



**BUREAU** MINERAL LABORATORIES  
**VERITAS** Canada

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Bureau Veritas Commodities Canada Ltd.  
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada  
PHONE (604) 253-3158

**Client:** **Tectonic Metals Inc.**  
595 Burrard St.  
Suite 2600  
Vancouver British Columbia V7X 1L7 Canada

Submitted By: Greg Dawson  
Receiving Lab: Canada-Whitehorse  
Received: November 05, 2018  
Report Date: November 13, 2018  
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## CERTIFICATE OF ANALYSIS

WHI18001127.1

### CLIENT JOB INFORMATION

Project: MCQ  
Shipment ID: MCQ181021-01-SOIL  
P.O. Number  
Number of Samples: 14

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ground Truth Exploration Inc.  
Box 70  
Dawson Yukon Y0B 1G0  
Canada

CC: Riley Millington  
Ben McGrath  
Eric Buitenhuis  
Isaac Fage

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description                                 | Test Wgt (g) | Report Status | Lab |
|----------------|-------------------|--|--------------|---------------|-----|
| DY060          | 14                | Dry at 60C                                       |              |               | WHI |
| SS80           | 14                | Dry at 60C sieve 100g to -80 mesh                |              |               | WHI |
| AQ201-U        | 14                | 1:1:1 Aqua Regia digestion ICP-MS analysis       | 15           | Completed     | VAN |
| DISPL          | 14                | Disposal of pulps                                |              |               | VAN |
| SHP01          | 14                | Per sample shipping charges for branch shipments |              |               | VAN |

### ADDITIONAL COMMENTS

  
JEFFREY CANNON  
Geochemistry Department Supervisor

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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# CERTIFICATE OF ANALYSIS

WHI18001127.1

|         | Method<br>Analyte<br>Unit<br>MDL | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         |                                  | Mo    | Cu    | Pb    | Zn    | Ag    | Ni    | Co    | Mn    | Fe    | As    | U     | Au    | Th    | Sr    | Cd    | Sb    | Bi    | V     | Ca    | P     |
|         |                                  | ppm   | ppm   | ppm   | ppm   | ppm   | ppm   | ppm   | ppm   | %     | ppm   | ppm   | ppb   | ppm   | ppm   | ppm   | ppm   | ppm   | ppm   | %     | %     |
|         |                                  | 0.1   | 0.1   | 0.1   | 1     | 0.1   | 0.1   | 0.1   | 1     | 0.01  | 0.5   | 0.1   | 0.5   | 0.1   | 1     | 0.1   | 0.1   | 0.1   | 2     | 0.01  | 0.001 |
| 1598747 | Soil                             | 1.2   | 18.3  | 9.6   | 54    | <0.1  | 20.0  | 6.9   | 155   | 2.35  | 13.1  | 0.5   | 46.4  | 4.4   | 10    | <0.1  | 1.1   | 0.2   | 36    | 0.09  | 0.067 |
| 1598749 | Soil                             | 1.2   | 22.6  | 8.9   | 57    | <0.1  | 24.8  | 8.4   | 180   | 2.38  | 10.5  | 0.8   | 33.2  | 6.7   | 13    | <0.1  | 1.0   | 0.2   | 31    | 0.14  | 0.070 |
| 1477016 | Soil                             | 0.5   | 6.2   | 10.2  | 23    | <0.1  | 6.0   | 2.4   | 67    | 1.46  | 7.2   | 0.4   | 1.5   | 1.1   | 6     | <0.1  | 0.3   | 0.2   | 38    | 0.05  | 0.031 |
| 1477017 | Soil                             | 1.0   | 14.4  | 9.9   | 44    | <0.1  | 13.2  | 6.7   | 209   | 2.37  | 12.3  | 0.8   | 4.0   | 4.9   | 7     | <0.1  | 0.7   | 0.2   | 44    | 0.05  | 0.028 |
| 1477018 | Soil                             | 0.8   | 18.6  | 12.3  | 49    | <0.1  | 17.2  | 7.7   | 212   | 2.41  | 14.4  | 0.8   | 4.6   | 5.1   | 7     | <0.1  | 0.9   | 0.2   | 37    | 0.05  | 0.020 |
| 1598748 | Soil                             | 1.2   | 21.6  | 7.7   | 63    | <0.1  | 26.0  | 8.0   | 149   | 2.21  | 10.7  | 0.7   | 2.5   | 5.2   | 14    | 0.1   | 1.1   | 0.2   | 32    | 0.14  | 0.069 |
| 1477019 | Soil                             | 0.8   | 20.0  | 9.9   | 47    | <0.1  | 18.1  | 7.5   | 191   | 2.17  | 14.2  | 0.7   | 2.2   | 4.8   | 7     | <0.1  | 1.0   | 0.2   | 34    | 0.05  | 0.023 |
| 1599351 | Soil                             | 0.9   | 17.9  | 8.6   | 43    | <0.1  | 16.1  | 7.2   | 167   | 2.15  | 10.1  | 0.6   | 1.8   | 3.8   | 12    | <0.1  | 0.7   | 0.2   | 37    | 0.11  | 0.040 |
| 1599352 | Soil                             | 1.6   | 35.7  | 12.0  | 65    | <0.1  | 23.2  | 8.8   | 235   | 2.87  | 10.4  | 1.6   | 1.9   | 10.7  | 22    | 0.1   | 1.1   | 0.3   | 30    | 0.12  | 0.047 |
| 1599353 | Soil                             | 0.8   | 16.9  | 7.5   | 42    | <0.1  | 17.2  | 7.0   | 171   | 1.91  | 10.0  | 0.6   | 0.5   | 5.1   | 13    | <0.1  | 0.7   | 0.1   | 32    | 0.15  | 0.041 |
| 1599354 | Soil                             | 0.9   | 23.2  | 8.7   | 47    | <0.1  | 19.5  | 7.3   | 168   | 2.22  | 11.8  | 1.0   | 1.8   | 7.5   | 14    | <0.1  | 0.9   | 0.2   | 30    | 0.14  | 0.039 |
| 1599355 | Soil                             | 1.1   | 45.2  | 14.1  | 81    | 0.1   | 32.7  | 12.8  | 246   | 3.63  | 11.5  | 2.2   | 3.5   | 15.2  | 19    | <0.1  | 1.0   | 0.3   | 24    | 0.13  | 0.037 |
| 1699023 | Soil                             | 0.6   | 11.6  | 6.5   | 42    | <0.1  | 18.0  | 5.7   | 123   | 1.44  | 8.7   | 0.4   | <0.5  | 3.9   | 8     | 0.1   | 0.7   | 0.1   | 23    | 0.07  | 0.087 |
| 1699024 | Soil                             | 0.6   | 12.5  | 5.9   | 42    | <0.1  | 15.9  | 5.5   | 221   | 1.26  | 8.2   | 0.5   | 0.5   | 3.3   | 12    | 0.2   | 0.7   | 0.1   | 18    | 0.11  | 0.065 |



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# CERTIFICATE OF ANALYSIS

WHI18001127.1

|         | Method<br>Analyte<br>Unit<br>MDL | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         |                                  | La    | Cr    | Mg    | Ba    | Ti    | B     | Al    | Na    | K     | W     | Hg    | Sc    | Tl    | S     | Ga    | Se    | Te    |
|         |                                  | ppm   | ppm   | %     | ppm   | %     | ppm   | %     | %     | %     | ppm   | ppm   | ppm   | ppm   | %     | ppm   | ppm   | ppm   |
|         |                                  | 1     | 1     | 0.01  | 1     | 0.001 | 1     | 0.01  | 0.001 | 0.01  | 0.1   | 0.01  | 0.1   | 0.1   | 0.05  | 1     | 0.5   | 0.2   |
| 1598747 | Soil                             | 12    | 19    | 0.30  | 124   | 0.016 | 2     | 1.03  | 0.003 | 0.05  | 0.4   | 0.01  | 1.8   | <0.1  | <0.05 | 3     | <0.5  | <0.2  |
| 1598749 | Soil                             | 18    | 19    | 0.32  | 135   | 0.016 | 1     | 0.97  | 0.004 | 0.05  | 0.5   | 0.05  | 1.9   | <0.1  | <0.05 | 3     | <0.5  | <0.2  |
| 1477016 | Soil                             | 11    | 15    | 0.20  | 98    | 0.018 | <1    | 0.91  | 0.004 | 0.02  | 0.2   | 0.02  | 1.2   | <0.1  | <0.05 | 5     | <0.5  | <0.2  |
| 1477017 | Soil                             | 14    | 24    | 0.35  | 153   | 0.030 | 1     | 1.32  | 0.005 | 0.03  | 0.2   | 0.02  | 3.1   | 0.1   | <0.05 | 4     | <0.5  | <0.2  |
| 1477018 | Soil                             | 14    | 23    | 0.36  | 158   | 0.025 | 1     | 1.25  | 0.005 | 0.04  | 0.2   | 0.03  | 3.3   | <0.1  | <0.05 | 3     | <0.5  | <0.2  |
| 1598748 | Soil                             | 15    | 18    | 0.31  | 133   | 0.016 | 2     | 0.95  | 0.004 | 0.05  | 0.5   | 0.02  | 1.9   | <0.1  | <0.05 | 2     | <0.5  | <0.2  |
| 1477019 | Soil                             | 16    | 20    | 0.31  | 137   | 0.022 | <1    | 1.07  | 0.004 | 0.04  | 0.3   | 0.01  | 2.6   | <0.1  | <0.05 | 3     | <0.5  | <0.2  |
| 1599351 | Soil                             | 13    | 21    | 0.34  | 257   | 0.019 | <1    | 1.22  | 0.005 | 0.03  | 0.2   | 0.02  | 2.1   | <0.1  | <0.05 | 3     | <0.5  | <0.2  |
| 1599352 | Soil                             | 30    | 19    | 0.41  | 234   | 0.016 | <1    | 1.09  | 0.006 | 0.04  | 0.2   | 0.03  | 2.5   | <0.1  | <0.05 | 3     | <0.5  | <0.2  |
| 1599353 | Soil                             | 13    | 18    | 0.28  | 144   | 0.030 | 2     | 0.77  | 0.006 | 0.07  | 0.2   | 0.01  | 2.4   | <0.1  | <0.05 | 2     | <0.5  | <0.2  |
| 1599354 | Soil                             | 20    | 17    | 0.33  | 137   | 0.021 | <1    | 0.80  | 0.005 | 0.07  | 0.1   | 0.02  | 2.6   | <0.1  | <0.05 | 2     | <0.5  | <0.2  |
| 1599355 | Soil                             | 32    | 16    | 0.27  | 178   | 0.007 | <1    | 0.82  | 0.007 | 0.07  | 0.1   | 0.05  | 2.9   | <0.1  | <0.05 | 3     | <0.5  | <0.2  |
| 1699023 | Soil                             | 9     | 12    | 0.20  | 123   | 0.008 | 1     | 0.72  | 0.002 | 0.03  | <0.1  | <0.01 | 1.4   | <0.1  | <0.05 | 2     | <0.5  | <0.2  |
| 1699024 | Soil                             | 11    | 10    | 0.21  | 129   | 0.009 | <1    | 0.53  | 0.003 | 0.04  | <0.1  | <0.01 | 1.4   | <0.1  | <0.05 | 1     | <0.5  | <0.2  |



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## QUALITY CONTROL REPORT

WHI18001127.1

| Method<br>Analyte<br>Unit<br>MDL |          | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201  |
|----------------------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|                                  |          | Mo    | Cu    | Pb    | Zn    | Ag    | Ni    | Co    | Mn    | Fe    | As    | U     | Au    | Th    | Sr    | Cd    | Sb    | Bi    | V     | Ca    | P      |
|                                  |          | ppm   | ppm   | ppm   | ppm   | ppm   | ppm   | ppm   | ppm   | %     | ppm   | ppm   | ppb   | ppm   | ppm   | ppm   | ppm   | ppm   | ppm   | %     | %      |
|                                  |          | 0.1   | 0.1   | 0.1   | 1     | 0.1   | 0.1   | 0.1   | 1     | 0.01  | 0.5   | 0.1   | 0.5   | 0.1   | 1     | 0.1   | 0.1   | 0.1   | 2     | 0.01  | 0.001  |
| Pulp Duplicates                  |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 1477018                          | Soil     | 0.8   | 18.6  | 12.3  | 49    | <0.1  | 17.2  | 7.7   | 212   | 2.41  | 14.4  | 0.8   | 4.6   | 5.1   | 7     | <0.1  | 0.9   | 0.2   | 37    | 0.05  | 0.020  |
| REP 1477018                      | QC       | 0.8   | 19.3  | 12.8  | 50    | <0.1  | 18.1  | 8.2   | 220   | 2.44  | 14.7  | 0.8   | 2.3   | 5.4   | 7     | <0.1  | 0.9   | 0.2   | 38    | 0.05  | 0.020  |
| Reference Materials              |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
| STD DS11                         | Standard | 15.1  | 163.4 | 145.9 | 349   | 1.7   | 80.9  | 14.6  | 1031  | 3.22  | 45.3  | 2.7   | 74.0  | 8.1   | 64    | 2.5   | 9.5   | 12.1  | 54    | 1.01  | 0.075  |
| STD OREAS262                     | Standard | 0.7   | 117.1 | 57.6  | 142   | 0.4   | 60.7  | 27.9  | 527   | 3.31  | 36.3  | 1.2   | 75.0  | 9.0   | 35    | 0.6   | 6.2   | 1.0   | 20    | 2.87  | 0.039  |
| STD OXC129                       | Standard | 1.4   | 30.5  | 7.0   | 42    | <0.1  | 82.8  | 22.3  | 421   | 3.19  | 0.6   | 0.8   | 192.7 | 2.0   | 189   | <0.1  | <0.1  | <0.1  | 57    | 0.66  | 0.107  |
| STD OXC129 Expected              |          | 1.3   | 28    | 6.2   | 42.9  |       | 79.5  | 20.3  | 421   | 3.065 | 0.6   | 0.69  | 195   | 1.9   |       |       |       |       | 51    | 0.684 | 0.102  |
| STD DS11 Expected                |          | 14.6  | 149   | 138   | 345   | 1.71  | 77.7  | 14.2  | 1055  | 3.1   | 42.8  | 2.59  | 79    | 7.65  | 67.3  | 2.37  | 8.74  | 12.2  | 50    | 1.063 | 0.0701 |
| BLK                              | Blank    | <0.1  | <0.1  | <0.1  | <1    | <0.1  | <0.1  | <0.1  | <1    | 0.02  | <0.5  | <0.1  | <0.5  | <0.1  | <1    | <0.1  | <0.1  | <0.1  | <2    | <0.01 | <0.001 |



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## QUALITY CONTROL REPORT

WHI18001127.1

| Method<br>Analyte<br>Unit<br>MDL |          | AQ201 | AQ201 | AQ201 | AQ201 | AQ201  | AQ201 | AQ201  | AQ201  | AQ201  | AQ201 | AQ201 | AQ201 | AQ201 | AQ201  | AQ201 | AQ201 | AQ201 |
|----------------------------------|----------|-------|-------|-------|-------|--------|-------|--------|--------|--------|-------|-------|-------|-------|--------|-------|-------|-------|
|                                  |          | La    | Cr    | Mg    | Ba    | Ti     | B     | Al     | Na     | K      | W     | Hg    | Sc    | Tl    | S      | Ga    | Se    | Te    |
|                                  |          | ppm   | ppm   | %     | ppm   | %      | ppm   | %      | %      | %      | ppm   | ppm   | ppm   | ppm   | %      | ppm   | ppm   | ppm   |
|                                  |          | 1     | 1     | 0.01  | 1     | 0.001  | 1     | 0.01   | 0.001  | 0.01   | 0.1   | 0.01  | 0.1   | 0.1   | 0.05   | 1     | 0.5   | 0.2   |
| Pulp Duplicates                  |          |       |       |       |       |        |       |        |        |        |       |       |       |       |        |       |       |       |
| 1477018                          | Soil     | 14    | 23    | 0.36  | 158   | 0.025  | 1     | 1.25   | 0.005  | 0.04   | 0.2   | 0.03  | 3.3   | <0.1  | <0.05  | 3     | <0.5  | <0.2  |
| REP 1477018                      | QC       | 15    | 25    | 0.37  | 158   | 0.028  | <1    | 1.33   | 0.004  | 0.04   | 0.2   | 0.02  | 3.4   | 0.1   | <0.05  | 4     | <0.5  | <0.2  |
| Reference Materials              |          |       |       |       |       |        |       |        |        |        |       |       |       |       |        |       |       |       |
| STD DS11                         | Standard | 19    | 63    | 0.80  | 360   | 0.094  | 8     | 1.11   | 0.064  | 0.37   | 3.1   | 0.24  | 3.4   | 5.0   | 0.28   | 5     | 2.2   | 4.8   |
| STD OREAS262                     | Standard | 15    | 42    | 1.05  | 248   | 0.002  | 4     | 1.10   | 0.061  | 0.27   | 0.2   | 0.15  | 3.2   | 0.5   | 0.24   | 4     | <0.5  | 0.2   |
| STD OXC129                       | Standard | 13    | 55    | 1.51  | 52    | 0.405  | 1     | 1.56   | 0.579  | 0.36   | <0.1  | <0.01 | 0.9   | <0.1  | <0.05  | 6     | <0.5  | <0.2  |
| STD OXC129 Expected              |          | 12.5  | 52    | 1.545 | 50    | 0.4    | 1     | 1.58   | 0.59   | 0.3655 |       |       | 1.1   |       |        | 5.5   |       |       |
| STD DS11 Expected                |          | 18.6  | 61.5  | 0.85  | 385   | 0.0976 |       | 1.1795 | 0.0762 | 0.4    | 2.9   | 0.26  | 3.4   | 4.9   | 0.2835 | 5.1   | 2.2   | 4.56  |
| BLK                              | Blank    | <1    | <1    | <0.01 | <1    | <0.001 | <1    | <0.01  | <0.001 | <0.01  | <0.1  | <0.01 | <0.1  | <0.1  | <0.05  | <1    | <0.5  | <0.2  |