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BTU Metals Corp.

# Report on Prospecting and Sampling on the Burnthut Property, Ontario

570,000 mE / 5,537,000 mN NAD 83, UTM Zone 15N

49° 58' 52.4" N / 92° 01' 25.1" E

Effective Date: March 1, 2019

Prepared by: Case Lewis, P.Geo. *ClaimHunt Inc. Vancouver, BC, Canada* 

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### 1.0 **INTRODUCTION**

The Burnthut property is located in Northwestern Ontario, approximately 60 kilometres northeast of Dryden, Ontario. A prospecting and sampling program was undertaken on the property for two days from October 14-15, 2018. The objective of the program was to identify any mineralized outcrops on the property. Work was carried out by Doug Hunter, P.Geo and Don McKinnon, senior prospector. The effective date of this report is March 1, 2019.

The results from the program are summarized below:

| Sample ID | Easting<br>(m) | Northing<br>(m) | Sample<br>Type  | Description   |
|-----------|----------------|-----------------|-----------------|---|
| TC14979   | 573258         | 5537210         | Outcrop<br>Grab | <b>Burnthut Island (Zone 1)</b><br>Surface grab sample from historic channel cut in pale<br>yellow porphyry cutting basalt                                  |
| TC14980   | 572457         | 5537380         | Outcrop<br>Grab | <b>Peninsula west of Burnthut Island (Zone 3)</b><br>Surface grab from historic pit near lake shore; quartz<br>carbonate vein with coarse grains pyrite     |
| TC14981   | 572457         | 5537380         | Outcrop<br>Grab | <b>Peninsula west of Burnthut Island (Zone 3)</b><br>Surface grab of mafic volcanic wall rock with fine grained<br>disseminated pyrite and quartz stringers |

TABLE 1.1. SAMPLE LOCATIONS AND DESCRIPTIONS

| Sample ID | Au (ppb) | Ag (ppm) |
|-----------|----------|----------|
| TC14979   | < 5      | < 0.2    |
| TC14980   | 1150     | 6        |
| TC14981   | 1740     | 11       |

Unless otherwise mentioned, the coordinate system used in this report is NAD83 UTM Zone 15N.

# 2.0 **PROPERTY DESCRIPTION AND LOCATION**

The Burnthut property is located in Northwestern Ontario, approximately 60 kilometres northeast of Dryden, Ontario, as shown in **Figure 2.1**. The property consists of 115 mineral claims (**Figure 2.2, Table 2.1**) in two contiguous blocks, at the intersection of the Kabik Lake, Parnes Lake, and Jordan Areas. The property is centred at 570,000 mE / 5,537,000 mN NAD 83, UTM Zone 15N, or 49° 58' 52.4" N / 92° 01' 25.1" E.

| Tenure<br>Number | Title Type                    | Status | Issue Date | Anniversary | Holder   |
|------------------|-------------------------------|--------|------------|-------------|--|
| 273224           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 271967           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 134537           | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 320431           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 164117           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 139288           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 247989           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 143835           | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 203950           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 164118           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 159289           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 102296           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 259452           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 247990           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 162355           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 162354           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 117597           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 117596           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 276343           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 258319           | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06  | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 229107           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 221126           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 162688           | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06  | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 324910           | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 288382           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 276344           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (100) PERRY VERN ENGLISH                             |
| 341673           | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06  | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 135444           | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06  | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |

#### **TABLE 2.1. PROPERTY CLAIMS**

| 334071 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
|--------|-------------------------------|--------|------------|------------|--|
| 143836 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 199633 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 123448 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 175201 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 127828 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 282734 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 254212 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 117595 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 150898 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 123447 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 235241 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 216111 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 187417 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 180656 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 123446 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 303429 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 210069 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 202541 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 170004 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 305841 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 257183 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 239874 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 255133 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 255131 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 220066 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 207994 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 323334 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 323333 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 273983 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 255134 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 236564 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |

| 207995 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
|--------|-------------------------------|--------|------------|------------|--|
| 207458 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 115494 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 322193 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 322192 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 285603 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 266041 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 323335 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 197985 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 187734 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 168003 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 265975 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 246441 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 199233 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 199232 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 319162 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-03-06 | (100) PERRY VERN ENGLISH                             |
| 224014 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-12-15 | (100) GFG RESOURCES INC.                             |
| 135815 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 112815 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 152844 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 198178 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (50) PERRY VERN ENGLISH, (50)<br>ROBERT JOHN HEILMAN |
| 170761 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 141417 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 191217 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 219649 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 199522 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 199521 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 199520 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 274071 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 266134 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 226928 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 219650 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 304049 | Boundary Cell Mining<br>Claim | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 304048 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |
| 286209 | Single Cell Mining Claim      | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH                             |

| 274072 | Single Cell Mining Claim Active |        | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
|--------|---------------------------------|--------|------------|------------|--------------------------|
| 322796 | Boundary Cell Mining<br>Claim   | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 322795 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 320636 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 304050 | Boundary Cell Mining<br>Claim   | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 124917 | Boundary Cell Mining<br>Claim   | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 322797 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 115505 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 115504 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 115503 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 170200 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 141345 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 141344 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 135816 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 267230 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 266063 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 255132 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 226868 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 151111 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |
| 303091 | Single Cell Mining Claim        | Active | 2018-04-10 | 2019-12-27 | (100) PERRY VERN ENGLISH |

Each year, exploration work of \$400 must be completed on each Single Cell Mining Claim and \$200 of work on each Boundary Cell Mining Claim to keep the claims in good standing.



FIGURE 2.1. PROPERTY LOCATION



FIGURE 2.2. PROPERTY LOCATION.

### 3.0 **PROPERTY OWNERSHIP**

The property is currently owned by 1544230 Ontario Inc ("154") and under option to BTU Metals Inc ("BTU"). On August 27, 2018, 154 granted BTU an option (the "Option") to acquire, free and clear of all encumbrances excepting a 1.5% Royalty on all mineral products produced from the property, an undivided 100% interest in the property, in exchange for a combination of cash and stock issued and pad over the course of 48 months from the date of option. The Royalty is subject to a buyback right, wherein BTU may at any time purchase one-half (50%) of the Royalty for cancellation in consideration of paying \$500,000.

### 4.0 **HISTORY**

A detailed history of the property is beyond the intended scope of this report. However, the following list itemizes all reports filed with MNDM which intersect the Property.

| AFRI FID      | Year | Performed for    | Township    | Work                                   |
|---------------|------|------------------|-------------|--|
|               | 1040 | Clinger Gold     | Kabik Lake  | Magnetic / Magnetemator Survey         |
| 52F10NE6565   | 1940 | Mines Ltd        | Area        | Magnetic / Magnetometer Survey         |
| E2E16NE9294   | 1049 | Mosher Long      | Kabik Lake  | Magnetic / Magnetemator Survey         |
| 52F10NE6264   | 1940 | Lac Gold Mines   | Area        | Magnetic / Magnetometer Survey         |
| F2C12NIM/0021 | 1050 | Ourgold Mining   | Parnes Lake | Compilation and Interpretation -       |
| 520151000021  | 1950 | Co Ltd           | Area        | Geology, Other                         |
| F2C12NIM/0047 | 1061 | Asarco Expl Co   | Parnes Lake | Diamond Drilling, Geological Survey /  |
| 52G13NW0047   | 1901 | Of Can Ltd       | Area        | Mapping                                |
|               | 1062 | Ourgold Mining   | Parnes Lake | Diamond Drilling                       |
| 520151000025  | 1962 | Co Ltd           | Area        |  |
| F21046\M/8028 | 1970 | Imperial Oil     | Drautan     | Flootromognotic                        |
| 521043778928  |      | Enterprises      | Drayton     |  |
| E2E16NE0001   | 1971 | Imperial Oil     | lordan      | Electromagnetic                        |
| SZFIONEUUUI   |      | Enterprises      | Joruan      | Electromagnetic                        |
| E2C12NIM/0021 | 1972 | Shila Minos Itd  | Parnes Lake | Compilation and Interpretation -       |
| 520151000051  |      | Shilo Milles Ltu | Area        | Geology, Other                         |
| F2C12NIM/0027 | 1072 | Chilo Minoc Itd  | Parnes Lake | Electromagnetic, Magnetic /            |
| 520151000027  | 1975 | Shilo Milles Ltu | Area        | Magnetometer Survey                    |
|               | 1074 | Dome Expl        | lordan      | Assoving and Analyses Diamond Drilling |
| 52F10NE0507   | 1974 | (Canada) Ltd     | Joruan      | Assaying and Analyses, Diamond Drining |
|               |      |                  | Kabik Lako  | Geochemical, Geological Survey /       |
| 52F16NE8244   | 1980 | Cominco Ltd      |             | Mapping, Magnetic / Magnetometer       |
|               |      | Area             |             | Survey                                 |

**TABLE 4.1 HISTORICAL WORK** 

| 52G13NW0015 | 1980 | Seaway Base<br>Metals                                     | Parnes Lake<br>Area | Miscellaneous Compilation and<br>Interpretation, Other  |
|-------------|------|---|---------------------|---|
| 52F16NE8224 | 1982 | Cominco Ltd   | Kabik Lake<br>Area  | Electromagnetic Very Low Frequency,<br>Magnetic / Magnetometer Survey                                     |
| 52G13NW0009 | 1984 | Golden Range<br>Resources Inc                             | Parnes Lake<br>Area | Electromagnetic Very Low Frequency,<br>Magnetic / Magnetometer Survey                                     |
| 52G13NW0008 | 1984 | Golden Range<br>Resources Inc                             | Parnes Lake<br>Area | Electromagnetic Very Low Frequency,<br>Magnetic / Magnetometer Survey                                     |
| 52G13NW0006 | 1986 | Noranda<br>Exploration Co                                 | Parnes Lake<br>Area | Assaying and Analyses, Geochemical  |
| 52F16NE0363 | 1987 | Lac Minerals Ltd  | Jordan              | Airborne Electromagnetic Very Low<br>Frequency, Airborne Magnetometer                                     |
| 52G13NW0004 | 1990 | C J Kuryliw   | Parnes Lake<br>Area | Assaying and Analyses, Geological Survey / Mapping  |
| 52G13NW9229 | 1990 | C J Kuryliw   | Parnes Lake<br>Area | Assaying and Analyses, Geological Survey<br>/ Mapping, Miscellaneous Compilation<br>and Interpretation    |
| 52G13NW0011 | 1990 | C J Kuryliw   | Parnes Lake<br>Area | Diamond Drilling  |
| 52G13NW2001 | 1998 | Triex Resc Ltd  | Parnes Lake<br>Area | Geochemical, Geological Survey /<br>Mapping, Open Cutting   |
| 52G13NW2001 | 1998 | Triex Resc Ltd  | Parnes Lake<br>Area | Geochemical, Geological Survey /<br>Mapping, Open Cutting   |
| 52G13NW2002 | 1999 | Triex Resc Ltd  | Parnes Lake<br>Area | Assaying and Analyses, Diamond Drilling   |
| 52G13NW2002 | 1999 | Triex Resc Ltd  | Parnes Lake<br>Area | Assaying and Analyses, Diamond Drilling   |
| 52F16NE2004 | 1999 | Triex Resc Ltd  | Kabik Lake<br>Area  | Assaying and Analyses, Prospecting By Licence Holder  |
| 52F16NE2006 | 2002 | Southern Rio<br>Resc Ltd                                  | Kabik Lake<br>Area  | Assaying and Analyses, Diamond Drilling   |
| 20000008131 | 2011 | Goldlund<br>Resources Inc                                 | Kabik Lake<br>Area  | Assaying and Analyses, Diamond Drilling,<br>Geological Survey / Mapping, Prospecting<br>By Licence Holder |
| 20000013706 | 2012 | -   | Laval               | Magnetic / Magnetometer Survey  |
| 20000008302 | 2014 | Goldlund<br>Resources Inc,<br>Kelvin Michael<br>Ladouceur | Laval               | Magnetic / Magnetometer Survey  |
| 2000008302  | 2014 | Goldlund<br>Resources Inc,                                | Laval               | Magnetic / Magnetometer Survey  |

|            |      | Kelvin Michael |       |                                |
|------------|------|----------------|-------|--------------------------------|
|            |      | Ladouceur      |       |                                |
|            |      | Goldlund       |       |                                |
| 2000000202 | 2014 | Resources Inc, | Laval | Magnetia / Magnetemater Survey |
| 2000008302 |      | Kelvin Michael | Lavai | Magnetic / Magnetometer Survey |
|            |      | Ladouceur      |       |                                |

# 5.0 **REGIONAL GEOLOGY**

The Minnitaki Lake Property is underlain by rocks of the Archean Abram-Minnitaki greenstone belt, part of the Wabigoon Subprovince, Superior Province, Canadian Shield. The geology of this area has been described by many previous workers including Bell (1873), Hurst (1932), Pettijohn (1934, 1935, 1936, 1937), Armstrong (1950), Johnston (1969, 1972), Page and Clifford (1977), Sutherland and Colvine (1979), Blackburn et al. (1991) and Devaney et al. (1995). The following description of the regional geology and gold mineralization present in the Abram-Minnitaki greenstone belt is taken from Eveleigh and Cullen (1994):

The Abram - Minnitaki Greenstone Belt (AMGB), located in the Wabigoon subprovince, has been described as a collisional zone between the Wabigoon and English River subprovinces and consists of six easterly trending belts of Archean age. From north to south through the AMGB, the sub-belts are known as the northern metaplutonic complex, northern volcanic belt, northern sedimentary belt, central volcanic belt, southern sedimentary belt, and southern volcanic belt. The AMBG as a whole is intruded by felsic to intermediate masses ranging in size and geometry from stocks to narrow dykes and sills. Metamorphic grade increases through the belt from south to north, with greenschist facies metavolcanics up to Vermillion Lake, grading into epidote amphibolite and almandine amphibolite as you get closer to the granitic rocks north of the belt.

The most significant gold occurrences yet found within the AMGB are related to felsic intrusives in the central volcanic belt; and are usually associated with quartz veining, either in brittle transverse fractures within the intrusives or in shear and alteration zones near the contacts of the intrusives. Gold and sulphide mineralization also occur within shear zones in the volcanics and sediments that do not apparently have a close spatial relationship to the intrusives.



#### LEGEND

#### EARLY PRECAMBRIAN EARLY FELSIC IGNEOUS AND METAMORPHIC ROCKSd

Granodiorite, trondhjemite, quartz diorite, quartz monzonite, granite, syenite, 5 quartz and feldspar porphyries, pegma-lite, aplite, undifferentiated migmatite, 5M 5M predominately migmatilic metasediments and minor metavolcanics.

#### KAPUSKASING GRANULITE COMPLEX

Granulite facies metasediments, meta-5 volcanics and granite.

EARLY MAFIC AND ULTRAMAFIC IGNEOUS ROCKS

Diorite, gabbro, norite, pyroxenite, peri-4 dotite, dunite, serpentinite.

#### METASEDIMENTS" f

Conglomerate, greywacke, arkose, orthoquartzile, argililite, slate, marble, chert, iron formation, minor volcanics and related migmatiles. 3

#### METAVOLCANICS FELSIC TO INTERMEDIATE

Rhyolite, rhyodacite and dacite (flows,

tulfs, and breccias), chert, iron forma-tion, minor metasediments and intrusive rocks, and related migmatiles.

#### MAFIC METAVOLCANICSP

Basall, andesite (flows, tuffs and brec-cias), cherl, iron formation, minor meta-1 sediments and intrusive rocks, and re-lated migmatiles.

- a A lew small intrusive bodies of this age have been identified by radiometric age dating methods.
- b May be in part post-Precambrian.
- c Ageneralized distribution of diabase dikes is shown.
- d Formerly classified as Algoman and/or Laurentian.
- e Formerly classified as Grenville and/or Hastings Series.
- f Rocks in these groups are subdivided lithologically and the order does not necessarily imply age re-lationship within or among groups.
- g Includes Osler and Sibley Groups.
- h Includes Gunflint and Rove Formations, and the formations of the Whitewater Group. The White-water Group Formations in the Sudbury area may be of Archean age.
- I Includes Gowganda, Lorrain, Gordon Lake, Bar River Formations.
- k These three groups collectively were formerly classified as Bruce Group. Included in these groups classified as bruce Group. Included in these groups are the Matinenda McKini, Ramsay Lake, Pecors, Mississagi, Bruce, Espanola, Serpent, Aweres Formations. Some of the rock units along the north shore of Lake Huron may be of Archean age. m Formerly classified as Haileyburian.
- n Formerly classified as Timiskaming, Windigokan, Seine, Steeprock, Keewalin, Linklater, Marshall Lake, Manitou, Couchiching.
- P Formerly classified as Keewalin, Windigokan.

#### FIGURE 5.1. REGIONAL GEOLOGY OF THE MINNITAKI LAKE GREENSTONE BELT (FROM OGM MAP 2199)

# 6.0 LOCAL AND PROPERTY GEOLOGY

Johnston (1969) described the geology of the western Minnitaki Lake area in the vicinity of the current Minnitaki Lake Property as follows:

Alternating belts of Precambrian metavolcanics and metasediments are the oldest rocks in the area. The metavolcanics are mainly intermediate to mafic flows with some pyroclastics, and lesser amounts of rhyolite and felsic pyroclastics. The metasediments are mainly greywacke and slate.

Stratigraphic and contact relationships between the metavolcanics and metasediments have not been definitely established. In some places these rocks are separated by a fault, in others the contact is apparently gradational, and in other places there is a suggestion of unconformity or disconformity between some of the metasediments and the metavolcanics.

The metavolcanics are intruded by quartz porphyry in the form of a large oval-shaped mass at the east end of Pickerel Arm and elsewhere as sills of quartz, quartz-feldspar, and feldspar porphyry. Sills of quartz porphyry have also been found locally in the metasediments. Granitic to granodiorite rocks intrude the metavolcanics along the north shore of Kabikwabik Lake and also intrude the metasediments and metavolcanics as dikes and sills along the north shore of Southwest Bay.

The Precambrian rocks have been, in large part, covered by Pleistocene deposits consisting of clay, varved clay, and sand and gravel, and Recent vegetal deposits.

The Minnitaki Lake Property and the surrounding area have been mapped 1:50,000 scale, by the Ontario Geological Survey (Devaney et al. 1994,1995). Regarding the geology in the Minnitaki Lake area, Devaney et al. (1995) state: In the vicinity of central and southern Minnitaki Lake (Johnston 1969), the Central volcanic belt (CVB) consists of a lower (northwest) basalt dominated part, and an upper (southeast) mixed package of mafic lavas, intermediate-felsic pyroclastic rocks, felsic sills and larger intrusive bodies (Sutherland and Colvine 1979), wackes and minor iron formation (magnetite-pyrite-chert). Adjacent to the southeast, the Minnitaki group (MG: Johnston 1969, 1972; Walker and Pettijohn 1971) is a wacke dominant sedimentary unit that was partly influenced by volcanism.

### 7.0 2018 SAMPLING PROGRAM RESULTS

Results from the 2018 sampling program are summarized below in **Table 6.1 and 6.2.** A total of three (3) samples were taken during the program. Results are discussed in **Section 7.** All samples were taken from *in situ* outcrops on October 14 and 15, 2018. Samples were taken using a rock hammer and pick.

| Sample ID | Easting<br>(m) | Northing<br>(m) | Sample<br>Type  | Description   |
|-----------|----------------|-----------------|-----------------|---|
| TC14979   | 573258         | 5537210         | Outcrop<br>Grab | <b>Burnthut Island (Zone 1)</b><br>Surface grab sample from historic channel cut in pale<br>yellow porphyry cutting basalt                                  |
| TC14980   | 572457         | 5537380         | Outcrop<br>Grab | <b>Peninsula west of Burnthut Island (Zone 3)</b><br>Surface grab from historic pit near lake shore; quartz<br>carbonate vein with coarse grains pyrite     |
| TC14981   | 572457         | 5537380         | Outcrop<br>Grab | <b>Peninsula west of Burnthut Island (Zone 3)</b><br>Surface grab of mafic volcanic wall rock with fine grained<br>disseminated pyrite and quartz stringers |

TABLE 7.1. SAMPLE LOCATIONS AND DESCRIPTIONS

#### TABLE 7.2. SAMPLE ASSAYS

| Sample ID | Au (ppb) | Ag (ppm) |
|-----------|----------|----------|
| TC14979   | < 5      | < 0.2    |
| TC14980   | 1150     | 6        |
| TC14981   | 1740     | 11       |

Sampling was carried out under the supervision of Doug Hunter, P.Geo in October, 2018. Samples were submitted to Activation Laboratories in Thunder Bay, Ontario, and subjected to Fire Assay Atomic Absorption (Code 1A2) and Aqua Regia ICP (Code 1E3). Activation Laboratories in Thunder Bay, Ontario is an accredited assay lab with ISO 17025 accreditation.

Assay certificates and standard certificates are shown in **Appendix**. All samples passed lab standard checks and QA/QC verification.

Sample locations are shown in **Figure 7.1**. Photograph of sampling location Zone 3 (Burnthut Peninsula) shown as **Figure 7.2**.



FIGURE 7.1. SAMPLE LOCATIONS



FIGURE 7.2. SAMPLE 14980 AND 14981 SAMPLING LOCATION (ZONE 3 - BURNTHUT PENINSULA).

### 8.0 INTERPRETATION AND CONCLUSIONS

Regionally, the most important gold mineralization is hosted in northeasterly trending structures following along Minnitaki Lake. The gold is associated with quartz veins and stock-work structures, and silicified pyritic zones, which are found in a variety of lithologies; namely, albite-trondhjemite dikes, in porphyry dikes and sills and in altered meta-volcanic rocks. Gold mineralization on the subject claims occurs both in multiple porphyry sills and mafic volcanics. Pyritic, silicified porphyry bodies, and carbonatized and silicified basalt representatives of these types were sampled. Also, quartz veins and veinlets/stringers contain occasional fine-grained to coarse-grained pyrite. This is particularly evident in old prospect pits on a point just west of Burnthut Island.

There are many gold occurrences that remain to be located, prospected and sampled before a definitive plan can be made for follow-up work.

# 9.0 **CERTIFICATE OF QUALIFICATION**

#### Certificate of Qualified Person – Case Lewis, P.Geo.

I, Case Lewis, resident at #20 – 1601 Comox St, Vancouver, BC, Canada hereby certify that:

- I am a geologist affiliated with ClaimHunt Inc., with a business address at #20 1601 Comox St, Vancouver, BC, Canada V6G 1P4. The Report to which this certificate applies is entitled: "Report on Prospecting and Sampling on the Burnthut Property, Ontario" The effective date of this report is March 01, 2019
- I am a graduate of the University of Alberta with a Bachelor of Science Degree (Specialization Geology). I have been a member in good standing and registered Professional Geologist (P.Geo.) with the Association of Professional Geoscientists of Ontario (member #2444) since and a registered Professional Geologist (P.Geo.) since 2013.
- I have relevant experience pertaining to numerous other Ontario greenstone-hosted gold belts over 8 years since 2011. I have been working in mineral exploration for various commodities including graphite, lithium, gold, uranium, zinc, and oil and gas, throughout Canada, United States, China, Mongolia, Peru, and Guyana over the past 11 years.
- I have read the definition of "Qualified Person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional organization (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
- I have read the Instrument and the report has been prepared in compliance with the Instrument.
- As of the date of this certificate, to the best of my knowledge, information and belief, the sections of the report that I am responsible for contain all of the scientific and technical information that is required to be disclosed to make the report not misleading.

Signed and dated March 01, 2019 at Vancouver, British Columbia, Canada.

## "Original Signed and Sealed"

Case Lewis, P.Geo. Professional Geologist (APGO #2444) ClaimHunt Inc.

### 10.0 **References**

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## 11.0 Appendix

Quality Analysis ...



Innovative Technologies

 Date Submitted:
 16-Oct-18

 Invoice No.:
 A18-15096

 Invoice Date:
 09-Nov-18

 Your Reference:
 Value Reference:

BTU Metals 581 Elgar Drive Millbrook Ontario L0A1G0 Canada

ATTN: Doug Hunter

#### **CERTIFICATE OF ANALYSIS**

6 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 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT A18-15096

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:

Emmanuel Eseme , Ph.D. Quality Control

ACTIVATION LABORATORIES LTD. 1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6 TELEPHONE 4807 622-6707 art 1.882 225.5227 FAX +1 905.648.9613 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

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Results

Activation Laboratories Ltd.

Report: A18-15096

| Analyte Symbol | Au    | Ag     | Cd     | Cu      | Mn     | Мо     | Ni     | Pb     | Zn     | Al     | As     | В      | Ва     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | К      | La     |
|----------------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppb   | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | %      | ppm    | ppm    | ppm    | ppm    | ppm    | %      | ppm    | ppm    | %      | ppm    | ppm    | %      | ppm    |
| Lower Limit    | 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     | 1      | 0.01   | 10     |
| Method Code    | FA-AA | 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 | AR-ICP | AR-ICP | AR-ICP |
| TC14976        | 1730  | 27.9   | 21.4   | > 10000 | 874    | 2      | 242    | 76     | 490    | 0.15   | 88     | < 10   | < 10   | < 0.5  | 9      | 4.61   | 156    | 20     | 3.92   | < 10   | < 1    | < 0.01 | < 10   |
| TC14977        | 86    | 8.7    | 17.4   | 3880    | 217    | 2      | 33     | 9      | 534    | 0.26   | 14     | < 10   | 35     | < 0.5  | 6      | 0.55   | 19     | 36     | 1.41   | < 10   | < 1    | 0.13   | < 10   |
| TC14978        | 2070  | 35.6   | 18.6   | 9550    | 626    | 3      | 62     | 466    | 596    | 0.35   | 46     | < 10   | 38     | < 0.5  | 7      | 2.90   | 142    | 34     | 2.52   | < 10   | < 1    | 0.17   | < 10   |
| TC14979        | < 5   | < 0.2  | < 0.5  | 21      | 624    | < 1    | 104    | 5      | 95     | 1.30   | 39     | < 10   | 30     | < 0.5  | < 2    | 2.20   | 20     | 332    | 2.70   | < 10   | < 1    | 0.03   | < 10   |
| TC14980        | 1150  | 6.0    | < 0.5  | 15      | 317    | 54     | 3      | 12     | 16     | 0.38   | 3      | < 10   | 11     | < 0.5  | < 2    | 0.40   | 6      | 19     | 2.68   | < 10   | < 1    | 0.01   | < 10   |
| TC14981        | 1740  | 11.0   | < 0.5  | 146     | 921    | 41     | 14     | 10     | 89     | 2.46   | 5      | < 10   | 14     | < 0.5  | 3      | 2.11   | 28     | 6      | 11.4   | 10     | < 1    | 0.44   | < 10   |

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Results

Activation Laboratories Ltd.

Report: A18-15096

| Analyte Symbol | Mg     | Na     | Р      | S      | Sb     | Sc     | Sr     | Ti     | Th     | Те     | TI     | U      | V      | W      | Y      | Zr     |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | %      | %      | %      | %      | ppm    | ppm    | ppm    | %      | ppm    |
| Lower Limit    | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 20     | 1      | 2      | 10     | 1      | 10     | 1      | 1      |
| Method Code    | AR-ICP |
| TC14976        | 0.11   | 0.027  | 0.023  | 2.99   | 4      | < 1    | 21     | 0.02   | < 20   | 5      | < 2    | < 10   | 7      | < 10   | 1      | 2      |
| TC14977        | 0.24   | 0.023  | 0.008  | 0.40   | <2     | 1      | 4      | 0.03   | < 20   | < 1    | < 2    | < 10   | 11     | < 10   | < 1    | 1      |
| TC14978        | 0.33   | 0.023  | 0.015  | 1.53   | 5      | < 1    | 13     | 0.04   | < 20   | 2      | < 2    | < 10   | 12     | < 10   | < 1    | < 1    |
| TC14979        | 2.30   | 0.087  | 0.021  | < 0.01 | <2     | 6      | 95     | < 0.01 | < 20   | < 1    | < 2    | < 10   | 44     | < 10   | 1      | 6      |
| TC14980        | 0.30   | 0.047  | 0.019  | 1.15   | < 2    | 5      | 9      | 0.11   | < 20   | 5      | < 2    | < 10   | 36     | < 10   | 2      | 4      |
| TC14981        | 2.15   | 0.075  | 0.097  | 4.30   | 3      | 31     | 60     | 0.37   | < 20   | 6      | < 2    | < 10   | 228    | < 10   | 13     | 18     |

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QC

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| Analyte Symbol                    | Au    | Ag     | Cd     | Cu     | Mn     | Мо     | Ni     | Pb     | Zn      | Al     | As     | В      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | к      | La     |
|-----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                       | ppb   | ppm     | %      | ppm    | ppm    | ppm    | ppm    | ppm    | %      | ppm    | ppm    | %      | ppm    | ppm    | %      | ppm    |
| Lower Limit                       | 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     | 1      | 0.01   | 10     |
| Method Code                       | FA-AA | 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 |
| OREAS 904<br>(Aqua Regia)<br>Meas |       | 0.3    | < 0.5  | 6180   | 466    | 2      | 37     | 10     | 26      | 2.09   | 98     |        | 78     | 7.8    | 6      | 0.05   | 95     | 27     | 6.49   | < 10   |        | 0.99   | 41     |
| OREAS 904<br>(Aqua Regia) Cert    | ť     | 0.366  | 0.0580 | 6300   | 410    | 2.02   | 36.6   | 8.49   | 22.4    | 1.25   | 91.0   |        | 68.0   | 6.54   | 3.74   | 0.0404 | 82.0   | 17.5   | 6.40   | 3.40   |        | 0.603  | 33.9   |
| OREAS 922<br>(AQUA REGIA)<br>Meas |       | 1.1    | < 0.5  | 2200   | 805    | < 1    | 37     | 57     | 278     | 3.06   | 7      |        | 85     | 0.8    | 7      | 0.42   | 17     | 47     | 5.31   | < 10   |        | 0.54   | 38     |
| OREAS 922<br>(AQUA REGIA)<br>Cert |       | 0.851  | 0.28   | 2176   | 730    | 0.69   | 34.3   | 60     | 256     | 2.72   | 6.12   |        | 70     | 0.65   | 10.3   | 0.324  | 19.4   | 40.7   | 5.05   | 7.62   |        | 0.376  | 32.5   |
| OREAS 923<br>(AQUA REGIA)<br>Meas |       | 1.6    | < 0.5  | 4350   | 921    | < 1    | 35     | 77     | 356     | 3.11   | 9      |        | 70     | 0.7    | 21     | 0.42   | 19     | 45     | 6.21   | < 10   |        | 0.47   | 36     |
| OREAS 923<br>(AQUA REGIA)<br>Cert |       | 1.62   | 0.40   | 4248   | 850    | 0.84   | 32.7   | 81     | 335     | 2.80   | 7.07   |        | 54     | 0.61   | 21.8   | 0.326  | 22.2   | 39.4   | 5.91   | 8.01   |        | 0.322  | 30.0   |
| OREAS 520<br>(Aqua Regia)<br>Meas |       |        |        | 2980   | 2120   | 56     | 74     | 7      | 21      | 1.65   | 142    |        |        | 0.6    | 4      | 3.53   | 178    | 36     | 16.8   | 10     |        | 0.52   | 68     |
| OREAS 520<br>(Aqua Regia) Cert    | t     | 9      |        | 2960   | 2280   | 62.0   | 73.0   | 5.22   | 20.7    | 1.56   | 152    |        |        | 0.540  | 2.90   | 3.84   | 196    | 37.4   | 15.74  | 13.7   |        | 0.506  | 83.0   |
| OREAS 254 Meas                    | 2620  |        |        |        |        |        |        |        | 2<br>   |        |        | 10     |        |        |        | 5      |        |        |        |        |        |        |        |
| OREAS 254 Cert                    | 2550  |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 217 (Fire<br>Assay) Meas    | 346   |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 217 (Fire<br>Assay) Cert    | 338   |        |        |        |        | 8      |        |        | 3       |        |        |        |        |        |        | 2      |        |        | 1      |        |        |        |        |
| Oreas 621 (Aqua<br>Regia) Meas    |       | 68.9   | 298    | 3600   | 570    | 15     | 31     | > 5000 | > 10000 | 1.95   | 81     |        |        | 0.7    | 7      | 1.70   | 31     | 37     | 3.58   | 10     | 4      | 0.42   | 21     |
| Oreas 621 (Aqua<br>Regia) Cert    |       | 68.0   | 278    | 3660   | 520    | 13.3   | 25.8   | 13600  | 51700   | 1.60   | 75.0   |        |        | 0.530  | 3.85   | 1.65   | 27.9   | 31.3   | 3.43   | 9.29   | 3.93   | 0.333  | 19.4   |
| TC14980 Orig                      | 1140  |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| TC14980 Dup                       | 1150  |        |        |        |        |        |        | 1      |         |        |        |        |        | 1      | Î –    |        |        | 1      | 1      |        |        | Ĩ      |        |
| Method Blank                      | < 5   |        |        |        |        |        |        |        |         |        |        |        |        |        | 1      |        |        | 1      |        |        |        | 1      |        |
| Method Blank                      |       | < 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   | < 1    | < 0.01 | < 10   |

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QC

#### Activation Laboratories Ltd.

#### Report: A18-15096

| Analyte Symbol                    | Mg     | Na     | Р       | S      | Sb     | Sc     | Sr     | Ti     | Th     | Те     | TI     | U      | V      | W      | Y      | Zr     |
|-----------------------------------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                       | %      | %      | %       | %      | ppm    | ppm    | ppm    | %      | ppm    |
| Lower Limit                       | 0.01   | 0.001  | 0.001   | 0.01   | 2      | 1      | 1      | 0.01   | 20     | 1      | 2      | 10     | 1      | 10     | 1      | 1      |
| 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 |
| OREAS 904<br>(Aqua Regia)<br>Meas | 0.24   | 19     | 0.100   | 0.04   | 3      | 5      | 20     |        | < 20   |        | < 2    | < 10   | 34     |        | 17     | 3      |
| OREAS 904<br>(Aqua Regia) Cert    | 0.143  |        | 0.0950  | 0.0340 | 0.780  | 3.83   | 16.5   |        | 7.56   |        | 0.150  | 5.20   | 21.7   |        | 17.2   |        |
| OREAS 922<br>(AQUA REGIA)<br>Meas | 1.46   | 0.033  | 0.063   | 0.35   | 2      | 4      | 17     |        | < 20   |        | < 2    | < 10   | 37     | < 10   | 19     | 10     |
| OREAS 922<br>(AQUA REGIA)<br>Cert | 1.33   | 0.021  | 0.063   | 0.386  | 0.57   | 3.15   | 15.0   |        | 14.5   |        | 0.14   | 1.98   | 29.4   | 1.12   | 16.0   | 22.3   |
| OREAS 923<br>(AQUA REGIA)<br>Meas | 1.57   |        | 0.060   | 0.63   | 2      | 4      | 15     |        | < 20   |        | < 2    | < 10   | 36     | < 10   | 17     | 16     |
| OREAS 923<br>(AQUA REGIA)<br>Cert | 1.43   |        | 0.061   | 0.684  | 0.58   | 3.09   | 13.6   |        | 14.3   |        | 0.12   | 1.80   | 30.6   | 1.96   | 14.3   | 22.5   |
| OREAS 520<br>(Aqua Regia)<br>Meas | 1.25   | 0.071  | 0.072   | 0.86   | 6      | 12     | 31     | 0.16   | < 20   | < 1    | < 2    | < 10   | 234    | 26     | 11     | 34     |
| OREAS 520<br>(Aqua Regia) Cert    | 1.14   | 0.0520 | 0.0740  | 1.03   | 1.97   | 11.8   | 36.0   | 0.135  | 8.03   | 0.33   | 0.0900 | 14.9   | 247    | 29.6   | 14.3   | 28.0   |
| OREAS 254 Meas                    |        |        |         |        |        |        |        |        |        |        |        |        | -      |        |        | 3<br>  |
| OREAS 254 Cert                    |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 217 (Fire<br>Assay) Meas    |        |        |         |        |        |        |        |        |        |        |        | 0      |        |        |        |        |
| OREAS 217 (Fire<br>Assay) Cert    |        |        |         |        | 2      |        |        |        | 2      |        |        |        |        |        |        | 5      |
| Oreas 621 (Aqua<br>Regia) Meas    | 0.50   | 0.199  | 0.034   | 4.79   | 121    | 3      | 20     |        | < 20   |        | < 2    | < 10   | 14     | < 10   | 7      | 56     |
| Oreas 621 (Aqua<br>Regia) Cert    | 0.436  | 0.160  | 0.0335  | 4.50   | 107    | 2.20   | 18.9   |        | 5.91   |        | 0.770  | 1.63   | 10.9   | 1.00   | 6.87   | 55.0   |
| TC14980 Orig                      |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |
| TC14980 Dup                       |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                      |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                      | < 0.01 | 0.013  | < 0.001 | < 0.01 | < 2    | < 1    | < 1    | < 0.01 | < 20   | < 1    | < 2    | < 10   | < 1    | < 10   | < 1    | < 1    |

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