



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

**Client:** **Great Western Minerals Group Ltd.**  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: August 25, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000256.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-011  
P.O. Number  
Number of Samples: 16

### SAMPLE DISPOSAL

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

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

Invoice To: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description                            | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| SS80        | 16                | Dry at 60C sieve 100g to -80 mesh           |              |               | WHI |
| Dry at 60C  | 16                | Dry at 60C                                  |              |               | WHI |
| 1T          | 16                | 4 Acid digestion Ultratrace ICP-MS analysis | 0.25         | Completed     | VAN |

### ADDITIONAL COMMENTS



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. Acme assumes the liabilities for actual cost of analysis only.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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**Project:** True Blue  
**Report Date:** August 25, 2010

**Page:** 2 of 2 **Part** 1

## CERTIFICATE OF ANALYSIS

WHI10000256.1

|        | Method<br>Analyte<br>Unit<br>MDL | 1T          | 1T          | 1T          | 1T         | 1T        | 1T         | 1T         | 1T       | 1T        | 1T         | 1T         | 1T         | 1T         | 1T       | 1T          | 1T          | 1T          | 1T       | 1T        |
|--------|----------------------------------|-------------|-------------|-------------|------------|-----------|------------|------------|----------|-----------|------------|------------|------------|------------|----------|-------------|-------------|-------------|----------|-----------|
|        |                                  | Mo          | Cu          | Pb          | Zn         | Ag        | Ni         | Co         | Mn       | Fe        | As         | U          | Au         | Th         | Sr       | Cd          | Sb          | Bi          | V        | Ca        |
|        |                                  | ppm<br>0.05 | ppm<br>0.02 | ppm<br>0.02 | ppm<br>0.2 | ppb<br>20 | ppm<br>0.1 | ppm<br>0.2 | ppm<br>2 | %<br>0.02 | ppm<br>0.2 | ppm<br>0.1 | ppm<br>0.1 | ppm<br>0.1 | ppm<br>1 | ppm<br>0.02 | ppm<br>0.02 | ppm<br>0.04 | ppm<br>1 | %<br>0.02 |
| 333062 | Silt                             | 6.21        | 18.75       | 39.85       | 148.3      | <20       | 13.5       | 10.9       | 797      | 4.74      | 12.1       | 3.0        | <0.1       | 17.8       | 142      | 0.80        | 2.45        | 0.13        | 78       | 0.87      |
| 333064 | Silt                             | 8.53        | 49.33       | 63.74       | 6879       | *         | 71.8       | 11.0       | 4470     | 6.00      | 27.2       | 4.0        | <0.1       | 21.4       | 44       | 60.39       | 7.02        | 0.27        | 48       | 0.59      |
| 333066 | Silt                             | 7.60        | 42.42       | 56.62       | 6070       | *         | 66.2       | 10.5       | 4207     | 5.41      | 22.0       | 3.8        | <0.1       | 21.6       | 47       | 52.04       | 5.72        | 0.23        | 47       | 0.71      |
| 333068 | Silt                             | 16.18       | 29.15       | 48.36       | 162.8      | <20       | 13.8       | 12.9       | 2722     | 5.07      | 16.4       | 20.2       | <0.1       | 38.4       | 359      | 1.40        | 1.03        | 0.51        | 61       | 1.66      |
| 333070 | Silt                             | 6.90        | 19.04       | 62.28       | 206.4      | *         | 40.3       | 13.1       | 1061     | 5.37      | 27.5       | 11.4       | <0.1       | 29.0       | 254      | 0.90        | 1.13        | 0.22        | 96       | 2.70      |
| 333072 | Silt                             | 11.68       | 10.11       | 36.17       | 169.4      | <20       | 16.6       | 7.9        | 1476     | 5.02      | 19.4       | 5.1        | <0.1       | 18.4       | 83       | 1.09        | 2.22        | 0.53        | 109      | 1.12      |
| 333074 | Silt                             | 7.03        | 8.03        | 7.42        | 100.6      | <20       | 35.8       | 9.2        | 529      | 3.85      | 5.6        | 9.4        | <0.1       | 15.8       | 149      | 0.36        | 0.84        | 0.28        | 278      | 0.88      |
| 333076 | Silt                             | 22.37       | 14.75       | 24.29       | 106.3      | *         | 24.3       | 15.7       | 1166     | 6.93      | 18.5       | 5.5        | <0.1       | 27.2       | 58       | 0.63        | 2.20        | 0.86        | 86       | 0.59      |
| 333078 | Silt                             | 8.89        | 36.68       | 79.26       | 140.7      | 481       | 45.0       | 13.8       | 380      | 4.04      | 148.4      | 3.0        | <0.1       | 10.8       | 145      | 0.81        | 3.86        | 0.46        | 304      | 0.69      |
| 333080 | Silt                             | 11.55       | 9.75        | 105.4       | 759.1      | *         | 15.8       | 5.1        | 1880     | 5.68      | 29.5       | 5.1        | <0.1       | 21.6       | 103      | 4.79        | 1.87        | 0.27        | 75       | 0.65      |
| 333082 | Silt                             | 17.06       | 17.67       | 135.9       | 712.0      | *         | 40.1       | 5.8        | 2026     | 5.81      | 296.5      | 9.4        | <0.1       | 24.3       | 47       | 4.71        | 6.48        | 0.58        | 401      | 0.75      |
| 333084 | Silt                             | 17.45       | 56.15       | 765.5       | 730.4      | 5720      | 20.5       | 7.1        | 2136     | 7.90      | 1433       | 17.4       | <0.1       | 47.8       | 52       | 3.39        | 38.63       | 6.95        | 284      | 0.30      |
| 333086 | Silt                             | 21.45       | 80.48       | 787.9       | 771.8      | 6070      | 21.4       | 12.1       | 3656     | 9.47      | 1289       | 26.4       | <0.1       | 85.0       | 49       | 3.56        | 39.39       | 10.73       | 240      | 0.31      |
| 333088 | Silt                             | 29.56       | 82.87       | 725.0       | 2224       | 5261      | 49.4       | 15.7       | 8426     | 8.38      | 1255       | 21.3       | <0.1       | 55.0       | 49       | 21.25       | 36.70       | 6.42        | 222      | 0.35      |
| 333090 | Silt                             | 71.70       | 124.8       | 858.9       | 5819       | 7086      | 141.1      | 32.2       | >10000   | 8.08      | 1148       | 32.1       | <0.1       | 58.5       | 56       | 72.12       | 46.03       | 7.08        | 209      | 0.45      |
| 333092 | Silt                             | 37.02       | 91.62       | 640.5       | 4677       | 3700      | 103.3      | 26.1       | >10000   | 6.64      | 850.0      | 23.1       | <0.1       | 45.5       | 65       | 50.04       | 26.41       | 4.57        | 199      | 0.53      |



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**Project:** True Blue  
**Report Date:** August 25, 2010

**Page:** 2 of 2 **Part** 2

## CERTIFICATE OF ANALYSIS

WHI10000256.1

|        | Method<br>Analyte<br>Unit<br>MDL | 1T    | 1T  | 1T   | 1T   | 1T    | 1T   | 1T    | 1T   | 1T  | 1T    | 1T   | 1T  | 1T   | 1T    | 1T    | 1T    | 1T    | 1T    | 1T   |
|--------|----------------------------------|-------|-----|------|------|-------|------|-------|------|-----|-------|------|-----|------|-------|-------|-------|-------|-------|------|
|        |                                  | La    | Cr  | Mg   | Ba   | Ti    | Al   | Na    | K    | W   | Zr    | Sn   | Be  | Sc   | S     | Y     | Ce    | Pr    | Nd    | Sm   |
|        |                                  | ppm   | ppm | %    | ppm  | %     | %    | %     | %    | ppm | ppm   | ppm  | ppm | ppm  | %     | ppm   | ppm   | ppm   | ppm   | ppm  |
|        |                                  | 0.1   | 1   | 0.02 | 1    | 0.001 | 0.02 | 0.002 | 0.02 | 0.1 | 0.2   | 0.1  | 1   | 0.1  | 0.04  | 0.1   | 0.02  | 0.1   | 0.1   | 0.1  |
| 333062 | Silt                             | 79.8  | 19  | 0.77 | 1941 | 0.433 | 7.45 | 0.694 | 2.93 | 2.2 | 186.4 | 6.1  | 3   | 6.6  | 0.09  | 25.1  | 166.5 | 18.6  | 67.1  | 10.5 |
| 333064 | Silt                             | 601.7 | 17  | 0.69 | 163  | 0.324 | 7.01 | 0.213 | 3.21 | 3.7 | 265.0 | 8.7  | 8   | 3.8  | 1.62  | 102.6 | 397.4 | 105.7 | 374.0 | 51.1 |
| 333066 | Silt                             | 539.1 | 17  | 0.74 | 169  | 0.313 | 6.96 | 0.222 | 3.84 | 3.3 | 242.6 | 8.2  | 9   | 3.9  | 1.22  | 97.4  | 388.9 | 99.1  | 353.7 | 49.3 |
| 333068 | Silt                             | 105.2 | 18  | 1.03 | 908  | 0.452 | 7.69 | 2.543 | 2.30 | 5.5 | 116.3 | 9.0  | 8   | 6.8  | <0.04 | 62.6  | 217.1 | 24.1  | 89.7  | 15.5 |
| 333070 | Silt                             | 94.3  | 102 | 1.54 | 851  | 0.581 | 6.66 | 2.263 | 1.82 | 3.2 | 129.4 | 8.3  | 8   | 10.7 | <0.04 | 62.2  | 192.6 | 22.6  | 85.3  | 14.6 |
| 333072 | Silt                             | 120.1 | 17  | 2.56 | 602  | 0.666 | 7.11 | 2.292 | 1.85 | 6.8 | 190.9 | 7.5  | 4   | 7.7  | 0.06  | 39.7  | 255.4 | 29.5  | 110.5 | 17.3 |
| 333074 | Silt                             | 49.6  | 50  | 1.63 | 571  | 0.292 | 6.72 | 1.999 | 1.74 | 4.7 | 82.3  | 5.8  | 4   | 9.4  | 0.04  | 24.0  | 96.86 | 11.6  | 43.0  | 7.4  |
| 333076 | Silt                             | 151.0 | 21  | 0.81 | 743  | 0.235 | 7.07 | 1.477 | 3.68 | 6.5 | 61.8  | 5.6  | 5   | 5.3  | 0.43  | 40.8  | 302.2 | 32.0  | 117.8 | 17.6 |
| 333078 | Silt                             | 50.1  | 59  | 0.79 | 807  | 0.210 | 7.61 | 0.525 | 2.12 | 1.1 | 47.7  | 7.0  | 2   | 11.3 | 0.10  | 8.1   | 91.82 | 11.6  | 43.9  | 6.6  |
| 333080 | Silt                             | 109.4 | 23  | 0.92 | 1252 | 0.270 | 9.08 | 0.939 | 4.37 | 2.9 | 245.3 | 8.2  | 8   | 4.8  | 0.07  | 29.9  | 218.5 | 23.7  | 90.9  | 13.8 |
| 333082 | Silt                             | 97.3  | 21  | 0.58 | 42   | 0.225 | 7.20 | 0.190 | 3.47 | 4.7 | 206.8 | 14.7 | 5   | 4.1  | 3.13  | 30.2  | 214.9 | 23.2  | 82.8  | 13.3 |
| 333084 | Silt                             | 162.1 | 22  | 0.44 | 79   | 0.167 | 6.83 | 0.427 | 2.96 | 3.9 | 167.7 | 27.1 | 7   | 4.6  | 1.91  | 39.1  | 381.3 | 39.3  | 145.9 | 23.5 |
| 333086 | Silt                             | 179.2 | 19  | 0.40 | 72   | 0.144 | 6.64 | 0.442 | 2.60 | 3.3 | 149.3 | 23.5 | 8   | 6.0  | 2.12  | 42.2  | 481.2 | 47.8  | 185.0 | 30.4 |
| 333088 | Silt                             | 365.9 | 17  | 0.43 | 63   | 0.136 | 6.53 | 0.499 | 2.49 | 3.1 | 135.1 | 24.7 | 8   | 4.9  | 2.22  | 64.9  | 766.0 | 70.1  | 258.9 | 38.2 |
| 333090 | Silt                             | 891.3 | 22  | 0.53 | 115  | 0.136 | 6.76 | 0.506 | 2.30 | 3.0 | 135.6 | 23.2 | 12  | 5.4  | 2.10  | 107.0 | 1621  | 143.5 | 474.3 | 70.1 |
| 333092 | Silt                             | 755.3 | 25  | 0.62 | 159  | 0.154 | 6.34 | 0.671 | 2.22 | 3.0 | 123.0 | 19.2 | 10  | 5.8  | 1.27  | 94.2  | 1548  | 122.6 | 424.9 | 60.7 |



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226 Cardinal Crescent  
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**Project:** True Blue  
**Report Date:** August 25, 2010

**Page:** 2 of 2 **Part** 3

## CERTIFICATE OF ANALYSIS

WHI10000256.1

|        | Method<br>Analyte<br>Unit<br>MDL | 1T   | 1T  | 1T   | 1T  | 1T  | 1T  | 1T  | 1T  | 1T   | 1T   | 1T    | 1T  | 1T    | 1T   |
|--------|----------------------------------|------|-----|------|-----|-----|-----|-----|-----|------|------|-------|-----|-------|------|
|        |                                  | Gd   | Tb  | Dy   | Ho  | Er  | Tm  | Yb  | Lu  | Hf   | Li   | Rb    | Ta  | Nb    | Cs   |
|        |                                  | ppm  | ppm | ppm  | ppm | ppm | ppm | ppm | ppm | ppm  | ppm  | ppm   | ppm | ppm   | ppm  |
|        |                                  | 0.1  | 0.1 | 0.1  | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.02 | 0.1  | 0.1   | 0.1 | 0.04  | 0.1  |
| 333062 | Silt                             | 8.2  | 1.1 | 6.1  | 1.0 | 2.6 | 0.3 | 2.4 | 0.3 | 4.09 | 17.1 | 82.3  | 6.6 | 125.5 | 2.3  |
| 333064 | Silt                             | 50.6 | 5.6 | 25.4 | 3.6 | 7.6 | 0.8 | 5.4 | 0.7 | 5.87 | 20.4 | 115.6 | 8.8 | 154.5 | 3.5  |
| 333066 | Silt                             | 51.3 | 5.3 | 24.6 | 3.4 | 6.8 | 0.8 | 5.1 | 0.7 | 5.40 | 18.6 | 129.0 | 7.8 | 141.5 | 3.3  |
| 333068 | Silt                             | 14.0 | 2.1 | 13.1 | 2.3 | 6.3 | 0.8 | 5.9 | 0.8 | 2.88 | 34.0 | 89.3  | 7.9 | 155.1 | 5.1  |
| 333070 | Silt                             | 13.2 | 2.1 | 13.2 | 2.4 | 6.1 | 0.9 | 6.5 | 0.9 | 3.87 | 36.5 | 65.7  | 8.3 | 155.7 | 4.2  |
| 333072 | Silt                             | 13.9 | 1.9 | 10.4 | 1.7 | 4.1 | 0.5 | 3.5 | 0.5 | 4.63 | 23.7 | 34.8  | 6.4 | 123.2 | 2.0  |
| 333074 | Silt                             | 6.5  | 0.9 | 5.4  | 0.9 | 2.4 | 0.3 | 2.1 | 0.3 | 2.19 | 30.4 | 64.3  | 2.6 | 58.34 | 4.9  |
| 333076 | Silt                             | 12.5 | 1.6 | 9.2  | 1.6 | 4.0 | 0.5 | 3.3 | 0.4 | 1.41 | 26.3 | 114.9 | 8.2 | 171.3 | 4.1  |
| 333078 | Silt                             | 4.2  | 0.4 | 2.1  | 0.3 | 0.7 | 0.1 | 0.9 | 0.1 | 1.16 | 63.5 | 90.7  | 0.5 | 8.80  | 5.4  |
| 333080 | Silt                             | 10.7 | 1.3 | 7.3  | 1.2 | 2.9 | 0.4 | 2.6 | 0.4 | 5.32 | 33.9 | 140.8 | 6.5 | 133.3 | 11.3 |
| 333082 | Silt                             | 9.7  | 1.4 | 7.3  | 1.2 | 3.1 | 0.4 | 2.6 | 0.3 | 4.48 | 37.9 | 141.3 | 7.6 | 148.2 | 17.6 |
| 333084 | Silt                             | 16.1 | 2.1 | 11.2 | 1.6 | 3.9 | 0.5 | 3.6 | 0.5 | 3.87 | 31.6 | 123.3 | 6.2 | 119.7 | 10.7 |
| 333086 | Silt                             | 20.4 | 2.5 | 13.2 | 1.9 | 4.4 | 0.6 | 3.9 | 0.5 | 3.28 | 29.4 | 111.8 | 5.4 | 105.4 | 8.8  |
| 333088 | Silt                             | 28.4 | 3.4 | 17.2 | 2.5 | 5.5 | 0.7 | 4.4 | 0.5 | 3.24 | 31.2 | 102.1 | 5.2 | 98.01 | 8.3  |
| 333090 | Silt                             | 50.8 | 6.2 | 30.4 | 4.3 | 8.8 | 1.0 | 7.0 | 0.9 | 2.87 | 30.6 | 97.3  | 5.0 | 96.91 | 8.0  |
| 333092 | Silt                             | 43.9 | 5.5 | 26.8 | 3.8 | 7.9 | 0.9 | 6.4 | 0.8 | 2.98 | 30.6 | 90.2  | 4.8 | 86.15 | 7.2  |



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Project: True Blue

Report Date: August 25, 2010

Page: 1 of 1 Part 1

## QUALITY CONTROL REPORT

WHI10000256.1

|                       | Method<br>Analyte<br>Unit<br>MDL | 1T    | 1T    | 1T    | 1T    | 1T  | 1T    | 1T   | 1T   | 1T    | 1T   | 1T   | 1T   | 1T   | 1T  | 1T    | 1T    | 1T    | 1T  | 1T    | 1T     |
|-----------------------|----------------------------------|-------|-------|-------|-------|-----|-------|------|------|-------|------|------|------|------|-----|-------|-------|-------|-----|-------|--------|
|                       |                                  | Mo    | Cu    | Pb    | Zn    | Ag  | Ni    | Co   | Mn   | Fe    | As   | U    | Au   | Th   | Sr  | Cd    | Sb    | Bi    | V   | Ca    | P      |
|                       |                                  | ppm   | ppm   | ppm   | ppm   | ppb | ppm   | ppm  | ppm  | %     | ppm  | ppm  | ppm  | ppm  | ppm | ppm   | ppm   | ppm   | ppm | %     | %      |
|                       |                                  | 0.05  | 0.02  | 0.02  | 0.2   | 20  | 0.1   | 0.2  | 2    | 0.02  | 0.2  | 0.1  | 0.1  | 0.1  | 1   | 0.02  | 0.02  | 0.04  | 1   | 0.02  | 0.001  |
| Pulp Duplicates       |                                  |       |       |       |       |     |       |      |      |       |      |      |      |      |     |       |       |       |     |       |        |
| 333062                | Silt                             | 6.21  | 18.75 | 39.85 | 148.3 | <20 | 13.5  | 10.9 | 797  | 4.74  | 12.1 | 3.0  | <0.1 | 17.8 | 142 | 0.80  | 2.45  | 0.13  | 78  | 0.87  | 0.090  |
| REP 333062            | QC                               | 6.38  | 17.90 | 40.29 | 146.5 | <20 | 12.2  | 10.8 | 771  | 4.67  | 11.5 | 2.9  | <0.1 | 17.6 | 142 | 0.92  | 2.38  | 0.11  | 77  | 0.81  | 0.087  |
| Reference Materials   |                                  |       |       |       |       |     |       |      |      |       |      |      |      |      |     |       |       |       |     |       |        |
| STD OREAS24P          | Standard                         | 1.47  | 44.42 | 2.61  | 115.0 | 78  | 137.3 | 44.1 | 1130 | 7.54  | 1.5  | 0.7  | <0.1 | 2.7  | 397 | 0.12  | 0.07  | <0.04 | 167 | 6.08  | 0.140  |
| STD OREAS24P          | Standard                         | 1.45  | 45.42 | 2.66  | 113.3 | 80  | 136.8 | 45.2 | 1134 | 7.43  | 0.5  | 0.7  | <0.1 | 2.9  | 397 | 0.17  | 0.06  | <0.04 | 167 | 6.07  | 0.138  |
| STD OREAS24P          | Standard                         | 1.50  | 51.64 | 2.80  | 116.5 | 31  | 143.3 | 45.4 | 1111 | 7.60  | 0.9  | 0.6  | <0.1 | 2.6  | 383 | 0.18  | 0.09  | <0.04 | 164 | 6.04  | 0.138  |
| STD OREAS24P          | Standard                         | 1.51  | 53.15 | 2.54  | 120.2 | <20 | 149.5 | 47.5 | 1122 | 7.62  | 2.3  | 0.6  | <0.1 | 2.5  | 387 | 0.16  | 0.08  | <0.04 | 164 | 6.07  | 0.141  |
| STD OREAS24P Expected |                                  | 1.5   | 52    | 2.9   | 119   | 60  | 141   | 44   | 1100 | 7.53  | 1.2  | 0.75 |      | 2.85 | 403 | 0.15  | 0.09  |       | 158 | 5.83  | 0.136  |
| BLK                   | Blank                            | <0.05 | <0.02 | <0.02 | <0.2  | <20 | <0.1  | <0.2 | <2   | <0.02 | <0.2 | <0.1 | <0.1 | <0.1 | <1  | <0.02 | <0.02 | <0.04 | <1  | <0.02 | <0.001 |
| BLK                   | Blank                            | <0.05 | <0.02 | <0.02 | <0.2  | <20 | <0.1  | <0.2 | <2   | <0.02 | <0.2 | <0.1 | <0.1 | <0.1 | <1  | <0.02 | <0.02 | <0.04 | <1  | <0.02 | <0.001 |



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Page: 1 of 1 Part 2

## QUALITY CONTROL REPORT

WHI10000256.1

|                       | Method<br>Analyte<br>Unit<br>MDL | 1T   | 1T  | 1T    | 1T   | 1T     | 1T    | 1T     | 1T    | 1T   | 1T    | 1T   | 1T  | 1T   | 1T    | 1T   | 1T    | 1T   | 1T   | 1T   | 1T   |
|-----------------------|----------------------------------|------|-----|-------|------|--------|-------|--------|-------|------|-------|------|-----|------|-------|------|-------|------|------|------|------|
|                       |                                  | La   | Cr  | Mg    | Ba   | Ti     | Al    | Na     | K     | W    | Zr    | Sn   | Be  | Sc   | S     | Y    | Ce    | Pr   | Nd   | Sm   | Eu   |
|                       |                                  | ppm  | ppm | %     | ppm  | %      | %     | %      | %     | ppm  | ppm   | ppm  | ppm | ppm  | %     | ppm  | ppm   | ppm  | ppm  | ppm  | ppm  |
|                       |                                  | 0.1  | 1   | 0.02  | 1    | 0.001  | 0.02  | 0.002  | 0.02  | 0.1  | 0.2   | 0.1  | 1   | 0.1  | 0.04  | 0.1  | 0.02  | 0.1  | 0.1  | 0.1  | 0.1  |
| Pulp Duplicates       |                                  |      |     |       |      |        |       |        |       |      |       |      |     |      |       |      |       |      |      |      |      |
| 333062                | Silt                             | 79.8 | 19  | 0.77  | 1941 | 0.433  | 7.45  | 0.694  | 2.93  | 2.2  | 186.4 | 6.1  | 3   | 6.6  | 0.09  | 25.1 | 166.5 | 18.6 | 67.1 | 10.5 | 1.1  |
| REP 333062            | QC                               | 78.2 | 20  | 0.74  | 1912 | 0.420  | 7.02  | 0.645  | 2.77  | 2.0  | 184.8 | 5.9  | 4   | 6.2  | 0.09  | 24.6 | 161.3 | 18.1 | 65.6 | 10.4 | 1.0  |
| Reference Materials   |                                  |      |     |       |      |        |       |        |       |      |       |      |     |      |       |      |       |      |      |      |      |
| STD OREAS24P          | Standard                         | 17.2 | 182 | 4.22  | 301  | 1.035  | 7.64  | 2.335  | 0.72  | 0.4  | 140.1 | 1.6  | 1   | 19.8 | <0.04 | 20.2 | 34.56 | 4.5  | 20.4 | 4.7  | 1.5  |
| STD OREAS24P          | Standard                         | 17.5 | 181 | 4.23  | 305  | 1.035  | 7.66  | 2.322  | 0.72  | 0.5  | 140.1 | 1.4  | 1   | 19.8 | <0.04 | 20.2 | 35.54 | 4.8  | 21.1 | 4.8  | 1.5  |
| STD OREAS24P          | Standard                         | 17.7 | 196 | 4.10  | 267  | 1.077  | 7.83  | 2.352  | 0.66  | 0.5  | 137.4 | 1.6  | <1  | 19.3 | <0.04 | 22.8 | 37.39 | 4.8  | 20.7 | 4.6  | 1.5  |
| STD OREAS24P          | Standard                         | 18.1 | 198 | 4.14  | 274  | 1.075  | 7.87  | 2.376  | 0.67  | 0.5  | 138.1 | 1.6  | 1   | 18.8 | <0.04 | 22.6 | 37.01 | 4.9  | 21.5 | 4.5  | 1.4  |
| STD OREAS24P Expected |                                  | 17.4 | 196 | 4.13  | 285  | 1.1    | 7.66  | 2.34   | 0.7   | 0.5  | 141   | 1.6  |     | 20   |       | 21.3 | 37.6  | 4.7  | 22   | 4.7  | 1.6  |
| BLK                   | Blank                            | <0.1 | <1  | <0.02 | <1   | <0.001 | <0.02 | <0.002 | <0.02 | <0.1 | <0.2  | <0.1 | <1  | <0.1 | <0.04 | <0.1 | <0.02 | <0.1 | <0.1 | <0.1 | <0.1 |
| BLK                   | Blank                            | <0.1 | <1  | <0.02 | <1   | <0.001 | <0.02 | <0.002 | <0.02 | <0.1 | <0.2  | <0.1 | <1  | <0.1 | <0.04 | <0.1 | <0.02 | <0.1 | <0.1 | <0.1 | <0.1 |



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Report Date: August 25, 2010

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## QUALITY CONTROL REPORT

WHI10000256.1

|                       | Method<br>Analyte<br>Unit<br>MDL | 1T   | 1T   | 1T   | 1T   | 1T   | 1T   | 1T   | 1T   | 1T    | 1T   | 1T   | 1T   | 1T    | 1T   | 1T    |
|-----------------------|----------------------------------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|-------|
|                       |                                  | Gd   | Tb   | Dy   | Ho   | Er   | Tm   | Yb   | Lu   | Hf    | Li   | Rb   | Ta   | Nb    | Cs   | Ga    |
|                       |                                  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm  | ppm   | ppm  | ppm  | ppm  | ppm   | ppm  | ppm   |
|                       |                                  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.02  | 0.1  | 0.1  | 0.1  | 0.04  | 0.1  | 0.02  |
| Pulp Duplicates       |                                  |      |      |      |      |      |      |      |      |       |      |      |      |       |      |       |
| 333062                | Silt                             | 8.2  | 1.1  | 6.1  | 1.0  | 2.6  | 0.3  | 2.4  | 0.3  | 4.09  | 17.1 | 82.3 | 6.6  | 125.5 | 2.3  | 28.75 |
| REP 333062            | QC                               | 8.6  | 1.1  | 6.0  | 1.1  | 2.5  | 0.3  | 2.3  | 0.3  | 3.85  | 17.5 | 80.2 | 6.4  | 120.9 | 2.2  | 27.92 |
| Reference Materials   |                                  |      |      |      |      |      |      |      |      |       |      |      |      |       |      |       |
| STD OREAS24P          | Standard                         | 5.0  | 0.7  | 4.6  | 0.8  | 1.9  | 0.2  | 1.6  | 0.2  | 3.44  | 8.4  | 20.5 | 1.1  | 19.40 | 0.9  | 20.13 |
| STD OREAS24P          | Standard                         | 5.4  | 0.8  | 4.9  | 0.8  | 2.1  | 0.3  | 1.7  | 0.2  | 3.53  | 8.5  | 20.0 | 1.1  | 19.48 | 0.9  | 20.06 |
| STD OREAS24P          | Standard                         | 5.2  | 0.7  | 4.6  | 0.8  | 1.9  | 0.2  | 1.7  | 0.2  | 3.32  | 8.1  | 22.6 | 1.1  | 19.94 | 0.8  | 19.34 |
| STD OREAS24P          | Standard                         | 4.9  | 0.8  | 4.6  | 0.8  | 2.0  | 0.3  | 1.7  | 0.2  | 3.32  | 9.1  | 21.9 | 1.0  | 20.35 | 0.8  | 20.11 |
| STD OREAS24P Expected |                                  | 5.3  | 0.81 | 4.6  | 0.8  | 2.2  | 0.3  | 1.83 | 0.25 | 3.6   | 8.7  | 22.4 | 1.04 | 21    | 0.8  | 19.43 |
| BLK                   | Blank                            | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.02 | <0.1 | <0.1 | <0.1 | <0.04 | <0.1 | 0.10  |
| BLK                   | Blank                            | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.02 | <0.1 | <0.1 | <0.1 | <0.04 | <0.1 | <0.02 |