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Report on the Kanichee Mine Prospect  
Cu-Ni-Co-Au-Ag-PGE  
Temagami, Ontario  
Canada

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Prospecting Report for  
Submission for Assessment Credits  
Ministry of Northern Development and Mines  
Ontario, Canada

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## Property Description and Location

The Kanichee claim block lies 6.3 to 13.8 kilometres northwest of the town of Temagami, Ontario. Vehicular access to the properties is via forestry access roads extended westward off Trans Canada Highway 11 at 4.8 and 9.5 kilometres north of the town of Temagami (Figure 1.0).



**Figure 1.0 – Location of the Kanichee Mine**

The Kanichee claim block consists of 22 contiguous unpatented mining cells covering approximately 4091.4 hectares in the Sudbury Mining Division. The claims are held 100% by Temagami Gold (Figure 2.0 and Table 1.0).

<b>Cell #</b>	<b>Date Issue</b>	<b>Anniversary</b>	<b>Ha</b>
100595	4/10/18	9/9/19	219.7
117002	4/10/18	6/1/22	219.6
165227	4/10/18	6/13/21	77.4
164556	4/10/18	6/7/19	219.6
178620	4/10/18	10/5/19	219.7
178084	4/10/18	6/7/19	219.6
202798	4/10/18	6/1/22	219.6
220998	4/10/18	6/3/21	219.7
232679	4/10/18	6/7/19	219.6
240231	4/10/18	6/7/21	48.4
243489	4/10/18	6/1/22	92.4
275404	4/10/18	6/1/21	219.6
279353	4/10/18	6/1/22	219.6
280688	4/10/18	6/7/19	219.6
277396	4/10/18	6/12/19	219.6
287533	4/10/18	6/12/19	219.6
294261	4/10/18	6/1/21	219.7
294311	4/10/18	6/7/21	169.5
298541	4/10/18	6/13/21	11.0
301423	4/10/18	6/7/19	219.6
307456	4/10/18	9/12/20	178.7
318067	4/10/18	10/5/19	219.6
<b>Total</b>			<b>4091.4</b>

**Table 1.0 – List of Kanichee Mine cells held by Temagami Gold**



## History

### **1887 to 1895 - Geological Survey of Canada**

During the late 1890s and early 1900's the Temagami Greenstone Belt experienced an explosion in mining exploration activities. This focus on the region resulted in multiple sulphides, gold, molybdenum, iron, cobalt, and silver discoveries. One of these discoveries would eventually become known as the Kanichee Mine. Before it was called Kanichee, it was referred to as the Cedar Lake Nickle Prospect. The deposit is located on an old logging road that is situated three miles from Goward (now the Town of North Temagami). This logging road was known first as Caniptau Mine Road, then Trebor Mines Road and today the Kanichee Mine Road. The Kanichee Mine Road connects to Trans-Canada Highway 11 and is approximately 450 km from the City of Toronto, Ontario Canada. The prospect was first mapped between 1887 to 1895 by A.E Barlow, a contract geologist from the Geological Survey of Canada.

### **1910 to 1915 - First Staking**

During 1910, the Cedar Lake Prospect was originally explored by H.C. Watkins and W.C Langlely. In 1915 an unnamed company from Buffalo, New York held an option on the claim and shipped an 8.5-ton bulk sample for testing.

### **1918 - National Mines Limited**

The Cedar Lake Nickel Prospect was later re-examined by the National Mines Limited who staked this property in 1918. Following the claim staking the exploration activities included trenching and 400 feet of diamond drilling that was completed from January to March 1919. This program reported the presence of chalcopyrite, pyrrhotite, and a minor pentlandite with rare gold.

### **1928 to 1932 - Gibson Mining Ventures Ltd.**

In 1928 Gibson Mining examined the property and reported copper values that warranted trenching. A test shipment was sent to the American Smelting and Refining Company, New Jersey in 1930 returning values from a concentrate of 8% copper, 3% nickel, 10.3 grams per ton gold, and 14.1. In 1932 Cuniptau Mines Development Company obtained the property.

### **1933 to 1936 - Caniptau Mines Limited**

In 1933, Caniptau sunk a shaft to a depth of 115 feet. A diamond drilling campaign was also completed during that time consisting of six surface diamond drill holes totalling 1,250 feet. During this time mine buildings were erected and a road was constructed to the town of Goward, (now part of the Temagami North) a distance of three miles away. Initial the road was known as Caniptau Mine Road but later changed to the Trebor Mines Road and now today known as the Kanichee Mine Road. Power was provided to the operator via a newly installed steam plant allowing for ongoing underground mining.

In 1934, Cuniptau Mine continued additional mining by completing a two compartment shaft sunk to a depth of 240 feet. Drifting and cross-cutting totalling 1,372 feet was completed along with 55 feet of raises. It was reported that at this time Cuniptau employed a total of 40 employees. In January of 1934 Caniptau shipped 13.64 tons of mineralization to the Mines Branch in Ottawa for testing. This sample returned a value of 1.12% copper, 1.02% nickel, 0.34 g/t gold, 6.17 g/t silver and 4.46 g/t platinum and palladium.

The company mainly confined itself to conducting further surface explorations and maintained a limited work force of ten underground miners. The company also commenced a round of fund raising in November 1935 in order to purchase concentrating/milling equipment and to carry out further underground mining.

In 1936, a 45.5 tonne per day pilot plant was erected and produced 1062 tons of matte containing 50 tons of copper, 33 tons of nickel, 37 troy ounces of gold, 83 troy ounces of platinum, 200 troy ounces of palladium and 900 troy ounces of silver. Two bulk samples were shipped from the property, the first one tons was sent to International Nickel and a second 16.36 tons was sent to American Nickel Co. The resulting concentrate yielded 7.48% copper, 3.75% nickel, 0.08 oz/ton gold, 0.33 oz/ton platinum, and 0.56 oz/ton palladium for one sample and 9.45% copper, 2.64% nickel, 0.25 oz/ton gold and 0.41 oz/ton platinum for the other.

In 1936, mining consisted of 369 feet of drifting, 30 feet of crosscutting, and 276 feet of raises. Diamond drilling completed in 1936 totalled 602 feet from the surface, and 3,956 feet from underground. It was reported that 3,878 tons of ore and 1,243 tons of waste was hoisted from underground.

Operations ceased in 1937 and the property was acquired by the Ontario Nickel Corporation

#### **1937 to 1947 - Ontario Nickel Corporation**

Ontario Nickel Corporation was incorporated on December 1936 with an initial capitalization of 6,000,000 shares at \$1 per share. Then Ontario Nickel went on to acquire the Cuniptau Nickel Property for \$15,000 from Cuniptau Mines Limited. Then Ontario Nickel went on to carry out 957 feet of surface diamond drilling, and 2,628 feet of underground diamond drilling with the majority of this work being completed from January 1<sup>st</sup> to July 15<sup>th</sup>, 1937. The property was sold to Trebor Mines Limited in 1947

#### **1947 to 1949 - Trebor Mines Limited**

In 1947, Trebor Mines Limited staked a large area that included the former Cuniptau Mine Property. Trebor conducted magnetometer surveys on the property that discovered a strong north trending anomaly located near the Cuniptau Mine Shaft. In 1948, the company followed up on this magnetic anomaly by completing geological mapping, and additional magnetometer geophysical surveying. This program resulted in the discovery of six additional strong anomalies.

In 1949, Trebor conducted a drilling campaign consisting of 132 surface holes totalling 38,857 feet, During this time the mining operation were mainly confined to the rehabilitation of the mine buildings.

In 1950, Trebor dewatered the Cunipitau shaft and conducted an underground evaluation of the mineralization on two levels. This evaluation together with the diamond drilling supported the positive production from three zones named A, E, and S. These historical reserves were estimated to contain 4,873,000 tons of mineralization. A Bulk Sampling was shipped from the mine to the Department of Mines, in Ottawa, and to the Nepheline Products Company for testing purposes. The results from the testing would demonstrate that silver and gold credits were also contained within the copper-nickel ores. Some mining was completed but the project became doormat until 1961.

#### **1961 to 1970 - Ajax Minerals Limited**

Ajax Minerals Limited acquired the property in 1961. The company hired George H Dunmont who was an engineer for Trebor Mines Limited on the project from 1949 to 1950. He consolidated the land position and increased the size of the concessions to 582.73 acres, and conducted geological and geophysical surveys with minor diamond drilling and metallurgical testing.

#### **1971 to 1973 - Falconbridge Nickel Mines Limited**

In 1971, Falconbridge optioned the property and completed 535 metres of drilling. Between 1972 and 1973 more metallurgical testing and geophysical surveys were conducted.

**1973 to 1976 - Kanichee Mining Company/Jack Koza Limited Joint Venture/Quebec Mines Limited** In 1973 the Kanichee Mining Company, Jack Koza Limited Joint Venture, and Quebec Mines Limited acquired the Kanichee Mine project. These three companies commence further development on the property that included a 500 ton per day milling facility. Many different testing procedures were completed that indicated the mineralization would be amenable to flotation processing. Nevertheless, the company experienced some problems with the Talc Flotation in regards to copper extraction, although high values of nickel did report to concentrate during the flotation process. Several drilling campaigns were conducted over the extents of the entire property for a total of 165 holes. Mining operations at the Kanichee Mine had officially commenced in 1974 and continued until 1976 when Falconbridge Nickel Mines Ltd. ceased purchasing concentrate due to decreasing nickel prices.

In 1976, Jack Koza Limited, a private company, decided to pull out of the project. Following that Kanichee Mining went into receivership in late 1976, and the former Ajax Minerals Limited became insolvent on February 14, 1978.

### **1988 - Northern Platinum**

Northern Platinum, Limited continued exploration programs Kanichee. The company was focused on searching for copper, nickel and platinum lateral and down dip extensions. This was also followed by line-cutting, trenching, and completion of 760 metres of diamond drilling, which identified new extensions. Drilling results from this program outlined additional reserves of 249,250 tonnes grading 0.84% Cu, and 0.54% Ni, and was in addition to the previously defined reserves of 688,800 tons grading 0.46% Cu and 0.29% Ni with the bulk of the new mineralization occurring within a major shear zone cutting serpentinized peridotite of the Ajax Ultramafic Intrusion.

Northern Platinum hired Sheridan Ltd to evaluate the 500-ton mill. The evaluation was completed in the event that Northern Platinum would commence commercial production with the older processing equipment. In addition, Northern Platinum studied the feasibility of recovering platinum group elements from the tailing piles as they noted elevated values of both platinum and palladium in the tailings impoundment.

In 1989, the main focus was the rehabilitation of the 500 ton per day plant and other mine facilities. The power line into the project was upgraded by Ontario Hydro. After the installation of the new power line the open pit was dewatered and scaled. This resulted in the haulage of 10,000 tons of ore material from the pit floor that was stockpiled near the mill. A trial ten-ton bulk sample was obtained from this stock pile which was shipped to Lakefield Research who conducted milling and metallurgical testing. In 1989 the project experienced more setbacks when Ontario Ministry of Natural Resources ordered the removal of two bridges spanning causeways along the mine access road for safety reasons. This act resulted in temporary suspension of an additional development at Kanichee.

### **1989 – Fleck Resources**

In 1989, Fleck Resources optioned the Kanichee Mine property. Although Kanichee is known as a Cu-Ni deposit, Fleck was primarily interested in the exploration of platinum group elements. Fleck conducted limited first pass exploration consisting of line cutting a limited diamond totalling 472 meters.

### **2005 to 2008 - Amador Gold Resources**

In 2005, Amador purchased the Kanichee Mine (aka Ajax Projects) and contracted Geotech Limited to complete a VTEM Survey over the claims between December 2005 to January 2006 (Orta, Marta, 2006). In January of 2007, an IP survey was completed over a small grid totalling 5.0 kilometres (Johnson, Mathew, 2007). In May of 2007 ground surveys consisting of a magnetometer, VLF-EM and GPS were completed on the property (Ploger, Jason, 2007). In 2007 Amador contracted W. MacRae of Timmins Ontario to completed and NI43-101 qualifying report (“Qualifying Report On The Temagami Area Properties, Sudbury District, Ontario”). In 2008 Amador commenced at drilling campaign that consisted of 7653.06 metres of drill core under the supervision of Dale Alexander (Alexander, 2008).

Results returned were:

- Shaft Zone (AJX-08-14) - 0.96% Cu, 0.50% Ni, 4.25 g/t Ag, Pt 0.46 g/t and Pt 1.20 g/t over 5.5 m
- E Zone (AJX-08-06) - 0.39% Cu, 0.26% Ni, 4.54 g/t Ag over 10.0 m
- A Zone (AJX-08-10) - 0.26% Cu, 0.28% Ni over 45.0 m
- A Zone (AJX-08-10) - 0.30% Cu, 0.25% Ni over 47.0 m

The core from this phase of drilling is intact and can be made available to any future NI 43-101 resources studies.

### **2015 to Present – Temagami Gold Inc.**

In 2014, Temagami Gold staked two unpatented claims 4276116 and 4272891 adjacent to the Amador concession block.

In July 2015, seven unpatented claims (3013125, 3013126, 3013127, 4206323, 4207080, 4207081 and 4207700) were acquired by Temagami Gold from Peter and Margaret Hermeston via Ed Shynkorenko who acquired the concession block held by Amador.

On August 23, 2017, an agreement was finalized between Temagami Gold and Northstar Gold Corporation to acquire the South Kanichee Claims held by Northstar. The property package of four unpatented claims (4284439, 4284440, 4284441 and 4284442; 5 units or approximately 80 hectares) that covers part of the historic Kanichee tailings pond and the crusher house at the mill site as well as part of the southern portion of the Ajax Ultramafic Intrusive Complex that hosts the Kanichee Deposit.

## Historic Resource Estimations

In 1949 Trebor Mines reported three zones calculated by George Dumont to contain:

	<u>Tons</u>	<u>Combined Cu+Ni</u>
Shaft or "S" Orebody	335,455	1.42%
"A" Extension	4,099,727	0.54%
"E" (North)	<u>497,272</u>	0.64%
Total Tonnage	4,932,454	

In 1950 a John C. Dumbrille again calculated the resource and reported five zones totalling 4,297,727 tons at 0.62% combined Cu+ Ni with PGM credits.

Ajax Minerals in 1961 gave the resources calculated by Georges Dumont to be:

	<u>Tons</u>	<u>Copper</u>	<u>Nickel</u>
Shaft Orebody	260,000	0.95%	0.58%
"A" Orebody	668,182	0.45%	0.26%
Additional Tonnage	3,909,091 of lower grade		

## **Geology and Mineralization (Figure 3.0)**

The area is underlain by a north-east trending metavolcanic-metasedimentary belt of Archean aged rock formations. The belt is approximately 13 kilometres across and 29 kilometres long. The predominant structural feature is a northeast trending syncline disrupted by the emplacement of granitic plutons. There are two volcanic cycles starting with mafic volcanic flows and progressing to intermediate then felsic pyroclastic rocks and ending with sedimentary units. The surrounding granitic plutons are mainly trondhjemite and quartz monzonite in composition and are intrusive into the metavolcanics. The area is partially overlain by rocks of the Gowganda Formation of the Huronian Supergroup consisting mainly of relatively undisturbed para conglomerate and siltstone units forming a complex interlayered assemblage. Nipissing Diabase intrudes the Gowganda Formation as sills and dykes. A younger series of northwest trending diabase dykes intrude all of the above rocks and are interpreted to be the youngest unit in the area.

The Ajax intrusion that hosts the Kanichee Mine mineralization is an ultramafic body that intrudes into the mafic to the felsic sequence of volcanic rocks and hosts the copper-nickel-PGE mineralization that was part of the historic production from the property. The intrusive is composed of peridotite to pyroxenite to partially altered gabbro and diorite.

The mineralization at Kanichee Mine is of a magmatic nickel sulphide type. The sulphides form as immiscible blebs in the liquid intrusion and separate out by gravity when the body is emplaced. Later remobilization can create rich sections of veining and masses. The sulphides are generally rich in nickel, copper, gold, silver, platinum and palladium.



## Exploration Activities 2016 – 2018 (Map 1.0)

**Prospecting and Road Outcrop Mapping** - In the fall of 2016 Temagami Gold Inc. decided to renew exploration efforts within the Kanichee Mine Claim Block (KMCB). During the initial evaluation, Temagami Gold invited representatives of Benton Resources to participate in a day (**September 15, 2016**) of preliminary prospecting in and around the mine infrastructure. The focus of this examination was the old stockpiles and the abandoned pile of mill concentrate. The results of the sampling are summarized in Table 2.0 below. This prospecting work program was under the supervisions of **Gino Chitaroni** (President of Temagami Gold), and **Martin Ethier** (Vice President of Temagami Gold). Full results are listed in the Assay Certificates in Appendix I - Act Labs (Report A16-09516).

### Benton Resources Inc.

SAMPLE	Easting	Northing	Elevation	DESCRIPTION	Au g/t	Ag g/t	Pd g/t	Pt g/t
171825	587535	5217213	324	Kanichee Mine - typical disseminated sulphides	0.03	10.0	0.57	0.39
171826	587535	5217213	324	Kanichee Mine - cpy vein	6.35	202.0	28.50	2.89
171827	587535	5217213	324	Kanichee mine -concentrate	1.26	14.8	6.11	0.89
171833	588852	5217943	324	Kanichee mine road - massive po (nickelite?) boulder	0.34	11.6	6.76	1.66

**Table 2.0 – Analytical Results from Benton Resources Inc.**

Sample 17825 of the “typical mineralization” from the Kanichee stockpiles returned values (0.75 % Ni and 1.44 % Cu) similar to what was obtained by past operators within the concession block as detailed in the **History** section of this report. Of interest in the Benton, sampling was the Au-Ag-Pd-Pt values returned from the “chalcopyrite vein” in sample 171826 of 6.35 g/t Au, 202.0 g/t Ag, 28.50 Pd g/t and 2.89 g/t Pt. These elevated values of Au-Ag-Pd-Pt suggest that in addition to low-grade Cu-Ni mineralization there exists an opportunity to discover discrete zones of high-grade precious metal mineralization within the Kanichee deposit. The “concentrate” sample 171827 returned very good values of Au-Ag-Pd-Pt-Ni-Cu (1.25 g/t Au, 14.8 g/t Ag, 6.11 g/t Pd, 0.89 g/t Pt, 3.84 %Ni and 7.54%Cu). This may indicate that there may be an opportunity to recover these elements readily and quickly and provide rapid cash flow to the project, as there are significant stacks of this material in and around the mine infrastructure.

Also of note is that all the sample (171825, 171826, and 171827) contained anomalous concentrations of cobalt. If recoverable, elevated level of cobalt may enhance the overall economics of the project going forward.

During the drive into the KMCB, one of the representatives of Benton spotted a rusty boulder in the ditch along the Kanichee Mine road, just passed the Second Bridge crossing. The boulder (Sample 171833) contains massive pyrrhotite (strongly magnetic) and possibly nickelite. This sample returned very good values of Cu-Ni (1.76 % Cu and 4.45 % Ni) with elevated levels of precious metals (0.34 g/t Au and 11.6 g/t Ag). High concentrations of platinum group metals were also returned from the boulder (6.76 g/t Pd and 1.66 Pt g/t). Again, as with the Kanichee samples, sample 171833 contained elevated levels of cobalt.

Also In the spring of 2017 a sister company of Benton Resources Inc, Metals Creek Resources Corp. expressed an interest in also visiting Kanichee and conduct some preliminary prospect at the Mine. The focus of the prospecting would be to identify the location of the “boulder” sample discovered by Benton and conducted an additional round of confirmation sampling from the stockpiles at the Kanichee Mine. On **May, 13<sup>th</sup>, 2017** a day was spent prospecting along the Kanchiee mine road and at the Mine by representatives of both Temagami Gold and Metals Creek. The results of that days prospecting are presented in Table 3.0 below. This prospecting work program was under the supervision of **Dale Schultz** (Project Geologist for Temagami Gold). Full results are listed in the Assay Certificates in Appendix I - Act Labs (Report A17-04963).

**Metals Creek Resources Corp.**

Sample	Easting	Northing	Elevation	Descriptions	Au g/t	Pd g/t	Pt g/t	Cu %	Ni %	Ag g/t
KL01	588852	5217943	311	Ultramafic, dark green, 1-5% finely diss po, 1-2% cpy, along road - <b>Boulder Sample</b>	0.05	0.66	0.32	0.24	0.68	1.80
KL02	588849	5217940	311	Ultramafic, dark green, 20% po, 3-4% cpy, fgr-mgr, chlorite alteration, along road- <b>Boulder Sample</b>	0.47	4.44	2.10	2.02	1.54	11.10
KL03	587535	5217210	324	Massive Po, local cpy, mgr - <b>Mine Sample</b>	0.07	2.84	2.47	0.14	5.44	3.20
KL04	587535	5217202	325	Ultramafic, 1-3% py-po, both diss & along fractures. Local blebs. Dark green, fgr-mgr. - <b>Mine Sample</b>	0.04	1.05	0.28	1.55	0.25	10.40

Note: Datum NAD83 Zone 17

**Table 3.0 – Analytical Results from Metals Creek Resources Corp.**

The “boulder” samples were located and traced back to an old blast trench from the 1930’s along the side of the Kanichee Mine Road. Two styles of mineralization were observed: 1) disseminated sulphides bearing ultramafic containing pyrrhotite and chalcopyrite (KL01), and 2) semi-massive sulphide bearing ultramafic containing pyrrhotite and chalcopyrite (KL02). KL01 returned values of low grade Cu-Ni (0.24% Cu and 0.68% Ni) where as KL02 returned high values of Cu-Ni (2.02 % Cu and 1.54%Ni) with economic values of precious metals (0.47 g/t Au, 4.44 g/t Pd, 2.10 g/t Pt and 11.10 g/t Ag). These samples indicate that the mineralization contained within this area may be similar in character to the Kanichee mine, where low-grade bulk mineable mineralization of Cu-Ni hosts high-grade discrete zones of precious metal mineralization of Au-Ag-Pt-Pd. Unfortunately, the location of this showing falls outside the Temagami Gold current land holdings. Future efforts by Temagami Gold Management will be undertaken to acquire the concessions that host this mineralization.

Samples collected from the Mine stockpile (see Photo 1.0 and 2.0) returned results that were in line with results obtained by Benton Resources, and values reported by past operators detailed within the **History** section of the report.

Once the tour was completed for Metals Creek, Temagami Gold Project Geologist **Dale Schultz** under took a outcrop mapping project along the Kanichee Mine Road (Map 1.0). The work program commenced on **May 15<sup>th</sup> and extending to May 18<sup>th</sup>**. During the rehabilitation of the road several outcrops were re-exposed. The UTM coordinates and rock description are captured in Table 4.0. Outcrops H and I fall on Claim 420770 whereas Outcrop L falls onto Claim 3013127. Outcrop K and J falls onto Northstar Claim 4284439, which was acquired by Temagami Gold on August 23, 2017. All the other Outcrop locations mapped fall outside the Kanichee Mine Claim Block. Photos of the Outcrop H, I, J, K, and L are illustrated in Photo 1.0 to Photo 7.0 below.

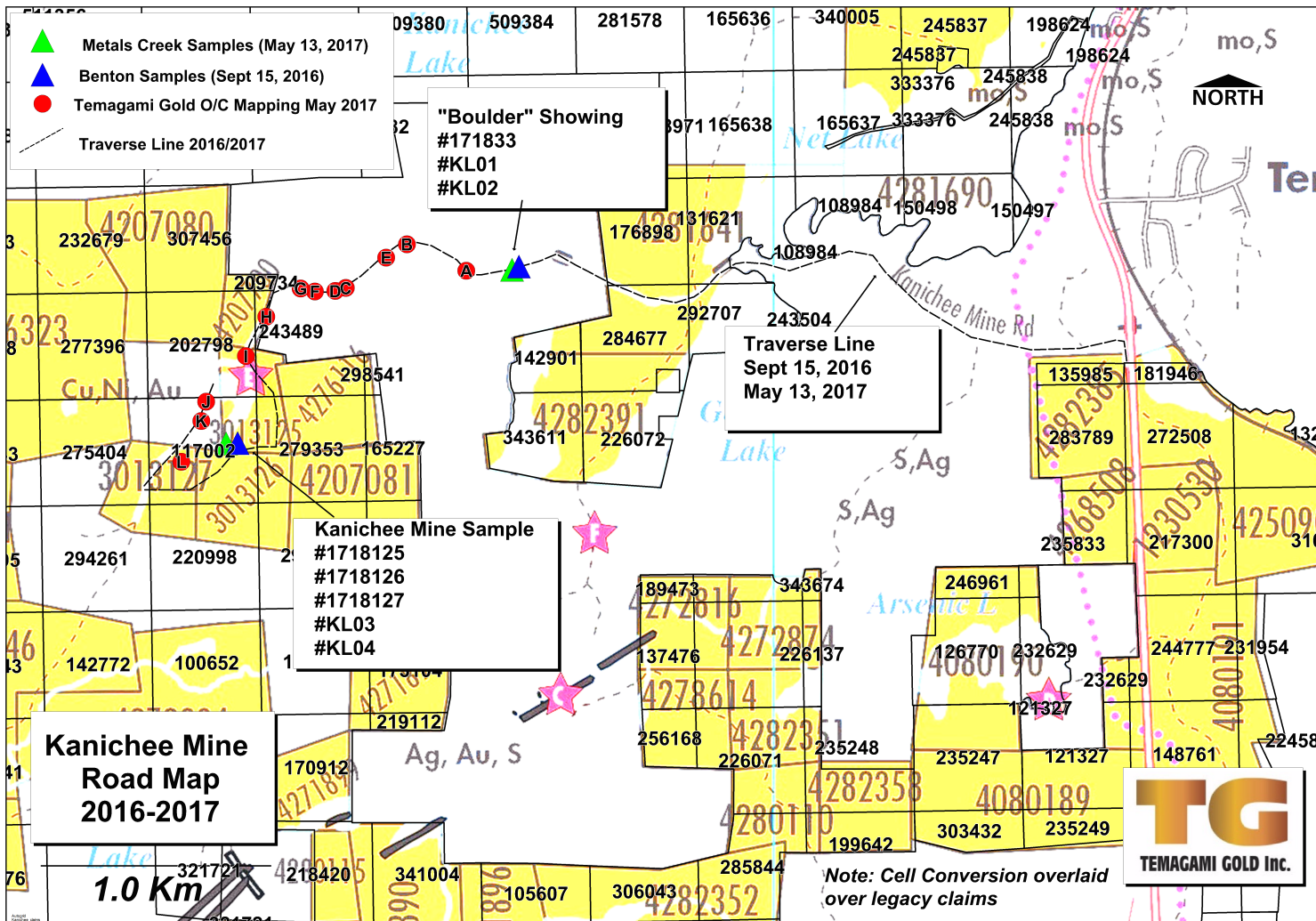
Outcrop	Latitude	Longitude	UTMX	UTMY	Altitude	Comments
A	47.1090	-79.8315	588,651.58	5,217,939.33	315.10	Rusty gabbro intrusive
B	47.1101	-79.8349	588,391.85	5,218,054.39	319.30	Fine grained gabbro. No photo.
C	47.1084	-79.8385	588,124.53	5,217,863.68	320.70	Fine grains mafic volcanic
D	47.1083	-79.8391	588,078.43	5,217,850.76	322.20	Fine grained volcanics
E	47.1096	-79.8362	588,300.90	5,217,996.34	323.80	Fine grained gabbro with quartz veining and minor shear
F	47.1083	-79.8403	587,989.68	5,217,848.33	323.20	Sheared blocky mafic volcanics
G	47.1084	-79.8411	587,927.25	5,217,861.86	324.20	Sheared blocky mafic volcanics
H	47.1073	-79.8431	587,777.30	5,217,738.48	326.70	Fine grained volcanics with minor quartz veining.
I	47.1058	-79.8443	587,687.27	5,217,565.98	336.50	Med Gabbro no sulphides, survey pin
J	47.1040	-79.8466	587,513.37	5,217,367.79	335.00	Fine grained volcanic near Kanichee Mine gate
K	47.1033	-79.8470	587,491.85	5,217,283.00	336.60	Fine to med grained gabbro at mine gate
L	47.1017	-79.8481	587,404.16	5,217,104.97	331.30	Fine To medium grained gabbro next to mill building

**Table 4.0 – Outcrop Mapping completed along the Kanichee Mine Road**

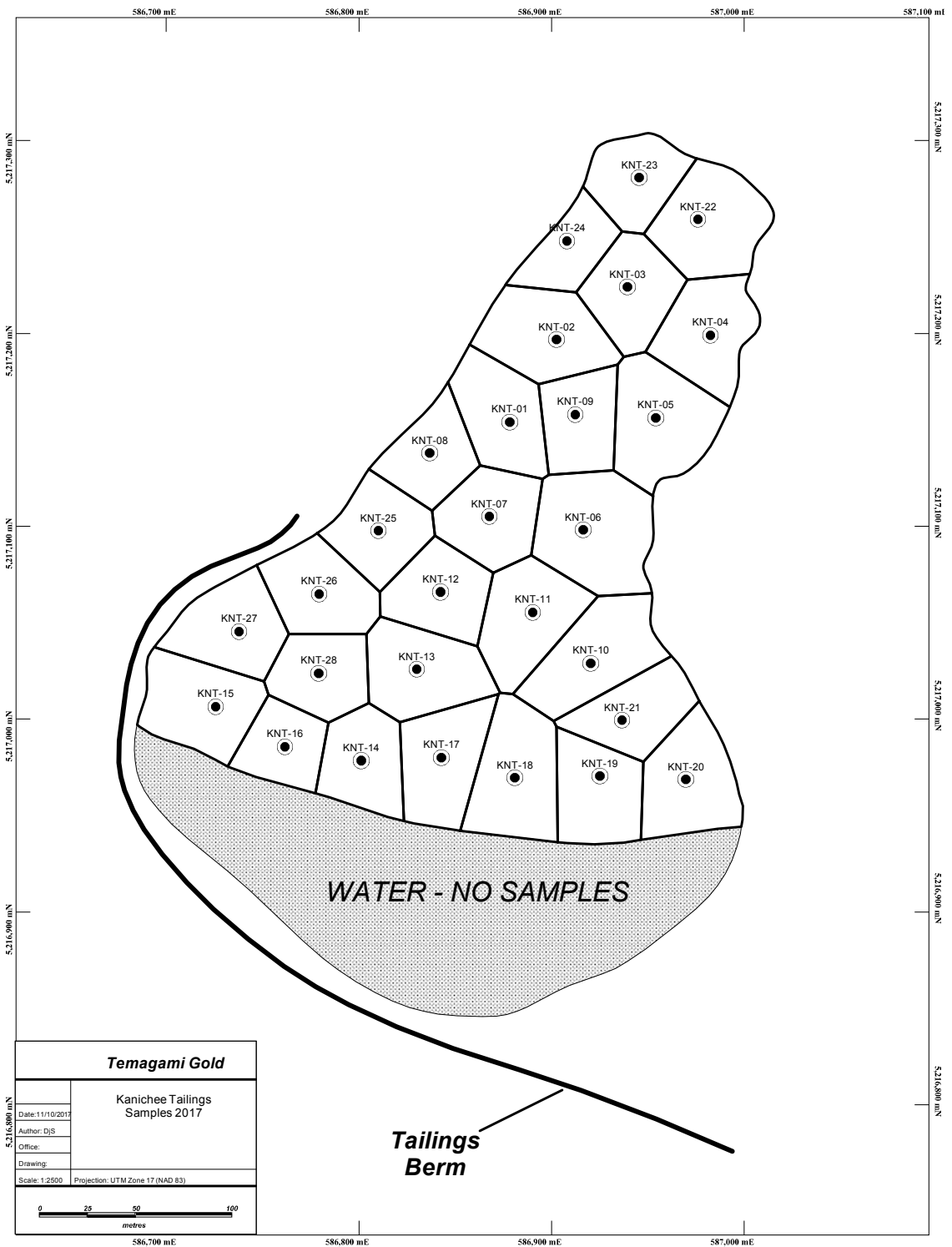
Latter into the fall season on **Sept 30 and Oct 1st, 2017** a soil auger testing program was conducted on the Kanichee Tailings Impoundment. This data collection was conducted by **Dale Schultz** and **Olivier Renson**. The goal of this program was to assess the amounts of Cu, Ni, and Co that remains within the impoundment. Holes were spaced between 50 to 100 metres apart (see Map 2.0) and drilled to a depth of between 30 to 100 cm (Table 5.0) using a convention post hole auger (Photo 8.0). The samples were analysed by Swastika Laboratory Ltd in Swastika, Ontario. The assay certificates are attached to the end of this report in Appendix I. The metals contained within the impoundment was fairly homogenous with the average grades for Ni = 0.27%, Cu = 0.16%, Co = 0.01, Pt = 0.28 g/t, and Pd = 0.48 (See Table 3.0). The average nickel grades returned for the tailings are very similar to grades from the historic resources and grades from the 2008 Amador drilling. This suggest that the mill extraction technique used for the ore from the main pit was able to recover a percentage of the Cu, but NONE of the Ni or PGE. Future studies should be conducted to delineate the overall tonnes and grade of the impoundment and metallurgical studies should be conducted to determine if the Ni, and PGE can be recovered economically.

Hole ID	Sample	Nu	Date	Time	Latitude	Longitude	Elevation	Azimuth	Dip	Depth	SG	Pt g/t	Pd g/t	Cu%	Co%	Ni%
KNT-01	S-32967		9/30/17	14:05	47.1022	-79.8551	321.7	0	-90	0.60	1.75	0.34	0.57	0.18	0.01	0.30
KNT-02	S-32968		9/30/17	14:07	47.1026	-79.8547	324.1	0	-90	0.40	1.38	0.32	0.58	0.16	0.01	0.24
KNT-03	S-32969		9/30/17	14:08	47.1028	-79.8542	324.8	0	-90	0.50	1.26	0.44	0.73	0.21	0.01	0.29
KNT-04	S-32970		9/30/17	14:11	47.1026	-79.8537	323.8	0	-90	0.60	1.31	0.40	0.82	0.32	0.01	0.31
KNT-05	S-32971		9/30/17	14:34	47.1022	-79.8541	320.6	0	-90	0.35	1.29	0.37	0.77	0.11	0.01	0.23
KNT-06	S-32972		9/30/17	14:40	47.1017	-79.8546	318.9	0	-90	0.50	1.57	0.33	0.54	0.18	0.01	0.29
KNT-07	S-32973		9/30/17	14:48	47.1017	-79.8552	318.4	0	-90	0.50	1.70	0.33	0.51	0.16	0.01	0.27
KNT-08	S-32974		10/1/17	8:14	47.102	-79.8556	311.6	0	-90	1.00	1.76	0.33	0.48	0.17	0.01	0.28
KNT-09	S-32975		10/1/17	8:40	47.1022	-79.8546	319.3	0	-90	1.00	1.52	0.28	0.52	0.18	0.01	0.30
KNT-10	S-32976		10/1/17	8:35	47.101	-79.8545	317.3	0	-90	1.00	1.62	0.27	0.47	0.15	0.01	0.28
KNT-11	S-32977		10/1/17	8:49	47.1013	-79.8549	317.1	0	-90	1.00	1.91	0.25	0.43	0.14	0.01	0.27
KNT-12	S-32978		10/1/17	9:07	47.1014	-79.8555	319.5	0	-90	1.00	1.70	0.29	0.50	0.19	0.02	0.40
KNT-13	S-32979		10/1/17	9:14	47.101	-79.8557	319.6	0	-90	0.55	1.78	0.26	0.40	0.13	0.01	0.22
KNT-14	S-32980		10/1/17	9:32	47.1006	-79.8561	318.5	0	-90	0.70	1.73	0.25	0.37	0.14	0.01	0.24
KNT-15	S-32981		10/1/17	9:49	47.1009	-79.8571	317.7	0	-90	1.00	1.88	0.26	0.41	0.14	0.01	0.24
KNT-16	S-32983		10/1/17	10:01	47.1007	-79.8566	318.2	0	-90	0.60	1.88	0.25	0.37	0.13	0.01	0.23
KNT-17	S-32984		10/1/17	10:20	47.1006	-79.8556	297.9	0	-90	1.00	1.98	0.22	0.36	0.14	0.01	0.23
KNT-18	S-32985		10/1/17	10:42	47.1005	-79.8551	310.4	0	-90	1.00	1.83	0.21	0.35	0.11	0.01	0.22
KNT-19	S-32986		10/1/17	10:54	47.1005	-79.8545	314.6	0	-90	1.00	1.75	0.23	0.40	0.13	0.01	0.27
KNT-20	S-32987		10/1/17	11:05	47.1005	-79.8539	316.1	0	-90	0.30	1.77	0.26	0.41	0.15	0.01	0.23
KNT-21	S-32988		10/1/17	11:18	47.1008	-79.8543	318	0	-90	1.00	1.91	0.22	0.44	0.12	0.01	0.25
KNT-22	S-32989		10/1/17	10:59	47.1031	-79.8538	322	0	-90	1.00	1.81	0.25	0.55	0.17	0.01	0.27
KNT-23	S-32990		10/1/17	12:13	47.1033	-79.8542	321.7	0	-90	0.80	1.92	0.31	0.48	0.19	0.01	0.30
KNT-24	S-32992		10/1/17	12:26	47.103	-79.8547	321.1	0	-90	1.00	1.72	0.25	0.46	0.16	0.01	0.29
KNT-25	S-32993		10/1/17	13:00	47.1017	-79.856	324.5	0	-90	0.90	1.84	0.29	0.42	0.15	0.01	0.27
KNT-26	S-32995		10/1/17	13:40	47.1014	-79.8564	321.9	0	-90	0.60	1.79	0.29	0.41	0.16	0.01	0.29
KNT-27	S-32996		10/1/17	13:24	47.1012	-79.8569	321.3	0	-90	1.00	1.73	0.23	0.39	0.14	0.01	0.25
KNT-28	S-32997		10/1/17	13:39	47.101	-79.8564	321.6	0	-90	1.00	1.70	0.25	0.42	0.14	0.01	0.30
<b>Total</b>											<b>1.71</b>	<b>0.28</b>	<b>0.48</b>	<b>0.16</b>	<b>0.01</b>	<b>0.27</b>

**Table 5.0 – Results of Kanichee Tailings Sampling**



Map 1.0 – Samples O/C locations and Claim Blocks with Traverses conducted in 2016/2017



**Map 2.0 – Auger hole locations for Tailing Impoundment sampling fall of 2017**



**Photo 1.0 – Surface Stockpile sampling at the Kanichee Mine.**



**Photo 2.0 – Surface Stockpile sampling at the Kanichee Mine.**



**Photo 3.0 – Outcrop H Kanichee Mine Road**



**Photo 4.0 – Outcrop I Kanichee Mine Road**



**Photo 5.0 – Outcrop J Kanichee Mine Road**



**Photo 6.0 – Outcrop K Kanichee Mine Road**



**Photo 7.0 – Outcrop L Kanichee Mine Road**



**Photo 8.0 – Auger Sampling Kanichee Tailings Impoundment**

## Conclusions

- There has been a long protracted history of exploration and mining at the Kanichee property over the last one hundred years (1887 to 2017).
- Sampling conducted by Temagami Gold with the assistance of Benton Resources and Metals Creek has confirmed that grades obtained by past operators' in the surface stockpiles and concentrates/tailings material.
- Samples recovered from the Kanichee Road access (aka the "bolder" showing) suggested there may exist other Cu-Ni-Ag-Au-PGEs deposits within the region.
- Many of the samples contained elevated concentrations of cobalt which suggesting that the region may be amenable to cobalt exploration in addition to searching for Cu-Ni-Ag-Au-PGEs.
- The 2008 Amador drilling is still intact and available for future NI 43-101 resources studies.
- The tailing impoundment contain economic concentrations of Ni, Cu, and PGEs

## Recommendation

- Develop a modern GIS compilation of all history geologic data that is available.
- Conduct a property wide evaluation of all concentrates and tailings material to determine if the material can be processed economically.
- Make an efforts to acquire the claims in and around the "boulder" showing.
- Re-log/sample the Amador core and complete a 3D deposit model with the goal of developing and Ni 43-101 compliant resources.
- Commence a Resources Drilling campaign if positive results are obtained for the 3D deposit modelling efforts.
- A sonic drilling campaign should be conducted on the tailings impoundment to determine the overall tonnes and grade of the tails.
- Metallurgical studies should be conducted on the tailings material to determine if the Ni, Cu, and PGE credits can be economically recovered.
- Investigate if the cobalt credits are recoverable from the mineralization and if these credits can be included as part of the resources study.

## Statement of Qualifications

**Dale Schultz, M.Sc., P.Geo.** – Mr Schultz career spans four decades. As a graduate of the University of Saskatchewan (1989) in Geology, Mr Schultz worked at the Echo Bay Lupin Mine during the summer months of 1986 and 1987 in the mine geology department. After Graduation, he took an Exploration Geologist position at Noranda's, Tundra Project located in the North West Territories of Canada. In 1991 Mr Schultz returned to the University of Saskatchewan to complete a Masters Degree in Geology on the Claude Resources Seabee Mine in Northern Saskatchewan. Mr Schultz also worked two years as a Mine Geologist at the Seabee mine after completing his Master's Studies. In 1995, Mr Schultz moved on to work as an Exploration Geologist for three and a half years at the Hemlo Camp in Northwestern Ontario for Battle Mountain Gold. In 1999 Battle Mountain transferred Mr Schultz to the Kori Kollo gold project in central Bolivia. In 2001 Mr Schultz returned to Canada and worked as a GIS/Software Developer in the Petroleum industry in Calgary for PwC / IBM. In 2003

he then returned to the mining sector and took a position as a Mine Geologist at the TVX/Kinross New Britannia Mine in Snow Lake, Manitoba. In early 2004 Mr Schultz again returned to South America and joined the team of Aurelian Resources as a Sr. Consultant on the Condor Project in South Ecuador. Aurelian went onto to discover the multi million ounce gold deposit Fruta del Norte on the Condor Project. In early 2005 Mr Schultz together with business partner Bart Wilson founded Buscore Consulting Limited in Quito Ecuador. The mission of the new company was to assist junior mining companies with mining exploration projects throughout Latin American, the Caribbean, and Asia. Since the formation of Buscore Consulting, Mr Schultz has overseen projects in Ecuador, Mexico, Peru, Paraguay, Colombia, Myanmar, Honduras, Haiti, and Cuba. Recently, Mr Schultz was consulting with a private company engaged in the construction of a slurry pipeline system to help manage the tailings produced by multiple small-scale gold processing plants in the Zaruma-Portovelo district of Ecuador. Corporately Mr Schultz was a founder and Exploration Manager of Atlas Moly/Minerals in Ecuador, Director of Oromonte Resources Inc in Ecuador, and Director, Vice President of Exploration and acting C.E.O of Continuum Resources Ltd. in Mexico. In March of 2017, Mr Schultz has left Buscore Consulting and has relocated to the Town of Temagami Ontario, Canada where he practices as an Independent Consulting Geologist.

## References

Alexander, Dale R, 2008. Diamond Drilling Report On the Ajax Property Strathy Township Amador Gold Corp (internet report).

Johnston, Matthew, 2007. Report of an Induced Polarization Survey On the Ajax Property, Strathy Township, Ontario for Amador Gold Corporation (internal report).

MacRae W., 2007. Qualifying Report On The Temagami Area Properties, Sudbury District, Ontario, For Amador Gold Corporation, NI43-101 Report, www.sedar.com.

Orta, Marta, 2006. Report on a Helicopter-borne Time Domain Electromagnetic Geophysical Survey on the Ajax Property for Amador Gold Corporation, Project 573 (internal report).

Ploger, Jason, 2007. GPS, Magnetometer and VLF-EM surveys over the Ajax property for Amador Gold Corporation (internal report).

Appendix I – Assay Certificates

Quality Analysis ...



Innovative Technologies

**Date Submitted:** 19-Sep-16  
**Invoice No.:** A16-09516  
**Invoice Date:** 29-Sep-16  
**Your Reference:** Recon-TEM

**Benton Resources Corp.**  
684 Squier Street  
Thunder Bay ON P7B 4A8  
Canada

**ATTN: Clint Barr (Invoices+res)**

**CERTIFICATE OF ANALYSIS**

20 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1C-OES-Timmins Fire Assay ICPOES

Code 1E3-Timmins Aqua Regia ICP(AQUAGEDO)

REPORT      **A16-09516**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Elitsa Hrischeva". The signature is written in a cursive style with some loops and flourishes.

Elitsa Hrischeva, Ph.D.  
Quality Control

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## Results

## Activation Laboratories Ltd.

Report: A16-09516

Analyte Symbol	Au	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10
Method Code	FA-AA	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
171820	99				0.2	< 0.5	2	1130	< 1	4	< 2	6	0.20	38	< 10	< 10	< 0.5	7	0.52	< 1	6	24.5	< 10
171821	154				< 0.2	0.5	554	1290	2	< 1	8	13	0.97	85	< 10	19	< 0.5	3	0.11	< 1	23	15.3	< 10
171822	351				0.3	< 0.5	47	457	2	41	12	30	0.96	72	< 10	45	< 0.5	< 2	3.06	28	11	3.61	< 10
171823	> 5000				48.9	10.4	7730	154	< 1	56	527	500	0.46	> 10000	< 10	15	< 0.5	1170	0.03	346	7	19.8	< 10
171824		14	< 5	< 5	0.6	< 0.5	404	275	1	62	2	17	1.15	191	< 10	41	< 0.5	< 2	0.67	42	35	4.80	< 10
171825		26	565	393	10.0	3.0	> 10000	309	< 1	7460	4	45	1.47	111	< 10	< 10	< 0.5	3	0.15	283	1560	8.97	< 10
171826		6350	28500	2890	> 100	47.3	> 10000	31	< 1	362	14	771	0.07	837	< 10	< 10	< 0.5	23	0.03	53	5	22.4	< 10
171827		1260	6110	886	14.8	20.4	> 10000	314	< 1	> 10000	50	455	0.39	63	< 10	< 10	< 0.5	26	0.28	1780	424	9.16	< 10
171828	13				0.4	< 0.5		2060	< 1		12	64	2.16	10	< 10	< 10	< 0.5	3	0.44	35	12	14.9	< 10
171829	8				< 0.2	< 0.5	92	1460	< 1	84	< 2	45	2.95	62	< 10	12	< 0.5	< 2	5.14	44	119	8.47	< 10
171830	86				0.3	< 0.5	143	230	2	124	16	22	0.78	103	< 10	51	< 0.5	5	0.74	63	18	5.13	< 10
171831	> 5000				59.8	14.3	7840	940	21	36	388	618	1.77	514	< 10	36	< 0.5	394	3.29	102	19	10.2	< 10
171832	> 5000				40.3	74.3	3090	421	4	62	170	4270	1.29	> 10000	< 10	31	< 0.5	410	0.28	138	28	14.1	< 10
171833		343	6760	1660	11.6	5.5	> 10000	534	< 1	> 10000	6	32	1.48	62	< 10	< 10	< 0.5	17	0.83	1250	405	24.6	< 10
171834		31	17	15	1.6	< 0.5	905	988	< 1	1370	< 2	44	1.98	83	< 10	21	< 0.5	< 2	1.94	185	1210	10.2	< 10
171835		20800	< 5	< 5	2.6	0.6	1280	4660	139	460	194	551	0.43	420	< 10	16	< 0.5	8	0.10	97	1160	25.7	< 10
171836	18				0.3	< 0.5	17	619	< 1	8	< 2	9	0.13	19	< 10	< 10	< 0.5	10	0.14	11	8	> 30.0	< 10
171837	32				0.3	< 0.5	48	1940	1	60	24	40	0.02	73	< 10	12	< 0.5	3	1.07	18	16	10.3	< 10
171838	6				< 0.2	< 0.5	68	371	< 1	4	5	30	0.70	15	< 10	35	< 0.5	< 2	0.82	6	16	3.96	< 10
171839	1280				0.6	< 0.5	132	789	6	4	13	88	1.44	9	< 10	58	< 0.5	< 2	0.91	47	7	6.65	< 10

**Results**

**Activation Laboratories Ltd.**

**Report: A16-09516**

Analyte Symbol	Hg	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	Th	U	V	W	Y	Zr	Au	Cu	Ag	Ni
Unit Symbol	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	%	ppm	%
Lower Limit	1	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1	0.03	0.001	3	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA	ICP-OES	ICP-OES	ICP-OES
171820	< 1	0.01	< 10	0.33	0.013	0.024	2.51	8	< 1	42	< 0.01	1	< 2	< 20	< 10	30	27	1	7				
171821	< 1	0.12	< 10	0.49	0.030	0.038	0.23	7	5	14	0.02	2	< 2	< 20	< 10	31	< 10	4	8				
171822	< 1	0.27	17	0.43	0.026	0.056	2.48	< 2	1	73	< 0.01	2	< 2	< 20	< 10	14	< 10	4	27				
171823	< 1	0.09	< 10	0.17	0.010	0.006	9.58	47	1	1	0.01	8	< 2	< 20	< 10	24	< 10	< 1	6	11.2			
171824	< 1	0.19	13	0.59	0.078	0.032	1.79	< 2	5	33	0.21	5	< 2	< 20	< 10	53	< 10	8	7				
171825	< 1	< 0.01	< 10	4.04	0.019	0.016	3.78	13	1	3	0.05	< 1	< 2	< 20	< 10	104	< 10	1	3		1.44		
171826	< 1	< 0.01	< 10	0.06	0.014	0.078	7.28	13	< 1	2	< 0.01	50	< 2	< 20	< 10	23	< 10	< 1	5		27.8	202	
171827	< 1	0.08	< 10	2.62	0.048	0.031	10.5	7	2	8	0.02	5	5	< 20	< 10	27	< 10	< 1	2		7.54		3.84
171828	< 1	< 0.01	< 10	1.75	0.011	0.020	11.1	6	3	7	< 0.01	2	< 2	< 20	< 10	31	< 10	2	13				
171829	< 1	0.06	< 10	3.79	0.042	0.006	0.15	4	20	39	0.01	< 1	< 2	< 20	< 10	337	< 10	< 1	2				
171830	< 1	0.20	16	0.45	0.041	0.046	4.76	2	1	35	< 0.01	< 1	< 2	< 20	< 10	17	< 10	3	23				
171831	< 1	0.16	< 10	0.91	0.013	0.027	7.26	6	5	35	0.10	< 1	< 2	< 20	< 10	89	< 10	4	9	16.9			
171832	< 1	0.22	< 10	0.52	0.012	0.032	8.61	24	3	3	0.03	1	< 2	< 20	< 10	51	< 10	2	10	44.3			
171833	< 1	< 0.01	< 10	3.03	0.009	0.012	8.25	11	2	30	0.01	1	2	< 20	< 10	65	< 10	1	5		1.76		4.45
171834	< 1	0.17	22	1.98	0.169	0.046	3.94	10	9	17	0.26	3	< 2	< 20	< 10	133	< 10	4	16				
171835	< 1	0.05	< 10	0.29	0.014	0.028	7.76	22	< 1	9	< 0.01	4	< 2	< 20	< 10	32	820	1	10				
171836	< 1	< 0.01	< 10	0.09	0.010	0.083	0.99	12	1	6	< 0.01	< 1	< 2	< 20	< 10	91	< 10	1	8				
171837	< 1	0.01	< 10	0.65	0.013	0.038	2.75	6	< 1	30	< 0.01	< 1	< 2	< 20	< 10	8	23	1	3				
171838	< 1	0.10	19	0.41	0.101	0.065	0.55	< 2	5	50	0.21	< 1	< 2	< 20	< 10	27	< 10	10	4				
171839	< 1	0.30	13	0.62	0.043	0.059	3.69	< 2	2	16	0.14	< 1	< 2	< 20	< 10	15	< 10	10	6				

Analyte Symbol	Au	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10
Method Code	FA-AA	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas					27.3	2.3	1050	800	14	25	538	626	0.47	355	< 10	316	0.6	1320	0.75	5	6	20.9	< 10
GXR-1 Cert					31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8
GXR-4 Meas					3.6	< 0.5	6610	148	336	37	39	69	2.67	105	< 10	41	1.0	19	0.85	14	58	3.02	< 10
GXR-4 Cert					4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0
PTM-1a Meas																							
PTM-1a Cert																							
GXR-6 Meas					0.3	< 0.5	66	1090	2	20	86	119	7.05	249	< 10	933	0.7	< 2	0.16	14	84	5.26	10
GXR-6 Cert					1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0
OREAS 14P Meas																							
OREAS 14P Cert																							
OREAS 134b (AQUA REGIA) Meas																							
OREAS 134b (AQUA REGIA) Cert																							
MP-1b Meas																							
MP-1b Cert																							
PK2 Meas		4660	5610	4700																			
PK2 Cert		4790	5918.000	4749.000																			
CCU-1d Meas																							
CCU-1d Cert																							
CPB-2 Meas																							
CPB-2 Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
CDN-PGMS-24 Meas		852	4740	1030																			
CDN-PGMS-24 Cert		806.000	4880.00	1090.00																			
OXN117 Meas																							
OXN117 Cert																							
OXN117 Meas																							
OXN117 Cert																							
SdAR-M2 (U.S.G.S.) Meas						5.8	261		15	47	796	852				128	3.7	< 2		15	9		< 10
SdAR-M2 (U.S.G.S.) Cert						5.1	236.0000		13.3	48.8	808	760				990	6.6	1.05		12.4	49.6		17.6
OxP91 Meas																							
OxP91 Cert																							
OxP91 Meas																							
OxP91 Cert																							
SF85 Meas	812																						
SF85 Cert	848																						
SF85 Meas	823																						
SF85 Cert	848																						
OxD128 Meas	420																						
OxD128 Cert	424.000																						
OxD128 Meas	415																						
OxD128 Cert	424.000																						
171822 Orig					0.3	< 0.5	49	465	2	42	12	30	0.98	72	< 10	46	< 0.5	3	3.11	29	11	3.70	< 10
171822 Dup					0.3	< 0.5	45	448	2	40	12	30	0.94	73	< 10	43	< 0.5	< 2	3.01	28	10	3.52	< 10



Analyte Symbol	Hg	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	Th	U	V	W	Y	Zr	Au	Cu	Ag	Ni
Unit Symbol	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	%	ppm	%
Lower Limit	1	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1	0.03	0.001	3	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA	ICP-OES	ICP-OES	ICP-OES
GXR-1 Meas	3	0.04	< 10	0.15	0.061	0.037	0.19	76	< 1	164	< 0.01	11	< 2	< 20	27	83	136	16	12				
GXR-1 Cert	3.90	0.050	7.50	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	2.44	34.9	80.0	164	32.0	38.0				
GXR-4 Meas	< 1	1.86	56	1.71	0.121	0.128	1.84	3	6	75	0.15	< 1	< 2	< 20	< 10	90	14	8	7				
GXR-4 Cert	0.110	4.01	64.5	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	22.5	6.20	87.0	30.8	14.0	186				
PTM-1a Meas																							49.1
PTM-1a Cert																							47.44
GXR-6 Meas	< 1	1.22	12	0.41	0.089	0.035	0.01	3	19	36		< 1	< 2	< 20	< 10	194	< 10	4	11				
GXR-6 Cert	0.0680	1.87	13.9	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	5.30	1.54	186	1.90	14.0	110				
OREAS 14P Meas																							2.06
OREAS 14P Cert																							2.10
OREAS 134b (AQUA REGIA) Meas																					0.130	203	
OREAS 134b (AQUA REGIA) Cert																							204
MP-1b Meas																						3.07	50
MP-1b Cert																						3.069	47.0
PK2 Meas																							
PK2 Cert																							
CCU-1d Meas																						23.9	121
CCU-1d Cert																						23.93	120.7
CPB-2 Meas																						0.132	
CPB-2 Cert																						0.1213	
CZN-4 Meas																						0.403	51
CZN-4 Cert																						0.403	51.4
CDN-PGMS-24 Meas																							
CDN-PGMS-24 Cert																							
OXN117 Meas																					7.66		
OXN117 Cert																					7.679		
OXN117 Meas																						7.68	
OXN117 Cert																					7.679		
SdAR-M2 (U.S.G.S.) Meas	1		51							2	24				< 20	< 10	20	< 10	13	4			
SdAR-M2 (U.S.G.S.) Cert	1.44		46.6							4.1	144				14.2	2.53	25.2	2.8	32.7	259			
OxP91 Meas																					14.3		
OxP91 Cert																					14.82		
OxP91 Meas																					15.0		
OxP91 Cert																					14.82		
SF85 Meas																							
SF85 Cert																							
SF85 Meas																							
SF85 Cert																							
OxD128 Meas																							
OxD128 Cert																							
OxD128 Meas																							
OxD128 Cert																							
171822 Orig	< 1	0.27	17	0.44	0.028	0.057	2.56	< 2	1	75	< 0.01	3	< 2	< 20	< 10	14	< 10	4	28				
171822 Dup	< 1	0.26	16	0.42	0.025	0.055	2.40	3	1	71	< 0.01	1	< 2	< 20	< 10	14	< 10	4	26				

Analyte Symbol	Hg	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	Th	U	V	W	Y	Zr	Au	Cu	Ag	Ni
Unit Symbol	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	%	ppm	%
Lower Limit	1	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1	0.03	0.001	3	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA	ICP-OES	ICP-OES	ICP-OES
171825 Orig																					1.44	217	
171825 Dup																					1.44	196	
171826 Orig																					27.9	215	
171826 Dup																					27.8	189	
171827 Orig																					7.57	28	
171827 Dup																					7.51	20	
171830 Orig	< 1	0.20	16	0.45	0.043	0.046	4.76	2	2	34	< 0.01	< 1	< 2	< 20	< 10	18	< 10	3	23				
171830 Dup	< 1	0.19	16	0.46	0.040	0.046	4.77	2	1	36	< 0.01	< 1	< 2	< 20	< 10	17	< 10	3	22				
171831 Orig																					17.2		
171831 Dup																					16.6		
171833 Orig																					1.78	15	
171833 Dup																					1.74	15	
171836 Orig																							
171836 Dup																							
171839 Orig																							
171839 Split PREP DUP																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 1	< 0.01	< 10	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 20	< 10	< 1	< 10	< 1	< 1				
Method Blank																							
Method Blank																							
Method Blank																					< 0.03		
Method Blank																					< 0.03		
Method Blank																					< 0.001	< 3	
Method Blank																							< 0.003
Method Blank																					< 0.03		
Method Blank																					< 0.03		

Quality Analysis ...



Innovative Technologies

**Date Submitted:** 18-May-17  
**Invoice No.:** A17-04963  
**Invoice Date:** 23-Jun-17  
**Your Reference:**

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

**ATTN: Mike MacIsaac (Inv)**

## CERTIFICATE OF ANALYSIS

19 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1C-Exp Tbay Fire Assay-ICP/MS

Code 1E-Tbay Aqua Regia ICP(AQUAGEO)

REPORT      **A17-04963**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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

Values which exceed the upper limit should be assayed for accurate numbers.

We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6  
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613

E-MAIL [Tbay@actlabs.com](mailto:Tbay@actlabs.com) ACTLABS GROUP WEBSITE [www.actlabs.com](http://www.actlabs.com)



**QC****Activation Laboratories Ltd.****Report: A17-04963**

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	S	Au	Pd	Pt	Au	Cu	Ni
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	g/tonne	ppb	ppb	ppb	%	%
Lower Limit	5	0.2	0.5	1	2	2	1	2	1	0.001	0.03	1	1	2	0.001	0.003
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA- GRA	FA-MS	FA-MS	FA-MS	ICP- OES	ICP- OES
Method Blank												< 1	< 1	< 2		
Method Blank												< 1	< 1	< 2		
Method Blank															< 0.001	< 0.003

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	S	Au	Pd	Pt	Au	Cu	Ni
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	g/tonne	ppb	ppb	ppb	%	%
Lower Limit	5	0.2	0.5	1	2	2	1	2	1	0.001	0.03	1	1	2	0.001	0.003
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA- GRA	FA-MS	FA-MS	FA-MS	ICP- OES	ICP- OES
GXR-1 Meas		28.0	2.9	1080	796	13	24	590	664	0.191						
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	0.257						
GXR-4 Meas		3.4	< 0.5	6270	134	328	37	41	70	1.675						
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	1.77						
CZN-3 Meas																0.709
CZN-3 Cert																0.685
GXR-6 Meas		0.3	< 0.5	63	973	< 2	23	87	115	0.013						
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	0.0160						
MP-1b Meas																2.96
MP-1b Cert																3.07
PK2 Meas												6300	5040	5030		
PK2 Cert												5918.0 00	4749.0 00	4790		
CCU-1d Meas																23.9
CCU-1d Cert																23.93
CPB-2 Meas																0.119
CPB-2 Cert																0.1213
OREAS 206 Meas	2220															
OREAS 206 Cert	2197.0 00															
SE68 Meas	600															
SE68 Cert	599															
OxK110 Meas											3.56					
OxK110 Cert											3.602					
PTC-1b Meas																7.92
PTC-1b Cert																7.97
SdAR-M2 (U.S.G.S.) Meas			5.2	221		13	43	813	809							11.0
SdAR-M2 (U.S.G.S.) Cert			5.1	236.00 00		13	49	808	760							11.29
OxL118 Meas											5.86					
OxL118 Cert											5.828					
LK1 Orig												13.8				
LK1 Dup												13.9				
KL3 Orig		3.1	< 0.5	1400	343	< 2	> 10000	8	3	14.93						
KL3 Dup		3.2	< 0.5	1400	352	< 2	> 10000	5	3	13.40						
TL1 Orig	18															
TL1 Dup	24															
Method Blank		< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.001						
Method Blank		< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.001						
Method Blank	< 5															
Method Blank											< 0.03					



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

## Assay Certificate

**Certificate Number: 17-2679**

Company: **Gino Chitaroni**

Project: **KNT**

Report Date: **16-Nov-17**

Attn: **Gino Chitaroni**

*We hereby certify* the following Assay of 31 tails samples submitted 04-Oct-17 by Gino Chitaroni

Sample Number	Pt	Pd	Cu	Co	Ni
	FA-MP g/Mt	FA-MP g/Mt	AR-AAS %	AR-AAS %	AR-AAS %
CDN-PGMS-27	1.28	2.06			
32967	0.34	0.57	0.181	0.011	0.295
32968	0.32	0.58	0.161	0.009	0.240
32969	0.44	0.73	0.210	0.011	0.294
32970	0.40	0.82	0.317	0.012	0.305
32971	0.37	0.77	0.106	0.010	0.232
32972	0.33	0.54	0.183	0.011	0.287
32973	0.33	0.51	0.160	0.010	0.266
32974	0.33	0.48	0.170	0.011	0.283
32975	0.28	0.52	0.178	0.012	0.297
32976	0.27	0.47	0.150	0.012	0.281
32977	0.25	0.43	0.135	0.012	0.265
32978	0.29	0.50	0.186	0.017	0.401
32979	0.26	0.40	0.128	0.010	0.224
32980	0.25	0.37	0.140	0.011	0.236
32981	0.26	0.41	0.136	0.010	0.241
32982	0.06	0.10	1.075	0.078	2.110
32983	0.25	0.37	0.126	0.011	0.230
32984	0.22	0.36	0.136	0.012	0.229
32985	0.21	0.35	0.111	0.011	0.217
32986	0.23	0.40	0.130	0.013	0.273
32987	0.26	0.41	0.151	0.011	0.230
32988	0.22	0.44	0.120	0.011	0.251
32989	0.25	0.55	0.171	0.011	0.273
32990	0.31	0.48	0.185	0.012	0.296

Certified by

Valid Abu Ammar

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0  
Telephone (705) 642-3244 Fax (705) 642-3300



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 2 of 2

## Assay Certificate

**Certificate Number: 17-2679**

Company: **Gino Chitaroni**  
Project: **KNT**  
Attn: **Gino Chitaroni**

Report Date: 16-Nov-17

*We hereby certify the following Assay of 31 tails samples submitted 04-Oct-17 by Gino Chitaroni*

Sample Number	Pt	Pd	Cu	Co	Ni
	FA-MP g/Mt	FA-MP g/Mt	AR-AAS %	AR-AAS %	AR-AAS %
32991	0.25	0.46	0.170	0.012	0.292
32992	0.24	0.45	0.153	0.013	0.286
32993	0.29	0.42	0.154	0.011	0.273
32994	< 0.01	0.02	0.004	0.001	0.007
32995	0.29	0.41	0.159	0.012	0.289
32996	0.23	0.39	0.141	0.011	0.247
32997	0.25	0.42	0.144	0.013	0.301

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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

## Assay Certificate

**Certificate Number: 17-2679**

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Report Date: **16-Nov-17**

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Sample Number	Pt	Pd	Cu	Co	Ni
	FA-MP g/Mt	FA-MP g/Mt	AR-AAS	AR-AAS	AR-AAS %
CDN-PGMS-27	1.28	2.06			
32967	0.34	0.57	0.181	0.011	0.295
32968	0.32	0.58	0.161	0.009	0.240
32969	0.44	0.73	0.210	0.011	0.294
32970	0.40	0.82	0.317	0.012	0.305
32971	0.37	0.77	0.106	0.010	0.232
32972	0.33	0.54	0.183	0.011	0.287
32973	0.33	0.51	0.160	0.010	0.266
32974	0.33	0.48	0.170	0.011	0.283
32975	0.28	0.52	0.178	0.012	0.297
32976	0.27	0.47	0.150	0.012	0.281
32977	0.25	0.43	0.135	0.012	0.265
32978	0.29	0.50	0.186	0.017	0.401
32979	0.26	0.40	0.128	0.010	0.224
32980	0.25	0.37	0.140	0.011	0.236
32981	0.26	0.41	0.136	0.010	0.241
32982	0.06	0.10	1.075	0.078	2.110
32983	0.25	0.37	0.126	0.011	0.230
32984	0.22	0.36	0.136	0.012	0.229
32985	0.21	0.35	0.111	0.011	0.217
32986	0.23	0.40	0.130	0.013	0.273
32987	0.26	0.41	0.151	0.011	0.230
32988	0.22	0.44	0.120	0.011	0.251
32989	0.25	0.55	0.171	0.011	0.273
32990	0.31	0.48	0.185	0.012	0.296

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Page 2 of 2

## Assay Certificate

**Certificate Number: 17-2679**

Company: **Gino Chitaroni**

Project: **KNT**

Report Date: **16-Nov-17**

Attn: **Gino Chitaroni**

*We hereby certify* the following Assay of 31 tails samples submitted 04-Oct-17 by Gino Chitaroni

Sample Number	Pt	Pd	Cu	Co	Ni
	FA-MP g/Mt	FA-MP g/Mt	AR-AAS	AR-AAS	AR-AAS
32991	0.25	0.46	0.170	0.012	0.292
32992	0.24	0.45	0.153	0.013	0.286
32993	0.29	0.42	0.154	0.011	0.273
32994	< 0.01	0.02	0.004	0.001	0.007
32995	0.29	0.41	0.159	0.012	0.289
32996	0.23	0.39	0.141	0.011	0.247
32997	0.25	0.42	0.144	0.013	0.301

Certified by

  
Valid Abu Ammar



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
www.alsglobal.com/geochemistry

To: TEMAGAMI GOLD INC.  
1 PRESLEY ST  
COBALT ON P0J 1C0

Page: 1  
Total # Pages: 2 (A - C)  
Plus Appendix Pages  
Finalized Date: 30- DEC- 2017  
This copy reported on  
2- JAN- 2018  
Account: TGITLSDV

**CERTIFICATE SD17280597**

Project: Kanichee Tailings Project

This report is for 7 Pulp samples submitted to our lab in Sudbury, ON, Canada on 18- DEC- 2017.

The following have access to data associated with this certificate:

GINO CHITARONI

DALE SCHULTZ

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
LOG- QC	QC Test on Received Samples

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP61	33 element four acid ICP- AES	iCP- AES
PGM- MS23L	Low level PGM - FA ICPMS	iCP- MS

To: TEMAGAMI GOLD INC.  
ATTN: GINO CHITARONI  
1 PRESLEY ST  
COBALT ON P0J 1C0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager





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 1 PRESLEY ST  
 COBALT ON P0J 1C0

Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30- DEC- 2017  
 Account: TGITLSDV

Project: Kanichee Tailings Project

**CERTIFICATE OF ANALYSIS SD17280597**

Sample Description	Method Analyte Units LOR	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61
		Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		20	0.01	10	10	1	10	2
S32971		<20	0.28	<10	<10	137	<10	183
S32975		<20	0.30	<10	<10	132	<10	152
S32976		<20	0.34	<10	<10	141	<10	132
S32978		<20	0.29	<10	<10	125	<10	131
S32987		<20	0.27	<10	<10	108	<10	105
S32990		<20	0.25	<10	<10	120	<10	140
S32997		<20	0.30	<10	<10	126	<10	116

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: TEMAGAMI GOLD INC.  
 1 PRESLEY ST  
 COBALT ON P0J 1C0

Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30- DEC- 2017  
 Account: TGITLSDV

Project: Kanichee Tailings Project

**CERTIFICATE OF ANALYSIS SD17280597**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Fe % 0.01	Ga ppm 10	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1
S32971		16.50	<10	0.11	<10	10.45	1060	<1	0.07	2230	310	6	2.37	<5	14	49
S32975		13.50	10	0.10	<10	12.15	1380	1	0.13	2620	300	4	2.29	<5	14	77
S32976		13.40	10	0.14	<10	12.40	1525	<1	0.20	2520	360	6	2.22	<5	17	97
S32978		13.05	10	0.14	<10	12.85	1455	<1	0.16	3570	400	7	2.46	<5	16	99
S32987		10.85	10	0.18	<10	13.60	1625	<1	0.13	2230	420	6	1.19	<5	16	113
S32990		14.55	<10	0.04	<10	13.75	1530	<1	0.06	2560	240	5	2.90	<5	14	91
S32997		12.50	10	0.15	<10	13.10	1510	<1	0.18	2830	440	7	1.83	<5	16	108



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To: TEMAGAMI GOLD INC.  
 1 PRESLEY ST  
 COBALT ON P0J 1C0

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 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 30- DEC- 2017  
 Account: TGITLSDV

Project: Kanichee Tailings Project

**CERTIFICATE OF ANALYSIS SD17280597**

Sample Description	Method Analyte Units LOR	WEI- 21	PGM- MS23L	PGM- MS23L	PGM- MS23L	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	
		Recvd Wt. kg	Au ppb	Pt ppb	Pd ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	1	0.1	0.2	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1
S32971		0.28	64	369	839	1.5	2.23	65	40	<0.5	5	3.35	0.7	94	3430	904
S32975		0.30	46	276	489	1.3	2.29	25	50	<0.5	3	3.19	1.5	105	3140	1465
S32976		0.27	49	277	481	1.2	2.76	24	50	<0.5	3	3.98	1.2	108	2590	1255
S32978		0.22	66	284	466	1.9	2.62	26	50	<0.5	<2	3.80	1.3	154	2370	1550
S32987		0.27	31	276	389	1.2	2.75	25	60	<0.5	3	3.94	1.1	105	1690	1265
S32990		0.28	40	340	487	1.4	2.10	15	20	<0.5	<2	3.12	1.2	102	2650	1500
S32997		0.30	38	280	427	1.6	2.83	26	60	<0.5	<2	3.99	1.3	126	2170	1285



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This copy reported on  
2- JAN- 2018  
Account: TGITLSDV

## QC CERTIFICATE SD17280597

Project: Kanichee Tailings Project

This report is for 7 Pulp samples submitted to our lab in Sudbury, ON, Canada on 18- DEC- 2017.

The following have access to data associated with this certificate:

GINO CHITARONI

DALE SCHULTZ

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
LOG- QC	QC Test on Received Samples

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP61	33 element four acid ICP- AES	ICP- AES
PGM- MS23L	Low level PGM - FA ICPMS	ICP- MS

To: TEMAGAMI GOLD INC.  
ATTN: GINO CHITARONI  
1 PRESLEY ST  
COBALT ON P0J 1C0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

