.029	
216431	OG15-037-028	0.739	
216432	OG15-037-029	3.547	2.152
216433	OG15-037-030	1.180	1.412
216434	OG15-037-030 Dup	1.094	1.275
216435	OG15-037-031	>10.000	39.129
216436	OG15-037-032	1.224	1.338
216437	OG15-037-033	0.042	
216438	OG15-037-034	0.261	
216439	OG15-037-035	<0.005	
216440	OG15-037-036	0.262	
216441	OG15-037-037	<0.005	
216442	OG15-037-038	0.047	
216443	OG15-037-039	<0.005	
216444	OG15-037-040	0.818	
216445	OG15-037-040 Dup	0.801	
216446	OG15-037-041	<0.005	
216447	OG15-037-042	0.377	
216448	OG15-037-043	3.623	3.027
216449	OG15-037-044	0.225	
216450	OG15-037-045	<0.005	
216451	OG15-037-046	0.060	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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Date Received: 06/23/2015
Date Completed: 07/15/2015
Job #: 201542483
Reference:
Sample #: 138

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
216452	OG15-037-047	0.009	
216453	OG15-037-048	<0.005	
216454	OG15-037-049	<0.005	
216455	OG15-037-050	0.044	
216456	OG15-037-050 Dup	0.039	
216457	OG15-037-051	0.012	
216458	OG15-037-052	0.009	
216459	OG15-037-053	0.006	
216460	OG15-037-054	0.697	
216461	OG15-037-055	<0.005	
216462	OG15-037-056	<0.005	
216463	OG15-037-057	0.010	
216464	OG15-038-001	0.083	
216465	OG15-038-002	2.694	2.754
216466	OG15-038-003	0.249	
216467	OG15-038-003 Rep	0.249	
216468	OG15-038-004	0.517	
216469	OG15-038-005	0.176	
216470	OG15-038-006	0.600	
216471	OG15-038-007	0.867	
216472	OG15-038-008	0.054	
216473	OG15-038-009	0.024	
216474	OG15-038-010	0.075	
216475	OG15-038-010 Dup	0.066	
216476	OG15-038-011	1.809	1.709

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
Derek Demianiuk, VP Quality

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assay@accurassay.com

Wednesday, September 30, 2015

Final Certificate

Metals Creek Resources
945 Cobalt Cres
Thunder Bay, ON, CAN
P7B 5Z4
Ph#: (807) 345-4990
Fax#: (807) 345-5382
Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 06/23/2015
Date Completed: 07/15/2015
Job #: 201542483
Reference:
Sample #: 138

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
216477	OG15-038-012	0.335	
216478	OG15-038-012 Dup	0.301	
216479	OG15-038-013	0.005	
216480	OG15-038-014	<0.005	
216481	OG15-038-015	0.027	
216482	OG15-038-016	0.887	
216483	OG15-038-017	<0.005	
216484	OG15-038-018	0.121	
216485	OG15-038-019	1.073	1.063
216486	OG15-038-020	0.195	
216487	OG15-038-021	5.673	5.638
216488	OG15-038-022	1.359	
216489	OG15-038-022	Insufficient Sample	
216490	OG15-038-023	0.023	
216491	OG15-038-024	0.029	
216492	OG15-038-025	0.299	
216493	OG15-039-001	0.008	
216494	OG15-039-002	<0.005	
216495	OG15-039-003	0.007	
216496	OG15-039-004	<0.005	
216497	OG15-039-005	<0.005	
216498	OG15-039-006	0.011	
216499	OG15-039-007	0.005	
216500	OG15-039-007 Dup	0.006	
216501	OG15-039-008	0.035	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:
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Authorized By:
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Date Received: 06/23/2015
Date Completed: 07/15/2015
Job #: 201542483
Reference:
Sample #: 138

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
216502	OG15-039-009	0.025	
216503	OG15-039-010	<0.005	
216504	OG15-039-010 Dup	<0.005	
216505	OG15-039-011	0.010	
216506	OG15-039-012	0.025	
216507	OG15-039-013	0.007	
216508	OG15-039-014	<0.005	
216509	OG15-039-015	<0.005	
216510	OG15-039-016	<0.005	
216511	OG15-039-016 Dup	0.006	
216512	OG15-039-017	<0.005	
216513	OG15-039-018	0.051	
216514	OG15-039-019	<0.005	
216515	OG15-039-020	<0.005	
216516	OG15-039-021	<0.005	
216517	OG15-039-022	<0.005	
216518	OG15-039-023	<0.005	
216519	OG15-039-024	<0.005	
216520	OG15-039-025	<0.005	
216521	OG15-039-026	1.465	
216522	OG15-039-026	Insufficient Sample	
216523	OG15-039-027	0.042	
216524	OG15-039-028	0.017	
216525	OG15-039-029	0.010	
216526	OG15-039-030	2.413	2.956

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:
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Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

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Date Received: 06/23/2015
Date Completed: 07/15/2015
Job #: 201542483
Reference:
Sample #: 138

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
216527	OG15-039-031	0.021	
216528	OG15-039-032	0.006	
216529	OG15-039-033	0.550	
216530	OG15-039-034	0.043	
216531	OG15-039-035	0.016	
216532	OG15-039-036	3.630	3.267
216533	OG15-039-036 Rep	3.624	1.408
216534	OG15-039-037	<0.005	
216535	OG15-039-038	0.383	
216536	OG15-039-039	3.673	1.796
216537	OG15-039-040	8.826	10.386
216538	OG15-039-041	0.081	
216539	OG15-039-042	1.819	2.281
216540	OG15-039-043	0.124	
216541	OG15-039-044	3.295	2.778
216542	OG15-039-045	0.020	
216543	OG15-039-046	0.025	
216544	OG15-039-046 Dup	0.034	
216545	OG15-039-047	1.296	1.486
216546	OG15-039-048	0.013	
216547	OG15-039-049	0.120	
216548	OG15-039-050	0.012	
216549	OG15-039-051	0.100	
216550	OG15-039-052	4.203	1.866
216551	OG15-039-053	0.869	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:
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Date Received: 06/23/2015
Date Completed: 07/15/2015
Job #: 201542483
Reference:
Sample #: 138

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
216552	OG15-039-054	2.152	1.973
216553	OG15-039-055	2.204	1.921
216554	OG15-039-056	0.334	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Date Received: 06/23/2015
Date Completed: 07/15/2015
Job #: 201542483
Reference:
Sample #: 138

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
GS37	3.287	3.220	0.210
AR02	1.523	1.575	0.088
KL01	0.420	0.394	0.020
AR02	1.506	1.575	0.088
AR02	1.550	1.575	0.088
AR02	1.588	1.575	0.088
AR02	1.635	1.575	0.088
GS37	3.207	3.220	0.210

APPLIED SCOPES: ALP1, ALFA1, ALFA7

Validated By:
Jesse Deschutter
Assistant Manager - Thunder Bay

Certified By:
Andrew Oleski
Lab Manager - Thunder Bay

Authorized By:
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Date Received: 07/15/2015
Date Completed: 08/11/2015
Job #: 201543090
Reference: 201542483
Sample #: 5

Acc #	Client ID	#1 Pulp Assay ppb	#2 Pulp Assay ppb	Metallics Assay ppb	Total ppb	% Met. in Pulp	Pulp Met. Weight(g) ppb
275651	OG15-037-026	6842	4478	6591	5681	2.26%	22.61
275652	OG15-037-031	35196	33363	43601	34593	3.36%	18.15
275653	OG15-038-021	5430	5348	12542	5540	2.11%	11.49
275654	OG15-039-040	5101	6432	38664	7187	4.32%	43.18
291804	OG15-037-043	4270	4015	5299	4243	8.67%	41.66

PROCEDURE CODES: ALPM1

Certified By: Susan Schmitz, Customer Services Manager

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Date Received: 07/21/2015
Date Completed: 07/27/2015
Job #: 201543091
Reference: 201542483
Sample #: 3

Acc #	Client ID	Au Grav ppm
275655	OG15-037-031	13.538
275657	OG15-037-044	<1
275658	OG15-038-019	1.112

APPLIED SCOPES: ALP6, ALFA7

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 07/21/2015
Date Completed: 07/27/2015
Job #: 201543091
Reference: 201542483
Sample #: 3

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
KL02	<0.005	<0.005	<0.005
KL02	<0.005	<0.005	<0.005
KL02	<0.005	<0.005	<0.005

APPLIED SCOPES: ALP6, ALFA7

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

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Quality Analysis ... *Innovative Technologies*

Date Submitted: 07-Jul-15
Invoice No.: A15-04967
Invoice Date: 20-Jul-15
Your Reference:

Metals Creek Resources
1100 Memorial Ave.
Suite 329
Thunder Bay Ontario P7B 4A3
Canada

ATTN: Mike MacIsaac

CERTIFICATE OF ANALYSIS

15 Crushed Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A15-04967**

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Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OG15-037-005	362
OG15-037-015	656
OG15-037-025	3560
OG15-037-035	5
OG15-037-045	9
OG15-037-055	27
OG15-038-005	183
OG15-038-015	14
OG15-038-025	277
OG15-039-005	< 5
OG15-039-015	< 5
OG15-039-025	7
OG15-039-035	19
OG15-039-045	23
OG15-039-055	1570

QC

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OxD108 Meas	416
OxD108 Cert	414
SE68 Meas	592
SE68 Cert	599
OG15-039-005 Orig	< 5
OG15-039-005 Dup	< 5
OG15-039-055 Orig	1570
OG15-039-055 Split	1540
Method Blank	< 5