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TREELINED LAKE GRAPHITE PROPERTY TREELINED LAKE AREA – PLAN G-2651 KENORA MINING DIVISION, ONTARIO

for

PERRY L. HEATHERINGTON

Prepared By

ALASDAIR J.M. MOWAT

Technical Mining Engineer

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Table 2: Certificate TB17215996 (7 pages)

TREELINED LAKE GRAPHITE PROPERTY

OWNERSHIP:

The Treelined Lake Graphite Property is located in the Treelined Lake Area (G-2651), Kenora Mining Division of Northwestern Ontario (Fig. 1). The property is 100% owned by Perry L Heatherington which is comprised of a contiguous block of 6 claims (59 units or 944 ha). Fig. 2. The property was acquired for its economic potential to host flake graphite.

LOCATION:

The property is located approximately 60 kilometres north of the City of Kenora at 50.30 degrees N latitude by 94.46 degrees W longitude (GPS Zone 15, NAD 83, 396159mE by 5572841mN). Fig. 1.

ACCESS:

Access to the project site is by road and trail. One takes the Kenora to Redditt highway north from Kenora to the English River gravelled road. This north road takes one to the Treelined Trail which goes to the trench workings of the Graphite Occurrence a travelled one way distance of 84 km (76 km by truck and 8 km by quad).

REGIONAL GEOLOGY:

The Treelined Graphite Property is hosted within a suite of Archean age high-grade metamorphic Metasedimentary rocks (dominantly schists and gneisses) enclosed in Granitoid rocks within the English River Subprovince. The Property lies close to a major crustal boundary between the Archean English River Gneiss Belt to the north and the Archean Winnipeg River Pluton to the south. In subject property, the Separation Lake Greenstone Belt lies along the southern border of the English River Subprovince. The Treelined Graphite Property is located a short distance north of the Separation Lake Greenstone Belt.

PROPERTY GEOLOGY:

The Graphite Property hosts a previously identified zone of graphite-bearing paragneisses (altered quartzes to arkose to greywacke sedimentary rocks). The flake graphite in the paragneisses is considered to represent the re-crystallization at the temperatures and pressures of amphibolites to granulate grade metamorphism of pre-existing organic carbon in the original sedimentary rocks.

Field work by the Ontario Geological Survey (OGS) and the claim holder have shown the graphite-bearing units trend +/- N 60 degrees E, dipping steeply to the southeast to vertical, exposing a zone in the order of 75 metres to 100 metres wide by trenching and sampling.

Previous exploration activities by past owner Mega Graphite Inc in the Fall of 2012 consisted of prospecting; mechanical and manual stripping/washing; geological mapping, and rock sampling (grab and diamond saw channeling). The graphite/carbon assays returned values up to 11% carbon.

The Treelined Graphite Zone has been trenched over a strike length of about 600 metres at \pm 100 metre spaced cross-cutting trenches. The zone appears to be open along strike in both southwest to northeast directions. Combining the known strike length of 600 metres with the 75 \pm 100 metre widths would suggest the presence of a graphite deposit with a significant tonnage potential that, at least in part, could be amenable to open pit mining.

Although, it is quite unbelievable that the zone has not been drill tested, two preliminary mineral dressing studies have be conducted to determine if a suitable graphite concentrate could be produced. Both scoping studies were positive.

PROPERTY VISIT:

The property was visited on September 28th, 2017. The purpose of the visit was to review the ground status of the project site and to collect a rock sample (GPS - 396140mE, 5572850mN). The sample was removed north-west of the main graphite zone just passed the old shack on mining claim 4224468 (Fig. 2).

The section of the English River Road north of the iron bridge is reasonable passable with however, passable with a quad – previously 4x4 truck accessible up to the abandon cabin.

SAMPLE ANALYTICAL PROCEDURES:

The field rock sample # TL-01-12 was boxed and mailed from Kenora to ALS Geochemistry in Thunder Bay, Ontario for preparation and analyses. A copy of the two page work order TB17215996 (Table 1) is attached explaining the analytical processes.

SAMPLE ANALYTICAL RESULTS:

The seven page Table 2, is a copy of the certificate of analysis for the submitted sample TL-01-

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17. The main point is the carbon assayed 2.12%. This sample was removed north of the primary zone, the zone parallels the lake. Also, the organic carbon occurs in quartz rich matrix -81.9% (Table 2).

CONCLUSION:

The Treelined Graphite Property has the potential to host a carbon deposit of economic significance. To validate this observation, the following programs are recommended:

1/. Surprisingly, the graphite zone and property has never been drill tested. A minimum pass of 1,500m NQ core including core assaying is recommended.

2/. As this 1^{st} phase of drilling is conducted, the following exploration activities continue with evaluating the rest of the claim holdings:

-prospecting and sampling;

-geological mapping and sampling;

-magnetometer and electromagnetic geophysical surveys, and

-geochemistry.

The estimated cost of this 1^{st} phase of the exploration programme is \$2 million.

Reported Dated: October 22nd, 2017

Report by: Alasdair J.M. Mowat

Technical Mining Engineer

P0:0

Ontario MINISTRY OF NORTHERN DEVELOPMENT	OCCURRENCE MAP	
		Legend Administration Boundaries Pointing Onlisting Resistant Geologist District Townships and Areas UTN Gib Geographic Lot Fairle Other Fed arabis and
Control Long	celined occurrence Location	Min earl Tenare Orld Oit FC Texture Orld All len pril ons State With drawel Listice Unpatented Claten Active Percential
Redditt Konora Iital	(Ti)	United to December of December
0 37.66 km	Projection: Web Mercator	Eig: L
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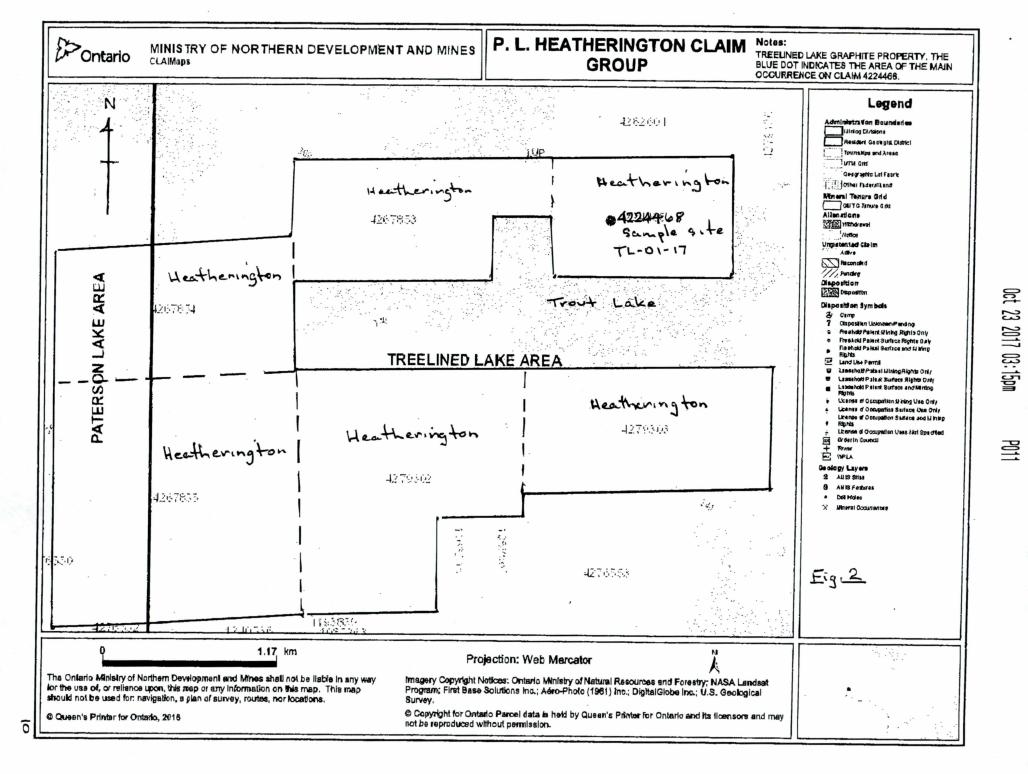




TABLE 1 WORKORDER **CONFIRMATION FOR** TB17215996

Print date Oct 06, 2017

Client Code **AMOOMFAA**

Page 1 of 2

To:

Alasdair Mowat Alasdair Mowat Suite 1-35 Paterson Kenora ON P9N 3S1 Canada

WO Billing address:

Alasdair Mowat Alasdair Mowat Suite 1-35 Paterson Kenora ON Canada P9N 3S1

WORKORDER DISTRIBUTION

REPORT DESCRIPTION	DESTINATION PERSON	DELIVERY
Certificate of analysis	Alasdair Mowat	Email
Invoice	Alasdair Mowat	Email
QC Certificate	Alasdair Mowat	Email
Work Order	Alasdair Mowat	Email
ALS Minerals Standard XLS Format with (Alasdair Mowat	Email

Samples submitted by:

Project: P. O. #:

TREELINED

Rock

Pulp Disposition: Dump after 90 Days

Reject Disposition:

Total Samples Received: 1

Dump First Sample Description: TL-01-17

Sample Type: Date Received:

October 05, 2017

Ontario, Canada

Carrier and Waybill:

CDA POST 0451835000508474

Sample Origin:

ANALYTICAL WORK REQUESTED:

PREP

1	CRU- 31	PREP- 31	Fine crushing - $70\% < 2mm$			
1	LOG- 22	PREP-31	Sample login - Rcd w/o BarCode			
1	PUL-31	PREP-31	Pulverize split to 85% < 75 um			
1	SPL- 21	PREP- 31	Split sample - riffle splitter			
1	WEI- 21	Received Sample Weight				
	Analytes Requested: Recyd Wt					



WORKORDER CONFIRMATION FOR TB17215996

Print date Oct 06, 2017

Client Code AMOOMFAA

Page 2 of 2

ANALYTICAL

1 C- IR07 CCP- PKG01 Total Carbon (Leco) Analytes Requested: C

1 ME- 4ACD81 CCP- PKG01 Base Metals by 4- acid dig. Analytes Requested: Ag,Cd,Co,Cu,Li,Mo,Ni,Pb,Sc,Zn

IF Aq >= 100 ppm THEN RUN METHOD Ag- OG62

IF Co >= 10000 ppm THEN RUN METHOD Co- OG62

IF Cu > = 10000 ppm THEN RUN METHOD Cu- OG62

IF Mo >= 10000 ppm THEN RUN METHOD Mo- OG62

IF NI >= 10000 ppm THEN RUN METHOD Ni- OG62

IF Pb > = 10000 ppm THEN RUN METHOD Pb- OG62

IF Zn >= 10000 ppm THEN RUN METHOD Zn- OG62

ME- ICP06 CCP- PKG01 Whole Rock Package - ICP- AES
Analytes Requested: Al2O3,BaO,CaO,Cr2O3,Fe2O3,K2O,MgO,MnO,Na2O,P2O5,SiO2,SrO,TiO2

1 ME-MS42 CCP-PKG01 Up to 34 elements by ICP-MS Analytes Requested As,Bi,Hg,In,Re,Sb,Se,Te,TI

1 ME- MS81 CCP- PKG01 Lithium Borate Fusion ICP- MS Analytes Requested:

1 OA-GRA05 CCP-PKG01 Loss on Ignition at 1000C Analytes Requested: LOI

1 S- IR08 CCP- PKG01 Total Sulphur (Leco)

Analytes Requested: S

1 TOT-ICP06 CCP-PKG01 Total Calculation for ICP06 Analytes Requested: Total

MISCELLANEOUS ITEMS:

1 BAT-01 Administration Fee

This Workorder Confirmation is issued to detail how the sample submission has been logged in the ALS system. Please review the details herein to ensure accuracy and advise ALS immediately of any changes required.