

15h: Actlabs 2015 Rock Sample Analytical Certificates



**Date Submitted:** 10-Jul-15  
**Invoice No.:** A15-05112  
**Invoice Date:** 27-Jul-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

138 Rock samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-05112**

Code 1A2-50-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





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Suite 611-675 West Hastings St.  
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Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

138 Rock samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-05112**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



Results

| Analyte Symbol | Ag      | Pb      | Zn      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     |
|----------------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm     | %       | %       | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    |
| Lower Limit    | 3       | 0.003   | 0.001   | 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      |
| Method Code    | ICP-OES | ICP-OES | ICP-OES | 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 |
| 18226          |         |         |         | 0.2    | < 0.5  | 43     | 330    | 2      | 9      | 4      | 26      | 1.21   | 15      | < 10   | 33     | < 0.5  | < 2    | 0.97   | 14     | 5      | 5.52   | < 10   | < 1    |
| 18227          |         |         |         | < 0.2  | < 0.5  | 48     | 961    | < 1    | 6      | 3      | 45      | 1.86   | 30      | < 10   | 70     | 1.0    | < 2    | 4.08   | 9      | 4      | 4.06   | < 10   | < 1    |
| 18228          |         |         |         | 0.3    | < 0.5  | 182    | 431    | 2      | 24     | < 2    | 31      | 2.03   | 7       | < 10   | 32     | 0.8    | < 2    | 1.56   | 41     | 30     | 7.86   | < 10   | < 1    |
| 18229          |         |         |         | 1.2    | 0.6    | 562    | 642    | 2      | 12     | 4      | 67      | 2.72   | 13      | < 10   | 27     | 1.5    | < 2    | 3.20   | 27     | 4      | 6.79   | 10     | 2      |
| 18230          |         |         |         | 18.2   | 9.5    | 1730   | 348    | 3      | 7      | 188    | 1140    | 1.00   | 7       | < 10   | 19     | 0.5    | 147    | 0.47   | 18     | 3      | 9.03   | < 10   | 2      |
| 18231          |         |         |         | 0.2    | < 0.5  | 85     | 707    | 2      | 29     | 4      | 56      | 3.33   | 18      | 12     | 35     | 1.1    | < 2    | 2.55   | 28     | 74     | 5.80   | 10     | 3      |
| 18232          |         |         |         | < 0.2  | < 0.5  | 22     | 1380   | < 1    | < 1    | 2      | 8       | 0.55   | 217     | < 10   | < 10   | < 0.5  | < 2    | 19.5   | 4      | < 1    | 2.34   | < 10   | 1      |
| 18233          |         |         |         | 0.4    | < 0.5  | 126    | 680    | 2      | 28     | 2      | 61      | 2.88   | 17      | < 10   | 32     | 0.8    | < 2    | 1.71   | 25     | 69     | 6.88   | 10     | < 1    |
| 18038          |         |         |         | < 0.2  | < 0.5  | 67     | 1360   | < 1    | 5      | 7      | 22      | 0.65   | 107     | < 10   | 21     | < 0.5  | < 2    | 13.4   | 10     | 3      | 3.95   | < 10   | < 1    |
| 18039          |         |         |         | 0.3    | 0.6    | 154    | 423    | 1      | 8      | < 2    | 45      | 5.20   | 20      | 10     | 78     | 1.0    | < 2    | 3.33   | 26     | 4      | 5.77   | 10     | 5      |
| 18040          |         |         | 1.18    | 4.4    | 109    | 71     | 2830   | 2      | 12     | 153    | > 10000 | 0.55   | > 10000 | < 10   | < 10   | < 0.5  | 25     | 3.98   | 29     | 3      | 11.7   | < 10   | < 1    |
| 18041          |         |         |         | < 0.2  | < 0.5  | 61     | 627    | < 1    | 11     | 6      | 64      | 2.05   | 22      | < 10   | 80     | 1.6    | < 2    | 2.16   | 13     | 21     | 3.84   | 10     | < 1    |
| 18042          |         |         |         | 56.5   | 8.1    | 719    | 2450   | < 1    | 26     | 36     | 1790    | 0.29   | 2080    | < 10   | < 10   | < 0.5  | 5      | 4.67   | 7      | 28     | 3.83   | < 10   | < 1    |
| 18043          |         |         |         | 21.9   | 11.2   | 353    | 2450   | < 1    | 6      | 162    | 2160    | 0.14   | > 10000 | < 10   | 10     | < 0.5  | 30     | 2.87   | 14     | 6      | 13.7   | < 10   | < 1    |
| 18058          |         |         |         | 0.8    | < 0.5  | 3670   | 1050   | < 1    | 39     | 5      | 130     | 1.74   | 20      | < 10   | 107    | < 0.5  | < 2    | 2.91   | 14     | 102    | 8.45   | < 10   | 2      |
| 18062          |         |         |         | 0.2    | < 0.5  | 633    | 1480   | 3      | 15     | 6      | 93      | 1.65   | 40      | < 10   | 179    | < 0.5  | < 2    | 4.88   | 14     | 16     | 5.98   | < 10   | < 1    |
| 18063          |         |         |         | 1.7    | 0.8    | 4910   | 1090   | 2      | 19     | 16     | 152     | 1.47   | 15      | < 10   | 89     | < 0.5  | < 2    | 3.91   | 10     | 36     | 7.05   | < 10   | 3      |
| 18064          |         |         |         | 0.6    | 0.6    | 1210   | 756    | 6      | 22     | 7      | 88      | 1.12   | 9       | < 10   | 227    | < 0.5  | < 2    | 1.96   | 13     | 27     | 9.48   | < 10   | 2      |
| 18065          |         |         |         | 0.9    | 1.8    | 824    | 1330   | 16     | 49     | 7      | 131     | 1.75   | 32      | < 10   | 20     | < 0.5  | < 2    | 4.58   | 20     | 93     | 4.84   | < 10   | < 1    |
| 18170          |         |         |         | 1.2    | < 0.5  | 553    | 652    | 4      | 9      | < 2    | 59      | 2.45   | 29      | < 10   | 34     | 0.9    | < 2    | 4.09   | 20     | 5      | 5.67   | < 10   | < 1    |
| 18171          |         |         |         | 1.7    | < 0.5  | 546    | 591    | 9      | 10     | 3      | 99      | 2.12   | > 10000 | < 10   | 37     | 0.8    | < 2    | 3.31   | 63     | 8      | 6.33   | < 10   | < 1    |
| 18172          |         |         |         | 1.3    | 1.1    | 495    | 1040   | 7      | 8      | 3      | 111     | 2.25   | 156     | < 10   | 44     | 0.9    | < 2    | 5.08   | 17     | 6      | 6.11   | < 10   | 3      |
| 18178          |         |         |         | < 0.2  | < 0.5  | 153    | 1840   | < 1    | 11     | < 2    | 63      | 2.85   | 72      | < 10   | 14     | 1.9    | < 2    | 15.4   | 32     | 1      | 2.91   | < 10   | < 1    |
| 18179          |         |         |         | 1.6    | 19.4   | 164    | 1460   | < 1    | 5      | 62     | 2520    | 2.59   | 10      | < 10   | 25     | 1.1    | < 2    | 6.55   | 17     | 3      | 5.63   | 10     | 2      |
| 18180          |         |         |         | 1.5    | 21.5   | 183    | 1710   | 5      | 6      | 76     | 3600    | 3.79   | 9       | 16     | 20     | 2.1    | < 2    | 8.47   | 15     | 5      | 3.71   | 20     | < 1    |
| 18181          |         |         |         | 0.6    | 17.0   | 144    | 1020   | 5      | 3      | 43     | 1340    | 3.22   | 457     | 11     | 34     | 2.5    | < 2    | 8.96   | 14     | 2      | 3.87   | 10     | < 1    |
| 18182          |         |         |         | < 0.2  | < 0.5  | 37     | 1570   | 1      | 19     | 2      | 20      | 1.65   | 32      | < 10   | 36     | < 0.5  | < 2    | 12.7   | 8      | 17     | 3.78   | < 10   | 1      |
| 18183          |         |         |         | 17.1   | < 0.5  | 155    | 1010   | 2      | 37     | 5      | 47      | 0.93   | 78      | < 10   | 42     | < 0.5  | 14     | 4.95   | 9      | 29     | 4.97   | < 10   | < 1    |
| 18184          |         |         |         | 3.7    | < 0.5  | 65     | 105    | 3      | 5      | 31     | 7       | 1.44   | 1050    | < 10   | 40     | < 0.5  | < 2    | 0.14   | 3      | 24     | 4.25   | < 10   | 4      |
| 18189          |         |         |         | 0.2    | < 0.5  | 428    | 2990   | 3      | 38     | 5      | 64      | 1.39   | 231     | < 10   | 165    | < 0.5  | < 2    | 5.04   | 14     | 72     | 4.01   | < 10   | < 1    |
| 18190          |         |         |         | 0.3    | < 0.5  | 240    | 2720   | 3      | 20     | 7      | 80      | 1.55   | 98      | < 10   | 16     | < 0.5  | 2      | 6.73   | 18     | 11     | 8.40   | < 10   | < 1    |
| 18191          |         |         |         | 1.8    | 0.6    | 2380   | 1300   | 3      | 39     | 6      | 87      | 1.41   | 8       | < 10   | 79     | < 0.5  | < 2    | 3.05   | 12     | 79     | 5.10   | < 10   | < 1    |
| 18192          |         |         |         | 3.1    | < 0.5  | 3      | 1900   | 1      | 21     | 8      | 55      | 2.03   | 5       | < 10   | 65     | 0.5    | 4      | 6.59   | 6      | 37     | 1.85   | < 10   | < 1    |
| 18193          |         |         |         | 4.3    | 46.7   | 9      | 8440   | < 1    | 9      | 702    | 2660    | 0.39   | 12      | < 10   | 109    | < 0.5  | 4      | 11.2   | 2      | 3      | 2.48   | < 10   | 2      |
| 18194          |         |         |         | 0.6    | < 0.5  | 6      | 6000   | 1      | 3      | 8      | 16      | 0.10   | 33      | < 10   | 34     | < 0.5  | < 2    | 15.3   | 3      | 2      | 6.58   | < 10   | 2      |
| 18195          | 120     | 0.831   | 1.22    | > 100  | 208    | 53     | 5890   | < 1    | 4      | > 5000 | > 10000 | 0.09   | 9       | < 10   | 37     | < 0.5  | 7      | 19.0   | 1      | 2      | 2.25   | < 10   | 5      |
| 18196          |         |         |         | 0.2    | < 0.5  | 29     | 1600   | < 1    | 4      | 8      | 32      | 0.67   | 8       | < 10   | 221    | < 0.5  | < 2    | 17.8   | 4      | 2      | 1.90   | < 10   | 1      |
| 18076          |         |         |         | 0.6    | 0.8    | 46     | 668    | < 1    | 6      | 28     | 87      | 1.57   | 7       | < 10   | 57     | 0.5    | < 2    | 1.17   | 9      | 7      | 3.55   | < 10   | < 1    |
| 18077          |         |         |         | 0.5    | 0.6    | 196    | 337    | 3      | 13     | 3      | 89      | 1.95   | 13      | < 10   | 59     | < 0.5  | < 2    | 1.18   | 22     | 7      | 6.37   | < 10   | 2      |
| 18078          | 126     | 0.598   |         | > 100  | 51.9   | 1070   | 1480   | 2      | 8      | > 5000 | 5160    | 0.28   | > 10000 | < 10   | 16     | < 0.5  | 51     | 0.77   | 9      | 10     | 12.8   | < 10   | < 1    |
| 18079          |         |         |         | 1.2    | < 0.5  | 66     | 501    | 3      | 3      | 31     | 225     | 1.48   | 204     | < 10   | 119    | 0.6    | 3      | 0.12   | 6      | 3      | 8.85   | < 10   | < 1    |
| 18080          |         |         |         | 5.2    | 4.9    | 75     | 763    | < 1    | 3      | 1150   | 571     | 1.06   | > 10000 | < 10   | 24     | 0.5    | 26     | 0.27   | 4      | 5      | 10.6   | < 10   | < 1    |
| 18081          |         |         |         | 18.5   | 21.3   | 647    | 2240   | < 1    | 5      | 609    | 1880    | 0.62   | > 10000 | < 10   | 13     | < 0.5  | 28     | 5.37   | 16     | 7      | 10.4   | < 10   | 2      |
| 18082          |         |         |         | 0.2    | < 0.5  | 33     | 399    | 2      | 13     | 7      | 47      | 2.16   | 80      | < 10   | 16     | 0.9    | < 2    | 0.62   | 21     | 14     | 6.66   | < 10   | 2      |
| 18083          |         |         |         | 6.2    | 1.4    | 251    | 322    | 4      | 8      | 80     | 143     | 1.98   | 6960    | < 10   | 34     | 0.6    | 15     | 0.65   | 14     | 10     | 5.95   | < 10   | 1      |
| 18084          |         |         |         | 4.1    | 4.4    | 240    | 1830   | 2      | 9      | 92     | 337     | 0.99   | > 10000 | < 10   | 17     | < 0.5  | 26     | 10.3   | 18     | 7      | 6.97   | < 10   | < 1    |
| 18085          |         |         |         | 2.3    | < 0.5  | 433    | 386    | < 1    | 19     | 63     | 106     | 1.71   | > 10000 | < 10   | < 10   | < 0.5  | 2      | 0.28   | 53     | 5      | 13.2   | < 10   | < 1    |
| 18086          |         |         |         | 0.4    | < 0.5  | 40     | 262    | 4      | 9      | 6      | 29      | 2.22   | 73      | < 10   | 24     | 0.7    | < 2    | 0.72   | 19     | 11     | 6.88   | 10     | < 1    |
| 18087          |         |         | 1.26    | 13.2   | 142    | 393    | 1900   | < 1    | 4      | 425    | > 10000 | 0.79   | > 10000 | < 10   | 11     | < 0.5  | 36     | 4.75   | 15     | 2      | 8.69   | < 10   | 1      |

| Analyte Symbol | Ag      | Pb      | Zn      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     |
|----------------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm     | %       | %       | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    |
| Lower Limit    | 3       | 0.003   | 0.001   | 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      |
| Method Code    | ICP-OES | ICP-OES | ICP-OES | 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 |
| 18088          |         |         | 2.82    | 10.4   | 279    | 388    | 935    | < 1    | 8      | 717    | > 10000 | 0.40   | > 10000 | < 10   | < 10   | < 0.5  | 41     | 1.68   | 21     | 4      | 13.3   | < 10   | < 1    |
| 18089          |         |         |         | < 0.2  | 1.7    | 89     | 1080   | 1      | 14     | 8      | 113     | 2.69   | 214     | < 10   | 38     | 1.3    | < 2    | 6.77   | 16     | 8      | 5.41   | 10     | < 1    |
| 18090          |         |         |         | 0.2    | 1.0    | 285    | 589    | 5      | 13     | < 2    | 72      | 3.08   | 144     | < 10   | 52     | 1.2    | < 2    | 2.56   | 25     | 4      | 5.70   | 10     | < 1    |
| 18091          |         |         |         | 1.3    | 0.8    | 134    | 948    | 2      | 4      | 9      | 71      | 1.96   | 5530    | < 10   | 85     | 1.2    | 8      | 0.46   | 11     | 3      | 4.35   | < 10   | < 1    |
| 18092          |         |         |         | 0.3    | < 0.5  | 246    | 350    | 4      | 7      | < 2    | 34      | 2.11   | 38      | < 10   | 52     | 0.9    | < 2    | 1.81   | 14     | 10     | 6.06   | < 10   | < 1    |
| 18093          |         |         |         | 0.9    | 0.6    | 5750   | 873    | 2      | 10     | < 2    | 73      | 2.30   | 19      | < 10   | 82     | 0.8    | < 2    | 1.66   | 18     | 7      | 4.69   | < 10   | < 1    |
| 18094          |         |         |         | 0.4    | < 0.5  | 180    | 323    | 3      | 17     | 2      | 50      | 1.78   | 33      | < 10   | 76     | 0.7    | < 2    | 1.04   | 8      | 41     | 5.51   | 10     | < 1    |
| 18095          |         |         |         | < 0.2  | 1.2    | 564    | 2650   | 19     | 62     | < 2    | 162     | 2.31   | 12      | < 10   | 402    | 1.8    | < 2    | 0.71   | 167    | 146    | 4.48   | < 10   | < 1    |
| 18096          |         |         |         | < 0.2  | < 0.5  | 153    | 441    | 15     | 6      | 5      | 45      | 1.55   | 78      | < 10   | 175    | 1.0    | < 2    | 0.73   | 24     | 4      | 3.00   | < 10   | < 1    |
| 18097          |         |         |         | 0.4    | < 0.5  | 173    | 771    | 4      | 12     | 3      | 89      | 3.09   | 23      | < 10   | 19     | 1.7    | < 2    | 3.32   | 22     | 14     | 7.34   | 10     | < 1    |
| 18098          |         |         |         | < 0.2  | < 0.5  | 15     | 2110   | 1      | 3      | < 2    | 7       | 0.24   | 206     | < 10   | 13     | < 0.5  | < 2    | 19.8   | 2      | 2      | 1.64   | < 10   | 1      |
| 18099          |         |         |         | < 0.2  | < 0.5  | 92     | 801    | 3      | 5      | < 2    | 53      | 2.40   | 7       | < 10   | 29     | 0.6    | < 2    | 1.32   | 18     | 3      | 5.87   | 10     | < 1    |
| 18100          |         |         |         | 2.1    | < 0.5  | 71     | 459    | 12     | 4      | 412    | 66      | 1.84   | 218     | < 10   | 42     | 0.8    | < 2    | 0.79   | 5      | 6      | 8.52   | 10     | < 1    |
| 18026          |         |         |         | < 0.2  | < 0.5  | 34     | 522    | 1      | 7      | 6      | 48      | 1.68   | 19      | 10     | 52     | 0.9    | < 2    | 1.56   | 11     | 8      | 3.10   | < 10   | < 1    |
| 18027          |         |         |         | 0.3    | 0.6    | 186    | 441    | 1      | 16     | 8      | 69      | 3.24   | 19      | < 10   | 42     | 0.9    | < 2    | 1.91   | 25     | 8      | 5.88   | < 10   | < 1    |
| 18028          |         |         |         | < 0.2  | < 0.5  | 25     | 239    | 3      | 10     | 2      | 26      | 1.73   | 6       | < 10   | 19     | 0.9    | < 2    | 0.52   | 17     | 13     | 5.87   | < 10   | < 1    |
| 18029          |         |         |         | 2.2    | 125    | 683    | 950    | < 1    | 4      | 15     | 9100    | 1.65   | 148     | < 10   | 21     | 0.9    | < 2    | 3.69   | 10     | 1      | 4.96   | < 10   | < 1    |
| 18030          |         |         |         | 4.3    | < 0.5  | 45     | 122    | < 1    | 10     | 21     | 87      | 1.25   | 158     | < 10   | 10     | 0.5    | 2      | 0.22   | 20     | 2      | 8.21   | < 10   | < 1    |
| 18031          |         |         |         | 1.2    | 0.6    | 698    | 789    | < 1    | 7      | 5      | 63      | 2.61   | 42      | < 10   | 26     | 0.7    | < 2    | 0.97   | 25     | 6      | 7.87   | 10     | 3      |
| 18032          |         |         |         | 1.5    | 0.8    | 759    | 273    | 6      | 15     | 3      | 36      | 1.88   | 3       | < 10   | 25     | 0.6    | < 2    | 0.39   | 26     | 9      | 6.59   | < 10   | < 1    |
| 18033          |         |         |         | < 0.2  | < 0.5  | 149    | 183    | 4      | 1      | < 2    | 21      | 1.17   | 9       | < 10   | 52     | < 0.5  | < 2    | 0.88   | 4      | 5      | 2.33   | < 10   | < 1    |
| 18034          |         |         | 1.35    | 13.5   | 139    | 846    | 1660   | 2      | 4      | 302    | > 10000 | 0.71   | 2740    | < 10   | 20     | < 0.5  | 22     | 10.9   | 22     | 2      | 8.11   | < 10   | 1      |
| 18035          |         |         |         | 1.4    | 1.7    | 656    | 603    | 2      | 7      | 2      | 156     | 2.45   | 7       | < 10   | 33     | 0.5    | < 2    | 1.77   | 28     | 6      | 7.85   | < 10   | 2      |
| 18036          | 141     |         | 2.66    | > 100  | 267    | 1550   | 7750   | 3      | 5      | 3050   | > 10000 | 0.26   | 290     | < 10   | < 10   | < 0.5  | 4      | 5.51   | 7      | 5      | 6.46   | < 10   | 2      |
| 18037          |         |         |         | 3.8    | 91.5   | 129    | 2390   | 1      | 4      | 2430   | 9080    | 0.65   | > 10000 | < 10   | < 10   | < 0.5  | 8      | 1.94   | 9      | 5      | 4.99   | < 10   | < 1    |
| 18044          |         |         |         | 50.3   | 17.0   | 470    | 104    | 9      | 4      | 1170   | 1580    | 0.78   | 1650    | < 10   | < 10   | < 0.5  | 58     | 0.03   | 21     | 2      | 10.5   | < 10   | 2      |
| 18045          |         |         | 0.938   | 2.6    | 167    | 788    | 924    | 6      | 2      | 37     | > 10000 | 1.62   | 189     | < 10   | 53     | 0.8    | < 2    | 2.42   | 11     | 3      | 3.05   | < 10   | < 1    |
| 18046          |         |         |         | 4.6    | 24.8   | 489    | 1130   | 3      | 11     | 43     | 2270    | 0.99   | 16      | < 10   | 29     | < 0.5  | 7      | 6.15   | 17     | 7      | 5.82   | < 10   | < 1    |
| 18047          |         |         |         | < 0.2  | 0.7    | 213    | 757    | 2      | 12     | 3      | 62      | 2.33   | 9       | < 10   | 34     | 0.7    | < 2    | 5.55   | 30     | 4      | 5.58   | < 10   | 1      |
| 18048          |         |         |         | < 0.2  | < 0.5  | 123    | 609    | < 1    | 15     | 5      | 64      | 2.18   | 8       | < 10   | 52     | 1.6    | < 2    | 2.19   | 15     | 20     | 3.98   | 10     | < 1    |
| 18049          |         |         |         | 0.8    | < 0.5  | 590    | 265    | 8      | 14     | 8      | 33      | 1.33   | 10      | < 10   | 35     | 0.6    | < 2    | 0.73   | 29     | 17     | 5.19   | < 10   | < 1    |
| 18050          |         |         |         | < 0.2  | < 0.5  | 114    | 501    | < 1    | 49     | 9      | 61      | 2.31   | 10      | < 10   | 34     | 0.6    | < 2    | 2.33   | 20     | 100    | 5.01   | < 10   | < 1    |
| 18051          |         |         |         | 0.2    | 0.7    | 124    | 792    | 2      | 11     | 5      | 101     | 2.49   | 24      | < 10   | 40     | 0.7    | < 2    | 1.46   | 14     | 8      | 5.11   | 10     | < 1    |
| 18052          |         |         |         | < 0.2  | < 0.5  | 121    | 816    | 4      | 10     | 4      | 65      | 2.40   | 22      | < 10   | 32     | 1.1    | < 2    | 1.62   | 16     | 5      | 5.86   | 10     | < 1    |
| 18053          |         |         |         | 9.5    | 11.8   | 129    | 8960   | < 1    | < 1    | 219    | 1350    | 0.23   | > 10000 | < 10   | 13     | < 0.5  | 14     | 17.7   | 3      | < 1    | 3.08   | < 10   | < 1    |
| 18054          |         |         |         | 1.1    | 44.6   | 121    | 2610   | < 1    | 3      | 58     | 4680    | 1.38   | 9       | < 10   | 25     | 1.1    | < 2    | 13.6   | 10     | 2      | 4.75   | < 10   | 2      |
| 18055          |         |         |         | 0.5    | 24.4   | 315    | 3240   | < 1    | 12     | 25     | 2400    | 1.07   | 64      | < 10   | 12     | 1.3    | < 2    | 16.3   | 23     | 2      | 4.18   | < 10   | < 1    |
| 18066          |         |         |         | 0.9    | 0.6    | 1      | 5180   | < 1    | 8      | 5      | 39      | 1.33   | 57      | < 10   | 25     | < 0.5  | < 2    | 12.4   | 7      | 8      | 4.68   | < 10   | 1      |
| 18067          |         | 3.50    | 6.23    | 33.2   | 453    | 107    | 4990   | < 1    | 1      | > 5000 | > 10000 | 0.20   | 64      | < 10   | < 10   | < 0.5  | 22     | 5.15   | 1      | 6      | 6.32   | < 10   | 3      |
| 18068          |         |         | 2.75    | 48.8   | 230    | 715    | 8760   | < 1    | 4      | 1040   | > 10000 | 0.09   | 31      | < 10   | < 10   | < 0.5  | 16     | 12.6   | 3      | 6      | 5.83   | < 10   | 2      |
| 18069          |         | 1.77    | 8.52    | 22.1   | 658    | 26     | 6720   | < 1    | 2      | > 5000 | > 10000 | 0.08   | 10      | < 10   | < 10   | < 0.5  | 18     | 6.89   | 2      | 9      | 5.01   | < 10   | 2      |
| 18070          |         | 5.75    | 7.13    | 51.8   | 563    | 387    | 12700  | 2      | 5      | > 5000 | > 10000 | 0.13   | 17      | < 10   | < 10   | 0.7    | 11     | 0.16   | 45     | 2      | 23.8   | < 10   | < 1    |
| 18234          |         |         |         | 0.4    | 1.3    | 140    | 555    | 2      | 7      | 27     | 148     | 2.64   | 14      | < 10   | 22     | 1.5    | 2      | 2.11   | 22     | 7      | 5.34   | 10     | < 1    |
| 18235          |         |         |         | 0.3    | 1.3    | 94     | 626    | 5      | 25     | 50     | 150     | 2.38   | 13      | < 10   | 39     | 0.8    | < 2    | 1.38   | 12     | 49     | 5.09   | 10     | < 1    |
| 18236          |         |         |         | < 0.2  | < 0.5  | 22     | 1570   | < 1    | 3      | 4      | 40      | 0.30   | 2090    | < 10   | < 10   | < 0.5  | < 2    | 16.3   | < 1    | < 1    | 6.18   | < 10   | 2      |
| 18237          |         |         |         | < 0.2  | 1.1    | 7      | 2260   | < 1    | < 1    | 5      | 114     | 0.36   | 161     | < 10   | < 10   | < 0.5  | < 2    | 21.1   | 1      | < 1    | 1.63   | < 10   | < 1    |
| 18238          |         |         |         | 0.2    | 0.6    | 228    | 721    | 5      | 11     | 7      | 76      | 2.31   | 35      | < 10   | 44     | 0.7    | < 2    | 3.02   | 14     | 9      | 4.81   | < 10   | < 1    |
| 18239          |         |         |         | 0.3    | < 0.5  | 136    | 872    | 2      | 110    | 13     | 95      | 2.42   | 6       | < 10   | 18     | 0.7    | 6      | 1.39   | 19     | 394    | 6.75   | 10     | < 1    |
| 18240          |         |         |         | < 0.2  | < 0.5  | 22     | 1940   | < 1    | 4      | 27     | 55      | 0.35   | 153     | < 10   | < 10   | < 0.5  | < 2    | 19.5   | 3      | 3      | 1.71   | < 10   | < 1    |
| 18197          |         |         |         | 2.2    | 0.9    | 28     | 4240   | 1      | 3      | 8      | 52      | 0.38   | 18      | < 10   | 99     | < 0.5  | 3      | 17.7   | 2      | 3      | 1.94   | < 10   | 1      |

| Analyte Symbol | Ag      | Pb      | Zn      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     |
|----------------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm     | %       | %       | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    |
| Lower Limit    | 3       | 0.003   | 0.001   | 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      |
| Method Code    | ICP-OES | ICP-OES | ICP-OES | 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 |
| 18198          | 745     |         |         | > 100  | 13.8   | 2640   | 5980   | < 1    | 3      | < 2    | 416    | 0.05   | 38     | < 10   | 15     | < 0.5  | < 2    | 18.5   | 8      | 6      | 2.01   | < 10   | 10     |
| 18199          |         |         |         | 1.2    | < 0.5  | 14     | 4230   | < 1    | 6      | 3      | 18     | 0.65   | 36     | < 10   | 36     | < 0.5  | < 2    | 17.2   | 4      | 8      | 2.41   | < 10   | 1      |
| 18200          |         |         |         | 1.8    | < 0.5  | 15     | 1040   | < 1    | 9      | < 2    | 21     | 2.29   | 11     | < 10   | 143    | < 0.5  | < 2    | 11.8   | 6      | 12     | 3.80   | < 10   | < 1    |
| 2641901        |         |         |         | 1.6    | 25.6   | 381    | 1390   | < 1    | 8      | 157    | 3400   | 2.17   | 17     | < 10   | 28     | 1.6    | < 2    | 5.20   | 11     | 5      | 4.69   | 10     | < 1    |
| 2641902        |         |         |         | 1.9    | 6.3    | 288    | 1340   | 3      | 7      | 48     | 987    | 2.02   | 21     | < 10   | 41     | 1.7    | < 2    | 4.44   | 16     | 5      | 3.70   | < 10   | < 1    |
| 2641903        |         |         |         | 0.7    | 5.4    | 97     | 1200   | < 1    | 10     | 9      | 812    | 1.76   | 20     | < 10   | 25     | 1.2    | < 2    | 1.90   | 12     | 9      | 4.93   | < 10   | < 1    |
| 2641904        |         |         |         | 2.9    | 64.9   | 333    | 2660   | 2      | 10     | 97     | 8440   | 2.89   | 5180   | < 10   | 29     | 3.1    | 3      | 5.67   | 36     | 3      | 5.81   | < 10   | < 1    |
| 2641905        |         |         |         | 0.5    | 2.5    | 149    | 1250   | 1      | 8      | 5      | 472    | 4.21   | 7      | 15     | 21     | 1.9    | < 2    | 3.72   | 17     | 8      | 5.68   | 20     | 1      |
| 2641906        |         |         |         | 0.7    | 8.3    | 162    | 1480   | 1      | 6      | 39     | 825    | 4.34   | 12     | 14     | 19     | 1.6    | < 2    | 2.36   | 19     | 3      | 6.82   | 20     | 2      |
| 2641907        |         |         |         | 0.3    | 9.1    | 258    | 1550   | 2      | 6      | 8      | 1050   | 4.25   | 5      | 14     | 29     | 1.9    | < 2    | 3.06   | 19     | 3      | 6.14   | 20     | 3      |
| 2641908        |         |         |         | 0.5    | 2.4    | 184    | 1500   | 5      | 13     | 10     | 241    | 3.67   | 16     | < 10   | 36     | 1.6    | < 2    | 4.66   | 22     | 10     | 5.63   | 10     | 2      |
| 2641909        |         |         |         | 0.7    | 5.3    | 195    | 1600   | < 1    | 10     | 22     | 656    | 2.73   | 10     | 10     | 33     | 2.1    | < 2    | 6.72   | 17     | 9      | 5.63   | 10     | < 1    |
| 2641910        |         |         |         | 1.3    | 1.9    | 1050   | 915    | 4      | 8      | 3      | 207    | 1.62   | 3      | < 10   | 36     | 0.7    | < 2    | 2.34   | 16     | 8      | 5.62   | < 10   | < 1    |
| 2641911        |         |         |         | 1.1    | 2.3    | 2610   | 1260   | 4      | 39     | 16     | 242    | 1.54   | 44     | < 10   | 85     | 1.5    | < 2    | 4.87   | 30     | 51     | 3.49   | < 10   | < 1    |
| 2641912        |         |         |         | 0.2    | 0.6    | 886    | 1600   | 5      | 12     | < 2    | 83     | 1.31   | 112    | < 10   | 89     | 1.1    | < 2    | 16.0   | 16     | 11     | 2.68   | < 10   | < 1    |
| 2641913        |         |         |         | 0.4    | < 0.5  | 719    | 1410   | 17     | 33     | < 2    | 225    | 3.63   | 8      | < 10   | 41     | 1.6    | < 2    | 3.48   | 34     | 66     | 7.25   | 10     | 2      |
| 2641914        |         |         |         | 0.3    | < 0.5  | 180    | 388    | 2      | 23     | 2      | 28     | 1.27   | 10     | < 10   | 19     | < 0.5  | < 2    | 1.11   | 92     | 51     | 6.75   | < 10   | 2      |
| 2641915        |         |         |         | < 0.2  | 0.9    | 296    | 2090   | 7      | 38     | < 2    | 98     | 1.67   | 32     | < 10   | 34     | 0.7    | < 2    | 13.8   | 14     | 33     | 3.80   | < 10   | < 1    |
| 2641916        |         |         |         | < 0.2  | < 0.5  | 11     | 2920   | < 1    | < 1    | < 2    | 14     | 0.35   | 8      | < 10   | 59     | < 0.5  | < 2    | 16.8   | 2      | 5      | 4.43   | < 10   | 1      |
| 19886          |         |         |         | 1.2    | 5.8    | 240    | 2110   | 4      | 7      | 310    | 722    | 2.54   | 64     | < 10   | 37     | 1.4    | < 2    | 0.58   | 44     | 6      | 6.44   | < 10   | < 1    |
| 19887          |         |         |         | 0.7    | 4.8    | 205    | 1960   | < 1    | 8      | 35     | 824    | 1.64   | 9      | < 10   | 34     | 1.2    | < 2    | 4.93   | 13     | 7      | 3.07   | < 10   | < 1    |
| 19888          |         |         |         | < 0.2  | 10.6   | 534    | 3610   | < 1    | 12     | 15     | 1190   | 2.03   | 10     | < 10   | 22     | 4.9    | < 2    | 11.6   | 25     | 2      | 3.22   | < 10   | 1      |
| 19889          |         |         |         | 2.3    | 5.5    | 199    | 2520   | 2      | 5      | 35     | 817    | 1.53   | 140    | < 10   | 20     | 1.0    | < 2    | 9.90   | 10     | 3      | 4.07   | < 10   | < 1    |
| 19890          |         |         |         | 0.6    | 3.1    | 106    | 3900   | < 1    | 5      | 16     | 521    | 0.70   | 834    | < 10   | 50     | < 0.5  | 7      | 14.5   | 9      | 4      | 3.07   | < 10   | < 1    |
| 19891          |         |         |         | 0.2    | 1.9    | 179    | 2740   | < 1    | 5      | 8      | 274    | 1.08   | 17     | < 10   | 39     | 0.7    | < 2    | 12.6   | 7      | 2      | 3.27   | < 10   | < 1    |
| 19892          |         |         |         | 0.8    | 2.0    | 508    | 983    | 6      | 20     | 57     | 570    | 1.93   | 23     | < 10   | 41     | 1.1    | < 2    | 2.31   | 36     | 17     | 6.00   | < 10   | < 1    |
| 19893          |         |         |         | 1.3    | 11.1   | 1220   | 1520   | 24     | 15     | 147    | 2860   | 2.15   | 16     | < 10   | 37     | 1.6    | < 2    | 6.18   | 27     | 15     | 3.32   | 10     | < 1    |
| 19894          |         |         |         | 0.6    | < 0.5  | 679    | 1030   | 10     | 13     | 2      | 85     | 2.76   | 17     | < 10   | 107    | 1.0    | < 2    | 2.22   | 21     | 24     | 6.30   | 10     | 1      |
| 19895          |         |         |         | 0.5    | 3.6    | 1220   | 1080   | 87     | 14     | 70     | 881    | 2.69   | 170    | < 10   | 84     | 1.9    | < 2    | 2.72   | 34     | 8      | 4.64   | 10     | < 1    |
| 19896          |         |         |         | < 0.2  | < 0.5  | 194    | 2430   | 3      | 15     | < 2    | 46     | 0.79   | 27     | < 10   | 18     | 0.7    | < 2    | 16.5   | 14     | 6      | 3.50   | < 10   | < 1    |
| 19897          |         |         |         | < 0.2  | < 0.5  | 208    | 1070   | 18     | 7      | 2      | 49     | 0.68   | 22     | < 10   | 33     | 0.6    | < 2    | 6.56   | 9      | 10     | 3.23   | < 10   | < 1    |
| 19898          |         |         |         | 1.5    | 3.3    | 288    | 6510   | < 1    | 19     | 94     | 540    | 0.93   | 842    | < 10   | 14     | 0.6    | < 2    | 12.2   | 10     | 6      | 3.02   | < 10   | 2      |
| 19899          |         |         |         | < 0.2  | < 0.5  | 91     | 858    | 9      | 8      | < 2    | 33     | 2.20   | 10     | < 10   | 38     | 0.5    | < 2    | 11.6   | 11     | 5      | 4.03   | < 10   | 1      |
| 19900          |         |         |         | 0.3    | < 0.5  | 103    | 1600   | 5      | 14     | 3      | 47     | 1.60   | 20     | < 10   | 17     | < 0.5  | < 2    | 11.7   | 15     | 21     | 4.26   | < 10   | < 1    |
| 2641917        |         |         |         | 7.5    | 20.1   | 172    | 4140   | < 1    | 13     | 1190   | 2440   | 0.83   | 2990   | < 10   | 36     | < 0.5  | < 2    | 14.9   | 7      | 12     | 3.35   | < 10   | 1      |
| 2641918        |         |         |         | 0.3    | < 0.5  | 140    | 1530   | 2      | 18     | < 2    | 44     | 1.55   | 26     | < 10   | 21     | 0.6    | < 2    | 12.1   | 16     | 16     | 5.42   | < 10   | < 1    |
| 18075          |         |         |         | 1.1    | 1.3    | 211    | 1820   | < 1    | 13     | 20     | 237    | 1.96   | 268    | < 10   | 26     | 1.0    | < 2    | 5.91   | 30     | 14     | 6.17   | < 10   | < 1    |

Results

| Analyte Symbol | K      | La     | Mg     | Na      | P      | S      | Sb      | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      | Au      |
|----------------|--------|--------|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol    | PCT    | ppm    | PCT    | PCT     | PCT    | PCT    | ppm     | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppb     | g/tonne |
| Lower Limit    | 0.01   | 10     | 0.01   | 0.001   | 0.001  | 0.01   | 2       | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 5       | 0.02    |
| Method Code    | AR-ICP | AR-ICP | AR-ICP | AR-ICP  | AR-ICP | AR-ICP | AR-ICP  | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA   | FA-GRA  |
| 18226          | 0.21   | 26     | 0.91   | 0.125   | 0.155  | 3.06   | 4       | 4      | 57     | 0.58   | 4      | < 2    | < 10   | 132    | < 10   | 14     | 11     | 113     |         |
| 18227          | 0.62   | 28     | 0.98   | 0.113   | 0.144  | 1.04   | 3       | 5      | 135    | 0.17   | < 1    | < 2    | < 10   | 114    | < 10   | 15     | 4      | 32      |         |
| 18228          | 0.29   | 26     | 1.63   | 0.142   | 0.254  | 3.52   | 5       | 9      | 107    | 0.41   | 5      | < 2    | < 10   | 186    | < 10   | 11     | 4      | 16      |         |
| 18229          | 0.32   | 21     | 1.99   | 0.070   | 0.272  | 3.53   | 11      | 10     | 56     | 0.40   | < 1    | < 2    | < 10   | 232    | < 10   | 12     | 4      | 21      |         |
| 18230          | 0.41   | 14     | 0.35   | 0.014   | 0.175  | 4.51   | 101     | 5      | 15     | 0.10   | 6      | < 2    | < 10   | 76     | < 10   | 9      | 5      | 485     |         |
| 18231          | 0.18   | 11     | 2.22   | 0.078   | 0.209  | 2.12   | 6       | 10     | 123    | 0.46   | 1      | < 2    | < 10   | 172    | < 10   | 9      | 5      | 77      |         |
| 18232          | 0.22   | < 10   | 0.31   | 0.011   | 0.030  | 1.65   | 18      | 2      | 219    | 0.06   | < 1    | < 2    | < 10   | 13     | < 10   | 5      | 1      | 111     |         |
| 18233          | 0.25   | 15     | 2.65   | 0.095   | 0.242  | 2.36   | 7       | 9      | 106    | 0.48   | 5      | < 2    | < 10   | 170    | < 10   | 10     | 6      | 93      |         |
| 18038          | 0.13   | 16     | 0.55   | 0.046   | 0.115  | 2.97   | 9       | 5      | 262    | 0.13   | < 1    | < 2    | < 10   | 90     | < 10   | 15     | 2      | 25      |         |
| 18039          | 0.92   | 24     | 1.91   | 0.672   | 0.294  | 1.49   | 2       | 5      | 451    | 0.50   | 4      | < 2    | < 10   | 171    | < 10   | 12     | 5      | 42      |         |
| 18040          | 0.28   | < 10   | 0.17   | 0.002   | 0.083  | 10.2   | 501     | 2      | 39     | < 0.01 | < 1    | < 2    | < 10   | 23     | < 10   | 5      | 2      | 4510    |         |
| 18041          | 0.28   | 29     | 1.29   | 0.126   | 0.237  | 0.50   | 4       | 8      | 103    | 0.40   | 2      | < 2    | < 10   | 162    | < 10   | 11     | 3      | 6       |         |
| 18042          | 0.13   | < 10   | 0.14   | < 0.001 | 0.017  | 4.05   | > 10000 | < 1    | 37     | < 0.01 | < 1    | < 2    | < 10   | 12     | < 10   | 3      | < 1    | 2750    |         |
| 18043          | 0.06   | < 10   | 0.06   | < 0.001 | 0.018  | 13.9   | > 10000 | < 1    | 27     | < 0.01 | < 1    | < 2    | < 10   | 8      | < 10   | 2      | 2      | 9470    |         |
| 18058          | 0.35   | < 10   | 1.35   | 0.069   | 0.084  | 0.25   | 72      | 16     | 39     | 0.13   | 2      | < 2    | < 10   | 184    | < 10   | 13     | 3      | 1680    |         |
| 18062          | 0.09   | < 10   | 1.67   | 0.139   | 0.104  | 0.22   | 20      | 14     | 80     | 0.26   | 6      | < 2    | < 10   | 183    | < 10   | 11     | 4      | 237     |         |
| 18063          | 0.13   | < 10   | 0.83   | 0.083   | 0.080  | 0.77   | 20      | 11     | 58     | 0.14   | 3      | < 2    | < 10   | 133    | < 10   | 12     | 5      | 2910    |         |
| 18064          | 0.13   | < 10   | 0.93   | 0.051   | 0.076  | 0.26   | 12      | 7      | 39     | 0.04   | 3      | < 2    | < 10   | 154    | < 10   | 9      | 4      | 496     |         |
| 18065          | 0.29   | < 10   | 1.30   | 0.081   | 0.093  | 1.51   | 14      | 13     | 66     | 0.14   | 3      | < 2    | < 10   | 153    | < 10   | 14     | 5      | 132     |         |
| 18170          | 0.23   | 20     | 1.89   | 0.185   | 0.233  | 2.55   | 10      | 9      | 164    | 0.18   | 2      | < 2    | < 10   | 180    | < 10   | 15     | 5      | 390     |         |
| 18171          | 0.44   | 22     | 1.76   | 0.121   | 0.256  | 2.40   | 18      | 10     | 139    | 0.13   | 11     | < 2    | < 10   | 165    | < 10   | 15     | 6      | 787     |         |
| 18172          | 0.70   | 19     | 1.84   | 0.061   | 0.208  | 2.25   | 11      | 9      | 116    | 0.08   | < 1    | < 2    | < 10   | 151    | < 10   | 14     | 5      | 314     |         |
| 18178          | 0.07   | 31     | 0.81   | 0.012   | 0.066  | 0.41   | 5       | 4      | 169    | 0.08   | 3      | < 2    | < 10   | 56     | < 10   | 22     | 3      | 28      |         |
| 18179          | 0.16   | 20     | 1.67   | 0.077   | 0.202  | 2.63   | 35      | 6      | 89     | 0.33   | 2      | < 2    | < 10   | 144    | < 10   | 14     | 5      | 9       |         |
| 18180          | 0.14   | 23     | 1.16   | 0.047   | 0.184  | 1.70   | 24      | 8      | 87     | 0.37   | 9      | < 2    | < 10   | 135    | < 10   | 13     | 6      | 11      |         |
| 18181          | 0.14   | 14     | 0.96   | 0.037   | 0.124  | 2.38   | 11      | 5      | 140    | 0.17   | < 1    | < 2    | < 10   | 100    | < 10   | 8      | 4      | 116     |         |
| 18182          | 0.05   | < 10   | 0.81   | 0.005   | 0.048  | 1.01   | 7       | 15     | 152    | < 0.01 | < 1    | < 2    | < 10   | 105    | < 10   | 19     | 1      | 8       |         |
| 18183          | 0.06   | < 10   | 0.81   | 0.010   | 0.022  | 0.13   | 12      | 6      | 53     | 0.07   | 12     | < 2    | < 10   | 149    | < 10   | 5      | 2      | 312     |         |
| 18184          | 0.08   | < 10   | 0.02   | 0.003   | 0.110  | 0.34   | 110     | 1      | 8      | < 0.01 | 1      | 6      | < 10   | 73     | < 10   | 2      | 2      | 66      |         |
| 18189          | 0.19   | < 10   | 1.32   | 0.085   | 0.082  | 0.35   | 9       | 11     | 73     | 0.08   | < 1    | < 2    | < 10   | 111    | < 10   | 13     | 2      | 470     |         |
| 18190          | 0.16   | < 10   | 0.90   | 0.001   | 0.057  | 5.39   | 46      | 7      | 77     | < 0.01 | 3      | < 2    | < 10   | 72     | < 10   | 15     | 2      | 81      |         |
| 18191          | 0.18   | < 10   | 1.22   | 0.122   | 0.090  | 0.16   | 13      | 11     | 57     | 0.15   | < 1    | < 2    | < 10   | 144    | < 10   | 10     | 4      | 5160    |         |
| 18192          | 0.30   | < 10   | 1.51   | 0.027   | 0.098  | 1.10   | 3       | 10     | 155    | < 0.01 | < 1    | < 2    | < 10   | 84     | < 10   | 11     | < 1    | 9       |         |
| 18193          | 0.16   | < 10   | 2.69   | 0.007   | 0.019  | 0.46   | 8       | 2      | 149    | < 0.01 | 2      | < 2    | < 10   | 13     | < 10   | 10     | < 1    | 18      |         |
| 18194          | 0.03   | < 10   | 0.36   | < 0.001 | 0.007  | 3.19   | 5       | 1      | 167    | < 0.01 | 2      | < 2    | < 10   | 4      | < 10   | 14     | 1      | < 5     |         |
| 18195          | 0.04   | < 10   | 0.83   | 0.003   | 0.002  | 1.45   | 38      | 4      | 182    | < 0.01 | 48     | < 2    | < 10   | 9      | < 10   | 17     | 27     | < 1     | 284     |
| 18196          | 0.05   | < 10   | 0.35   | 0.008   | 0.048  | 0.39   | 7       | 5      | 304    | < 0.01 | 2      | 3      | < 10   | 28     | < 10   | 9      | < 1    | < 5     |         |
| 18076          | 0.19   | 29     | 1.13   | 0.172   | 0.152  | 0.82   | 5       | 4      | 59     | 0.40   | 2      | < 2    | < 10   | 134    | < 10   | 13     | 6      | 13      |         |
| 18077          | 0.18   | 19     | 0.96   | 0.159   | 0.236  | 1.61   | 17      | 12     | 91     | 0.44   | 6      | < 2    | < 10   | 160    | < 10   | 12     | 6      | 65      |         |
| 18078          | 0.23   | < 10   | 0.05   | 0.006   | 0.066  | 4.34   | 1730    | 2      | 32     | < 0.01 | 7      | < 2    | < 10   | 13     | < 10   | 2      | 3      | 4710    |         |
| 18079          | 0.67   | 19     | 0.48   | 0.018   | 0.254  | 0.47   | 11      | 4      | 19     | < 0.01 | < 1    | < 2    | < 10   | 63     | < 10   | 4      | 2      | 195     |         |
| 18080          | 0.47   | < 10   | 0.16   | 0.004   | 0.188  | 0.97   | 168     | 3      | 14     | 0.02   | 2      | < 2    | < 10   | 48     | < 10   | 4      | 3      | 4740    |         |
| 18081          | 0.34   | < 10   | 0.18   | < 0.001 | 0.091  | 5.06   | 368     | 2      | 64     | < 0.01 | 7      | < 2    | < 10   | 22     | < 10   | 5      | 3      | > 10000 | 12.8    |
| 18082          | 0.97   | 13     | 2.12   | 0.081   | 0.232  | 4.29   | 7       | 13     | 53     | 0.24   | 7      | < 2    | < 10   | 182    | < 10   | 10     | 10     | 28      |         |
| 18083          | 0.59   | 15     | 0.79   | 0.032   | 0.212  | 1.32   | 199     | 7      | 37     | 0.03   | < 1    | 4      | < 10   | 99     | < 10   | 8      | 3      | 3180    |         |
| 18084          | 0.25   | < 10   | 0.56   | 0.004   | 0.100  | 3.49   | 50      | 4      | 189    | < 0.01 | 5      | < 2    | < 10   | 41     | < 10   | 11     | 2      | 1940    |         |
| 18085          | 0.15   | < 10   | 0.71   | 0.045   | 0.089  | 8.18   | 62      | 5      | 17     | 0.12   | 2      | < 2    | < 10   | 211    | < 10   | 5      | 6      | 1430    |         |
| 18086          | 0.97   | 14     | 2.16   | 0.171   | 0.218  | 3.47   | 7       | 13     | 82     | 0.30   | 2      | < 2    | < 10   | 198    | < 10   | 10     | 11     | 34      |         |
| 18087          | 0.35   | < 10   | 0.13   | < 0.001 | 0.081  | 5.69   | 173     | 1      | 87     | < 0.01 | < 1    | < 2    | < 10   | 16     | 11     | 8      | 5      | > 10000 | 13.7    |

| Analyte Symbol | K      | La     | Mg     | Na      | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      | Au      |
|----------------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol    | PCT    | ppm    | PCT    | PCT     | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppb     | g/tonne |
| Lower Limit    | 0.01   | 10     | 0.01   | 0.001   | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 5       | 0.02    |
| Method Code    | AR-ICP | AR-ICP | AR-ICP | AR-ICP  | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA   | FA-GRA  |
| 18088          | 0.17   | < 10   | 0.07   | < 0.001 | 0.035  | 8.52   | 443    | < 1    | 27     | < 0.01 | 1      | < 2    | < 10   | 15     | 17     | 4      | 4      | > 10000 | 18.5    |
| 18089          | 0.14   | 22     | 1.06   | 0.134   | 0.159  | 1.02   | 8      | 9      | 112    | 0.27   | 4      | < 2    | < 10   | 146    | < 10   | 11     | 5      | 40      |         |
| 18090          | 0.32   | 23     | 1.74   | 0.174   | 0.256  | 1.49   | 4      | 7      | 233    | 0.44   | 3      | < 2    | < 10   | 199    | < 10   | 10     | 3      | 54      |         |
| 18091          | 0.32   | 30     | 0.42   | 0.054   | 0.088  | 0.13   | 6      | 8      | 34     | 0.03   | 7      | < 2    | < 10   | 57     | < 10   | 22     | 3      | 1550    |         |
| 18092          | 0.22   | 18     | 1.56   | 0.079   | 0.264  | 1.57   | 4      | 9      | 103    | 0.39   | 5      | < 2    | < 10   | 191    | < 10   | 9      | 3      | 17      |         |
| 18093          | 0.38   | 34     | 0.65   | 0.016   | 0.123  | 0.17   | 3      | 8      | 30     | 0.03   | < 1    | < 2    | < 10   | 103    | < 10   | 37     | 3      | 265     |         |
| 18094          | 0.19   | 30     | 1.03   | 0.144   | 0.207  | 0.82   | 3      | 10     | 107    | 0.50   | 11     | < 2    | < 10   | 179    | < 10   | 12     | 2      | 346     |         |
| 18095          | 0.21   | 28     | 1.14   | 0.110   | 0.168  | 0.17   | 3      | 15     | 50     | 0.35   | 3      | < 2    | < 10   | 185    | < 10   | 21     | 4      | 10      |         |
| 18096          | 0.15   | 21     | 0.47   | 0.080   | 0.083  | 0.04   | 2      | 7      | 47     | 0.14   | 5      | < 2    | < 10   | 73     | < 10   | 18     | 3      | 9       |         |
| 18097          | 0.10   | 17     | 1.67   | 0.052   | 0.227  | 4.92   | 6      | 14     | 58     | 0.44   | 3      | < 2    | < 10   | 211    | < 10   | 11     | 8      | 18      |         |
| 18098          | 0.06   | < 10   | 0.16   | < 0.001 | 0.019  | 1.20   | 11     | 1      | 260    | < 0.01 | < 1    | < 2    | < 10   | 7      | < 10   | 4      | < 1    | 10      |         |
| 18099          | 0.34   | 18     | 1.94   | 0.186   | 0.205  | 2.98   | 3      | 8      | 112    | 0.54   | 7      | < 2    | < 10   | 198    | < 10   | 10     | 6      | 11      |         |
| 18100          | 0.27   | 16     | 1.78   | 0.099   | 0.236  | 0.90   | 7      | 10     | 55     | 0.37   | 4      | < 2    | < 10   | 243    | < 10   | 7      | 3      | 291     |         |
| 18026          | 0.19   | 27     | 1.01   | 0.143   | 0.167  | 0.62   | 9      | 4      | 104    | 0.43   | 6      | < 2    | < 10   | 140    | < 10   | 14     | 5      | 10      |         |
| 18027          | 0.85   | 22     | 1.90   | 0.473   | 0.284  | 2.39   | 3      | 9      | 232    | 0.46   | 4      | < 2    | < 10   | 170    | < 10   | 11     | 6      | 22      |         |
| 18028          | 0.64   | 17     | 1.74   | 0.087   | 0.203  | 3.52   | 4      | 11     | 62     | 0.19   | < 1    | < 2    | < 10   | 181    | < 10   | 9      | 6      | 13      |         |
| 18029          | 0.50   | 19     | 0.64   | 0.008   | 0.221  | 3.07   | 8      | 4      | 65     | < 0.01 | 1      | < 2    | < 10   | 58     | < 10   | 15     | 1      | 903     |         |
| 18030          | 0.67   | 12     | 0.16   | 0.008   | 0.201  | 6.18   | 24     | 4      | 21     | < 0.01 | 2      | < 2    | < 10   | 45     | < 10   | 4      | 4      | 121     |         |
| 18031          | 0.28   | 18     | 1.70   | 0.232   | 0.205  | 3.92   | 36     | 8      | 106    | 0.36   | 2      | < 2    | < 10   | 207    | 15     | 11     | 3      | 25      |         |
| 18032          | 0.46   | 22     | 1.46   | 0.058   | 0.148  | 2.62   | 3      | 8      | 22     | 0.16   | 3      | < 2    | < 10   | 140    | < 10   | 12     | 5      | 32      |         |
| 18033          | 0.17   | 19     | 0.50   | 0.106   | 0.096  | 0.87   | < 2    | 4      | 63     | 0.19   | 4      | < 2    | < 10   | 64     | < 10   | 13     | 5      | 21      |         |
| 18034          | 0.28   | < 10   | 0.42   | < 0.001 | 0.083  | 5.85   | 29     | 2      | 247    | < 0.01 | 7      | < 2    | < 10   | 15     | 15     | 6      | 2      | 691     |         |
| 18035          | 0.34   | 13     | 1.82   | 0.190   | 0.170  | 2.00   | 4      | 12     | 83     | 0.22   | < 1    | < 2    | < 10   | 172    | < 10   | 13     | 2      | 15      |         |
| 18036          | 0.13   | < 10   | 1.85   | 0.002   | 0.054  | 4.86   | 759    | < 1    | 72     | < 0.01 | 2      | < 2    | < 10   | 8      | 22     | 22     | 1      | 3030    |         |
| 18037          | 0.27   | < 10   | 0.18   | < 0.001 | 0.046  | 2.11   | 742    | 2      | 26     | < 0.01 | < 1    | < 2    | < 10   | 15     | < 10   | 4      | 2      | 7520    |         |
| 18044          | 0.40   | < 10   | 0.05   | 0.004   | 0.043  | 11.7   | 14     | < 1    | 184    | < 0.01 | 3      | < 2    | < 10   | 11     | < 10   | 2      | 3      | 4060    |         |
| 18045          | 0.32   | 19     | 0.40   | 0.014   | 0.093  | 0.80   | 14     | 5      | 42     | < 0.01 | < 1    | < 2    | < 10   | 38     | < 10   | 35     | 1      | 94      |         |
| 18046          | 0.34   | < 10   | 0.84   | 0.001   | 0.177  | 2.47   | 18     | 6      | 154    | < 0.01 | 2      | < 2    | < 10   | 50     | < 10   | 14     | 1      | 183     |         |
| 18047          | 0.29   | 30     | 1.35   | 0.201   | 0.252  | 3.17   | 6      | 12     | 146    | 0.16   | < 1    | < 2    | < 10   | 227    | < 10   | 17     | 1      | 13      |         |
| 18048          | 0.25   | 29     | 1.51   | 0.127   | 0.212  | 0.82   | 4      | 8      | 117    | 0.35   | 1      | < 2    | < 10   | 150    | < 10   | 11     | 3      | 7       |         |
| 18049          | 0.45   | 25     | 0.64   | 0.062   | 0.166  | 2.23   | 4      | 8      | 34     | 0.25   | 4      | < 2    | < 10   | 142    | < 10   | 13     | 5      | 206     |         |
| 18050          | 0.18   | 16     | 1.78   | 0.153   | 0.221  | 2.10   | 5      | 8      | 180    | 0.33   | 4      | < 2    | < 10   | 125    | < 10   | 10     | 3      | 191     |         |
| 18051          | 0.29   | 13     | 2.03   | 0.104   | 0.189  | 1.34   | 15     | 8      | 80     | 0.31   | < 1    | < 2    | < 10   | 165    | < 10   | 11     | 3      | 109     |         |
| 18052          | 0.30   | 21     | 1.92   | 0.089   | 0.214  | 2.31   | 5      | 9      | 69     | 0.34   | 2      | < 2    | < 10   | 197    | < 10   | 13     | 3      | 24      |         |
| 18053          | 0.06   | 11     | 0.35   | < 0.001 | 0.013  | 1.60   | 48     | < 1    | 336    | < 0.01 | < 1    | < 2    | < 10   | 5      | < 10   | 8      | < 1    | 1820    |         |
| 18054          | 0.06   | 27     | 0.64   | 0.114   | 0.091  | 3.50   | 26     | 6      | 379    | 0.19   | < 1    | < 2    | < 10   | 97     | < 10   | 17     | 3      | 44      |         |
| 18055          | 0.07   | 29     | 0.53   | 0.009   | 0.049  | 2.49   | 24     | 4      | 175    | 0.07   | 2      | < 2    | < 10   | 80     | < 10   | 20     | 2      | 43      |         |
| 18066          | 0.03   | < 10   | 0.81   | < 0.001 | 0.063  | 0.83   | 18     | 9      | 181    | 0.01   | 4      | < 2    | < 10   | 92     | < 10   | 15     | 1      | 20      |         |
| 18067          | < 0.01 | < 10   | 0.12   | < 0.001 | 0.007  | 4.12   | 28     | < 1    | 43     | < 0.01 | 10     | < 2    | < 10   | 5      | 17     | 11     | 1      | 195     |         |
| 18068          | < 0.01 | < 10   | 1.05   | < 0.001 | 0.007  | 2.68   | 157    | < 1    | 74     | < 0.01 | 6      | < 2    | < 10   | 7      | 29     | 12     | < 1    | 111     |         |
| 18069          | < 0.01 | < 10   | 0.77   | < 0.001 | 0.007  | 4.30   | 14     | < 1    | 42     | < 0.01 | 4      | < 2    | < 10   | 3      | < 10   | 5      | < 1    | 74      |         |
| 18070          | < 0.01 | < 10   | 0.04   | < 0.001 | 0.014  | 1.71   | 43     | < 1    | 11     | < 0.01 | 4      | < 2    | < 10   | 11     | 54     | 14     | 5      | 18      |         |
| 18234          | 0.09   | 23     | 1.53   | 0.066   | 0.180  | 1.97   | 9      | 7      | 51     | 0.29   | 6      | < 2    | < 10   | 128    | < 10   | 13     | 6      | 120     |         |
| 18235          | 0.20   | 19     | 2.28   | 0.106   | 0.201  | 1.14   | 8      | 9      | 95     | 0.38   | 6      | < 2    | < 10   | 158    | < 10   | 11     | 5      | 103     |         |
| 18236          | 0.10   | < 10   | 0.16   | < 0.001 | 0.016  | 2.82   | 94     | < 1    | 320    | < 0.01 | < 1    | < 2    | < 10   | 7      | < 10   | 6      | 1      | < 5     |         |
| 18237          | 0.02   | < 10   | 0.55   | < 0.001 | 0.005  | 0.81   | 9      | < 1    | 245    | < 0.01 | < 1    | < 2    | < 10   | 6      | < 10   | 5      | < 1    | < 5     |         |
| 18238          | 0.21   | 14     | 2.07   | 0.225   | 0.186  | 1.55   | 25     | 15     | 109    | 0.35   | 3      | < 2    | < 10   | 189    | < 10   | 13     | 5      | 71      |         |
| 18239          | 0.17   | 16     | 2.88   | 0.052   | 0.155  | 2.55   | 11     | 13     | 48     | 0.34   | 5      | < 2    | < 10   | 131    | < 10   | 9      | 4      | 27      |         |
| 18240          | 0.09   | < 10   | 0.26   | < 0.001 | 0.028  | 1.02   | 10     | 2      | 309    | < 0.01 | < 1    | < 2    | < 10   | 10     | < 10   | 4      | < 1    | 25      |         |
| 18197          | 0.07   | < 10   | 1.66   | 0.004   | 0.022  | 0.24   | 18     | 2      | 199    | < 0.01 | 2      | < 2    | < 10   | 13     | < 10   | 12     | < 1    | < 5     |         |



| Analyte Symbol | K      | La     | Mg     | Na      | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au    | Au      |
|----------------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---------|
| Unit Symbol    | PCT    | ppm    | PCT    | PCT     | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppb   | g/tonne |
| Lower Limit    | 0.01   | 10     | 0.01   | 0.001   | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 5     | 0.02    |
| Method Code    | AR-ICP | AR-ICP | AR-ICP | AR-ICP  | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA | FA-GRA  |
| 18198          | 0.01   | < 10   | 0.74   | < 0.001 | 0.004  | 0.89   | 1990   | < 1    | 197    | < 0.01 | < 1    | < 2    | < 10   | 2      | < 10   | 11     | < 1    | 23    |         |
| 18199          | 0.07   | < 10   | 0.43   | 0.002   | 0.017  | 0.69   | 8      | 2      | 147    | < 0.01 | 5      | < 2    | < 10   | 18     | < 10   | 12     | < 1    | 11    |         |
| 18200          | 0.09   | < 10   | 1.65   | 0.014   | 0.115  | 0.24   | 11     | 9      | 77     | 0.08   | < 1    | < 2    | < 10   | 92     | < 10   | 10     | 2      | < 5   |         |
| 2641901        | 0.14   | 40     | 1.38   | 0.060   | 0.119  | 2.25   | 21     | 5      | 71     | 0.39   | 2      | < 2    | < 10   | 151    | < 10   | 13     | 5      | 52    |         |
| 2641902        | 0.32   | 33     | 1.25   | 0.052   | 0.135  | 1.44   | 27     | 7      | 76     | 0.37   | 2      | < 2    | < 10   | 154    | < 10   | 13     | 8      | 80    |         |
| 2641903        | 0.17   | 24     | 0.93   | 0.077   | 0.123  | 2.47   | 9      | 7      | 100    | 0.34   | 7      | < 2    | < 10   | 124    | < 10   | 12     | 8      | 99    |         |
| 2641904        | 0.26   | 26     | 1.24   | 0.023   | 0.122  | 2.22   | 17     | 5      | 98     | 0.21   | 9      | < 2    | < 10   | 111    | 10     | 14     | 5      | 321   |         |
| 2641905        | 0.12   | 23     | 1.74   | 0.046   | 0.184  | 2.16   | 3      | 12     | 62     | 0.44   | 4      | < 2    | < 10   | 216    | < 10   | 11     | 9      | 14    |         |
| 2641906        | 0.08   | 15     | 2.45   | 0.064   | 0.242  | 1.83   | 3      | 10     | 51     | 0.32   | 1      | < 2    | < 10   | 196    | < 10   | 12     | 7      | 15    |         |
| 2641907        | 0.12   | 17     | 1.98   | 0.050   | 0.221  | 1.33   | 8      | 9      | 60     | 0.31   | < 1    | < 2    | < 10   | 188    | < 10   | 12     | 6      | 32    |         |
| 2641908        | 0.28   | 15     | 2.02   | 0.222   | 0.163  | 2.59   | 7      | 9      | 146    | 0.45   | 4      | < 2    | < 10   | 183    | < 10   | 9      | 6      | 40    |         |
| 2641909        | 0.14   | 25     | 1.27   | 0.056   | 0.111  | 3.09   | 14     | 8      | 79     | 0.23   | 2      | < 2    | < 10   | 145    | < 10   | 11     | 6      | 25    |         |
| 2641910        | 0.17   | 30     | 1.27   | 0.057   | 0.172  | 1.98   | 6      | 9      | 49     | 0.35   | 3      | < 2    | < 10   | 167    | < 10   | 14     | 6      | 171   |         |
| 2641911        | 0.20   | 30     | 1.11   | 0.044   | 0.149  | 0.46   | 7      | 8      | 64     | 0.20   | 2      | < 2    | < 10   | 140    | < 10   | 16     | 2      | 51    |         |
| 2641912        | 0.23   | 29     | 0.66   | 0.299   | 0.094  | 0.96   | 7      | 5      | 219    | 0.14   | 1      | < 2    | < 10   | 79     | < 10   | 21     | 4      | 26    |         |
| 2641913        | 0.80   | 35     | 2.94   | 0.128   | 0.260  | 3.12   | 4      | 11     | 142    | 0.26   | 3      | < 2    | < 10   | 217    | < 10   | 12     | 3      | 11    |         |
| 2641914        | 0.15   | 16     | 1.09   | 0.101   | 0.162  | 3.90   | 3      | 7      | 50     | 0.40   | 5      | < 2    | < 10   | 141    | < 10   | 10     | 4      | 14    |         |
| 2641915        | 0.25   | 16     | 1.14   | 0.010   | 0.075  | 0.63   | 10     | 6      | 265    | 0.01   | 2      | < 2    | < 10   | 54     | < 10   | 14     | 1      | 8     |         |
| 2641916        | 0.02   | < 10   | 1.65   | < 0.001 | 0.006  | 0.95   | 3      | < 1    | 321    | < 0.01 | 1      | < 2    | < 10   | 9      | < 10   | 14     | < 1    | < 5   |         |
| 19886          | 0.41   | 13     | 0.73   | 0.030   | 0.212  | 0.35   | 9      | 25     | 38     | 0.17   | 5      | < 2    | < 10   | 155    | < 10   | 7      | 2      | 24    |         |
| 19887          | 0.15   | 32     | 0.90   | 0.086   | 0.114  | 0.83   | 23     | 8      | 119    | 0.31   | 2      | < 2    | < 10   | 121    | < 10   | 17     | 11     | 13    |         |
| 19888          | 0.15   | 74     | 0.74   | 0.024   | 0.058  | 0.64   | 4      | 2      | 126    | 0.10   | < 1    | < 2    | < 10   | 68     | < 10   | 42     | 6      | 25    |         |
| 19889          | 0.16   | 25     | 0.99   | 0.089   | 0.101  | 2.02   | 10     | 4      | 191    | 0.19   | 5      | < 2    | < 10   | 96     | < 10   | 13     | 2      | 251   |         |
| 19890          | 0.11   | 19     | 0.63   | 0.008   | 0.065  | 1.84   | 17     | 5      | 205    | < 0.01 | 2      | < 2    | < 10   | 49     | < 10   | 17     | 1      | 300   |         |
| 19891          | 0.13   | 35     | 0.67   | 0.077   | 0.085  | 1.68   | 6      | 4      | 208    | 0.18   | 2      | < 2    | < 10   | 81     | < 10   | 20     | 2      | 28    |         |
| 19892          | 0.38   | 24     | 1.66   | 0.117   | 0.230  | 2.30   | 8      | 13     | 50     | 0.41   | 9      | < 2    | < 10   | 238    | < 10   | 11     | 3      | 15    |         |
| 19893          | 0.38   | 34     | 0.97   | 0.079   | 0.138  | 0.75   | 7      | 8      | 130    | 0.29   | 1      | < 2    | < 10   | 139    | < 10   | 23     | 4      | 10    |         |
| 19894          | 0.31   | 16     | 2.10   | 0.093   | 0.231  | 0.56   | 5      | 10     | 134    | 0.46   | 4      | < 2    | < 10   | 243    | < 10   | 9      | 4      | 24    |         |
| 19895          | 0.40   | 26     | 1.52   | 0.121   | 0.210  | 1.02   | 7      | 9      | 144    | 0.43   | 4      | < 2    | < 10   | 175    | < 10   | 14     | 5      | 12    |         |
| 19896          | 0.13   | 16     | 0.61   | 0.009   | 0.049  | 1.04   | 4      | 5      | 203    | 0.07   | 3      | < 2    | < 10   | 39     | < 10   | 15     | 1      | < 5   |         |
| 19897          | 0.14   | 18     | 0.84   | 0.037   | 0.078  | 1.66   | 10     | 5      | 65     | 0.21   | < 1    | < 2    | < 10   | 91     | < 10   | 9      | 4      | 13    |         |
| 19898          | 0.27   | 12     | 0.91   | 0.001   | 0.097  | 0.86   | 63     | 6      | 187    | < 0.01 | 5      | < 2    | < 10   | 28     | < 10   | 11     | 1      | 161   |         |
| 19899          | 0.20   | 10     | 0.96   | 0.511   | 0.154  | 1.82   | 11     | 6      | 496    | 0.26   | 5      | < 2    | < 10   | 111    | < 10   | 6      | 3      | 94    |         |
| 19900          | 0.10   | 13     | 1.07   | 0.258   | 0.123  | 1.91   | 8      | 8      | 303    | 0.18   | 4      | < 2    | < 10   | 112    | < 10   | 10     | 2      | 34    |         |
| 2641917        | 0.23   | 11     | 0.68   | 0.003   | 0.062  | 1.38   | 615    | 7      | 286    | < 0.01 | < 1    | < 2    | < 10   | 33     | < 10   | 12     | 1      | 784   |         |
| 2641918        | 0.28   | 11     | 1.90   | 0.002   | 0.073  | 2.02   | 9      | 5      | 245    | < 0.01 | < 1    | < 2    | < 10   | 32     | < 10   | 9      | 1      | 12    |         |
| 18075          | 0.16   | 21     | 1.35   | 0.035   | 0.195  | 3.88   | 16     | 13     | 125    | 0.39   | 4      | < 2    | < 10   | 169    | < 10   | 13     | 4      | 153   |         |



| Analyte Symbol              | Ag      | Pb      | Zn      | Ag     | Cd     | Cu       | Mn     | Mo     | Ni     | Pb     | Zn     | Al      | As      | B       | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     |     |
|-----------------------------|---------|---------|---------|--------|--------|----------|--------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| Unit Symbol                 | ppm     | %       | %       | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | PCT     | ppm     | ppm     | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    |     |
| Lower Limit                 | 3       | 0.003   | 0.001   | 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      |     |
| Method Code                 | ICP-OES | ICP-OES | ICP-OES | 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 |     |
| REGIA) Cert                 |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| OREAS 922 (AQUA REGIA) Meas |         |         |         | 1.0    | < 0.5  | 2140     |        |        |        | 57     | 277    | 2.83    | 2       |         |        |        |        | 0.41   | 19     |        | 5.05   |        |        |     |
| OREAS 922 (AQUA REGIA) Cert |         |         |         | 0.851  | 0.28   | 2176     |        |        |        | 60     | 256    | 2.72    | 6.12    |         |        |        |        | 0.324  | 19.4   |        | 5.05   |        |        |     |
| OREAS 922 (AQUA REGIA) Meas |         |         |         | 0.7    | < 0.5  | 2110     |        |        |        | 59     | 281    | 2.87    | 2       |         |        |        |        | 0.44   | 20     |        | 5.13   |        |        |     |
| OREAS 922 (AQUA REGIA) Cert |         |         |         | 0.851  | 0.28   | 2176     |        |        |        | 60     | 256    | 2.72    | 6.12    |         |        |        |        | 0.324  | 19.4   |        | 5.05   |        |        |     |
| OREAS 923 (AQUA REGIA) Meas |         |         |         | 1.7    | < 0.5  | 4160     |        |        |        | 74     | 360    | 2.96    | 9       |         |        |        |        | 0.42   | 23     |        | 5.94   |        |        |     |
| OREAS 923 (AQUA REGIA) Cert |         |         |         | 1.62   | 0.40   | 4248     |        |        |        | 81     | 335    | 2.80    | 7.07    |         |        |        |        | 0.326  | 22.2   |        | 5.91   |        |        |     |
| OREAS 923 (AQUA REGIA) Meas |         |         |         | 2.0    | < 0.5  | 4090     |        |        |        | 78     | 367    | 2.91    | 3       |         |        |        |        | 0.42   | 22     |        | 5.87   |        |        |     |
| OREAS 923 (AQUA REGIA) Cert |         |         |         | 1.62   | 0.40   | 4248     |        |        |        | 81     | 335    | 2.80    | 7.07    |         |        |        |        | 0.326  | 22.2   |        | 5.91   |        |        |     |
| OREAS 923 (AQUA REGIA) Meas |         |         |         | 2.6    | < 0.5  | 4190     |        |        |        | 80     | 364    | 2.93    | 8       |         |        |        |        | 0.44   | 22     |        | 5.76   |        |        |     |
| OREAS 923 (AQUA REGIA) Cert |         |         |         | 1.62   | 0.40   | 4248     |        |        |        | 81     | 335    | 2.80    | 7.07    |         |        |        |        | 0.326  | 22.2   |        | 5.91   |        |        |     |
| OXN117 Meas                 |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| OXN117 Cert                 |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| SdAR-M2 (U.S.G.S.) Meas     |         |         |         | 15.5   | 5.1    | 248      | 1060   | 15     | 49     | 912    | 979    | 0.81    | 93      | 21      | 136    | 5.8    | < 2    | 0.36   | 15     | 10     | 1.73   | < 10   |        |     |
| SdAR-M2 (U.S.G.S.) Cert     |         |         |         | 14.0   | 5.0    | 228.0000 | 1000   | 13.2   | 51.0   | 761    | 744    | 5.98    | 78      | 37      | 981    | 6.3    | 1.10   | 0.59   | 14     | 54     | 1.790  | 21.0   |        |     |
| SdAR-M2 (U.S.G.S.) Meas     |         |         |         | 21.7   | 5.0    | 246      | 1040   | 15     | 49     | 904    | 967    | 0.81    | 91      | 20      | 135    | 5.7    | < 2    | 0.36   | 15     | 10     | 1.72   | < 10   |        |     |
| SdAR-M2 (U.S.G.S.) Cert     |         |         |         | 14.0   | 5.0    | 228.0000 | 1000   | 13.2   | 51.0   | 761    | 744    | 5.98    | 78      | 37      | 981    | 6.3    | 1.10   | 0.59   | 14     | 54     | 1.790  | 21.0   |        |     |
| SdAR-M2 (U.S.G.S.) Meas     |         |         |         | 16.7   | 5.6    | 240      | 1020   | 14     | 47     | 892    | 979    | 0.78    | 89      | 19      | 124    | 5.5    | < 2    | 0.35   | 14     | 10     | 1.64   | < 10   |        |     |
| SdAR-M2 (U.S.G.S.) Cert     |         |         |         | 14.0   | 5.0    | 228.0000 | 1000   | 13.2   | 51.0   | 761    | 744    | 5.98    | 78      | 37      | 981    | 6.3    | 1.10   | 0.59   | 14     | 54     | 1.790  | 21.0   |        |     |
| 18233 Orig                  |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18233 Dup                   |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18042 Orig                  |         |         |         | 56.2   | 8.1    | 725      | 2460   | < 1    | 27     | 31     | 1800   | 0.29    | 2050    | < 10    | < 10   | < 0.5  | 5      | 4.67   | 7      | 28     | 3.84   | < 10   | < 1    |     |
| 18042 Dup                   |         |         |         | 56.8   | 8.1    | 712      | 2440   | < 1    | 25     | 42     | 1780   | 0.29    | 2110    | < 10    | < 10   | < 0.5  | 5      | 4.67   | 7      | 27     | 3.81   | < 10   | 1      |     |
| 18058 Orig                  |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18058 Dup                   |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18182 Orig                  |         |         |         | < 0.2  | < 0.5  | 37       | 1560   | 1      | 19     | 3      | 21     | 1.67    | 33      | < 10    | 37     | < 0.5  | < 2    | 12.6   | 8      | 18     | 3.77   | < 10   | 2      |     |
| 18182 Dup                   |         |         |         | < 0.2  | < 0.5  | 38       | 1580   | 1      | 20     | 2      | 19     | 1.63    | 32      | < 10    | 36     | < 0.5  | 2      | 12.7   | 8      | 17     | 3.79   | < 10   | 1      |     |
| 18189 Split Orig            |         |         |         | 0.2    | < 0.5  | 428      | 2990   | 3      | 38     | 5      | 64     | 1.39    | 231     | < 10    | 165    | < 0.5  | < 2    | 5.04   | 14     | 72     | 4.01   | < 10   | < 1    |     |
| 18189 Split                 |         |         |         | 0.2    | < 0.5  | 437      | 3040   | 2      | 39     | 6      | 68     | 1.44    | 268     | < 10    | 161    | < 0.5  | < 2    | 5.11   | 14     | 74     | 4.14   | < 10   | 1      |     |
| 18189 Orig                  |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18189 Dup                   |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18078 Orig                  |         |         |         | > 100  | 51.7   | 1050     | 1470   | 2      | 6      | > 5000 | 5150   | 0.27    | > 10000 | < 10    | 16     | < 0.5  | 49     | 0.76   | 10     | 10     | 12.5   | < 10   | 1      |     |
| 18078 Dup                   |         |         |         | > 100  | 52.1   | 1090     | 1500   | 1      | 9      | > 5000 | 5170   | 0.28    | > 10000 | < 10    | 17     | < 0.5  | 52     | 0.78   | 9      | 10     | 13.2   | < 10   | < 1    |     |
| 18080 Orig                  |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18080 Dup                   |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18087 Orig                  |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18087 Dup                   |         |         |         |        |        |          |        |        |        |        |        |         |         |         |        |        |        |        |        |        |        |        |        |     |
| 18088 Split Orig            |         |         |         | 2.82   | 10.4   | 279      | 388    | 935    | < 1    | 8      | 717    | > 10000 | 0.40    | > 10000 | < 10   | < 10   | < 0.5  | 41     | 1.68   | 21     | 4      | 13.3   | < 10   | < 1 |

| Analyte Symbol   | Ag      | Pb      | Zn      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     |
|------------------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol      | ppm     | %       | %       | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    |
| Lower Limit      | 3       | 0.003   | 0.001   | 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      |
| Method Code      | ICP-OES | ICP-OES | ICP-OES | 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 |
| 18088 Split      |         |         | 3.33    | 10.9   | 321    | 409    | 1000   | < 1    | 6      | 680    | > 10000 | 0.44   | > 10000 | < 10   | < 10   | < 0.5  | 40     | 1.85   | 21     | 3      | 13.6   | < 10   | < 1    |
| 18092 Orig       |         |         |         | 0.3    | < 0.5  | 249    | 353    | 4      | 7      | < 2    | 35      | 2.13   | 41      | < 10   | 52     | 0.9    | < 2    | 1.82   | 14     | 10     | 6.13   | 10     | < 1    |
| 18092 Dup        |         |         |         | 0.3    | 0.7    | 242    | 347    | 4      | 7      | 3      | 33      | 2.09   | 35      | < 10   | 52     | 0.9    | < 2    | 1.79   | 14     | 10     | 5.98   | < 10   | < 1    |
| 18098 Split Orig |         |         |         | < 0.2  | < 0.5  | 15     | 2110   | 1      | 3      | < 2    | 7       | 0.24   | 206     | < 10   | 13     | < 0.5  | < 2    | 19.8   | 2      | 2      | 1.64   | < 10   | 1      |
| 18098 Split      |         |         |         | < 0.2  | < 0.5  | 17     | 2230   | 1      | 4      | < 2    | 24      | 0.26   | 256     | < 10   | 14     | < 0.5  | < 2    | 20.5   | 3      | 2      | 1.77   | < 10   | 2      |
| 18100 Orig       |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 18100 Dup        |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 18044 Orig       |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 18044 Dup        |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 18046 Orig       |         |         |         | 4.6    | 25.1   | 496    | 1150   | 3      | 12     | 44     | 2290    | 1.00   | 16      | < 10   | 29     | < 0.5  | 8      | 6.24   | 17     | 7      | 5.87   | < 10   | < 1    |
| 18046 Dup        |         |         |         | 4.7    | 24.6   | 482    | 1120   | 2      | 10     | 43     | 2250    | 0.99   | 15      | < 10   | 29     | < 0.5  | 6      | 6.07   | 16     | 7      | 5.78   | < 10   | 1      |
| 18051 Orig       |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 18051 Dup        |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 18069 Split Orig |         | 1.77    | 8.52    | 22.1   | 658    | 26     | 6720   | < 1    | 2      | > 5000 | > 10000 | 0.08   | 10      | < 10   | < 10   | < 0.5  | 18     | 6.89   | 2      | 9      | 5.01   | < 10   | 2      |
| 18069 Split      |         | 1.73    | 8.30    | 23.8   | 680    | 27     | 6680   | < 1    | 3      | > 5000 | > 10000 | 0.08   | 15      | < 10   | < 10   | < 0.5  | 18     | 7.24   | 2      | 9      | 5.00   | < 10   | 2      |
| 18070 Orig       |         |         |         | 50.8   | 551    | 382    | 12500  | 2      | 6      | > 5000 | > 10000 | 0.13   | 16      | < 10   | < 10   | 0.7    | 11     | 0.16   | 45     | 2      | 23.4   | < 10   | < 1    |
| 18070 Dup        |         |         |         | 52.8   | 575    | 392    | 12900  | 1      | 4      | > 5000 | > 10000 | 0.14   | 18      | < 10   | < 10   | 0.7    | 10     | 0.16   | 45     | 2      | 24.3   | < 10   | < 1    |
| 18238 Orig       |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 18238 Dup        |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 18198 Split Orig | 745     |         |         | > 100  | 13.8   | 2640   | 5980   | < 1    | 3      | < 2    | 416     | 0.05   | 38      | < 10   | 15     | < 0.5  | < 2    | 18.5   | 8      | 6      | 2.01   | < 10   | 10     |
| 18198 Split      | 749     |         |         | > 100  | 14.9   | 2670   | 5950   | < 1    | 3      | 10     | 431     | 0.05   | 41      | < 10   | 16     | < 0.5  | < 2    | 18.3   | 8      | 3      | 2.00   | < 10   | 9      |
| 18198 Orig       | 750     |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 18198 Dup        | 741     |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 2641902 Orig     |         |         |         | 1.8    | 6.1    | 275    | 1300   | 3      | 7      | 45     | 964     | 1.95   | 21      | < 10   | 39     | 1.7    | < 2    | 4.47   | 15     | 5      | 3.54   | < 10   | < 1    |
| 2641902 Dup      |         |         |         | 1.9    | 6.5    | 300    | 1380   | 3      | 7      | 52     | 1010    | 2.09   | 22      | < 10   | 43     | 1.8    | < 2    | 4.41   | 17     | 5      | 3.87   | 10     | < 1    |
| 2641906 Orig     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 2641906 Dup      |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 2641913 Orig     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 2641913 Dup      |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 2641916 Orig     |         |         |         | < 0.2  | < 0.5  | 8      | 2940   | < 1    | < 1    | < 2    | 15      | 0.22   | 9       | < 10   | 57     | < 0.5  | < 2    | 16.8   | 2      | 3      | 4.43   | < 10   | 2      |
| 2641916 Dup      |         |         |         | < 0.2  | < 0.5  | 13     | 2910   | < 1    | 4      | < 2    | 14      | 0.48   | 8       | < 10   | 60     | < 0.5  | 4      | 16.7   | 2      | 7      | 4.44   | < 10   | 1      |
| 19887 Split Orig |         |         |         | 0.7    | 4.8    | 205    | 1960   | < 1    | 8      | 35     | 824     | 1.64   | 9       | < 10   | 34     | 1.2    | < 2    | 4.93   | 13     | 7      | 3.07   | < 10   | < 1    |
| 19887 Split      |         |         |         | 0.7    | 4.7    | 195    | 1880   | < 1    | 6      | 32     | 795     | 1.54   | 6       | < 10   | 32     | 1.1    | < 2    | 4.76   | 12     | 7      | 2.91   | < 10   | < 1    |
| 19887 Orig       |         |         |         | 0.7    | 4.8    | 208    | 1990   | < 1    | 9      | 35     | 828     | 1.66   | 8       | < 10   | 35     | 1.2    | < 2    | 4.98   | 14     | 7      | 3.11   | < 10   | < 1    |
| 19887 Dup        |         |         |         | 0.7    | 4.8    | 202    | 1940   | < 1    | 7      | 34     | 820     | 1.61   | 9       | < 10   | 34     | 1.1    | < 2    | 4.89   | 13     | 7      | 3.02   | < 10   | < 1    |
| 19896 Orig       |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 19896 Dup        |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| 2641917 Orig     |         |         |         | 7.7    | 20.8   | 182    | 4160   | < 1    | 15     | 1210   | 2520    | 0.84   | 3030    | < 10   | 36     | < 0.5  | < 2    | 14.9   | 7      | 12     | 3.39   | < 10   | 1      |
| 2641917 Dup      |         |         |         | 7.3    | 19.4   | 163    | 4130   | < 1    | 11     | 1180   | 2360    | 0.82   | 2950    | < 10   | 35     | < 0.5  | < 2    | 14.8   | 7      | 12     | 3.31   | < 10   | 2      |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |
| Method Blank     | < 3     | < 0.003 | < 0.001 |        |        |        |        |        |        |        |         |        |         |        |        |        |        |        |        |        |        |        |        |

| Analyte Symbol | Ag      | Pb      | Zn      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     |
|----------------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm     | %       | %       | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    |
| Lower Limit    | 3       | 0.003   | 0.001   | 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      |
| Method Code    | ICP-OES | ICP-OES | ICP-OES | 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 |
| Method Blank   |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

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| Analyte Symbol | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      | Au      |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppb     | g/tonne |
| Lower Limit    | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 5       | 0.02    |
| Method Code    | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA   | FA-GRA  |
| GXR-1 Meas     | 0.03   | < 10   | 0.13   | 0.035  | 0.040  | 0.17   | 73     | 1      | 172    | < 0.01 | 9      | < 2    | 31     | 74     | 156    | 22     | 6      |         |         |
| GXR-1 Cert     | 0.050  | 7.50   | 0.217  | 0.0520 | 0.0650 | 0.257  | 122    | 1.58   | 275    | 0.036  | 13.0   | 0.390  | 34.9   | 80.0   | 164    | 32.0   | 38.0   |         |         |
| GXR-1 Meas     | 0.03   | < 10   | 0.12   | 0.032  | 0.039  | 0.17   | 74     | 1      | 165    | < 0.01 | 11     | < 2    | 32     | 73     | 160    | 22     | 6      |         |         |
| GXR-1 Cert     | 0.050  | 7.50   | 0.217  | 0.0520 | 0.0650 | 0.257  | 122    | 1.58   | 275    | 0.036  | 13.0   | 0.390  | 34.9   | 80.0   | 164    | 32.0   | 38.0   |         |         |
| GXR-1 Meas     | 0.03   | < 10   | 0.14   | 0.051  | 0.043  | 0.19   | 71     | 1      | 185    | < 0.01 | 8      | < 2    | 34     | 80     | 151    | 24     | 15     |         |         |
| GXR-1 Cert     | 0.050  | 7.50   | 0.217  | 0.0520 | 0.0650 | 0.257  | 122    | 1.58   | 275    | 0.036  | 13.0   | 0.390  | 34.9   | 80.0   | 164    | 32.0   | 38.0   |         |         |
| GXR-4 Meas     | 1.67   | 47     | 1.65   | 0.141  | 0.123  | 1.63   | 5      | 7      | 77     | 0.18   | 1      | < 2    | < 10   | 81     | 17     | 11     | 4      |         |         |
| GXR-4 Cert     | 4.01   | 64.5   | 1.66   | 0.564  | 0.120  | 1.77   | 4.80   | 7.70   | 221    | 0.29   | 0.970  | 3.20   | 6.20   | 87.0   | 30.8   | 14.0   | 186    |         |         |
| GXR-4 Meas     | 1.63   | 44     | 1.58   | 0.133  | 0.118  | 1.56   | 4      | 7      | 74     | 0.17   | 1      | 4      | < 10   | 79     | 17     | 11     | 4      |         |         |
| GXR-4 Cert     | 4.01   | 64.5   | 1.66   | 0.564  | 0.120  | 1.77   | 4.80   | 7.70   | 221    | 0.29   | 0.970  | 3.20   | 6.20   | 87.0   | 30.8   | 14.0   | 186    |         |         |
| GXR-4 Meas     | 1.70   | 51     | 1.61   | 0.135  | 0.122  | 1.62   | 4      | 7      | 78     | 0.18   | 7      | < 2    | < 10   | 81     | 15     | 12     | 11     |         |         |
| GXR-4 Cert     | 4.01   | 64.5   | 1.66   | 0.564  | 0.120  | 1.77   | 4.80   | 7.70   | 221    | 0.29   | 0.970  | 3.20   | 6.20   | 87.0   | 30.8   | 14.0   | 186    |         |         |
| GXR-6 Meas     | 1.10   | < 10   | 0.40   | 0.083  | 0.033  | 0.01   | 4      | 20     | 33     |        | 3      | 4      | < 10   | 170    | < 10   | 5      | 3      |         |         |
| GXR-6 Cert     | 1.87   | 13.9   | 0.609  | 0.104  | 0.0350 | 0.0160 | 3.60   | 27.6   | 35.0   |        | 0.0180 | 2.20   | 1.54   | 186    | 1.90   | 14.0   | 110    |         |         |
| GXR-6 Meas     | 1.09   | < 10   | 0.40   | 0.081  | 0.033  | 0.01   | 4      | 19     | 33     |        | < 1    | < 2    | < 10   | 170    | < 10   | 5      | 3      |         |         |
| GXR-6 Cert     | 1.87   | 13.9   | 0.609  | 0.104  | 0.0350 | 0.0160 | 3.60   | 27.6   | 35.0   |        | 0.0180 | 2.20   | 1.54   | 186    | 1.90   | 14.0   | 110    |         |         |
| GXR-6 Meas     | 1.04   | 11     | 0.37   | 0.082  | 0.032  | 0.01   | 5      | 22     | 34     |        | 1      | < 2    | < 10   | 162    | < 10   | 6      | 12     |         |         |
| GXR-6 Cert     | 1.87   | 13.9   | 0.609  | 0.104  | 0.0350 | 0.0160 | 3.60   | 27.6   | 35.0   |        | 0.0180 | 2.20   | 1.54   | 186    | 1.90   | 14.0   | 110    |         |         |
| MP-1b Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| MP-1b Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| CCU-1d Meas    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| CCU-1d Cert    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| CZN-4 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| CZN-4 Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxP 91 Meas    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 15.1    |
| OxP 91 Cert    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 14.82   |
| SF67 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 819     |         |
| SF67 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 835.000 |         |
| SF67 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 805     |         |
| SF67 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 835.000 |         |
| SF67 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 898     |         |
| SF67 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 835.000 |         |
| SF67 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 820     |         |
| SF67 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 835.000 |         |
| SF67 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 802     |         |
| SF67 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 835.000 |         |
| SE68 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 595     |         |
| SE68 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 599     |         |
| SE68 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 579     |         |
| SE68 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 599     |         |
| SE68 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 618     |         |
| SE68 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 599     |         |
| SE68 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 595     |         |

| Analyte Symbol              | K      | La     | Mg     | Na      | P      | S      | Sb      | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au    | Au      |
|-----------------------------|--------|--------|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---------|
| Unit Symbol                 | PCT    | ppm    | PCT    | PCT     | PCT    | PCT    | ppm     | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppb   | g/tonne |
| Lower Limit                 | 0.01   | 10     | 0.01   | 0.001   | 0.001  | 0.01   | 2       | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 5     | 0.02    |
| Method Code                 | AR-ICP | AR-ICP | AR-ICP | AR-ICP  | AR-ICP | AR-ICP | AR-ICP  | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA | FA-GRA  |
| SE68 Cert                   |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        | 599   |         |
| SE68 Meas                   |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        | 574   |         |
| SE68 Cert                   |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        | 599   |         |
| OREAS 922 (AQUA REGIA) Meas |        |        | 1.42   |         |        | 0.35   | < 2     |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 922 (AQUA REGIA) Cert |        |        | 1.33   |         |        | 0.386  | 0.57    |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 922 (AQUA REGIA) Meas |        |        | 1.38   |         |        | 0.34   | 3       |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 922 (AQUA REGIA) Cert |        |        | 1.33   |         |        | 0.386  | 0.57    |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 922 (AQUA REGIA) Meas |        |        | 1.36   |         |        | 0.34   | 2       |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 922 (AQUA REGIA) Cert |        |        | 1.33   |         |        | 0.386  | 0.57    |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 923 (AQUA REGIA) Meas |        |        | 1.51   |         |        | 0.61   | < 2     |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 923 (AQUA REGIA) Cert |        |        | 1.43   |         |        | 0.684  | 0.58    |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 923 (AQUA REGIA) Meas |        |        | 1.49   |         |        | 0.61   | 2       |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 923 (AQUA REGIA) Cert |        |        | 1.43   |         |        | 0.684  | 0.58    |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 923 (AQUA REGIA) Meas |        |        | 1.46   |         |        | 0.62   | 4       |        |        |        |        |        |        |        |        |        |        |       |         |
| OREAS 923 (AQUA REGIA) Cert |        |        | 1.43   |         |        | 0.684  | 0.58    |        |        |        |        |        |        |        |        |        |        |       |         |
| OXN117 Meas                 |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        |       | 7.44    |
| OXN117 Cert                 |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        |       | 7.679   |
| SdAR-M2 (U.S.G.S.) Meas     | 0.29   | 50     | 0.25   | 0.065   | 0.031  |        | 100     | 2      | 25     | 0.07   | 5      | < 2    | < 10   | 19     | < 10   | 19     |        |       |         |
| SdAR-M2 (U.S.G.S.) Cert     | 4.27   | 43.0   | 0.280  | 1.90    | 0.032  |        | 91      | 3.9    | 143    | 0.170  | 1.70   | 3.0    | 2.63   | 22.6   | 2.8    | 32.0   |        |       |         |
| SdAR-M2 (U.S.G.S.) Meas     | 0.29   | 50     | 0.25   | 0.068   | 0.030  |        | 96      | 2      | 24     | 0.07   | 5      | < 2    | < 10   | 19     | < 10   | 18     |        |       |         |
| SdAR-M2 (U.S.G.S.) Cert     | 4.27   | 43.0   | 0.280  | 1.90    | 0.032  |        | 91      | 3.9    | 143    | 0.170  | 1.70   | 3.0    | 2.63   | 22.6   | 2.8    | 32.0   |        |       |         |
| SdAR-M2 (U.S.G.S.) Meas     | 0.29   | 46     | 0.23   | 0.069   | 0.029  |        | 96      | 2      | 23     | 0.07   | 4      | < 2    | < 10   | 19     | < 10   | 18     |        |       |         |
| SdAR-M2 (U.S.G.S.) Cert     | 4.27   | 43.0   | 0.280  | 1.90    | 0.032  |        | 91      | 3.9    | 143    | 0.170  | 1.70   | 3.0    | 2.63   | 22.6   | 2.8    | 32.0   |        |       |         |
| 18233 Orig                  |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        | 83    |         |
| 18233 Dup                   |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        | 102   |         |
| 18042 Orig                  | 0.13   | < 10   | 0.14   | 0.001   | 0.017  | 4.03   | > 10000 | < 1    | 37     | < 0.01 | < 1    | < 2    | < 10   | 12     | < 10   | 3      | < 1    |       |         |
| 18042 Dup                   | 0.13   | < 10   | 0.14   | < 0.001 | 0.017  | 4.06   | > 10000 | < 1    | 38     | < 0.01 | < 1    | < 2    | < 10   | 12     | < 10   | 3      | < 1    |       |         |
| 18058 Orig                  |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        | 1760  |         |
| 18058 Dup                   |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        | 1610  |         |
| 18182 Orig                  | 0.05   | < 10   | 0.81   | 0.006   | 0.049  | 1.00   | 7       | 14     | 150    | < 0.01 | < 1    | < 2    | < 10   | 105    | < 10   | 19     | 1      |       |         |
| 18182 Dup                   | 0.05   | < 10   | 0.81   | 0.004   | 0.048  | 1.02   | 7       | 15     | 153    | < 0.01 | < 1    | 2      | < 10   | 106    | < 10   | 20     | 1      |       |         |
| 18189 Split Orig            | 0.19   | < 10   | 1.32   | 0.085   | 0.082  | 0.35   | 9       | 11     | 73     | 0.08   | < 1    | < 2    | < 10   | 111    | < 10   | 13     | 2      | 470   |         |
| 18189 Split                 | 0.21   | < 10   | 1.34   | 0.090   | 0.084  | 0.37   | 8       | 11     | 75     | 0.08   | < 1    | < 2    | < 10   | 116    | < 10   | 13     | 2      | 412   |         |
| 18189 Orig                  |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        | 490   |         |
| 18189 Dup                   |        |        |        |         |        |        |         |        |        |        |        |        |        |        |        |        |        | 451   |         |

| Analyte Symbol   | K      | La     | Mg     | Na      | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      | Au      |
|------------------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol      | PCT    | ppm    | PCT    | PCT     | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppb     | g/tonne |
| Lower Limit      | 0.01   | 10     | 0.01   | 0.001   | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 5       | 0.02    |
| Method Code      | AR-ICP | AR-ICP | AR-ICP | AR-ICP  | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA   | FA-GRA  |
| 18078 Orig       | 0.23   | < 10   | 0.05   | 0.004   | 0.065  | 4.24   | 1730   | 2      | 31     | < 0.01 | 7      | < 2    | < 10   | 13     | < 10   | 2      | 3      |         |         |
| 18078 Dup        | 0.24   | < 10   | 0.05   | 0.007   | 0.067  | 4.44   | 1730   | 2      | 32     | < 0.01 | 7      | < 2    | < 10   | 13     | < 10   | 2      | 3      |         |         |
| 18080 Orig       |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 4490    |         |
| 18080 Dup        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 4980    |         |
| 18087 Orig       |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | > 10000 |         |
| 18087 Dup        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | > 10000 |         |
| 18088 Split Orig | 0.17   | < 10   | 0.07   | < 0.001 | 0.035  | 8.52   | 443    | < 1    | 27     | < 0.01 | 1      | < 2    | < 10   | 15     | 17     | 4      | 4      | > 10000 | 18.5    |
| 18088 Split      | 0.19   | < 10   | 0.07   | < 0.001 | 0.036  | 8.72   | 420    | < 1    | 29     | < 0.01 | 2      | < 2    | < 10   | 17     | 28     | 4      | 4      | > 10000 | 18.2    |
| 18092 Orig       | 0.23   | 18     | 1.58   | 0.080   | 0.260  | 1.58   | 3      | 9      | 104    | 0.38   | 7      | < 2    | < 10   | 193    | < 10   | 9      | 3      |         |         |
| 18092 Dup        | 0.22   | 18     | 1.54   | 0.078   | 0.268  | 1.55   | 4      | 9      | 101    | 0.40   | 2      | < 2    | < 10   | 189    | < 10   | 8      | 3      |         |         |
| 18098 Split Orig | 0.06   | < 10   | 0.16   | < 0.001 | 0.019  | 1.20   | 11     | 1      | 260    | < 0.01 | < 1    | < 2    | < 10   | 7      | < 10   | 4      | < 1    | 10      |         |
| 18098 Split      | 0.07   | < 10   | 0.17   | < 0.001 | 0.019  | 1.31   | 11     | 1      | 281    | < 0.01 | 4      | < 2    | < 10   | 7      | < 10   | 4      | < 1    | 12      |         |
| 18100 Orig       |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 292     |         |
| 18100 Dup        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 291     |         |
| 18044 Orig       |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 4210    |         |
| 18044 Dup        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 3910    |         |
| 18046 Orig       | 0.33   | < 10   | 0.84   | 0.001   | 0.178  | 2.57   | 18     | 6      | 158    | < 0.01 | 2      | < 2    | < 10   | 50     | < 10   | 14     | 1      |         |         |
| 18046 Dup        | 0.34   | < 10   | 0.83   | 0.002   | 0.176  | 2.37   | 19     | 6      | 150    | < 0.01 | 1      | < 2    | < 10   | 50     | < 10   | 13     | 1      |         |         |
| 18051 Orig       |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 111     |         |
| 18051 Dup        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 106     |         |
| 18069 Split Orig | < 0.01 | < 10   | 0.77   | < 0.001 | 0.007  | 4.30   | 14     | < 1    | 42     | < 0.01 | 4      | < 2    | < 10   | 3      | < 10   | 5      | < 1    | 74      |         |
| 18069 Split      | < 0.01 | < 10   | 0.76   | < 0.001 | 0.007  | 5.02   | 15     | < 1    | 42     | < 0.01 | 7      | < 2    | < 10   | 3      | < 10   | 5      | < 1    | 77      |         |
| 18070 Orig       | < 0.01 | < 10   | 0.04   | < 0.001 | 0.014  | 1.69   | 41     | < 1    | 11     | < 0.01 | 5      | < 2    | < 10   | 12     | 54     | 14     | 5      |         |         |
| 18070 Dup        | < 0.01 | < 10   | 0.04   | < 0.001 | 0.014  | 1.73   | 44     | < 1    | 11     | < 0.01 | 4      | < 2    | < 10   | 11     | 55     | 15     | 5      |         |         |
| 18238 Orig       |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 72      |         |
| 18238 Dup        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 70      |         |
| 18198 Split Orig | 0.01   | < 10   | 0.74   | < 0.001 | 0.004  | 0.89   | 1990   | < 1    | 197    | < 0.01 | < 1    | < 2    | < 10   | 2      | < 10   | 11     | < 1    | 23      |         |
| 18198 Split      | 0.01   | < 10   | 0.76   | < 0.001 | 0.004  | 0.90   | 1920   | < 1    | 198    | < 0.01 | < 1    | < 2    | < 10   | 3      | < 10   | 11     | < 1    | 25      |         |
| 18198 Orig       |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 18198 Dup        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 2641902 Orig     | 0.31   | 32     | 1.20   | 0.049   | 0.131  | 1.52   | 27     | 6      | 73     | 0.36   | 3      | 3      | < 10   | 149    | < 10   | 12     | 8      |         |         |
| 2641902 Dup      | 0.33   | 35     | 1.30   | 0.056   | 0.138  | 1.35   | 27     | 7      | 80     | 0.38   | 2      | < 2    | < 10   | 160    | < 10   | 13     | 8      |         |         |
| 2641906 Orig     |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 15      |         |
| 2641906 Dup      |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 16      |         |
| 2641913 Orig     |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 11      |         |
| 2641913 Dup      |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 11      |         |
| 2641916 Orig     | 0.02   | < 10   | 1.64   | 0.002   | 0.007  | 0.96   | 3      | < 1    | 324    | < 0.01 | 1      | < 2    | < 10   | 8      | < 10   | 14     | < 1    |         |         |
| 2641916 Dup      | 0.02   | < 10   | 1.65   | < 0.001 | 0.006  | 0.94   | 3      | < 1    | 319    | < 0.01 | 1      | < 2    | < 10   | 9      | < 10   | 13     | < 1    |         |         |
| 19887 Split Orig | 0.15   | 32     | 0.90   | 0.086   | 0.114  | 0.83   | 23     | 8      | 119    | 0.31   | 2      | < 2    | < 10   | 121    | < 10   | 17     | 11     | 13      |         |
| 19887 Split      | 0.14   | 30     | 0.86   | 0.081   | 0.110  | 0.80   | 21     | 7      | 114    | 0.30   | 2      | < 2    | < 10   | 116    | < 10   | 16     | 13     | 15      |         |
| 19887 Orig       | 0.15   | 32     | 0.91   | 0.087   | 0.115  | 0.85   | 23     | 8      | 120    | 0.31   | 3      | < 2    | < 10   | 123    | < 10   | 17     | 14     |         |         |
| 19887 Dup        | 0.15   | 31     | 0.89   | 0.085   | 0.113  | 0.81   | 23     | 8      | 117    | 0.31   | 2      | < 2    | < 10   | 119    | < 10   | 17     | 9      |         |         |
| 19896 Orig       |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | < 5     |         |
| 19896 Dup        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | 6       |         |
| 2641917 Orig     | 0.23   | 11     | 0.69   | 0.004   | 0.062  | 1.41   | 650    | 7      | 286    | < 0.01 | < 1    | < 2    | < 10   | 33     | < 10   | 12     | 1      |         |         |
| 2641917 Dup      | 0.23   | 11     | 0.67   | 0.001   | 0.061  | 1.34   | 581    | 7      | 286    | < 0.01 | < 1    | < 2    | < 10   | 33     | < 10   | 12     | 1      |         |         |
| Method Blank     |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | < 5     |         |
| Method Blank     |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        | < 5     |         |

| Analyte Symbol | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au    | Au      |        |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---------|--------|
| Unit Symbol    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppb   | g/tonne |        |
| Lower Limit    | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 5     | 0.02    |        |
| Method Code    | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA | FA-GRA  |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       | < 5     |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       | < 5     |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       | < 5     |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       | < 5     |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       | < 5     |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       | < 5     |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       | < 5     |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       | < 5     |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |         |        |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |         | < 0.02 |





**Date Submitted:** 13-Jul-15  
**Invoice No.:** A15-05186 (i)  
**Invoice Date:** 28-Jul-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-05186 (i)**

Code 1A2-50-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 13-Jul-15  
**Invoice No.:** A15-05186 (i)  
**Invoice Date:** 28-Jul-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-05186 (i)**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



## Results

| Analyte Symbol | Ag      | Cu      | Pb      | Zn      | Au    | Ag     | Cd     | Cu      | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     |
|----------------|---------|---------|---------|---------|-------|--------|--------|---------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm     | %       | %       | %       | ppb   | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit    | 3       | 0.001   | 0.003   | 0.001   | 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   |
| Method Code    | ICP-OES | ICP-OES | ICP-OES | ICP-OES | 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 |
| 18056          |         |         |         | 1.58    | 1940  | 4.9    | 153    | 246     | 2650   | < 1    | 7      | 360    | > 10000 | 0.92   | 7010   | < 10   | 22     | 1.0    | 6      | 8.25   | 26     | 6      | 6.07   |
| 18057          | 158     |         | 9.69    | 22.6    | 1290  | > 100  | 1230   | 807     | 5420   | < 1    | 7      | > 5000 | > 10000 | 0.96   | 74     | < 10   | < 10   | 1.4    | < 2    | 3.25   | 31     | < 1    | 4.25   |
| 18059          | 143     | 3.89    | 0.967   | 4.85    | 293   | > 100  | 348    | > 10000 | 2940   | 3      | 103    | > 5000 | > 10000 | 0.40   | 523    | < 10   | < 10   | < 0.5  | 5      | 4.43   | 134    | 12     | 11.3   |
| 18060          |         |         |         | 3.29    | 110   | 17.5   | 293    | 3010    | 3590   | < 1    | 29     | 930    | > 10000 | 0.45   | 336    | < 10   | 15     | 0.5    | 2      | 11.3   | 59     | 11     | 5.41   |
| 18061          |         |         |         |         | 18    | 1.3    | 24.2   | 35      | 8380   | < 1    | 3      | 673    | 2200    | 0.08   | 18     | < 10   | < 10   | < 0.5  | 3      | 16.3   | 2      | 4      | 2.20   |
| 18071          |         |         |         |         | 30    | < 0.2  | 0.7    | 63      | 1030   | < 1    | 2      | 7      | 94      | 0.70   | 62     | < 10   | 17     | < 0.5  | < 2    | 16.0   | 6      | 2      | 2.41   |
| 18072          |         |         |         |         | 1140  | 0.4    | 0.7    | 196     | 1280   | 4      | 28     | 25     | 81      | 2.25   | 99     | < 10   | 25     | 1.2    | 4      | 2.89   | 33     | 39     | 6.55   |
| 18073          |         |         |         |         | 177   | 0.7    | < 0.5  | 163     | 263    | 2      | 3      | 30     | 40      | 1.37   | 43     | < 10   | 21     | 0.5    | < 2    | 0.63   | 31     | 5      | 8.06   |
| 18074          |         |         |         |         | 69    | 0.4    | < 0.5  | 47      | 1000   | 5      | 6      | 12     | 65      | 2.12   | 5      | < 10   | 24     | 1.1    | < 2    | 1.45   | 15     | 5      | 5.57   |
| 18185          |         |         |         |         | 42    | < 0.2  | 0.6    | 201     | 841    | 3      | 32     | 8      | 98      | 1.82   | 2      | < 10   | 143    | < 0.5  | < 2    | 3.14   | 12     | 49     | 4.58   |
| 18186          |         |         |         |         | < 5   | 0.3    | < 0.5  | 81      | 485    | 1      | 46     | 16     | 43      | 2.47   | 20     | < 10   | 59     | 0.6    | < 2    | 1.93   | 16     | 47     | 3.06   |
| 18187          |         |         |         |         | 15    | 0.2    | < 0.5  | 128     | 518    | 2      | 16     | 16     | 123     | 2.06   | 79     | < 10   | 51     | 0.7    | < 2    | 2.47   | 22     | 18     | 5.08   |
| 18188          |         |         |         |         | 69    | < 0.2  | < 0.5  | 273     | 776    | 3      | 29     | 4      | 34      | 1.64   | 12     | < 10   | 14     | 0.6    | < 2    | 4.55   | 19     | 77     | 6.05   |
| 19876          |         |         |         |         | 78    | < 0.2  | 1.0    | 23      | 1040   | < 1    | 2      | 6      | 318     | 0.17   | 26     | < 10   | < 10   | < 0.5  | < 2    | 18.7   | 2      | < 1    | 1.98   |
| 19877          |         |         |         |         | 54    | 0.6    | 13.8   | 65      | 1240   | 1      | 3      | 90     | 1370    | 0.27   | 72     | < 10   | 18     | < 0.5  | < 2    | 14.6   | 4      | 2      | 2.86   |
| 19878          |         |         |         |         | 40    | 0.3    | 7.5    | 217     | 1540   | < 1    | 10     | 11     | 1100    | 2.47   | 14     | < 10   | 27     | 1.6    | < 2    | 3.58   | 27     | 5      | 4.77   |
| 19879          |         |         |         |         | 47    | 0.9    | 10.3   | 145     | 3690   | 1      | 6      | 33     | 1400    | 1.33   | 17     | < 10   | 13     | 1.1    | < 2    | 12.7   | 31     | 1      | 3.77   |
| 19880          |         |         |         |         | 24    | 0.8    | 5.0    | 204     | 3360   | < 1    | 9      | 26     | 738     | 2.05   | 14     | < 10   | 29     | 1.7    | < 2    | 4.59   | 34     | 2      | 6.36   |
| 19881          |         |         |         |         | 12    | < 0.2  | 4.6    | 265     | 3850   | < 1    | 16     | 14     | 407     | 1.62   | 5      | < 10   | 132    | 1.6    | < 2    | 13.4   | 38     | 2      | 2.17   |
| 19882          |         |         |         |         | 17    | 0.3    | 0.9    | 175     | 1910   | < 1    | 8      | 13     | 125     | 0.95   | 11     | < 10   | 19     | 0.8    | < 2    | 10.7   | 16     | 7      | 4.69   |
| 19883          |         |         |         |         | 28    | 0.2    | 0.9    | 193     | 1020   | 6      | 6      | 9      | 149     | 1.40   | 6      | < 10   | 29     | 0.9    | 2      | 2.23   | 15     | 6      | 4.18   |
| 19884          |         |         |         |         | 140   | 0.5    | 0.5    | 177     | 1030   | < 1    | 6      | 13     | 138     | 1.34   | 7      | < 10   | 28     | 0.7    | < 2    | 2.60   | 11     | 6      | 4.30   |
| 19885          |         |         |         |         | 23    | 0.2    | 1.2    | 271     | 1320   | < 1    | 10     | 11     | 177     | 2.95   | 9      | < 10   | 25     | 1.6    | < 2    | 6.22   | 18     | 6      | 4.77   |

Results

| Analyte Symbol | Ga     | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm    | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit    | 10     | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP | AR-ICP |
| 18056          | < 10   | < 1    | 0.20   | 15     | 0.63   | 0.025  | 0.100  | 4.88   | 31     | 3      | 124    | 0.09   | < 1    | 3      | < 10   | 62     | 22     | 12     | 9      |
| 18057          | 10     | 2      | < 0.01 | < 10   | 0.89   | 0.015  | 0.005  | 9.50   | 165    | 5      | 92     | 0.01   | 77     | 5      | < 10   | 42     | < 10   | 11     | 2      |
| 18059          | < 10   | 4      | 0.01   | < 10   | 0.50   | 0.010  | 0.014  | 5.83   | 71     | < 1    | 58     | < 0.01 | 2      | 3      | < 10   | 32     | < 10   | 5      | 4      |
| 18060          | < 10   | 1      | < 0.01 | < 10   | 0.62   | 0.012  | 0.009  | 4.43   | 8      | < 1    | 130    | 0.02   | < 1    | 3      | < 10   | 49     | 50     | 6      | 4      |
| 18061          | < 10   | < 1    | < 0.01 | < 10   | 0.87   | 0.012  | 0.005  | 1.13   | 5      | < 1    | 111    | < 0.01 | < 1    | 10     | < 10   | 2      | < 10   | 7      | < 1    |
| 18071          | < 10   | < 1    | 0.14   | < 10   | 0.68   | 0.027  | 0.071  | 1.74   | 15     | 4      | 240    | 0.16   | < 1    | < 2    | < 10   | 58     | < 10   | 6      | 6      |
| 18072          | < 10   | < 1    | 0.12   | 23     | 1.94   | 0.093  | 0.185  | 2.25   | 24     | 16     | 93     | 0.30   | < 1    | < 2    | < 10   | 198    | < 10   | 17     | 12     |
| 18073          | < 10   | < 1    | 0.28   | 15     | 0.71   | 0.095  | 0.203  | 2.36   | 8      | 10     | 45     | 0.22   | < 1    | < 2    | < 10   | 206    | < 10   | 8      | 4      |
| 18074          | < 10   | < 1    | 0.13   | 19     | 1.97   | 0.068  | 0.073  | 2.29   | 6      | 8      | 90     | 0.44   | < 1    | < 2    | < 10   | 127    | < 10   | 12     | 27     |
| 18185          | < 10   | < 1    | 0.51   | < 10   | 1.27   | 0.132  | 0.092  | 0.11   | < 2    | 10     | 46     | 0.23   | < 1    | 3      | < 10   | 167    | < 10   | 14     | 11     |
| 18186          | < 10   | < 1    | 0.08   | < 10   | 1.56   | 0.408  | 0.111  | 0.67   | 5      | 9      | 300    | 0.42   | < 1    | < 2    | < 10   | 129    | < 10   | 12     | 19     |
| 18187          | 10     | < 1    | 0.43   | 34     | 1.42   | 0.203  | 0.188  | 1.27   | 14     | 10     | 143    | 0.32   | < 1    | 2      | < 10   | 213    | < 10   | 12     | 6      |
| 18188          | < 10   | < 1    | 0.20   | 19     | 1.19   | 0.103  | 0.213  | 3.72   | 3      | 20     | 106    | 0.18   | 3      | < 2    | < 10   | 208    | < 10   | 15     | 6      |
| 19876          | < 10   | 1      | 0.03   | 11     | 0.11   | 0.015  | 0.021  | 1.20   | 12     | < 1    | 685    | < 0.01 | < 1    | < 2    | < 10   | 13     | < 10   | 9      | 3      |
| 19877          | < 10   | 1      | 0.07   | 28     | 0.14   | 0.029  | 0.083  | 1.74   | 48     | 1      | 424    | < 0.01 | < 1    | 3      | < 10   | 31     | < 10   | 14     | 2      |
| 19878          | < 10   | < 1    | 0.15   | 17     | 1.57   | 0.057  | 0.162  | 1.28   | 7      | 10     | 86     | 0.32   | 2      | < 2    | < 10   | 159    | < 10   | 14     | 11     |
| 19879          | < 10   | < 1    | 0.18   | 24     | 0.39   | 0.025  | 0.073  | 2.23   | 30     | 5      | 161    | 0.09   | 2      | 2      | < 10   | 53     | < 10   | 22     | 6      |
| 19880          | < 10   | < 1    | 0.25   | 16     | 0.33   | 0.025  | 0.083  | 0.75   | 19     | 7      | 234    | 0.02   | < 1    | 2      | < 10   | 51     | < 10   | 22     | 7      |
| 19881          | < 10   | < 1    | 0.21   | 38     | 0.20   | 0.027  | 0.084  | 0.26   | 7      | 6      | 125    | 0.08   | 3      | 5      | < 10   | 43     | < 10   | 25     | 6      |
| 19882          | < 10   | < 1    | 0.12   | 26     | 0.59   | 0.046  | 0.127  | 2.55   | 9      | 10     | 95     | 0.20   | 3      | 3      | < 10   | 136    | < 10   | 18     | 7      |
| 19883          | < 10   | < 1    | 0.16   | 19     | 1.05   | 0.070  | 0.200  | 1.09   | 5      | 9      | 55     | 0.07   | < 1    | < 2    | < 10   | 177    | < 10   | 10     | 3      |
| 19884          | < 10   | < 1    | 0.16   | 18     | 0.89   | 0.082  | 0.153  | 1.57   | 5      | 9      | 99     | 0.31   | < 1    | < 2    | < 10   | 164    | < 10   | 11     | 9      |
| 19885          | 10     | < 1    | 0.15   | 20     | 1.08   | 0.235  | 0.221  | 2.59   | 10     | 13     | 410    | 0.31   | < 1    | < 2    | < 10   | 180    | < 10   | 14     | 7      |

QC

| Analyte Symbol              | Ag      | Cu      | Pb      | Zn      | Au      | Ag     | Cd     | Cu       | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     |
|-----------------------------|---------|---------|---------|---------|---------|--------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppm     | %       | %       | %       | ppb     | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit                 | 3       | 0.001   | 0.003   | 0.001   | 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   |
| Method Code                 | ICP-OES | ICP-OES | ICP-OES | ICP-OES | 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 |
| GXR-1 Meas                  |         |         |         |         |         | 27.4   | 2.3    | 1010     | 779    | 13     | 28     | 606    | 687    | 0.30   | 385    | 12     | 151    | 0.8    | 1410   | 0.72   | 7      | 8      | 20.4   |
| GXR-1 Cert                  |         |         |         |         |         | 31.0   | 3.30   | 1110     | 852    | 18.0   | 41.0   | 730    | 760    | 3.52   | 427    | 15.0   | 750    | 1.22   | 1380   | 0.960  | 8.20   | 12.0   | 23.6   |
| GXR-4 Meas                  |         |         |         |         |         | 3.4    | < 0.5  | 6110     | 151    | 313    | 39     | 40     | 75     | 2.74   | 110    | < 10   | 29     | 1.5    | 13     | 0.89   | 14     | 57     | 2.95   |
| GXR-4 Cert                  |         |         |         |         |         | 4.0    | 0.860  | 6520     | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   |
| GXR-6 Meas                  |         |         |         |         |         | 0.3    | < 0.5  | 64       | 997    | 2      | 24     | 94     | 130    | 6.85   | 231    | < 10   | 897    | 1.0    | < 2    | 0.16   | 13     | 83     | 5.32   |
| GXR-6 Cert                  |         |         |         |         |         | 1.30   | 1.00   | 66.0     | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   |
| CCU-1d Meas                 | 123     | 23.9    | 0.264   | 2.61    |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert                 | 120.7   | 23.93   | 0.262   | 2.63    |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Meas                  |         | 0.127   |         | 6.11    |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Cert                  |         | 0.1213  |         | 6.04    |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas                  | 51      | 0.409   | 0.189   | 55.2    |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert                  | 51.4    | 0.403   | 0.1861  | 55.07   |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                   |         |         |         |         | 819     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                   |         |         |         |         | 835.000 |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                   |         |         |         |         | 805     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                   |         |         |         |         | 835.000 |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                   |         |         |         |         | 898     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                   |         |         |         |         | 835.000 |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                   |         |         |         |         | 820     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                   |         |         |         |         | 835.000 |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                   |         |         |         |         | 802     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                   |         |         |         |         | 835.000 |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   |         |         |         |         | 595     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   |         |         |         |         | 599     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   |         |         |         |         | 579     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   |         |         |         |         | 599     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   |         |         |         |         | 618     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   |         |         |         |         | 599     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   |         |         |         |         | 595     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   |         |         |         |         | 599     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   |         |         |         |         | 574     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   |         |         |         |         | 599     |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |         |         |         |         |         | 1.3    | < 0.5  | 2410     |        |        |        | 57     | 300    | 3.01   | 5      |        |        |        |        | 0.44   | 21     |        | 5.53   |
| OREAS 922 (AQUA REGIA) Cert |         |         |         |         |         | 0.851  | 0.28   | 2176     |        |        |        | 60     | 256    | 2.72   | 6.12   |        |        |        |        | 0.324  | 19.4   |        | 5.05   |
| OREAS 923 (AQUA REGIA) Meas |         |         |         |         |         | 2.4    | < 0.5  | 4400     |        |        |        | 76     | 373    | 2.92   | 4      |        |        |        |        | 0.44   | 23     |        | 5.97   |
| OREAS 923 (AQUA REGIA) Cert |         |         |         |         |         | 1.62   | 0.40   | 4248     |        |        |        | 81     | 335    | 2.80   | 7.07   |        |        |        |        | 0.326  | 22.2   |        | 5.91   |
| SdAR-M2 (U.S.G.S.) Meas     |         |         |         |         |         | 15.3   | 5.1    | 253      | 926    | 13     | 42     | 797    | 864    | 0.67   | 79     | 20     | 110    | 4.9    | < 2    | 0.31   | 12     | 9      | 1.45   |
| SdAR-M2 (U.S.G.S.) Cert     |         |         |         |         |         | 14.0   | 5.0    | 228.0000 | 1000   | 13.2   | 51.0   | 761    | 744    | 5.98   | 78     | 37     | 981    | 6.3    | 1.10   | 0.59   | 14     | 54     | 1.790  |
| 18060 Orig                  | 19      | 0.393   | 0.122   | 3.26    |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18060 Dup                   | 21      | 0.400   | 0.122   | 3.32    |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18071 Orig                  |         |         |         |         | 32      |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18071 Dup                   |         |         |         |         | 27      |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18188 Orig                  |         |         |         |         | 75      | < 0.2  | < 0.5  | 291      | 813    | 4      | 31     | 4      | 36     | 1.74   | 13     | < 10   | 14     | 0.6    | < 2    | 4.56   | 20     | 81     | 6.34   |
| 18188 Dup                   |         |         |         |         | 62      | < 0.2  | < 0.5  | 255      | 739    | 3      | 27     | 4      | 32     | 1.54   | 11     | < 10   | 13     | 0.5    | < 2    | 4.55   | 18     | 74     | 5.75   |

| Analyte Symbol   | Ag      | Cu      | Pb      | Zn      | Au    | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     |
|------------------|---------|---------|---------|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol      | ppm     | %       | %       | %       | ppb   | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit      | 3       | 0.001   | 0.003   | 0.001   | 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   |
| Method Code      | ICP-OES | ICP-OES | ICP-OES | ICP-OES | 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 |
| 19884 Orig       |         |         |         |         | 144   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 19884 Dup        |         |         |         |         | 136   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 19885 Split Orig |         |         |         |         | 23    | 0.2    | 1.2    | 271    | 1320   | < 1    | 10     | 11     | 177    | 2.95   | 9      | < 10   | 25     | 1.6    | < 2    | 6.22   | 18     | 6      | 4.77   |
| 19885 Split      |         |         |         |         | 28    | 0.4    | 1.4    | 323    | 1470   | < 1    | 10     | 12     | 204    | 3.33   | 9      | < 10   | 32     | 1.8    | < 2    | 7.02   | 20     | 7      | 5.47   |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     |         |         |         |         | < 5   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank     | < 3     | < 0.001 | < 0.003 | < 0.001 |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

QC

| Analyte Symbol | Ga     | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm    | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit    | 10     | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP | AR-ICP |
| GXR-1 Meas     | < 10   | 4      | 0.03   | < 10   | 0.12   | 0.045  | 0.037  | 0.17   | 78     | 1      | 160    | < 0.01 | 5      | < 2    | < 10   | 72     | 158    | 22     | 15     |
| GXR-1 Cert     | 13.8   | 3.90   | 0.050  | 7.50   | 0.217  | 0.0520 | 0.0650 | 0.257  | 122    | 1.58   | 275    | 0.036  | 13.0   | 0.390  | 34.9   | 80.0   | 164    | 32.0   | 38.0   |
| GXR-4 Meas     | < 10   | < 1    | 1.64   | 50     | 1.57   | 0.130  | 0.121  | 1.53   | 4      | 7      | 75     | 0.17   | < 1    | < 2    | < 10   | 78     | 18     | 11     | 11     |
| GXR-4 Cert     | 20.0   | 0.110  | 4.01   | 64.5   | 1.66   | 0.564  | 0.120  | 1.77   | 4.80   | 7.70   | 221    | 0.29   | 0.970  | 3.20   | 6.20   | 87.0   | 30.8   | 14.0   | 186    |
| GXR-6 Meas     | 10     | < 1    | 1.07   | 11     | 0.38   | 0.085  | 0.033  | 0.01   | 4      | 23     | 35     |        | < 1    | < 2    | < 10   | 167    | < 10   | 6      | 12     |
| GXR-6 Cert     | 35.0   | 0.0680 | 1.87   | 13.9   | 0.609  | 0.104  | 0.0350 | 0.0160 | 3.60   | 27.6   | 35.0   |        | 0.0180 | 2.20   | 1.54   | 186    | 1.90   | 14.0   | 110    |
| CCU-1d Meas    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

| Analyte Symbol              | Ga     | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppm    | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit                 | 10     | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP | AR-ICP |
| SE68 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |        |        |        |        | 1.47   |        |        | 0.36   | < 2    |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Cert |        |        |        |        | 1.33   |        |        | 0.386  | 0.57   |        |        |        |        |        |        |        |        |        |        |
| OREAS 923 (AQUA REGIA) Meas |        |        |        |        | 1.52   |        |        | 0.61   | 2      |        |        |        |        |        |        |        |        |        |        |
| OREAS 923 (AQUA REGIA) Cert |        |        |        |        | 1.43   |        |        | 0.684  | 0.58   |        |        |        |        |        |        |        |        |        |        |
| SdAR-M2 (U.S.G.S.) Meas     | < 10   |        | 0.25   | 41     | 0.21   | 0.060  | 0.027  |        | 89     | 2      | 20     | 0.06   | 7      | < 2    | < 10   | 16     | < 10   | 16     |        |
| SdAR-M2 (U.S.G.S.) Cert     | 21.0   |        | 4.27   | 43.0   | 0.280  | 1.90   | 0.032  |        | 91     | 3.9    | 143    | 0.170  | 1.70   | 3.0    | 2.63   | 22.6   | 2.8    | 32.0   |        |
| 18060 Orig                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18060 Dup                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18071 Orig                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18071 Dup                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18188 Orig                  | < 10   | < 1    | 0.21   | 20     | 1.26   | 0.109  | 0.221  | 3.92   | 3      | 21     | 112    | 0.18   | 4      | < 2    | < 10   | 218    | < 10   | 16     | 6      |
| 18188 Dup                   | < 10   | < 1    | 0.18   | 18     | 1.12   | 0.097  | 0.206  | 3.52   | 3      | 20     | 101    | 0.18   | 2      | < 2    | < 10   | 198    | < 10   | 14     | 6      |
| 19884 Orig                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 19884 Dup                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 19885 Split Orig            | 10     | < 1    | 0.15   | 20     | 1.08   | 0.235  | 0.221  | 2.59   | 10     | 13     | 410    | 0.31   | < 1    | < 2    | < 10   | 180    | < 10   | 14     | 7      |
| 19885 Split                 | 10     | < 1    | 0.17   | 22     | 1.24   | 0.265  | 0.247  | 3.08   | 12     | 15     | 467    | 0.34   | < 1    | 4      | < 10   | 205    | < 10   | 16     | 9      |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |



**Date Submitted:** 17-Jul-15  
**Invoice No.:** A15-05444  
**Invoice Date:** 29-Jul-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

8 Rock samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-05444**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control







**Date Submitted:** 17-Jul-15  
**Invoice No.:** A15-05444  
**Invoice Date:** 29-Jul-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

8 Rock samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-05444**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

| Analyte Symbol | Au      | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      |
|----------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppb     | g/tonne | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit    | 5       | 0.02    | 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   |
| Method Code    | FA-AA   | FA-GRA  | 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 |
| 2642051        | > 10000 | 25.9    | 63.0   | 63.4   | 9200   | 182    | < 1    | 17     | 25     | 2380   | 0.64   | > 10000 | < 10   | < 10   | < 0.5  | < 2    | 0.09   | 35     | 16     | 17.9   | < 10   | 1      | 0.07   |
| 2642052        | < 5     |         | < 0.2  | < 0.5  | 50     | 995    | < 1    | 43     | 12     | 28     | 1.29   | 107     | < 10   | 75     | 0.5    | < 2    | 11.1   | 11     | 44     | 3.62   | < 10   | 3      | 0.19   |
| 2642053        | 32      |         | 0.4    | 4.5    | 159    | 1800   | 3      | 13     | 23     | 685    | 3.64   | 177     | 12     | 24     | 2.6    | < 2    | 3.65   | 26     | 17     | 6.83   | 10     | < 1    | 0.11   |
| 2641919        | 8       |         | < 0.2  | < 0.5  | 5      | 8070   | < 1    | 6      | < 2    | 5      | 0.80   | 95      | < 10   | < 10   | < 0.5  | < 2    | 11.9   | 2      | 4      | 5.23   | < 10   | < 1    | 0.08   |
| 2641920        | 40      |         | < 0.2  | 1.2    | 290    | 2370   | 12     | 106    | 3      | 262    | 2.21   | 110     | < 10   | 52     | 2.0    | < 2    | 6.65   | 34     | 193    | 5.24   | < 10   | < 1    | 0.22   |
| 2641921        | > 10000 | 22.9    | > 100  | 54.7   | 753    | 290    | 4      | 8      | > 5000 | 8220   | 0.29   | > 10000 | < 10   | < 10   | < 0.5  | 5      | 1.22   | 26     | 18     | 9.66   | < 10   | < 1    | 0.15   |
| 2641922        | > 10000 | 20.0    | > 100  | 42.0   | 610    | 573    | 6      | 6      | > 5000 | 5560   | 0.45   | > 10000 | < 10   | < 10   | < 0.5  | 40     | 0.45   | 7      | 7      | 9.34   | < 10   | < 1    | 0.19   |
| 2641923        | > 10000 | 35.1    | 26.0   | 9.2    | 231    | 147    | 4      | 2      | 4970   | 1080   | 0.55   | > 10000 | < 10   | < 10   | < 0.5  | 207    | 0.29   | 37     | 7      | 14.0   | < 10   | < 1    | 0.32   |

Results

| Analyte Symbol | La     | Mg     | Na     | P      | S      | Sb      | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Ag      | Pb      |   |
|----------------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---|
| Unit Symbol    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm     | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm     | % |
| Lower Limit    | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2       | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 3       | 0.003   |   |
| Method Code    | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP  | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | ICP-OES | ICP-OES |   |
| 2642051        | < 10   | 0.44   | 0.018  | 0.051  | 6.89   | 148     | 3      | 5      | < 0.01 | < 1    | < 2    | < 10   | 49     | < 10   | 2      | 8      |         |         |   |
| 2642052        | 10     | 0.83   | 0.023  | 0.246  | 1.57   | 71      | 7      | 318    | < 0.01 | < 1    | 4      | < 10   | 65     | < 10   | 10     | 1      |         |         |   |
| 2642053        | 20     | 1.93   | 0.065  | 0.166  | 2.63   | 10      | 18     | 82     | 0.25   | < 1    | 2      | < 10   | 273    | < 10   | 12     | 6      |         |         |   |
| 2641919        | < 10   | 2.71   | 0.017  | 0.046  | 0.13   | 13      | 8      | 412    | < 0.01 | < 1    | 6      | < 10   | 38     | < 10   | 26     | 3      |         |         |   |
| 2641920        | 23     | 1.70   | 0.052  | 0.133  | 0.64   | 23      | 24     | 93     | 0.31   | < 1    | < 2    | < 10   | 189    | < 10   | 17     | 7      |         |         |   |
| 2641921        | < 10   | 0.06   | 0.013  | 0.027  | 7.48   | 7380    | 2      | 19     | 0.03   | 5      | < 2    | < 10   | 23     | < 10   | 2      | 5      | 126     | 1.56    |   |
| 2641922        | < 10   | 0.17   | 0.013  | 0.046  | 6.58   | > 10000 | 1      | 9      | < 0.01 | < 1    | < 2    | < 10   | 21     | < 10   | 1      | 3      | 187     | 5.59    |   |
| 2641923        | < 10   | 0.11   | 0.019  | 0.144  | 6.47   | 1100    | 4      | 13     | 0.09   | 8      | < 2    | < 10   | 54     | < 10   | 2      | 8      |         | 0.568   |   |

QC

| Analyte Symbol              | Au      | Au      | Ag     | Cd     | Cu       | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      |
|-----------------------------|---------|---------|--------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppb     | g/tonne | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit                 | 5       | 0.02    | 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   |
| Method Code                 | FA-AA   | FA-GRA  | 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 |
| GXR-1 Meas                  |         |         | 28.2   | 2.4    | 1050     | 780    | 14     | 28     | 632    | 698    | 0.34   | 395    | 13     | 132    | 0.9    | 1460   | 0.75   | 7      | 7      | 21.3   | < 10   | 3      | 0.03   |
| GXR-1 Cert                  |         |         | 31.0   | 3.30   | 1110     | 852    | 18.0   | 41.0   | 730    | 760    | 3.52   | 427    | 15.0   | 750    | 1.22   | 1380   | 0.960  | 8.20   | 12.0   | 23.6   | 13.8   | 3.90   | 0.050  |
| GXR-4 Meas                  |         |         | 3.4    | < 0.5  | 6140     | 152    | 310    | 40     | 40     | 74     | 2.79   | 104    | < 10   | 19     | 1.5    | 13     | 0.92   | 14     | 56     | 2.96   | < 10   | < 1    | 1.74   |
| GXR-4 Cert                  |         |         | 4.0    | 0.860  | 6520     | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   | 20.0   | 0.110  | 4.01   |
| GXR-6 Meas                  |         |         | 0.3    | < 0.5  | 64       | 1020   | 1      | 23     | 94     | 133    | 7.15   | 227    | < 10   | 928    | 1.0    | < 2    | 0.16   | 13     | 86     | 5.39   | 20     | 3      | 1.15   |
| GXR-6 Cert                  |         |         | 1.30   | 1.00   | 66.0     | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   | 35.0   | 0.0680 | 1.87   |
| CCU-1d Meas                 |         |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert                 |         |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas                  |         |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert                  |         |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Meas                 |         | 14.7    |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Cert                 |         | 14.82   |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                   | 825     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                   | 835.000 |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                   | 803     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                   | 835.000 |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   | 599     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   | 599     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   | 590     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   | 599     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |         |         | 0.6    | < 0.5  | 2300     |        |        |        | 58     | 285    | 3.06   | < 2    |        |        |        |        | 0.46   | 20     |        | 5.25   |        |        |        |
| OREAS 922 (AQUA REGIA) Cert |         |         | 0.851  | 0.28   | 2176     |        |        |        | 60     | 256    | 2.72   | 6.12   |        |        |        |        | 0.324  | 19.4   |        | 5.05   |        |        |        |
| OREAS 923 (AQUA REGIA) Meas |         |         | 1.6    | < 0.5  | 4280     |        |        |        | 80     | 371    | 3.01   | 5      |        |        |        |        | 0.46   | 22     |        | 5.88   |        |        |        |
| OREAS 923 (AQUA REGIA) Cert |         |         | 1.62   | 0.40   | 4248     |        |        |        | 81     | 335    | 2.80   | 7.07   |        |        |        |        | 0.326  | 22.2   |        | 5.91   |        |        |        |
| OXN117 Meas                 |         | 7.43    |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXN117 Cert                 |         | 7.679   |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SdAR-M2 (U.S.G.S.) Meas     |         |         | 15.0   | 4.9    | 249      | 905    | 13     | 42     | 787    | 855    | 0.67   | 78     | 20     | 112    | 4.9    | < 2    | 0.31   | 12     | 9      | 1.44   | < 10   |        | 0.25   |
| SdAR-M2 (U.S.G.S.) Cert     |         |         | 14.0   | 5.0    | 228.0000 | 1000   | 13.2   | 51.0   | 761    | 744    | 5.98   | 78     | 37     | 981    | 6.3    | 1.10   | 0.59   | 14     | 54     | 1.790  | 21.0   |        | 4.27   |
| 2641919 Orig                |         |         | < 0.2  | < 0.5  | 5        | 8180   | < 1    | 6      | < 2    | 5      | 0.80   | 95     | < 10   | < 10   | < 0.5  | < 2    | 11.9   | 2      | 4      | 5.19   | < 10   | < 1    | 0.09   |
| 2641919 Dup                 |         |         | < 0.2  | < 0.5  | 4        | 7960   | < 1    | 6      | < 2    | 5      | 0.81   | 95     | < 10   | < 10   | < 0.5  | < 2    | 12.0   | 2      | 4      | 5.26   | < 10   | < 1    | 0.08   |
| 2641923 Orig                | > 10000 |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 2641923 Dup                 | > 10000 |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                | < 5     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                | < 5     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                | < 5     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                | < 5     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                | < 5     |         |        |        |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

QC

| Analyte Symbol | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Ag      | Pb      |   |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---|
| Unit Symbol    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm     | % |
| Lower Limit    | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 3       | 0.003   |   |
| Method Code    | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | ICP-OES | ICP-OES |   |
| GXR-1 Meas     | < 10   | 0.13   | 0.048  | 0.043  | 0.17   | 90     | 1      | 190    | < 0.01 | 5      | < 2    | < 10   | 74     | 162    | 23     | 16     |         |         |   |

|                             |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
|-----------------------------|------|-------|--------|--------|--------|------|------|------|--------|--------|-------|------|------|------|------|------|-------|---------|
| GXR-1 Cert                  | 7.50 | 0.217 | 0.0520 | 0.0650 | 0.257  | 122  | 1.58 | 275  | 0.036  | 13.0   | 0.390 | 34.9 | 80.0 | 164  | 32.0 | 38.0 |       |         |
| GXR-4 Meas                  | 48   | 1.59  | 0.146  | 0.118  | 1.54   | 3    | 7    | 79   | 0.17   | 1      | < 2   | < 10 | 78   | 16   | 11   | 12   |       |         |
| GXR-4 Cert                  | 64.5 | 1.66  | 0.564  | 0.120  | 1.77   | 4.80 | 7.70 | 221  | 0.29   | 0.970  | 3.20  | 6.20 | 87.0 | 30.8 | 14.0 | 186  |       |         |
| GXR-6 Meas                  | 11   | 0.40  | 0.091  | 0.033  | 0.01   | 5    | 23   | 37   |        | < 1    | < 2   | < 10 | 170  | < 10 | 6    | 9    |       |         |
| GXR-6 Cert                  | 13.9 | 0.609 | 0.104  | 0.0350 | 0.0160 | 3.60 | 27.6 | 35.0 |        | 0.0180 | 2.20  | 1.54 | 186  | 1.90 | 14.0 | 110  |       |         |
| CCU-1d Meas                 |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      | 123   | 0.264   |
| CCU-1d Cert                 |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      | 120.7 | 0.262   |
| CZN-4 Meas                  |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      | 51    | 0.189   |
| CZN-4 Cert                  |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      | 51.4  | 0.1861  |
| OxP 91 Meas                 |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| OxP 91 Cert                 |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| SF67 Meas                   |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| SF67 Cert                   |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| SF67 Meas                   |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| SF67 Cert                   |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| SE68 Meas                   |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| SE68 Cert                   |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| SE68 Meas                   |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| SE68 Cert                   |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| OREAS 922 (AQUA REGIA) Meas |      | 1.40  |        |        | 0.34   | 3    |      |      |        |        |       |      |      |      |      |      |       |         |
| OREAS 922 (AQUA REGIA) Cert |      | 1.33  |        |        | 0.386  | 0.57 |      |      |        |        |       |      |      |      |      |      |       |         |
| OREAS 923 (AQUA REGIA) Meas |      | 1.49  |        |        | 0.62   | < 2  |      |      |        |        |       |      |      |      |      |      |       |         |
| OREAS 923 (AQUA REGIA) Cert |      | 1.43  |        |        | 0.684  | 0.58 |      |      |        |        |       |      |      |      |      |      |       |         |
| OXN117 Meas                 |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| OXN117 Cert                 |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| SdAR-M2 (U.S.G.S.) Meas     | 41   | 0.21  | 0.062  | 0.027  |        | 86   | 2    | 20   | 0.07   | 8      | < 2   | < 10 | 17   | < 10 | 16   |      |       |         |
| SdAR-M2 (U.S.G.S.) Cert     | 43.0 | 0.280 | 1.90   | 0.032  |        | 91   | 3.9  | 143  | 0.170  | 1.70   | 3.0   | 2.63 | 22.6 | 2.8  | 32.0 |      |       |         |
| 2641919 Orig                | < 10 | 2.69  | 0.018  | 0.046  | 0.13   | 12   | 8    | 408  | < 0.01 | < 1    | 6     | < 10 | 38   | < 10 | 26   | 3    |       |         |
| 2641919 Dup                 | < 10 | 2.72  | 0.016  | 0.047  | 0.13   | 14   | 8    | 416  | < 0.01 | < 1    | 7     | < 10 | 38   | < 10 | 26   | 3    |       |         |
| 2641923 Orig                |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      | 24    | 0.567   |
| 2641923 Dup                 |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      | 27    | 0.569   |
| Method Blank                |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| Method Blank                |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| Method Blank                |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      | < 3   | < 0.003 |
| Method Blank                |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |
| Method Blank                |      |       |        |        |        |      |      |      |        |        |       |      |      |      |      |      |       |         |



**Date Submitted:** 19-Aug-15  
**Invoice No.:** A15-06794 (i)  
**Invoice Date:** 04-Sep-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

24 Rock samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-06794 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 19-Aug-15  
**Invoice No.:** A15-06794 (i)  
**Invoice Date:** 04-Sep-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

24 Rock samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06794 (i)**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



## Results

| Analyte Symbol | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      | La     |
|----------------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppb     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | 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 |
| 2641924        | 116     | 1.3    | 11.6   | 24     | 2940   | < 1    | < 1    | 44     | 991     | 0.11   | 995     | < 10   | 14     | < 0.5  | < 2    | 20.4   | 1      | < 1    | 1.54   | < 10   | 2      | 0.06   | < 10   |
| 2641925        | 5020    | 10.5   | 180    | 205    | 1840   | 2      | 3      | 739    | > 10000 | 0.89   | > 10000 | < 10   | 13     | < 0.5  | 19     | 2.73   | 12     | 5      | 7.59   | < 10   | < 1    | 0.38   | 10     |
| 2641926        | > 10000 | 23.8   | 183    | 577    | 604    | 1      | 3      | 1670   | > 10000 | 0.52   | > 10000 | < 10   | < 10   | < 0.5  | 87     | 0.39   | 22     | 2      | 16.0   | < 10   | < 1    | 0.17   | < 10   |
| 2641927        | 2660    | 13.7   | 154    | 1310   | 315    | 5      | 5      | 181    | > 10000 | 0.34   | > 10000 | < 10   | < 10   | < 0.5  | 4      | 0.75   | 88     | 4      | 12.5   | < 10   | < 1    | 0.19   | < 10   |
| 2641928        | 1260    | 0.4    | 0.7    | 177    | 446    | < 1    | 17     | 8      | 90      | 3.33   | 219     | < 10   | 65     | 1.0    | < 2    | 1.84   | 23     | 7      | 5.02   | 10     | < 1    | 0.73   | 25     |
| 2641929        | 19      | 0.2    | 0.5    | 48     | 119    | 3      | 10     | < 2    | 67      | 1.55   | 145     | < 10   | 14     | < 0.5  | < 2    | 0.35   | 15     | 8      | 4.83   | < 10   | < 1    | 0.86   | 12     |
| 5080601        | 9360    | 21.2   | 109    | 227    | 3120   | 2      | < 1    | 1290   | > 10000 | 0.45   | 5880    | < 10   | 25     | < 0.5  | 40     | 3.94   | 4      | 4      | 5.91   | < 10   | < 1    | 0.24   | < 10   |
| 5080602        | > 10000 | 6.9    | 16.7   | 499    | 954    | 1      | 5      | 202    | 1220    | 0.45   | > 10000 | < 10   | 13     | < 0.5  | 23     | 1.36   | 6      | 15     | 6.72   | < 10   | < 1    | 0.24   | < 10   |
| 5080603        | 1290    | 0.9    | 0.9    | 69     | 1040   | 2      | 9      | 14     | 24      | 0.60   | > 10000 | < 10   | 12     | < 0.5  | 6      | 13.4   | 24     | 6      | 4.11   | < 10   | < 1    | 0.14   | < 10   |
| 5080604        | 1080    | 2.4    | 2.8    | 55     | 249    | 4      | 6      | 20     | 212     | 0.96   | 4950    | < 10   | 13     | < 0.5  | 2      | 0.63   | 14     | 8      | 5.27   | < 10   | < 1    | 0.46   | < 10   |
| 5080605        | 3600    | 3.7    | 124    | 85     | 3650   | < 1    | 2      | 117    | > 10000 | 0.44   | > 10000 | < 10   | 23     | < 0.5  | 11     | 9.51   | 6      | 3      | 6.76   | < 10   | < 1    | 0.17   | < 10   |
| 5080606        | 919     | 2.5    | 101    | 100    | 2290   | 2      | 4      | 71     | 7870    | 0.77   | > 10000 | < 10   | 29     | < 0.5  | 6      | 5.21   | 13     | 4      | 4.62   | < 10   | < 1    | 0.37   | < 10   |
| 2641936        | 3550    | 4.5    | 6.5    | 230    | 668    | 1      | 8      | 121    | 536     | 0.56   | > 10000 | < 10   | < 10   | < 0.5  | 14     | 4.67   | 37     | 8      | 6.67   | < 10   | < 1    | 0.29   | < 10   |
| 2641937        | 246     | 1.3    | 0.7    | 127    | 923    | < 1    | 9      | 15     | 66      | 0.67   | 2590    | < 10   | 32     | < 0.5  | < 2    | 7.46   | 8      | 7      | 3.29   | < 10   | < 1    | 0.33   | 10     |
| 2641938        | 2720    | 3.8    | 25.1   | 169    | 2790   | 1      | 9      | 98     | 2110    | 0.46   | 8600    | < 10   | 14     | < 0.5  | 3      | 4.16   | 11     | 11     | 5.93   | < 10   | < 1    | 0.23   | < 10   |
| 2641939        | 188     | 0.7    | 1.0    | 45     | 3620   | 2      | 6      | 23     | 68      | 0.81   | 1830    | < 10   | 52     | < 0.5  | 8      | 10.7   | 6      | 10     | 2.12   | < 10   | 2      | 0.27   | 10     |
| 2641940        | 4450    | 2.0    | 4.5    | 30     | 8060   | < 1    | 6      | 538    | 395     | 0.41   | > 10000 | < 10   | 18     | < 0.5  | 6      | 9.49   | 17     | 5      | 8.64   | < 10   | < 1    | 0.16   | < 10   |
| 2641941        | 8670    | 31.7   | 463    | 868    | 343    | 5      | 2      | 1260   | > 10000 | 0.48   | 8230    | < 10   | < 10   | < 0.5  | 13     | 0.72   | 6      | 4      | 13.3   | < 10   | < 1    | 0.25   | < 10   |
| 2641930        | 40      | 0.2    | < 0.5  | 4      | 544    | < 1    | 9      | 9      | 74      | 3.47   | 106     | 23     | 68     | 1.5    | < 2    | 2.71   | 7      | 8      | 5.94   | 10     | < 1    | 0.55   | 23     |
| 2641931        | 1000    | 0.7    | 0.8    | 157    | 345    | 1      | 15     | 7      | 94      | 1.83   | 31      | < 10   | 29     | 0.6    | < 2    | 1.20   | 28     | 16     | 5.52   | < 10   | < 1    | 0.24   | < 10   |
| 2641932        | 21      | < 0.2  | < 0.5  | 61     | 1450   | < 1    | 4      | < 2    | 28      | 1.74   | 36      | < 10   | 107    | < 0.5  | 2      | 11.2   | 9      | 2      | 5.05   | < 10   | < 1    | 0.15   | 13     |
| 2641933        | > 10000 | 20.6   | 9.2    | 337    | 51     | 2      | 3      | 981    | 434     | 0.19   | > 10000 | < 10   | < 10   | < 0.5  | 174    | 0.02   | 5      | 3      | 14.4   | < 10   | < 1    | 0.10   | < 10   |
| 2641934        | > 10000 | 14.1   | 17.4   | 105    | 129    | < 1    | 3      | 220    | 1440    | 0.23   | > 10000 | < 10   | < 10   | < 0.5  | 39     | 0.05   | 12     | 7      | 13.7   | < 10   | < 1    | 0.08   | < 10   |
| 2641935        | 6150    | 4.7    | 8.2    | 32     | 77     | < 1    | 1      | 458    | 335     | 0.29   | > 10000 | < 10   | 13     | < 0.5  | 40     | < 0.01 | 2      | 2      | 13.7   | < 10   | < 1    | 0.16   | < 10   |



Results

| Analyte Symbol | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Zn      | Au      |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | %       | g/tonne |
| Lower Limit    | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.001   | 0.02    |
| 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 | ICP-OES | FA-GRA  |
| 2641924        | 0.09   | 0.016  | 0.009  | 1.00   | 37     | < 1    | 533    | < 0.01 | 1      | < 2    | < 10   | 2      | < 10   | 5      | < 1    |         |         |
| 2641925        | 0.17   | 0.017  | 0.071  | 2.82   | 63     | 1      | 65     | < 0.01 | < 1    | < 2    | < 10   | 22     | 24     | 9      | 6      | 1.77    |         |
| 2641926        | 0.08   | 0.020  | 0.044  | 8.31   | 979    | 1      | 13     | < 0.01 | < 1    | < 2    | < 10   | 27     | 14     | 3      | 6      | 1.85    | 16.7    |
| 2641927        | 0.03   | 0.012  | 0.025  | 7.92   | 367    | < 1    | 16     | < 0.01 | < 1    | 5      | < 10   | 15     | 11     | 1      | 4      | 1.59    |         |
| 2641928        | 2.19   | 0.289  | 0.234  | 0.67   | 14     | 10     | 264    | 0.30   | < 1    | < 2    | < 10   | 232    | < 10   | 9      | 4      |         |         |
| 2641929        | 0.90   | 0.074  | 0.160  | 3.88   | 5      | 5      | 50     | 0.10   | 1      | < 2    | < 10   | 76     | < 10   | 6      | 13     |         |         |
| 5080601        | 0.38   | 0.015  | 0.047  | 1.35   | 565    | < 1    | 70     | < 0.01 | 3      | < 2    | < 10   | 11     | 13     | 4      | 3      | 1.12    |         |
| 5080602        | 0.22   | 0.018  | 0.042  | 2.63   | 138    | 1      | 25     | < 0.01 | 2      | < 2    | < 10   | 14     | < 10   | 3      | 4      |         | 10.0    |
| 5080603        | 0.31   | 0.027  | 0.051  | 2.21   | 24     | 3      | 199    | < 0.01 | 9      | 4      | < 10   | 33     | < 10   | 7      | 3      |         |         |
| 5080604        | 0.12   | 0.017  | 0.147  | 3.44   | 52     | 2      | 13     | < 0.01 | 2      | < 2    | < 10   | 28     | < 10   | 5      | 2      |         |         |
| 5080605        | 0.54   | 0.014  | 0.028  | 4.48   | 114    | < 1    | 107    | < 0.01 | < 1    | < 2    | < 10   | 9      | 16     | 9      | 3      | 1.44    |         |
| 5080606        | 0.16   | 0.018  | 0.087  | 1.70   | 28     | 1      | 128    | < 0.01 | 2      | < 2    | < 10   | 18     | 15     | 10     | 2      |         |         |
| 2641936        | 0.07   | 0.016  | 0.065  | 4.95   | 77     | 2      | 53     | < 0.01 | 4      | < 2    | < 10   | 16     | < 10   | 6      | 5      |         |         |
| 2641937        | 0.09   | 0.019  | 0.089  | 1.85   | 63     | 1      | 80     | < 0.01 | 1      | < 2    | < 10   | 14     | < 10   | 6      | 1      |         |         |
| 2641938        | 0.25   | 0.015  | 0.041  | 4.10   | 117    | 2      | 76     | < 0.01 | < 1    | < 2    | < 10   | 16     | < 10   | 5      | 4      |         |         |
| 2641939        | 0.35   | 0.019  | 0.048  | 0.27   | 83     | 4      | 200    | < 0.01 | < 1    | 3      | < 10   | 21     | < 10   | 11     | 3      |         |         |
| 2641940        | 1.04   | 0.017  | 0.026  | 3.52   | 267    | 2      | 111    | < 0.01 | 5      | < 2    | < 10   | 11     | < 10   | 13     | 3      |         |         |
| 2641941        | 0.05   | 0.014  | 0.051  | 14.3   | 59     | < 1    | 13     | < 0.01 | < 1    | < 2    | < 10   | 13     | 17     | 3      | 7      | 4.84    |         |
| 2641930        | 1.89   | 0.158  | 0.223  | 1.01   | 7      | 7      | 230    | 0.33   | 1      | < 2    | < 10   | 213    | < 10   | 10     | 4      |         |         |
| 2641931        | 0.89   | 0.199  | 0.134  | 2.63   | 4      | 6      | 122    | 0.34   | 2      | < 2    | < 10   | 122    | < 10   | 11     | 4      |         |         |
| 2641932        | 2.61   | 0.020  | 0.121  | 0.27   | 8      | 5      | 171    | < 0.01 | 4      | < 2    | < 10   | 52     | < 10   | 11     | 1      |         |         |
| 2641933        | 0.02   | 0.012  | 0.017  | 2.27   | 730    | < 1    | 2      | < 0.01 | 2      | < 2    | < 10   | 9      | < 10   | < 1    | 4      |         | 12.8    |
| 2641934        | 0.08   | 0.013  | 0.012  | 11.1   | 233    | < 1    | 2      | < 0.01 | 4      | < 2    | < 10   | 31     | < 10   | < 1    | 3      |         | 17.3    |
| 2641935        | 0.02   | 0.011  | 0.031  | 1.36   | 238    | < 1    | 1      | < 0.01 | < 1    | 2      | < 10   | 12     | < 10   | < 1    | 6      |         |         |

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| Analyte Symbol              | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      | La     |
|-----------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppb     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | 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 |
| GXR-1 Meas                  |         | 26.5   | 1.8    | 1050   | 823    | 15     | 36     | 576    | 680    | 0.31   | 379    | < 10   | 101    | 0.8    | 1350   | 0.72   | 7      | 13     | 20.7   | < 10   | 1      | 0.03   | < 10   |
| GXR-1 Cert                  |         | 31.0   | 3.30   | 1110   | 852    | 18.0   | 41.0   | 730    | 760    | 3.52   | 427    | 15.0   | 750    | 1.22   | 1380   | 0.960  | 8.20   | 12.0   | 23.6   | 13.8   | 3.90   | 0.050  | 7.50   |
| GXR-4 Meas                  |         | 3.3    | < 0.5  | 5900   | 143    | 317    | 36     | 39     | 71     | 2.53   | 104    | < 10   | 36     | 1.4    | 12     | 0.83   | 13     | 56     | 2.85   | < 10   | < 1    | 1.56   | 46     |
| GXR-4 Cert                  |         | 4.0    | 0.860  | 6520   | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   | 20.0   | 0.110  | 4.01   | 64.5   |
| GXR-6 Meas                  |         | 0.3    | < 0.5  | 64     | 975    | 2      | 22     | 85     | 123    | 6.48   | 217    | < 10   | 869    | 0.9    | < 2    | 0.14   | 12     | 80     | 5.13   | 10     | < 1    | 1.04   | < 10   |
| GXR-6 Cert                  |         | 1.30   | 1.00   | 66.0   | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   | 35.0   | 0.0680 | 1.87   | 13.9   |
| MP-1b Meas                  |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| MP-1b Cert                  |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Meas                 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert                 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas                  |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert                  |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  | 5900    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  | 5950    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  | 5630    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  | 6040    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  | 5640    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Meas                 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Cert                 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Meas                 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Cert                 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                   | 788     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                   | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   | 1060    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   | 1080    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   | 1070    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   | 1110    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   | 576     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   | 599     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   | 594     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   | 599     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |         | 0.8    | < 0.5  | 2100   | 709    | < 1    | 31     | 56     | 256    | 2.62   | 3      |        | 84     | 0.7    | 5      | 0.39   | 17     | 45     | 4.82   | < 10   |        | 0.43   | 37     |
| OREAS 922 (AQUA REGIA) 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 (AQUA REGIA) Meas |         | 1.4    | < 0.5  | 4140   | 837    | < 1    | 31     | 75     | 341    | 2.73   | 19     |        | 69     | 0.7    | 12     | 0.40   | 21     | 43     | 5.63   | < 10   |        | 0.37   | 35     |
| OREAS 923 (AQUA REGIA) 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   |
| OXN117 Meas                 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXN117 Cert                 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |



| Analyte Symbol              | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Zn      | Au      |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol                 | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | %       | g/tonne |
| Lower Limit                 | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.001   | 0.02    |
| 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 | ICP-OES | FA-GRA  |
| CZN-4 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 55.07   |         |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OXL93 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OXL93 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OXL93 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OXL93 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxP 91 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 15.0    |
| OxP 91 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 14.82   |
| OxP 91 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 14.9    |
| OxP 91 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 14.82   |
| SF67 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SE68 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SE68 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SE68 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SE68 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OREAS 922 (AQUA REGIA) Meas | 1.28   | 0.027  | 0.060  | 0.31   | < 2    | 4      | 16     |        |        | < 2    | < 10   | 34     | < 10   | 19     | 19     |         |         |
| OREAS 922 (AQUA REGIA) Cert | 1.33   | 0.021  | 0.063  | 0.386  | 0.57   | 3.15   | 15.0   |        |        | 0.14   | 1.98   | 29.4   | 1.12   | 16.0   | 22.3   |         |         |
| OREAS 923 (AQUA REGIA) Meas | 1.43   |        | 0.058  | 0.58   | 4      | 4      | 14     |        |        | < 2    | < 10   | 34     | < 10   | 18     | 22     |         |         |
| OREAS 923 (AQUA REGIA) Cert | 1.43   |        | 0.061  | 0.684  | 0.58   | 3.09   | 13.6   |        |        | 0.12   | 1.80   | 30.6   | 1.96   | 14.3   | 22.5   |         |         |
| OXN117 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 7.79    |
| OXN117 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 7.679   |
| OXN117 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 7.87    |
| OXN117 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 7.679   |
| OXN117 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 7.59    |
| OXN117 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 7.679   |
| 2641928 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 2641928 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 5080604 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 5080604 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 2641936 Orig                | 0.07   | 0.015  | 0.065  | 5.07   | 77     | 2      | 54     | < 0.01 | 3      | 2      | < 10   | 16     | < 10   | 6      | 5      |         |         |
| 2641936 Dup                 | 0.07   | 0.016  | 0.065  | 4.82   | 78     | 2      | 52     | < 0.01 | 5      | < 2    | < 10   | 16     | < 10   | 6      | 5      |         |         |

| Analyte Symbol     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Zn      | Au      |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol        | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | %       | g/tonne |
| Lower Limit        | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.001   | 0.02    |
| 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 | ICP-OES | FA-GRA  |
| 2641940 Orig       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 2641940 Dup        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 2641941 Orig       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 4.81    |         |
| 2641941 Dup        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 4.87    |         |
| 2641934 Orig       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 2641934 Dup        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| 2641935 Split Orig | 0.02   | 0.011  | 0.031  | 1.36   | 238    | < 1    | 1      | < 0.01 | < 1    | 2      | < 10   | 12     | < 10   | < 1    | 6      |         |         |
| 2641935 Split      | 0.02   | 0.013  | 0.031  | 1.34   | 245    | < 1    | 1      | < 0.01 | < 1    | < 2    | < 10   | 12     | < 10   | < 1    | 6      |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 0.002   |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | < 0.02  |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | < 0.02  |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | < 0.02  |



**Date Submitted:** 24-Aug-15  
**Invoice No.:** A15-06941 (i)  
**Invoice Date:** 08-Sep-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

31 Rock samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-06941 (i)**

Code 1A2-50-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 24-Aug-15  
**Invoice No.:** A15-06941 (i)  
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**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

31 Rock samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06941 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



## Results

| Analyte Symbol | Pb      | Zn      | Ag      | Au      | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     |
|----------------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | %       | %       | ppm     | ppb     | g/tonne | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit    | 0.003   | 0.001   | 3       | 5       | 0.02    | 0.2    | 0.5    | 1      | 5      | 1      | 1      | 2      | 2       | 0.01   | 2       | 10     | 10     | 0.5    | 2      | 0.01   | 1      | 1      | 0.01   |
| Method Code    | ICP-OES | ICP-OES | ICP-OES | FA-AA   | FA-GRA  | 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 |
| 5080551        |         |         |         | 17      |         | 0.3    | 1.9    | 89     | 2430   | < 1    | 3      | 28     | 259     | 0.97   | 24      | < 10   | 15     | 0.7    | < 2    | 14.5   | 15     | 3      | 4.02   |
| 5080552        |         |         |         | 8       |         | < 0.2  | < 0.5  | 93     | 1920   | < 1    | 4      | 8      | 34      | 0.50   | 109     | < 10   | < 10   | < 0.5  | < 2    | 21.5   | 8      | < 1    | 1.08   |
| 5080553        |         |         |         | < 5     |         | < 0.2  | < 0.5  | 38     | 2380   | 2      | 6      | 15     | 7       | 0.39   | 10      | < 10   | < 10   | < 0.5  | < 2    | 20.0   | 5      | 12     | 3.52   |
| 5080554        |         |         |         | 65      |         | < 0.2  | 0.5    | 188    | 2320   | < 1    | 18     | 14     | 19      | 1.56   | 139     | < 10   | 27     | 1.0    | < 2    | 10.9   | 18     | 53     | 4.73   |
| 5080555        |         |         |         | < 5     |         | 0.3    | < 0.5  | 413    | 448    | < 1    | 9      | 5      | 37      | 2.45   | 18      | < 10   | 10     | 1.1    | < 2    | 1.08   | 14     | 7      | 8.91   |
| 5080556        |         |         |         | 177     |         | 0.5    | < 0.5  | 109    | 642    | 4      | 11     | < 2    | 48      | 3.20   | 13      | < 10   | 32     | 0.8    | < 2    | 2.30   | 1      | 112    | 4.79   |
| 5080557        |         |         |         | 20      |         | < 0.2  | < 0.5  | 68     | 462    | 3      | 8      | 7      | 29      | 2.66   | 19      | < 10   | 10     | 1.1    | < 2    | 1.37   | 17     | 5      | 6.74   |
| 5080558        |         |         |         | 21      |         | < 0.2  | < 0.5  | 104    | 641    | 2      | 8      | 3      | 36      | 2.10   | 7       | < 10   | < 10   | 1.3    | < 2    | 2.00   | 21     | 4      | 5.91   |
| 5080559        |         |         |         | 145     |         | 0.2    | 0.8    | 173    | 621    | 2      | 82     | 8      | 118     | 2.39   | 9       | < 10   | 23     | 0.7    | < 2    | 1.56   | 32     | 85     | 6.56   |
| 5080560        |         |         |         | 257     |         | 1.0    | < 0.5  | 132    | 1300   | 3      | 5      | 24     | 133     | 2.55   | 484     | < 10   | 44     | 0.6    | 3      | 0.75   | 28     | 6      | 6.76   |
| 5080561        |         |         |         | 438     |         | 0.4    | < 0.5  | 221    | 435    | 4      | 9      | 5      | 39      | 2.89   | 14      | < 10   | 19     | 1.1    | < 2    | 1.37   | 20     | 5      | 6.69   |
| 5080562        |         |         |         | 54      |         | 0.3    | < 0.5  | 189    | 518    | 7      | 7      | 6      | 43      | 2.29   | 11      | < 10   | 44     | 0.6    | < 2    | 1.20   | 11     | 20     | 6.79   |
| 5080563        |         |         |         | 75      |         | 0.4    | < 0.5  | 252    | 261    | 13     | 7      | 5      | 43      | 2.43   | 8       | < 10   | 84     | 0.8    | < 2    | 0.35   | 3      | 8      | 7.38   |
| 5080607        |         | 1.61    |         | > 10000 | 21.3    | 18.1   | 262    | 597    | 422    | < 1    | 4      | 2630   | > 10000 | 0.79   | > 10000 | < 10   | < 10   | < 0.5  | 16     | 0.16   | 8      | 5      | 9.04   |
| 5080608        |         |         |         | 8170    |         | 19.7   | 40.0   | 257    | 867    | 3      | 8      | 872    | 3580    | 1.22   | > 10000 | < 10   | < 10   | < 0.5  | 19     | 0.20   | 17     | 19     | 12.7   |
| 5080609        |         |         |         | 16      |         | < 0.2  | 8.5    | 8      | 3410   | < 1    | < 1    | 45     | 2410    | 0.13   | 351     | < 10   | < 10   | < 0.5  | < 2    | 19.1   | < 1    | < 1    | 5.49   |
| 5080610        |         |         |         | 6       |         | < 0.2  | < 0.5  | 185    | 2450   | 1      | 12     | 11     | 48      | 1.70   | 31      | < 10   | 11     | 1.7    | < 2    | 16.7   | 15     | 2      | 4.47   |
| 5080611        |         |         |         | 69      |         | 1.0    | 0.6    | 459    | 2980   | 6      | 11     | 37     | 107     | 1.54   | 391     | < 10   | 18     | 0.9    | < 2    | 10.7   | 28     | 2      | 7.48   |
| 5080612        |         |         |         | > 10000 | 19.8    | 4.2    | < 0.5  | 285    | 607    | 7      | 8      | 21     | 96      | 1.96   | 471     | < 10   | 59     | < 0.5  | 25     | 0.22   | 8      | 35     | 13.4   |
| 5080613        |         |         |         | 84      |         | 0.3    | 0.5    | 183    | 1010   | 2      | 8      | 5      | 53      | 2.46   | 44      | < 10   | 38     | 0.8    | < 2    | 5.20   | 22     | 6      | 8.01   |
| 5080614        |         |         |         | 97      |         | < 0.2  | 0.6    | 118    | 2330   | 1      | 41     | < 2    | 67      | 1.76   | 59      | < 10   | 24     | 1.0    | < 2    | 15.3   | 31     | 24     | 4.70   |
| 5080615        |         |         |         | 99      |         | < 0.2  | < 0.5  | 106    | 1750   | 4      | 7      | 20     | 122     | 3.22   | 13      | < 10   | 18     | 1.2    | < 2    | 1.73   | 9      | 4      | 7.84   |
| 2641942        | 0.785   | 15.1    | 544     | > 10000 | 30.0    | > 100  | 1340   | 8170   | 5990   | < 1    | 8      | > 5000 | > 10000 | 0.34   | > 10000 | < 10   | < 10   | < 0.5  | 236    | 5.29   | 7      | 1      | 13.8   |
| 2641943        |         | 4.74    |         | 5560    |         | 61.0   | 412    | 1050   | 4490   | 3      | 3      | 536    | > 10000 | 0.70   | > 10000 | < 10   | < 10   | < 0.5  | 17     | 8.41   | 18     | 2      | 8.72   |
| 2641944        |         |         |         | 95      |         | 2.2    | 22.0   | 148    | 2950   | < 1    | 2      | 60     | 2270    | 1.86   | 217     | < 10   | 10     | 0.9    | < 2    | 16.1   | 10     | 1      | 3.85   |
| 2641945        |         |         |         | > 10000 | 37.2    | 16.3   | 8.6    | 56     | 4200   | < 1    | 10     | 202    | 843     | 0.30   | > 10000 | < 10   | < 10   | < 0.5  | 29     | 6.72   | 16     | 1      | 13.6   |
| 2641946        |         |         |         | 63      |         | 0.6    | 7.6    | 177    | 2160   | < 1    | 15     | 16     | 558     | 1.56   | 85      | < 10   | 25     | 1.1    | < 2    | 13.4   | 15     | 55     | 4.19   |
| 2641947        |         |         |         | 661     |         | 2.1    | 68.0   | 376    | 1540   | 1      | 6      | 185    | 6460    | 1.73   | 931     | < 10   | 44     | 1.0    | 2      | 7.95   | 18     | 2      | 5.96   |
| 2641948        |         |         |         | 15      |         | 0.4    | 1.0    | 415    | 1390   | < 1    | 11     | 6      | 137     | 2.42   | 47      | < 10   | 12     | 1.2    | < 2    | 4.09   | 31     | 9      | 5.75   |
| 2641949        |         |         |         | 83      |         | 4.4    | 95.9   | 127    | 2940   | < 1    | 6      | 2270   | 8290    | 0.60   | 66      | < 10   | 22     | < 0.5  | < 2    | 17.7   | 9      | 2      | 3.41   |
| 2641950        |         |         |         | 48      |         | 0.3    | 2.1    | 265    | 2050   | 2      | 8      | 25     | 386     | 2.42   | 100     | < 10   | 56     | 0.8    | < 2    | 4.34   | 22     | 3      | 5.24   |



## Results

| Analyte Symbol | Ga     | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm    | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit    | 10     | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP | AR-ICP |
| 5080551        | < 10   | < 1    | 0.08   | 17     | 0.63   | 0.058  | 0.070  | 2.47   | 9      | 4      | 318    | 0.11   | 2      | < 2    | < 10   | 69     | < 10   | 12     | 3      |
| 5080552        | < 10   | < 1    | < 0.01 | < 10   | 0.14   | 0.015  | 0.003  | 0.59   | 6      | 1      | 235    | < 0.01 | 4      | < 2    | < 10   | 4      | < 10   | 8      | < 1    |
| 5080553        | < 10   | < 1    | 0.01   | 13     | 0.32   | 0.015  | 0.015  | 1.70   | 11     | 3      | 223    | 0.04   | < 1    | < 2    | < 10   | 21     | < 10   | 12     | 3      |
| 5080554        | < 10   | < 1    | 0.13   | 22     | 0.82   | 0.156  | 0.139  | 2.81   | 9      | 18     | 183    | 0.30   | 3      | < 2    | < 10   | 165    | < 10   | 19     | 11     |
| 5080555        | 10     | < 1    | 0.15   | 20     | 1.15   | 0.151  | 0.183  | 5.00   | 5      | 14     | 176    | 0.22   | 2      | 3      | < 10   | 231    | < 10   | 12     | 15     |
| 5080556        | 10     | < 1    | 0.21   | 16     | 3.59   | 0.308  | 0.078  | 0.44   | 5      | 24     | 174    | 0.48   | 1      | < 2    | < 10   | 285    | < 10   | 11     | 1      |
| 5080557        | 10     | < 1    | 0.56   | 19     | 1.59   | 0.100  | 0.170  | 5.35   | 5      | 11     | 84     | 0.19   | < 1    | < 2    | < 10   | 185    | < 10   | 9      | 29     |
| 5080558        | 10     | < 1    | 0.69   | 23     | 1.97   | 0.065  | 0.243  | 4.96   | 4      | 9      | 67     | 0.09   | < 1    | < 2    | < 10   | 195    | < 10   | 12     | 14     |
| 5080559        | < 10   | < 1    | 0.29   | 15     | 2.10   | 0.208  | 0.128  | 2.61   | 7      | 9      | 163    | 0.22   | 4      | < 2    | < 10   | 152    | < 10   | 10     | 3      |
| 5080560        | 10     | < 1    | 0.31   | 20     | 2.20   | 0.039  | 0.230  | 0.31   | 29     | 11     | 41     | 0.08   | 3      | < 2    | < 10   | 188    | < 10   | 11     | 2      |
| 5080561        | 10     | < 1    | 0.20   | 24     | 1.72   | 0.204  | 0.151  | 2.11   | 6      | 8      | 295    | 0.18   | < 1    | < 2    | < 10   | 160    | < 10   | 15     | 4      |
| 5080562        | 10     | < 1    | 0.25   | 26     | 2.01   | 0.151  | 0.114  | 1.09   | 7      | 13     | 114    | 0.19   | 2      | < 2    | < 10   | 213    | < 10   | 13     | 2      |
| 5080563        | 10     | < 1    | 0.27   | 40     | 2.05   | 0.211  | 0.128  | 0.44   | 3      | 11     | 124    | 0.21   | 2      | < 2    | < 10   | 244    | < 10   | 13     | 3      |
| 5080607        | < 10   | 1      | 0.42   | 11     | 0.09   | 0.014  | 0.116  | 3.68   | 1530   | 2      | 11     | < 0.01 | < 1    | < 2    | < 10   | 30     | 11     | 4      | 32     |
| 5080608        | < 10   | < 1    | 0.63   | < 10   | 0.32   | 0.019  | 0.215  | 3.68   | 473    | 7      | 15     | < 0.01 | 5      | < 2    | < 10   | 61     | < 10   | 4      | 20     |
| 5080609        | < 10   | < 1    | < 0.01 | 15     | 0.17   | 0.016  | 0.004  | 2.37   | 34     | < 1    | 177    | 0.01   | 1      | < 2    | < 10   | 10     | < 10   | 12     | 3      |
| 5080610        | < 10   | < 1    | 0.05   | 30     | 0.45   | 0.025  | 0.045  | 1.69   | 10     | 3      | 157    | 0.10   | 9      | < 2    | < 10   | 51     | < 10   | 18     | 10     |
| 5080611        | < 10   | < 1    | 0.13   | 24     | 0.47   | 0.084  | 0.126  | 4.65   | 30     | 5      | 115    | 0.17   | 6      | < 2    | < 10   | 88     | < 10   | 21     | 13     |
| 5080612        | 10     | 2      | 0.22   | 13     | 1.46   | 0.105  | 0.078  | 0.53   | 58     | 16     | 73     | 0.23   | 42     | < 2    | < 10   | 197    | < 10   | 4      | 11     |
| 5080613        | < 10   | < 1    | 0.27   | 14     | 1.49   | 0.147  | 0.140  | 2.54   | 10     | 12     | 123    | 0.23   | 2      | < 2    | < 10   | 153    | < 10   | 12     | 19     |
| 5080614        | < 10   | 2      | 0.14   | 12     | 1.24   | 0.051  | 0.082  | 1.15   | 18     | 5      | 208    | 0.17   | 3      | < 2    | < 10   | 66     | < 10   | 8      | 10     |
| 5080615        | 10     | 1      | 0.28   | 19     | 3.03   | 0.128  | 0.164  | 0.99   | 6      | 15     | 257    | 0.08   | < 1    | < 2    | < 10   | 247    | < 10   | 13     | 2      |
| 2641942        | < 10   | < 1    | 0.10   | < 10   | 0.12   | 0.010  | 0.023  | 10.4   | 3300   | < 1    | 74     | 0.02   | 6      | < 2    | < 10   | 12     | 11     | 3      | 11     |
| 2641943        | < 10   | < 1    | 0.33   | < 10   | 0.22   | 0.013  | 0.109  | 7.17   | 150    | 1      | 104    | < 0.01 | 1      | < 2    | < 10   | 24     | < 10   | 6      | 12     |
| 2641944        | < 10   | < 1    | 0.04   | 21     | 0.62   | 0.034  | 0.074  | 2.17   | 30     | 4      | 165    | 0.11   | 6      | < 2    | < 10   | 58     | < 10   | 17     | 8      |
| 2641945        | < 10   | 1      | 0.13   | < 10   | 0.18   | 0.012  | 0.041  | 7.14   | 137    | < 1    | 84     | < 0.01 | 8      | < 2    | < 10   | 12     | < 10   | 4      | 12     |
| 2641946        | < 10   | < 1    | 0.08   | 18     | 0.83   | 0.049  | 0.117  | 2.83   | 20     | 14     | 143    | 0.28   | < 1    | < 2    | < 10   | 141    | < 10   | 13     | 12     |
| 2641947        | < 10   | 1      | 0.18   | 20     | 1.33   | 0.056  | 0.178  | 4.93   | 15     | 6      | 153    | 0.18   | < 1    | < 2    | < 10   | 130    | < 10   | 16     | 22     |
| 2641948        | < 10   | < 1    | 0.12   | 22     | 1.14   | 0.215  | 0.192  | 3.37   | 7      | 15     | 446    | 0.33   | 5      | < 2    | < 10   | 191    | < 10   | 13     | 18     |
| 2641949        | < 10   | < 1    | 0.07   | 16     | 0.45   | 0.027  | 0.035  | 2.35   | 16     | 3      | 164    | 0.07   | 4      | < 2    | < 10   | 60     | 25     | 8      | 14     |
| 2641950        | < 10   | < 1    | 0.50   | 17     | 1.98   | 0.134  | 0.142  | 1.68   | 9      | 11     | 113    | 0.33   | 3      | < 2    | < 10   | 196    | < 10   | 11     | 14     |

QC

| Analyte Symbol              | Pb      | Zn      | Ag      | Au      | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     |
|-----------------------------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | %       | %       | ppm     | ppb     | g/tonne | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit                 | 0.003   | 0.001   | 3       | 5       | 0.02    | 0.2    | 0.5    | 1      | 5      | 1      | 1      | 2      | 2      | 0.01   | 2      | 10     | 10     | 0.5    | 2      | 0.01   | 1      | 1      | 0.01   |
| Method Code                 | ICP-OES | ICP-OES | ICP-OES | FA-AA   | FA-GRA  | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| GXR-1 Meas                  |         |         |         |         |         | 29.1   | 2.3    | 1160   | 766    | 14     | 35     | 614    | 718    | 0.40   | 416    | < 10   | 109    | 0.9    | 1380   | 0.76   | 6      | 7      | 22.8   |
| GXR-1 Cert                  |         |         |         |         |         | 31.0   | 3.30   | 1110   | 852    | 18.0   | 41.0   | 730    | 760    | 3.52   | 427    | 15.0   | 750    | 1.22   | 1380   | 0.960  | 8.20   | 12.0   | 23.6   |
| GXR-4 Meas                  |         |         |         |         |         | 3.8    | < 0.5  | 6720   | 162    | 331    | 41     | 40     | 79     | 3.05   | 108    | < 10   | 72     | 1.6    | 17     | 0.97   | 14     | 60     | 3.33   |
| GXR-4 Cert                  |         |         |         |         |         | 4.0    | 0.860  | 6520   | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   |
| GXR-6 Meas                  |         |         |         |         |         | 0.2    | < 0.5  | 67     | 1000   | 1      | 23     | 89     | 130    | 7.28   | 228    | < 10   | 922    | 1.0    | < 2    | 0.16   | 13     | 84     | 5.53   |
| GXR-6 Cert                  |         |         |         |         |         | 1.30   | 1.00   | 66.0   | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   |
| MP-1b Meas                  | 2.11    | 16.2    |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| MP-1b Cert                  | 2.091   | 16.67   |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Meas                 | 0.257   | 2.57    | 118     |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert                 | 0.262   | 2.63    | 120.7   |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Meas                  | 63.5    | 6.04    |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Cert                  | 63.52   | 6.04    |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas                  | 0.184   | 55.2    | 52      |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert                  | 0.1861  | 55.07   | 51.4    |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |         |         |         | 5790    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |         |         |         | 5841.00 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |         |         |         | 5750    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |         |         |         | 5841.00 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |         |         |         | 6130    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |         |         |         | 5841.00 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |         |         |         | 5810    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |         |         |         | 5841.00 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Meas                 |         |         |         | 15.0    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Cert                 |         |         |         | 14.82   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |         |         |         | 1070    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |         |         |         | 1090    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |         |         |         | 1070    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |         |         |         | 1090    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |         |         |         | 1060    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |         |         |         | 1090    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |         |         |         | 1110    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |         |         |         | 1090    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |         |         |         |         |         | 0.9    | < 0.5  | 2270   | 789    | < 1    | 40     | 58     | 289    | 3.14   | 3      |        | 100    | 0.9    | 4      | 0.45   | 21     | 53     | 5.48   |
| OREAS 922 (AQUA REGIA) 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   |
| OXN117 Meas                 |         |         |         | 7.79    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXN117 Cert                 |         |         |         | 7.679   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Meas                 |         |         | 54      |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Cert                 |         |         | 53.1    |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080553 Dup                 |         |         |         | < 5     |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080563 Orig                |         |         |         |         |         | 0.4    | < 0.5  | 247    | 258    | 13     | 6      | 5      | 42     | 2.39   | 7      | < 10   | 81     | 0.8    | < 2    | 0.34   | 2      | 8      | 7.25   |
| 5080563 Dup                 |         |         |         |         |         | 0.4    | < 0.5  | 257    | 263    | 13     | 8      | 5      | 44     | 2.46   | 9      | < 10   | 88     | 0.8    | < 2    | 0.35   | 3      | 8      | 7.52   |
| 5080608 Orig                |         |         |         | 8130    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080608 Dup                 |         |         |         | 8200    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080613 Orig                |         |         |         | 86      |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080613 Dup                 |         |         |         | 81      |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 2641943 Orig                |         |         |         | 5740    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 2641943 Dup                 |         |         |         | 5390    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

| Analyte Symbol | Pb      | Zn      | Ag      | Au    | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     |
|----------------|---------|---------|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | %       | %       | ppm     | ppb   | g/tonne | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit    | 0.003   | 0.001   | 3       | 5     | 0.02    | 0.2    | 0.5    | 1      | 5      | 1      | 1      | 2      | 2      | 0.01   | 2      | 10     | 10     | 0.5    | 2      | 0.01   | 1      | 1      | 0.01   |
| Method Code    | ICP-OES | ICP-OES | ICP-OES | FA-AA | FA-GRA  | 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 |
| 2641946 Orig   |         |         |         |       |         | 0.7    | 8.4    | 190    | 2260   | < 1    | 16     | 16     | 577    | 1.67   | 95     | < 10   | 26     | 1.1    | < 2    | 13.7   | 16     | 58     | 4.42   |
| 2641946 Dup    |         |         |         |       |         | 0.5    | 6.8    | 164    | 2060   | < 1    | 14     | 16     | 539    | 1.45   | 74     | < 10   | 24     | 1.0    | < 2    | 13.1   | 15     | 52     | 3.96   |
| Method Blank   |         |         |         | < 5   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank   |         |         |         | < 5   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank   |         |         |         | < 5   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank   |         |         |         | < 5   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank   |         |         |         | < 5   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank   |         |         |         | < 5   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank   |         |         |         | < 5   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank   |         |         | < 3     |       |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank   | < 0.003 | < 0.001 |         |       |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank   |         |         |         |       | < 0.02  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

QC

| Analyte Symbol | Ga     | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm    | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit    | 10     | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP | AR-ICP |
| GXR-1 Meas     | < 10   | 3      | 0.03   | < 10   | 0.14   | 0.051  | 0.042  | 0.18   | 87     | 1      | 180    | < 0.01 | 16     | < 2    | 28     | 79     | 134    | 23     | 34     |
| GXR-1 Cert     | 13.8   | 3.90   | 0.050  | 7.50   | 0.217  | 0.0520 | 0.0650 | 0.257  | 122    | 1.58   | 275    | 0.036  | 13.0   | 0.390  | 34.9   | 80.0   | 164    | 32.0   | 38.0   |
| GXR-4 Meas     | 10     | < 1    | 1.81   | 49     | 1.75   | 0.156  | 0.118  | 1.70   | 4      | 7      | 83     | 0.16   | 3      | < 2    | < 10   | 85     | 13     | 12     | 18     |
| GXR-4 Cert     | 20.0   | 0.110  | 4.01   | 64.5   | 1.66   | 0.564  | 0.120  | 1.77   | 4.80   | 7.70   | 221    | 0.29   | 0.970  | 3.20   | 6.20   | 87.0   | 30.8   | 14.0   | 186    |
| GXR-6 Meas     | 10     | < 1    | 1.13   | 10     | 0.41   | 0.086  | 0.032  | 0.01   | 3      | 20     | 35     |        | 2      | < 2    | < 10   | 170    | < 10   | 5      | 20     |
| GXR-6 Cert     | 35.0   | 0.0680 | 1.87   | 13.9   | 0.609  | 0.104  | 0.0350 | 0.0160 | 3.60   | 27.6   | 35.0   |        | 0.0180 | 2.20   | 1.54   | 186    | 1.90   | 14.0   | 110    |
| MP-1b Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| MP-1b Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Meas    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Meas    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Cert    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

| Analyte Symbol              | Ga     | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppm    | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit                 | 10     | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP | AR-ICP |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas | < 10   |        | 0.51   | 42     | 1.50   | 0.032  | 0.061  | 0.35   | 2      | 4      | 18     |        |        | < 2    | < 10   | 39     | < 10   | 22     | 27     |
| OREAS 922 (AQUA REGIA) Cert | 7.62   |        | 0.376  | 32.5   | 1.33   | 0.021  | 0.063  | 0.386  | 0.57   | 3.15   | 15.0   |        |        | 0.14   | 1.98   | 29.4   | 1.12   | 16.0   | 22.3   |
| OXN117 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXN117 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080553 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080563 Orig                | 10     | < 1    | 0.27   | 40     | 2.02   | 0.207  | 0.120  | 0.43   | 3      | 11     | 121    | 0.19   | 1      | < 2    | < 10   | 240    | < 10   | 13     | 3      |
| 5080563 Dup                 | 10     | < 1    | 0.28   | 41     | 2.07   | 0.214  | 0.136  | 0.45   | 4      | 11     | 128    | 0.22   | 3      | < 2    | < 10   | 247    | < 10   | 13     | 4      |
| 5080608 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080608 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080613 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080613 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 2641943 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 2641943 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 2641946 Orig                | < 10   | < 1    | 0.09   | 19     | 0.88   | 0.053  | 0.126  | 3.05   | 22     | 14     | 152    | 0.31   | < 1    | < 2    | < 10   | 149    | < 10   | 13     | 14     |
| 2641946 Dup                 | < 10   | < 1    | 0.08   | 18     | 0.79   | 0.045  | 0.108  | 2.61   | 17     | 13     | 135    | 0.25   | < 1    | < 2    | < 10   | 133    | < 10   | 13     | 9      |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |



**Date Submitted:** 25-Aug-15  
**Invoice No.:** A15-06994 (i)  
**Invoice Date:** 08-Sep-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

68 Rock samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-06994 (i)**

Code 1A2-50-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 25-Aug-15  
**Invoice No.:** A15-06994 (i)  
**Invoice Date:** 08-Sep-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

68 Rock samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06994 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

| Analyte Symbol | Au      | Pb      | Zn      | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     |
|----------------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppb     | %       | %       | g/tonne | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    |
| Lower Limit    | 5       | 0.003   | 0.001   | 0.02    | 0.2    | 0.5    | 1      | 5      | 1      | 1      | 2      | 2       | 0.01   | 2       | 10     | 10     | 0.5    | 2      | 0.01   | 1      | 1      | 0.01   | 10     |
| Method Code    | FA-AA   | ICP-OES | ICP-OES | FA-GRA  | 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 |
| 5080624        | > 10000 |         |         | 42.3    | 5.0    | 1.3    | 57     | 100    | 3      | 25     | 5      | 28      | 0.43   | > 10000 | < 10   | < 10   | < 0.5  | 75     | 0.24   | 119    | 20     | 13.9   | < 10   |
| 5080625        | > 10000 |         |         | 24.0    | 9.4    | 2.7    | 129    | 231    | < 1    | 7      | 4      | 63      | 1.24   | > 10000 | < 10   | 15     | < 0.5  | 23     | 0.39   | 73     | 8      | 11.8   | < 10   |
| 5080626        | 92      |         |         |         | 0.6    | 0.6    | 89     | 643    | < 1    | 7      | 9      | 67      | 2.65   | 242     | < 10   | 47     | 1.2    | < 2    | 1.74   | 17     | 7      | 4.99   | 10     |
| 5080627        | 623     |         |         |         | 0.6    | < 0.5  | 350    | 277    | < 1    | 4      | 15     | 26      | 1.92   | 140     | < 10   | 30     | < 0.5  | < 2    | 1.46   | 8      | 5      | 7.05   | < 10   |
| 5080620        | 172     |         |         |         | < 0.2  | 0.5    | 152    | 477    | 1      | 13     | 4      | 40      | 3.14   | 29      | < 10   | 59     | 1.0    | 2      | 1.69   | 19     | 20     | 5.02   | 10     |
| 5080621        | 75      |         |         |         | 0.2    | < 0.5  | 103    | 506    | < 1    | 6      | 4      | 48      | 2.87   | 19      | < 10   | 46     | 1.0    | < 2    | 2.25   | 14     | 7      | 5.73   | 10     |
| 5080622        | 323     |         |         |         | 0.3    | < 0.5  | 160    | 373    | 2      | 14     | 4      | 32      | 2.51   | 23      | < 10   | 64     | 0.7    | < 2    | 1.27   | 17     | 26     | 6.45   | < 10   |
| 5080623        | 568     |         |         |         | 0.3    | < 0.5  | 172    | 920    | < 1    | 15     | 6      | 76      | 2.28   | 196     | < 10   | 31     | 0.9    | < 2    | 5.12   | 17     | 35     | 6.94   | 10     |
| 5080616        | 22      |         |         |         | < 0.2  | 0.6    | 54     | 1320   | 5      | 59     | 2      | 71      | 1.47   | 250     | < 10   | 19     | 0.6    | < 2    | 5.46   | 18     | 62     | 5.60   | < 10   |
| 5080617        | 4680    |         |         |         | 18.3   | 92.4   | 665    | 2820   | < 1    | 8      | 299    | 7950    | 1.47   | > 10000 | < 10   | 21     | 0.6    | 15     | 6.20   | 16     | 6      | 7.15   | < 10   |
| 5080618        | 57      |         |         |         | 0.6    | 7.4    | 92     | 777    | 1      | 8      | 12     | 767     | 2.36   | 740     | < 10   | 59     | 0.9    | < 2    | 3.19   | 13     | 11     | 4.50   | < 10   |
| 5080619        | 612     |         |         |         | 3.5    | 28.1   | 55     | 1690   | < 1    | 2      | 443    | 2450    | 0.86   | 1590    | < 10   | 33     | < 0.5  | 2      | 8.92   | 9      | 3      | 3.07   | < 10   |
| 5080576        | 968     |         |         |         | 0.6    | < 0.5  | 181    | 354    | < 1    | 9      | 6      | 42      | 2.36   | 2670    | < 10   | 41     | 0.8    | < 2    | 1.28   | 17     | 7      | 6.77   | 10     |
| 5080577        | 427     |         |         |         | 0.4    | < 0.5  | 143    | 437    | < 1    | 12     | 7      | 57      | 3.08   | 50      | < 10   | 48     | 1.1    | < 2    | 1.89   | 21     | 8      | 6.96   | 10     |
| 5080578        | 622     |         |         |         | 0.7    | < 0.5  | 177    | 346    | < 1    | 7      | 10     | 47      | 2.22   | 4550    | < 10   | 45     | 0.8    | < 2    | 1.16   | 19     | 8      | 6.63   | 10     |
| 5080579        | 105     |         |         |         | 0.5    | 4.5    | 55     | 1830   | < 1    | 6      | 66     | 1440    | 0.41   | 297     | < 10   | 10     | < 0.5  | < 2    | 17.2   | 5      | 7      | 3.98   | < 10   |
| 5080580        | 36      |         |         |         | 0.8    | 0.9    | 292    | 396    | 18     | 15     | 5      | 57      | 2.93   | 921     | 12     | 23     | 1.2    | < 2    | 2.71   | 30     | 14     | 7.25   | < 10   |
| 5080581        | > 10000 |         |         | 16.4    | 8.1    | 3.3    | 266    | 141    | 2      | 15     | < 2    | 35      | 0.40   | > 10000 | < 10   | < 10   | < 0.5  | 4      | 0.43   | 212    | 4      | 16.3   | < 10   |
| 5080571        | 141     |         |         |         | < 0.2  | < 0.5  | 36     | 402    | 1      | 4      | 8      | 36      | 1.46   | 274     | < 10   | 63     | 0.7    | < 2    | 0.81   | 7      | 6      | 3.61   | 10     |
| 5080572        | 2640    |         |         |         | 3.4    | < 0.5  | 305    | 338    | < 1    | 12     | 9      | 37      | 2.31   | > 10000 | < 10   | 33     | 0.5    | < 2    | 1.06   | 27     | 9      | 7.57   | < 10   |
| 5080573        | 83      |         |         |         | 0.4    | 2.9    | 41     | 1190   | 1      | 5      | 288    | 422     | 0.29   | 96      | < 10   | 14     | < 0.5  | < 2    | 14.8   | 3      | 3      | 2.05   | < 10   |
| 5080574        | > 10000 |         |         | 9.61    | 4.3    | 2.9    | 133    | 195    | 6      | 34     | 91     | 49      | 0.80   | > 10000 | < 10   | < 10   | < 0.5  | 4      | 0.21   | 235    | 4      | 15.7   | < 10   |
| 5080575        | > 10000 |         |         | 12.9    | 41.9   | 1.1    | 402    | 354    | < 1    | 5      | 56     | 74      | 2.49   | > 10000 | < 10   | 23     | 0.6    | 69     | 1.19   | 60     | 4      | 10.5   | < 10   |
| 5080564        | 60      |         |         |         | 0.2    | < 0.5  | 132    | 589    | 1      | 10     | 4      | 97      | 3.26   | 440     | < 10   | 49     | 0.8    | < 2    | 1.56   | 24     | 9      | 6.67   | < 10   |
| 5080565        | 3000    |         | 1.24    |         | 12.1   | 120    | 215    | 5300   | 3      | 9      | 221    | > 10000 | 0.49   | > 10000 | < 10   | 14     | < 0.5  | 9      | 10.5   | 23     | 10     | 7.97   | < 10   |
| 5080566        | > 10000 |         | 4.71    | 11.8    | 14.4   | 533    | 263    | 2950   | < 1    | 12     | 1080   | > 10000 | 1.84   | 426     | < 10   | 21     | 0.5    | 12     | 6.71   | 17     | 7      | 7.76   | < 10   |
| 5080567        | 4060    | 1.20    | 4.96    |         | 74.0   | 438    | 484    | 2110   | < 1    | 9      | > 5000 | > 10000 | 0.53   | 7450    | < 10   | < 10   | < 0.5  | < 2    | 6.34   | 14     | 5      | 9.55   | < 10   |
| 5080568        | 58      |         |         |         | 2.6    | 7.4    | 145    | 1300   | 1      | 17     | 86     | 608     | 1.59   | 308     | < 10   | 29     | 0.6    | < 2    | 8.43   | 23     | 25     | 5.12   | < 10   |
| 5080569        | 225     |         |         |         | 0.4    | 1.9    | 144    | 992    | 5      | 5      | 35     | 249     | 1.35   | 62      | < 10   | 53     | 0.6    | < 2    | 4.28   | 9      | 6      | 3.00   | < 10   |
| 5080570        | 1620    |         |         |         | 0.7    | 4.1    | 37     | 1570   | 2      | 4      | 18     | 386     | 1.26   | 6070    | < 10   | 20     | 0.6    | < 2    | 4.09   | 12     | 11     | 4.13   | < 10   |
| 5080582        | 20      |         |         |         | < 0.2  | < 0.5  | 161    | 509    | 3      | 14     | 5      | 68      | 3.07   | 24      | < 10   | 76     | 1.5    | < 2    | 1.89   | 23     | 13     | 5.47   | 10     |
| 5080583        | 42      |         |         |         | 0.3    | < 0.5  | 209    | 415    | < 1    | 27     | 6      | 44      | 2.48   | 40      | < 10   | 17     | 0.7    | < 2    | 1.15   | 23     | 50     | 8.67   | 10     |
| 5080584        | 31      |         |         |         | 1.1    | 1.8    | 359    | 514    | < 1    | 18     | 19     | 198     | 2.57   | 38      | < 10   | 15     | < 0.5  | < 2    | 1.13   | 60     | 22     | 11.8   | < 10   |
| 5080585        | 130     |         |         |         | 0.6    | < 0.5  | 261    | 441    | 2      | 7      | 5      | 33      | 1.94   | 17      | < 10   | 21     | < 0.5  | < 2    | 0.57   | 34     | 5      | 10.3   | 10     |
| 5080586        | 692     |         |         |         | 0.3    | < 0.5  | 226    | 453    | 1      | 8      | 7      | 58      | 2.56   | 29      | < 10   | 50     | 1.5    | < 2    | 1.95   | 20     | 6      | 6.46   | 10     |
| 5080587        | 66      |         |         |         | < 0.2  | 0.8    | 100    | 410    | 2      | 7      | 5      | 96      | 2.97   | 48      | < 10   | 58     | 1.1    | < 2    | 1.57   | 10     | 6      | 4.46   | 10     |
| 5080588        | > 10000 |         |         | 52.5    | 8.8    | 0.9    | 405    | 129    | < 1    | 39     | < 2    | 14      | 2.64   | > 10000 | < 10   | < 10   | 0.8    | 151    | 0.58   | 270    | 14     | 14.4   | < 10   |
| 5080589        | > 10000 |         |         | 17.4    | 3.4    | 2.4    | 324    | 222    | < 1    | 35     | < 2    | 17      | 2.77   | > 10000 | < 10   | 10     | 0.9    | 23     | 0.86   | 273    | 23     | 12.5   | < 10   |
| 5080590        | 299     |         |         |         | 0.8    | < 0.5  | 322    | 277    | < 1    | 8      | < 2    | 19      | 3.20   | 254     | < 10   | 11     | 0.7    | < 2    | 0.48   | 45     | 6      | 13.7   | < 10   |
| 5080591        | 758     |         |         |         | 0.9    | < 0.5  | 283    | 280    | 2      | 8      | < 2    | 18      | 3.33   | 247     | < 10   | 24     | 0.7    | < 2    | 1.10   | 35     | 8      | 9.84   | < 10   |
| 5080592        | 178     |         |         |         | 0.6    | < 0.5  | 133    | 309    | 8      | 5      | 8      | 40      | 1.70   | 36      | < 10   | 39     | 0.5    | < 2    | 0.89   | 15     | 6      | 7.56   | 10     |
| 5080593        | 66      |         |         |         | 0.8    | < 0.5  | 153    | 191    | 2      | 4      | 6      | 27      | 1.87   | 54      | < 10   | 44     | < 0.5  | < 2    | 0.84   | 12     | 8      | 5.48   | < 10   |
| 5080594        | 57      |         |         |         | 0.8    | 0.5    | 326    | 335    | 3      | 15     | 8      | 41      | 2.23   | 31      | < 10   | 25     | 0.7    | < 2    | 0.44   | 39     | 5      | 10.5   | 10     |
| 5080595        | 65      |         |         |         | 0.6    | < 0.5  | 53     | 198    | 2      | 12     | 4      | 33      | 1.16   | 35      | < 10   | 19     | < 0.5  | < 2    | 1.20   | 31     | 12     | 7.14   | < 10   |
| 5080596        | 1910    |         |         |         | 0.6    | 1.2    | 159    | 203    | 4      | 6      | 10     | 131     | 1.37   | 48      | < 10   | 40     | < 0.5  | < 2    | 0.67   | 13     | 4      | 5.60   | 10     |
| 5080597        | 210     |         |         |         | 19.9   | 23.9   | 139    | 2950   | 2      | < 1    | 1410   | 1920    | 0.06   | 775     | < 10   | < 10   | < 0.5  | < 2    | 21.2   | 2      | < 1    | 1.15   | < 10   |
| 5080598        | 13      |         |         |         | < 0.2  | < 0.5  | 75     | 341    | 1      | 6      | 2      | 24      | 1.37   | 22      | < 10   | 102    | < 0.5  | < 2    | 0.96   | 12     | 5      | 3.49   | < 10   |
| 5080599        | 87      |         |         |         | 0.8    | < 0.5  | 72     | 120    | 4      | 3      | 8      | 16      | 0.68   | 14      | < 10   | 35     | < 0.5  | < 2    | 0.46   | 14     | 5      | 4.30   | < 10   |
| 5080600        | 61      |         |         |         | 1.9    | 1.1    | 578    | 645    | < 1    | 16     | 20     | 144     | 3.04   | 406     | < 10   | 23     | 0.9    | < 2    | 3.41   | 27     | 12     | 8.59   | < 10   |

| Analyte Symbol | Au      | Pb      | Zn      | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     |
|----------------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppb     | %       | %       | g/tonne | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    |
| Lower Limit    | 5       | 0.003   | 0.001   | 0.02    | 0.2    | 0.5    | 1      | 5      | 1      | 1      | 2      | 2      | 0.01   | 2       | 10     | 10     | 0.5    | 2      | 0.01   | 1      | 1      | 0.01   | 10     |
| Method Code    | FA-AA   | ICP-OES | ICP-OES | FA-GRA  | 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 |
| 5080701        | 65      |         |         |         | 0.4    | < 0.5  | 98     | 212    | 2      | 11     | 6      | 32     | 2.02   | 24      | < 10   | < 10   | 0.5    | < 2    | 1.23   | 22     | 9      | 11.0   | < 10   |
| 5080702        | 1110    |         |         |         | 0.4    | < 0.5  | 252    | 308    | 2      | 21     | < 2    | 23     | 3.74   | 28      | < 10   | 34     | 1.0    | < 2    | 1.22   | 22     | 37     | 8.34   | < 10   |
| 5080703        | 48      |         |         |         | 0.3    | < 0.5  | 73     | 69     | 3      | 10     | 8      | 11     | 1.50   | 28      | < 10   | 37     | < 0.5  | < 2    | 0.45   | 20     | 5      | 5.08   | < 10   |
| 5080628        | 186     |         |         |         | 0.3    | < 0.5  | 72     | 295    | < 1    | 3      | 6      | 35     | 1.32   | 70      | < 10   | 60     | < 0.5  | < 2    | 0.84   | 8      | 4      | 4.52   | < 10   |
| 5080629        | 555     |         |         |         | < 0.2  | 0.6    | 31     | 1020   | 2      | 21     | 4      | 27     | 1.21   | 182     | < 10   | 17     | 0.6    | < 2    | 8.69   | 23     | 67     | 5.32   | < 10   |
| 5080630        | 2020    |         |         |         | 0.5    | 0.6    | 282    | 280    | < 1    | 4      | 4      | 48     | 2.13   | 27      | < 10   | 25     | < 0.5  | < 2    | 0.95   | 13     | 7      | 8.91   | 10     |
| 5080631        | 53      |         |         |         | 2.5    | 9.0    | 28     | 2340   | < 1    | 21     | 410    | 850    | 0.35   | 123     | < 10   | 22     | < 0.5  | 3      | 16.3   | 7      | 2      | 3.63   | < 10   |
| 5080632        | 71      |         |         |         | < 0.2  | < 0.5  | 53     | 687    | < 1    | 5      | 6      | 115    | 2.08   | 15      | < 10   | 86     | 0.7    | < 2    | 5.49   | 10     | 6      | 3.46   | < 10   |
| 5080633        | 122     |         |         |         | 1.1    | 18.9   | 124    | 992    | 2      | 4      | 248    | 3260   | 1.20   | 71      | < 10   | 21     | < 0.5  | 2      | 10.9   | 13     | 4      | 5.20   | < 10   |
| 5080634        | 109     |         |         |         | < 0.2  | < 0.5  | 129    | 695    | < 1    | 5      | 3      | 27     | 1.16   | 23      | < 10   | 23     | 0.6    | < 2    | 8.10   | 19     | 5      | 5.77   | < 10   |
| 5080635        | 16      |         |         |         | < 0.2  | < 0.5  | 52     | 1260   | < 1    | 4      | 7      | 68     | 0.40   | 28      | < 10   | < 10   | < 0.5  | < 2    | 19.3   | 8      | < 1    | 1.32   | < 10   |
| 5080636        | 2210    |         |         |         | 4.0    | 1.5    | 157    | 731    | < 1    | 20     | 6      | 34     | 1.12   | > 10000 | < 10   | 10     | < 0.5  | < 2    | 1.41   | 144    | 14     | 15.3   | < 10   |
| 5080637        | 5040    |         |         |         | 17.6   | 1.1    | 959    | 154    | 5      | 2      | 696    | 158    | 0.39   | > 10000 | < 10   | < 10   | < 0.5  | 3      | 0.24   | 23     | 8      | 7.65   | < 10   |
| 5080638        | 30      |         |         |         | 0.9    | 0.7    | 160    | 212    | 18     | 11     | 4      | 14     | 1.31   | 329     | < 10   | 15     | < 0.5  | < 2    | 0.52   | 28     | 5      | 8.65   | < 10   |
| 5080639        | 44      |         |         |         | 0.2    | 0.7    | 182    | 715    | 5      | 32     | 3      | 33     | 1.97   | 41      | < 10   | 30     | 0.6    | < 2    | 4.58   | 34     | 47     | 6.39   | < 10   |
| 5080640        | 29      |         |         |         | 0.5    | 1.9    | 67     | 1150   | < 1    | 61     | 52     | 123    | 1.03   | 95      | < 10   | 44     | < 0.5  | < 2    | 6.90   | 15     | 70     | 5.08   | < 10   |
| 5080641        | > 10000 |         |         | 20.7    | 24.0   | 0.6    | 4950   | 177    | 4      | 5      | 11     | 64     | 2.01   | > 10000 | < 10   | < 10   | < 0.5  | 18     | 0.08   | 34     | 13     | 15.5   | < 10   |
| 5080642        | 74      |         |         |         | 0.4    | < 0.5  | 113    | 218    | 3      | 270    | 3      | 25     | 1.13   | 67      | < 10   | 13     | < 0.5  | < 2    | 0.97   | 45     | 271    | 8.07   | < 10   |
| 5080643        | 53      |         |         |         | 1.0    | < 0.5  | 431    | 224    | < 1    | 8      | 4      | 24     | 1.91   | 68      | < 10   | < 10   | 0.5    | 3      | 0.74   | 59     | 7      | 11.6   | < 10   |



Results

| Analyte Symbol | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit    | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP |
| 5080624        | < 1    | 0.15   | < 10   | 0.33   | 0.021  | 0.085  | 6.04   | 73     | 4      | 13     | 0.06   | 166    | 3      | < 10   | 65     | < 10   | 4      | 11     |
| 5080625        | < 1    | 0.49   | 11     | 1.11   | 0.040  | 0.145  | 4.32   | 61     | 6      | 29     | 0.09   | 98     | < 2    | < 10   | 135    | < 10   | 6      | 15     |
| 5080626        | < 1    | 0.20   | 27     | 1.79   | 0.097  | 0.209  | 1.00   | 5      | 6      | 121    | 0.37   | 4      | < 2    | < 10   | 158    | < 10   | 12     | 14     |
| 5080627        | < 1    | 0.14   | 36     | 1.11   | 0.151  | 0.243  | 2.51   | 6      | 7      | 100    | 0.36   | 4      | < 2    | < 10   | 156    | < 10   | 11     | 16     |
| 5080620        | < 1    | 0.75   | 22     | 1.90   | 0.335  | 0.194  | 1.58   | 5      | 5      | 229    | 0.38   | 4      | < 2    | < 10   | 157    | < 10   | 10     | 13     |
| 5080621        | < 1    | 0.32   | 20     | 1.83   | 0.158  | 0.215  | 0.91   | 10     | 6      | 133    | 0.40   | 10     | < 2    | < 10   | 194    | < 10   | 10     | 11     |
| 5080622        | 2      | 0.43   | 15     | 1.95   | 0.221  | 0.248  | 1.47   | 10     | 11     | 147    | 0.39   | 1      | < 2    | < 10   | 189    | < 10   | 10     | 13     |
| 5080623        | < 1    | 0.13   | 23     | 2.18   | 0.072  | 0.241  | 2.74   | 24     | 17     | 84     | 0.32   | < 1    | < 2    | < 10   | 210    | < 10   | 9      | 8      |
| 5080616        | < 1    | 0.39   | < 10   | 1.38   | 0.050  | 0.183  | 4.04   | 13     | 12     | 151    | 0.05   | < 1    | < 2    | < 10   | 75     | < 10   | 11     | 8      |
| 5080617        | < 1    | 0.32   | 14     | 0.61   | 0.102  | 0.178  | 4.96   | 243    | 7      | 114    | 0.04   | < 1    | < 2    | < 10   | 79     | < 10   | 11     | 7      |
| 5080618        | 1      | 0.31   | 24     | 1.44   | 0.239  | 0.174  | 1.38   | 14     | 9      | 98     | 0.19   | 2      | < 2    | < 10   | 149    | < 10   | 13     | 13     |
| 5080619        | 3      | 0.27   | 19     | 0.26   | 0.024  | 0.084  | 1.83   | 33     | 2      | 138    | 0.01   | < 1    | < 2    | < 10   | 36     | < 10   | 11     | 5      |
| 5080576        | < 1    | 0.25   | 24     | 1.50   | 0.148  | 0.236  | 2.08   | 8      | 8      | 159    | 0.29   | < 1    | < 2    | < 10   | 181    | < 10   | 9      | 12     |
| 5080577        | 2      | 0.37   | 20     | 1.72   | 0.197  | 0.268  | 2.26   | 4      | 9      | 157    | 0.41   | < 1    | < 2    | < 10   | 224    | < 10   | 11     | 12     |
| 5080578        | < 1    | 0.27   | 21     | 1.44   | 0.121  | 0.233  | 1.88   | 11     | 8      | 143    | 0.27   | 1      | < 2    | < 10   | 177    | < 10   | 8      | 11     |
| 5080579        | < 1    | 0.12   | 15     | 0.27   | 0.017  | 0.042  | 2.36   | 49     | 3      | 305    | < 0.01 | < 1    | < 2    | < 10   | 29     | < 10   | 15     | 2      |
| 5080580        | < 1    | 0.11   | 13     | 1.21   | 0.048  | 0.158  | 4.02   | 10     | 6      | 42     | 0.32   | 3      | < 2    | < 10   | 112    | < 10   | 9      | 16     |
| 5080581        | < 1    | 0.16   | < 10   | 0.21   | 0.017  | 0.009  | 6.80   | 112    | < 1    | 29     | < 0.01 | 76     | < 2    | < 10   | 16     | < 10   | 2      | 5      |
| 5080571        | < 1    | 0.12   | 23     | 0.91   | 0.120  | 0.148  | 0.48   | 6      | 5      | 45     | 0.31   | 1      | < 2    | < 10   | 126    | < 10   | 11     | 7      |
| 5080572        | < 1    | 0.40   | 16     | 1.50   | 0.200  | 0.242  | 3.30   | 17     | 9      | 124    | 0.19   | 5      | < 2    | < 10   | 143    | < 10   | 7      | 13     |
| 5080573        | < 1    | 0.09   | 19     | 0.13   | 0.022  | 0.040  | 1.45   | 18     | 2      | 274    | < 0.01 | < 1    | < 2    | < 10   | 17     | < 10   | 14     | 3      |
| 5080574        | < 1    | 0.17   | < 10   | 0.69   | 0.022  | 0.097  | 5.43   | 682    | 5      | 20     | 0.02   | 82     | 3      | < 10   | 97     | < 10   | 6      | 8      |
| 5080575        | < 1    | 0.50   | 22     | 1.59   | 0.223  | 0.208  | 3.61   | 43     | 6      | 184    | 0.11   | 22     | 5      | < 10   | 134    | < 10   | 5      | 8      |
| 5080564        | 2      | 0.81   | 21     | 2.11   | 0.414  | 0.252  | 2.11   | 13     | 11     | 227    | 0.38   | 6      | < 2    | < 10   | 221    | < 10   | 10     | 10     |
| 5080565        | 1      | 0.11   | < 10   | 0.96   | 0.023  | 0.034  | 4.81   | 73     | 4      | 190    | 0.01   | 2      | < 2    | < 10   | 38     | 15     | 9      | 3      |
| 5080566        | 3      | 0.41   | 12     | 1.56   | 0.073  | 0.146  | 6.60   | 38     | 7      | 93     | 0.08   | < 1    | < 2    | < 10   | 89     | 10     | 14     | 5      |
| 5080567        | 2      | 0.22   | < 10   | 0.28   | 0.011  | 0.081  | 9.93   | 88     | 2      | 90     | < 0.01 | < 1    | < 2    | < 10   | 21     | 37     | 7      | 5      |
| 5080568        | < 1    | 0.23   | 17     | 1.16   | 0.042  | 0.155  | 2.99   | 32     | 7      | 111    | 0.03   | < 1    | < 2    | < 10   | 102    | < 10   | 12     | 5      |
| 5080569        | < 1    | 0.13   | 25     | 0.46   | 0.091  | 0.141  | 0.28   | 5      | 5      | 75     | 0.02   | < 1    | < 2    | < 10   | 128    | < 10   | 12     | 3      |
| 5080570        | < 1    | 0.33   | 18     | 0.37   | 0.032  | 0.128  | 2.52   | 46     | 3      | 69     | < 0.01 | < 1    | < 2    | < 10   | 57     | < 10   | 10     | 6      |
| 5080582        | < 1    | 0.51   | 18     | 1.56   | 0.443  | 0.227  | 1.15   | 3      | 11     | 178    | 0.37   | 4      | < 2    | < 10   | 209    | < 10   | 12     | 17     |
| 5080583        | 2      | 0.05   | 19     | 2.11   | 0.151  | 0.218  | 3.60   | 5      | 26     | 49     | 0.58   | < 1    | < 2    | < 10   | 299    | < 10   | 11     | 16     |
| 5080584        | < 1    | 0.08   | 19     | 1.33   | 0.126  | 0.281  | 5.51   | 11     | 13     | 54     | 0.41   | < 1    | < 2    | < 10   | 254    | < 10   | 14     | 19     |
| 5080585        | < 1    | 0.09   | 26     | 0.73   | 0.088  | 0.123  | 4.47   | 7      | 6      | 42     | 0.36   | < 1    | < 2    | < 10   | 165    | < 10   | 12     | 27     |
| 5080586        | < 1    | 0.28   | 29     | 1.39   | 0.160  | 0.235  | 2.09   | 5      | 6      | 129    | 0.42   | 3      | < 2    | < 10   | 194    | < 10   | 12     | 13     |
| 5080587        | < 1    | 0.28   | 32     | 1.40   | 0.661  | 0.183  | 1.24   | 4      | 3      | 287    | 0.40   | 2      | 2      | < 10   | 146    | < 10   | 13     | 14     |
| 5080588        | < 1    | 0.08   | < 10   | 0.72   | 0.926  | 0.140  | 9.21   | 49     | 5      | 92     | 0.07   | 216    | < 2    | < 10   | 58     | < 10   | 2      | 9      |
| 5080589        | < 1    | 0.10   | < 10   | 0.96   | 0.965  | 0.194  | 7.52   | 40     | 9      | 90     | 0.10   | 60     | 2      | < 10   | 103    | 284    | 4      | 10     |
| 5080590        | < 1    | 0.16   | < 10   | 1.67   | 0.059  | 0.219  | 5.39   | 6      | 8      | 34     | 0.18   | < 1    | 2      | < 10   | 152    | < 10   | 8      | 20     |
| 5080591        | 2      | 0.17   | < 10   | 1.41   | 0.234  | 0.241  | 3.79   | 8      | 11     | 203    | 0.28   | 7      | < 2    | < 10   | 180    | < 10   | 11     | 16     |
| 5080592        | 3      | 0.17   | 16     | 1.13   | 0.097  | 0.233  | 3.06   | 20     | 9      | 58     | 0.41   | 4      | < 2    | < 10   | 171    | < 10   | 12     | 21     |
| 5080593        | < 1    | 0.35   | 18     | 0.83   | 0.098  | 0.280  | 2.36   | 6      | 7      | 60     | 0.18   | 5      | < 2    | < 10   | 158    | < 10   | 14     | 10     |
| 5080594        | < 1    | 0.30   | 14     | 0.90   | 0.080  | 0.253  | 4.57   | 19     | 9      | 55     | 0.18   | < 1    | < 2    | < 10   | 213    | < 10   | 7      | 18     |
| 5080595        | 3      | 0.18   | 19     | 0.53   | 0.146  | 0.231  | 5.56   | 6      | 12     | 73     | 0.44   | 9      | < 2    | < 10   | 192    | < 10   | 12     | 15     |
| 5080596        | < 1    | 0.12   | 35     | 0.75   | 0.091  | 0.175  | 2.09   | 7      | 5      | 34     | 0.44   | < 1    | < 2    | < 10   | 160    | < 10   | 11     | 13     |
| 5080597        | 2      | 0.02   | < 10   | 0.10   | 0.013  | 0.003  | 0.92   | 277    | < 1    | 369    | < 0.01 | 1      | 3      | < 10   | 3      | < 10   | 6      | < 1    |
| 5080598        | < 1    | 0.14   | 36     | 0.84   | 0.125  | 0.196  | 0.59   | 6      | 5      | 67     | 0.40   | < 1    | < 2    | < 10   | 178    | < 10   | 12     | 5      |
| 5080599        | < 1    | 0.19   | 14     | 0.20   | 0.145  | 0.169  | 1.91   | 11     | 3      | 38     | 0.06   | < 1    | < 2    | < 10   | 116    | < 10   | 6      | 5      |
| 5080600        | < 1    | 0.17   | 14     | 1.61   | 0.227  | 0.214  | 4.14   | 12     | 14     | 164    | 0.15   | < 1    | < 2    | < 10   | 207    | < 10   | 13     | 12     |

| Analyte Symbol | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit    | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP |
| 5080701        | 1      | 0.21   | 14     | 0.70   | 0.270  | 0.213  | 10.8   | 8      | 4      | 206    | 0.33   | < 1    | < 2    | < 10   | 143    | < 10   | 8      | 17     |
| 5080702        | < 1    | 0.09   | 17     | 1.73   | 1.03   | 0.271  | 3.14   | 6      | 19     | 90     | 0.48   | < 1    | < 2    | < 10   | 241    | < 10   | 12     | 14     |
| 5080703        | < 1    | 0.59   | < 10   | 0.38   | 0.057  | 0.226  | 3.55   | 11     | 4      | 23     | 0.01   | 2      | < 2    | < 10   | 62     | < 10   | 10     | 11     |
| 5080628        | < 1    | 0.12   | 24     | 0.65   | 0.154  | 0.137  | 1.04   | 6      | 4      | 76     | 0.38   | < 1    | < 2    | < 10   | 111    | < 10   | 13     | 15     |
| 5080629        | < 1    | 0.13   | 12     | 1.11   | 0.047  | 0.156  | 3.56   | 21     | 16     | 164    | 0.32   | 2      | < 2    | < 10   | 162    | < 10   | 11     | 8      |
| 5080630        | < 1    | 0.14   | 21     | 1.32   | 0.106  | 0.284  | 1.95   | 6      | 12     | 67     | 0.38   | 8      | 2      | < 10   | 222    | < 10   | 8      | 9      |
| 5080631        | 2      | 0.07   | 22     | 0.24   | 0.024  | 0.075  | 2.43   | 54     | 3      | 198    | 0.03   | 3      | < 2    | < 10   | 33     | < 10   | 25     | 3      |
| 5080632        | < 1    | 0.13   | 33     | 0.88   | 0.196  | 0.245  | 0.89   | 12     | 10     | 275    | 0.28   | 1      | 2      | < 10   | 152    | < 10   | 14     | 4      |
| 5080633        | < 1    | 0.10   | 12     | 0.79   | 0.067  | 0.164  | 2.99   | 38     | 6      | 169    | 0.04   | < 1    | < 2    | < 10   | 95     | < 10   | 16     | 4      |
| 5080634        | < 1    | 0.11   | 13     | 0.55   | 0.038  | 0.175  | 3.33   | 14     | 6      | 92     | 0.04   | < 1    | < 2    | < 10   | 97     | < 10   | 17     | 5      |
| 5080635        | < 1    | 0.03   | 19     | 0.16   | 0.017  | 0.034  | 0.26   | 9      | 2      | 501    | < 0.01 | < 1    | < 2    | < 10   | 20     | < 10   | 26     | < 1    |
| 5080636        | < 1    | 0.13   | < 10   | 0.39   | 0.070  | 0.152  | 5.43   | 327    | 6      | 118    | 0.04   | 70     | < 2    | < 10   | 75     | < 10   | 4      | 8      |
| 5080637        | < 1    | 0.19   | < 10   | 0.04   | 0.012  | 0.057  | 4.48   | 128    | < 1    | 8      | < 0.01 | 10     | < 2    | < 10   | 10     | < 10   | 2      | 9      |
| 5080638        | 1      | 0.09   | 26     | 0.65   | 0.062  | 0.156  | 4.60   | 7      | 4      | 29     | 0.38   | 5      | < 2    | < 10   | 201    | < 10   | 8      | 40     |
| 5080639        | < 1    | 0.26   | 23     | 1.38   | 0.100  | 0.278  | 4.19   | 5      | 19     | 125    | 0.20   | 1      | < 2    | < 10   | 233    | < 10   | 16     | 8      |
| 5080640        | < 1    | 0.17   | < 10   | 2.09   | 0.020  | 0.089  | 2.24   | 5      | 6      | 136    | 0.04   | < 1    | < 2    | < 10   | 56     | < 10   | 11     | 5      |
| 5080641        | < 1    | 0.07   | < 10   | 0.55   | 0.013  | 0.044  | 10.8   | 18     | 2      | 3      | < 0.01 | 5      | < 2    | < 10   | 32     | < 10   | 5      | 9      |
| 5080642        | < 1    | 0.28   | < 10   | 1.31   | 0.072  | 0.150  | 6.71   | 6      | 8      | 42     | 0.30   | 5      | < 2    | < 10   | 97     | < 10   | 7      | 12     |
| 5080643        | 1      | 0.08   | 15     | 0.72   | 0.082  | 0.201  | 7.89   | 10     | 7      | 61     | 0.17   | 7      | < 2    | < 10   | 154    | < 10   | 8      | 17     |

QC

| Analyte Symbol              | Au      | Pb      | Zn      | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     |
|-----------------------------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppb     | %       | %       | g/tonne | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    |
| Lower Limit                 | 5       | 0.003   | 0.001   | 0.02    | 0.2    | 0.5    | 1      | 5      | 1      | 1      | 2      | 2       | 0.01   | 2      | 10     | 10     | 0.5    | 2      | 0.01   | 1      | 1      | 0.01   | 10     |
| Method Code                 | FA-AA   | ICP-OES | ICP-OES | FA-GRA  | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP  | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| GXR-1 Meas                  |         |         |         |         | 30.0   | 2.5    | 1100   | 761    | 15     | 39     | 608    | 722     | 0.39   | 371    | < 10   | 220    | 0.8    | 1340   | 0.75   | 5      | 6      | 22.1   | < 10   |
| GXR-1 Cert                  |         |         |         |         | 31.0   | 3.30   | 1110   | 852    | 18.0   | 41.0   | 730    | 760     | 3.52   | 427    | 15.0   | 750    | 1.22   | 1380   | 0.960  | 8.20   | 12.0   | 23.6   | 13.8   |
| GXR-4 Meas                  |         |         |         |         | 3.5    | < 0.5  | 6340   | 155    | 325    | 41     | 42     | 78      | 2.93   | 75     | < 10   | 42     | 1.6    | 9      | 0.92   | 14     | 59     | 3.22   | < 10   |
| GXR-4 Cert                  |         |         |         |         | 4.0    | 0.860  | 6520   | 155    | 310    | 42.0   | 52.0   | 73.0    | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   | 20.0   |
| GXR-6 Meas                  |         |         |         |         | 0.3    | < 0.5  | 70     | 1070   | 2      | 26     | 97     | 140     | 7.70   | 181    | < 10   | 1010   | 1.0    | < 2    | 0.17   | 14     | 90     | 5.95   | 20     |
| GXR-6 Cert                  |         |         |         |         | 1.30   | 1.00   | 66.0   | 1010   | 2.40   | 27.0   | 101    | 118     | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   | 35.0   |
| MP-1b Meas                  |         | 2.09    | 16.5    |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| MP-1b Cert                  |         | 2.091   | 16.67   |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Meas                 |         | 0.269   | 2.63    |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert                 |         | 0.262   | 2.63    |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Meas                  |         | 63.5    |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Cert                  |         | 63.52   |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas                  |         | 0.187   | 55.2    |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert                  |         | 0.1861  | 55.07   |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  | 5690    |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  | 5841.00 |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  | 5650    |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  | 5841.00 |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Meas                 |         |         |         | 14.6    |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Cert                 |         |         |         | 14.82   |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   | 1080    |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   | 1090    |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   | 1050    |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   | 1090    |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |         |         |         |         | 1.5    | < 0.5  | 2320   | 809    | < 1    | 38     | 65     | 285     | 3.08   | 3      |        | 93     | 0.8    | 3      | 0.43   | 21     | 52     | 5.48   | < 10   |
| OREAS 922 (AQUA REGIA) 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   |
| OREAS 923 (AQUA REGIA) Meas |         |         |         |         | 1.8    | < 0.5  | 4470   | 897    | < 1    | 35     | 81     | 375     | 3.08   | 3      |        | 76     | 0.7    | 14     | 0.44   | 24     | 46     | 6.31   | < 10   |
| OREAS 923 (AQUA REGIA) 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   |
| OXN117 Meas                 |         |         |         | 7.34    |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| OXN117 Cert                 |         |         |         | 7.679   |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Meas                 |         | 0.077   | 0.210   |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Cert                 |         | 0.0795  | 0.2083  |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| 5080623 Orig                | 629     |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| 5080623 Dup                 | 506     |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| 5080576 Orig                |         |         |         |         | 0.5    | < 0.5  | 180    | 349    | < 1    | 9      | 6      | 46      | 2.32   | 2800   | < 10   | 41     | 0.8    | < 2    | 1.25   | 18     | 7      | 6.63   | 10     |
| 5080576 Dup                 |         |         |         |         | 0.6    | < 0.5  | 183    | 359    | < 1    | 10     | 6      | 38      | 2.40   | 2530   | < 10   | 42     | 0.9    | < 2    | 1.30   | 16     | 8      | 6.92   | 10     |
| 5080580 Orig                | 38      |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| 5080580 Dup                 | 34      |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| 5080567 Orig                |         |         |         |         | 73.7   | 435    | 479    | 2090   | < 1    | 8      | > 5000 | > 10000 | 0.52   | 6930   | < 10   | < 10   | < 0.5  | < 2    | 6.23   | 13     | 5      | 9.54   | < 10   |
| 5080567 Dup                 |         |         |         |         | 74.4   | 441    | 489    | 2120   | < 1    | 9      | > 5000 | > 10000 | 0.54   | 7970   | < 10   | < 10   | < 0.5  | < 2    | 6.44   | 14     | 5      | 9.56   | < 10   |
| 5080570 Split Orig          | 1620    |         |         |         | 0.7    | 4.1    | 37     | 1570   | 2      | 4      | 18     | 386     | 1.26   | 6070   | < 10   | 20     | 0.6    | < 2    | 4.09   | 12     | 11     | 4.13   | < 10   |
| 5080570 Split               | 1590    |         |         |         | 0.6    | 3.9    | 36     | 1570   | 1      | 5      | 19     | 371     | 1.26   | 4000   | < 10   | 20     | 0.5    | < 2    | 4.11   | 11     | 11     | 4.12   | < 10   |
| 5080584 Orig                | 30      |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| 5080584 Dup                 | 32      |         |         |         |        |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |
| 5080590 Orig                |         |         |         |         | 0.8    | < 0.5  | 321    | 275    | 1      | 11     | < 2    | 18      | 3.17   | 271    | < 10   | 11     | 0.7    | < 2    | 0.47   | 45     | 6      | 13.7   | < 10   |
| 5080590 Dup                 |         |         |         |         | 0.7    | < 0.5  | 324    | 278    | < 1    | 5      | 2      | 21      | 3.22   | 238    | < 10   | 12     | 0.7    | < 2    | 0.50   | 45     | 6      | 13.8   | < 10   |

| Analyte Symbol     | Au    | Pb      | Zn      | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     |
|--------------------|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol        | ppb   | %       | %       | g/tonne | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    |
| Lower Limit        | 5     | 0.003   | 0.001   | 0.02    | 0.2    | 0.5    | 1      | 5      | 1      | 1      | 2      | 2      | 0.01   | 2      | 10     | 10     | 0.5    | 2      | 0.01   | 1      | 1      | 0.01   | 10     |
| Method Code        | FA-AA | ICP-OES | ICP-OES | FA-GRA  | 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 |
| 5080593 Orig       | 70    |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080593 Dup        | 61    |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080628 Orig       |       |         |         |         | 0.3    | < 0.5  | 72     | 297    | < 1    | 2      | 6      | 35     | 1.34   | 71     | < 10   | 60     | 0.5    | < 2    | 0.86   | 8      | 4      | 4.54   | < 10   |
| 5080628 Dup        |       |         |         |         | 0.3    | < 0.5  | 72     | 292    | < 1    | 3      | 5      | 34     | 1.30   | 69     | < 10   | 59     | < 0.5  | < 2    | 0.83   | 8      | 4      | 4.50   | < 10   |
| 5080635 Split Orig | 16    |         |         |         | < 0.2  | < 0.5  | 52     | 1260   | < 1    | 4      | 7      | 68     | 0.40   | 28     | < 10   | < 10   | < 0.5  | < 2    | 19.3   | 8      | < 1    | 1.32   | < 10   |
| 5080635 Split      | 23    |         |         |         | < 0.2  | < 0.5  | 53     | 1280   | < 1    | 4      | 7      | 67     | 0.41   | 20     | < 10   | < 10   | < 0.5  | < 2    | 19.7   | 9      | < 1    | 1.37   | < 10   |
| 5080639 Orig       | 47    |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080639 Dup        | 41    |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       | < 5   |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       | < 5   |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       | < 5   |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       | < 5   |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |       | < 0.003 | < 0.001 |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |       |         |         | < 0.02  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

QC

| Analyte Symbol              | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit                 | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP |
| GXR-1 Meas                  | 3      | 0.03   | < 10   | 0.14   | 0.051  | 0.040  | 0.17   | 81     | 1      | 180    | < 0.01 | 10     | < 2    | 29     | 79     | 132    | 23     | 13     |
| GXR-1 Cert                  | 3.90   | 0.050  | 7.50   | 0.217  | 0.0520 | 0.0650 | 0.257  | 122    | 1.58   | 275    | 0.036  | 13.0   | 0.390  | 34.9   | 80.0   | 164    | 32.0   | 38.0   |
| GXR-4 Meas                  | < 1    | 1.77   | 52     | 1.69   | 0.141  | 0.126  | 1.68   | 3      | 7      | 82     | 0.18   | 1      | 5      | < 10   | 84     | 17     | 12     | 9      |
| GXR-4 Cert                  | 0.110  | 4.01   | 64.5   | 1.66   | 0.564  | 0.120  | 1.77   | 4.80   | 7.70   | 221    | 0.29   | 0.970  | 3.20   | 6.20   | 87.0   | 30.8   | 14.0   | 186    |
| GXR-6 Meas                  | 2      | 1.20   | 11     | 0.43   | 0.093  | 0.035  | 0.01   | 4      | 21     | 37     |        | 6      | < 2    | < 10   | 182    | < 10   | 5      | 9      |
| GXR-6 Cert                  | 0.0680 | 1.87   | 13.9   | 0.609  | 0.104  | 0.0350 | 0.0160 | 3.60   | 27.6   | 35.0   |        | 0.0180 | 2.20   | 1.54   | 186    | 1.90   | 14.0   | 110    |
| MP-1b Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| MP-1b Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |        | 0.48   | 42     | 1.48   | 0.030  | 0.065  | 0.35   | 3      | 4      | 18     |        |        | < 2    | < 10   | 37     | < 10   | 21     | 27     |
| OREAS 922 (AQUA REGIA) Cert |        | 0.376  | 32.5   | 1.33   | 0.021  | 0.063  | 0.386  | 0.57   | 3.15   | 15.0   |        |        | 0.14   | 1.98   | 29.4   | 1.12   | 16.0   | 22.3   |

| Analyte Symbol              | Hg     | K      | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppm    | PCT    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Lower Limit                 | 1      | 0.01   | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 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 | AR-ICP | AR-ICP |
| OREAS 923 (AQUA REGIA) Meas |        | 0.41   | 38     | 1.58   |        | 0.063  | 0.64   | 4      | 4      | 16     |        |        | < 2    | < 10   | 37     | < 10   | 19     | 35     |
| OREAS 923 (AQUA REGIA) Cert |        | 0.322  | 30.0   | 1.43   |        | 0.061  | 0.684  | 0.58   | 3.09   | 13.6   |        |        | 0.12   | 1.80   | 30.6   | 1.96   | 14.3   | 22.5   |
| OXN117 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXN117 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080623 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080623 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080576 Orig                | < 1    | 0.24   | 24     | 1.47   | 0.145  | 0.233  | 2.08   | 7      | 7      | 155    | 0.28   | 1      | < 2    | < 10   | 180    | < 10   | 8      | 11     |
| 5080576 Dup                 | < 1    | 0.25   | 24     | 1.52   | 0.151  | 0.239  | 2.09   | 9      | 8      | 162    | 0.29   | < 1    | < 2    | < 10   | 182    | < 10   | 9      | 12     |
| 5080580 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080580 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080567 Orig                | 2      | 0.22   | < 10   | 0.28   | 0.010  | 0.079  | 9.83   | 86     | 2      | 88     | < 0.01 | < 1    | < 2    | < 10   | 21     | 30     | 7      | 5      |
| 5080567 Dup                 | 2      | 0.23   | < 10   | 0.28   | 0.012  | 0.083  | 10.0   | 90     | 2      | 93     | < 0.01 | < 1    | < 2    | < 10   | 22     | 45     | 8      | 5      |
| 5080570 Split Orig          | < 1    | 0.33   | 18     | 0.37   | 0.032  | 0.128  | 2.52   | 46     | 3      | 69     | < 0.01 | < 1    | < 2    | < 10   | 57     | < 10   | 10     | 6      |
| 5080570 Split               | < 1    | 0.34   | 16     | 0.37   | 0.032  | 0.128  | 2.49   | 44     | 3      | 69     | < 0.01 | < 1    | < 2    | < 10   | 55     | < 10   | 9      | 6      |
| 5080584 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080584 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080590 Orig                | < 1    | 0.15   | < 10   | 1.66   | 0.057  | 0.219  | 5.39   | 7      | 8      | 34     | 0.17   | < 1    | 2      | < 10   | 151    | < 10   | 8      | 20     |
| 5080590 Dup                 | < 1    | 0.17   | < 10   | 1.67   | 0.061  | 0.220  | 5.38   | 6      | 8      | 34     | 0.18   | 2      | 2      | < 10   | 153    | < 10   | 9      | 20     |
| 5080593 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080593 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080628 Orig                | < 1    | 0.12   | 24     | 0.65   | 0.156  | 0.137  | 1.06   | 5      | 4      | 78     | 0.39   | < 1    | < 2    | < 10   | 113    | < 10   | 14     | 18     |
| 5080628 Dup                 | < 1    | 0.12   | 23     | 0.64   | 0.151  | 0.136  | 1.03   | 7      | 4      | 75     | 0.36   | < 1    | < 2    | < 10   | 109    | < 10   | 13     | 12     |
| 5080635 Split Orig          | < 1    | 0.03   | 19     | 0.16   | 0.017  | 0.034  | 0.26   | 9      | 2      | 501    | < 0.01 | < 1    | < 2    | < 10   | 20     | < 10   | 26     | < 1    |
| 5080635 Split               | < 1    | 0.03   | 19     | 0.16   | 0.018  | 0.035  | 0.27   | 11     | 2      | 512    | < 0.01 | 2      | < 2    | < 10   | 20     | < 10   | 26     | < 1    |
| 5080639 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080639 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |



**Date Submitted:** 02-Sep-15  
**Invoice No.:** A15-07267 (i)  
**Invoice Date:** 15-Sep-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

49 Rock samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07267 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 02-Sep-15  
**Invoice No.:** A15-07267 (i)  
**Invoice Date:** 15-Sep-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

49 Rock samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07267 (i)**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

| Analyte Symbol | Ag      | Au      | Ag     | Cd     | Cu      | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      |
|----------------|---------|---------|--------|--------|---------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppm     | ppb     | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit    | 3       | 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   |
| Method Code    | ICP-OES | 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 |
| 5080644        |         | 23      | 0.3    | < 0.5  | 143     | 579    | 4      | 13     | 7      | 50      | 2.08   | 11     | < 10   | 64     | 1.0    | < 2    | 1.74   | 20     | 13     | 4.54   | < 10   | < 1    | 0.23   |
| 5080645        |         | 15      | < 0.2  | < 0.5  | 157     | 666    | 25     | 27     | 4      | 46      | 2.94   | 8      | < 10   | 59     | 0.8    | < 2    | 2.10   | 22     | 43     | 5.68   | 10     | < 1    | 0.29   |
| 5080646        |         | 28      | 0.3    | < 0.5  | 234     | 524    | 2      | 18     | < 2    | 46      | 2.88   | 5      | 11     | 91     | 0.8    | < 2    | 2.33   | 14     | 76     | 5.32   | 10     | < 1    | 0.51   |
| 5080647        |         | 611     | 0.2    | < 0.5  | 79      | 380    | 3      | 11     | < 2    | 44      | 2.12   | 11     | < 10   | 41     | 0.5    | 3      | 0.74   | 10     | 31     | 6.73   | 10     | < 1    | 0.21   |
| 5080648        |         | 1230    | 1.0    | < 0.5  | 108     | 475    | 2      | 9      | 6      | 62      | 2.03   | 21     | < 10   | 36     | 0.5    | < 2    | 0.78   | 9      | 16     | 6.55   | < 10   | < 1    | 0.23   |
| 5080649        |         | 142     | 0.5    | 0.5    | 79      | 439    | 3      | 7      | 6      | 75      | 1.98   | 27     | < 10   | 62     | < 0.5  | 3      | 0.55   | 11     | 17     | 6.34   | < 10   | < 1    | 0.16   |
| 5080650        |         | 455     | 0.4    | < 0.5  | 151     | 591    | 2      | 20     | 7      | 56      | 3.06   | 27     | < 10   | 70     | 0.9    | < 2    | 2.09   | 17     | 59     | 6.90   | 10     | < 1    | 0.28   |
| 5080651        |         | 591     | 0.3    | 1.5    | 130     | 586    | 2      | 26     | 4      | 115     | 2.67   | 26     | < 10   | 57     | 1.0    | 3      | 2.12   | 25     | 67     | 6.43   | 10     | < 1    | 0.21   |
| 5080652        |         | 6900    | 22.8   | 24.1   | 1910    | 2350   | 2      | 10     | 754    | 4320    | 0.62   | 1800   | < 10   | < 10   | < 0.5  | 10     | 1.84   | 58     | 7      | 12.5   | < 10   | < 1    | 0.32   |
| 5080653        | 197     | 3490    | > 100  | 18.8   | 5220    | 10200  | 2      | 15     | 276    | 3550    | 0.72   | 1000   | < 10   | < 10   | < 0.5  | 8      | 2.39   | 41     | 5      | 11.7   | < 10   | 2      | 0.26   |
| 5080654        |         | 66      | 1.3    | 9.6    | > 10000 | 5690   | < 1    | 27     | 47     | 1300    | 1.97   | 176    | < 10   | 253    | 1.3    | < 2    | 0.43   | 17     | 14     | 4.69   | < 10   | < 1    | 0.22   |
| 5080655        | 163     | > 10000 | > 100  | 102    | > 10000 | 4980   | 13     | 27     | 891    | > 10000 | 0.13   | 2050   | < 10   | < 10   | < 0.5  | < 2    | 1.67   | 111    | 3      | 19.8   | < 10   | 8      | 0.06   |
| 5080656        |         | 61      | 7.6    | 47.5   | 290     | 6980   | < 1    | 5      | 189    | 8390    | 0.52   | 425    | < 10   | 130    | < 0.5  | < 2    | 7.27   | 5      | 2      | 6.23   | < 10   | < 1    | 0.28   |
| 5080657        |         | 956     | 76.3   | < 0.5  | 369     | 1840   | 2      | 9      | 734    | 122     | 0.74   | 2620   | < 10   | 15     | < 0.5  | 98     | 0.80   | 7      | 14     | 16.6   | < 10   | < 1    | 0.12   |
| 5080658        |         | 35      | 1.8    | < 0.5  | 272     | 2110   | < 1    | 29     | 9      | 89      | 1.42   | 113    | < 10   | 18     | < 0.5  | < 2    | 5.73   | 18     | 47     | 5.65   | < 10   | < 1    | 0.08   |
| 5080659        |         | 45      | 3.0    | 2.0    | 1230    | 563    | 2      | 14     | 14     | 356     | 2.32   | 41     | < 10   | 39     | 0.7    | < 2    | 1.09   | 22     | 18     | 6.38   | 10     | < 1    | 0.17   |
| 5080660        |         | 50      | 0.9    | < 0.5  | 180     | 468    | 5      | 36     | 14     | 27      | 2.35   | 41     | < 10   | 29     | 0.9    | < 2    | 0.70   | 33     | 35     | 6.01   | < 10   | < 1    | 0.21   |
| 5080661        |         | 44      | 2.2    | < 0.5  | 669     | 301    | 39     | 52     | 7      | 23      | 1.48   | 197    | < 10   | 62     | < 0.5  | < 2    | 0.35   | 17     | 34     | 5.01   | < 10   | < 1    | 0.08   |
| 5080662        |         | 17      | 1.0    | < 0.5  | 66      | 257    | 37     | 33     | 8      | 27      | 0.99   | 123    | < 10   | 45     | < 0.5  | < 2    | 0.25   | 23     | 45     | 7.60   | < 10   | < 1    | 0.06   |
| 5080663        |         | 1040    | 0.8    | < 0.5  | 3380    | 971    | 1      | 24     | 7      | 112     | 1.72   | 3      | < 10   | 196    | < 0.5  | < 2    | 1.92   | 11     | 42     | 7.43   | < 10   | < 1    | 0.31   |
| 5080664        |         | 3550    | 2.5    | 0.6    | 6630    | 1010   | 13     | 12     | 6      | 110     | 1.68   | 12     | < 10   | 157    | < 0.5  | < 2    | 3.66   | 6      | 14     | 7.57   | < 10   | < 1    | 0.33   |
| 5080665        |         | 13      | 0.5    | 0.6    | 450     | 538    | 4      | 12     | < 2    | 38      | 2.69   | 5      | < 10   | 74     | 0.7    | < 2    | 1.47   | 18     | 19     | 6.72   | 10     | < 1    | 0.43   |
| 5080666        |         | 24      | 0.4    | < 0.5  | 423     | 531    | 10     | 9      | < 2    | 80      | 3.07   | 11     | < 10   | 67     | 0.8    | < 2    | 1.99   | 18     | 5      | 6.33   | 10     | < 1    | 0.42   |
| 5080667        |         | 15      | 0.3    | 0.6    | 472     | 725    | < 1    | 9      | < 2    | 52      | 2.95   | 5      | < 10   | 66     | 1.1    | < 2    | 2.07   | 23     | 4      | 5.69   | 10     | < 1    | 0.34   |
| 5080704        |         | 234     | 0.5    | < 0.5  | 210     | 1020   | 2      | 60     | < 2    | 55      | 2.56   | 5      | < 10   | 68     | 0.6    | < 2    | 4.77   | 16     | 107    | 5.67   | < 10   | < 1    | 0.66   |
| 5080705        |         | 213     | 0.2    | < 0.5  | 169     | 947    | 2      | 26     | < 2    | 64      | 3.04   | < 2    | < 10   | 103    | 0.6    | 3      | 3.93   | 16     | 24     | 6.26   | 10     | < 1    | 1.02   |
| 5080706        |         | 12      | < 0.2  | < 0.5  | 145     | 597    | 8      | 17     | 4      | 44      | 2.91   | 7      | < 10   | 55     | 1.2    | < 2    | 2.21   | 25     | 19     | 5.01   | 10     | < 1    | 0.21   |
| 5080707        |         | 49      | 0.4    | 0.7    | 160     | 327    | 3      | 8      | 7      | 48      | 2.83   | 23     | < 10   | 50     | 0.9    | < 2    | 1.50   | 19     | 8      | 5.66   | < 10   | < 1    | 0.65   |
| 5080708        |         | 66      | 0.5    | < 0.5  | 55      | 368    | < 1    | 6      | 11     | 45      | 1.63   | 13     | < 10   | 83     | < 0.5  | < 2    | 0.75   | 8      | 29     | 5.37   | < 10   | < 1    | 0.16   |
| 5080709        |         | 471     | 0.3    | < 0.5  | 111     | 397    | < 1    | 2      | 7      | 24      | 1.39   | 16     | < 10   | 57     | < 0.5  | < 2    | 0.60   | 8      | 6      | 5.82   | 10     | < 1    | 0.17   |
| 5080710        |         | 281     | 0.7    | < 0.5  | 389     | 321    | 25     | 11     | 30     | 29      | 2.34   | 40     | < 10   | 26     | 0.7    | < 2    | 0.45   | 23     | 6      | 9.44   | 10     | 2      | 0.52   |
| 5080711        |         | 493     | 28.5   | 15.3   | 2000    | 9850   | < 1    | 10     | 175    | 2860    | 0.32   | 610    | < 10   | 54     | < 0.5  | 28     | 10.1   | 9      | 3      | 8.24   | < 10   | 1      | 0.12   |
| 5080712        | 467     | 3190    | > 100  | 72.2   | > 10000 | 8070   | < 1    | 13     | 3030   | > 10000 | 0.19   | 183    | < 10   | 15     | < 0.5  | 120    | 4.95   | 74     | 7      | 11.7   | < 10   | 2      | 0.07   |
| 5080713        |         | 298     | 2.8    | 2.9    | 1220    | 1940   | 1      | 25     | 43     | 638     | 2.04   | 81     | < 10   | 82     | < 0.5  | < 2    | 3.94   | 13     | 42     | 5.53   | < 10   | < 1    | 0.27   |
| 5080714        |         | 8370    | 56.6   | 2.2    | > 10000 | 3450   | 186    | 37     | 48     | 668     | 0.85   | 33     | < 10   | < 10   | < 0.5  | 41     | 1.73   | 19     | 15     | 17.4   | < 10   | < 1    | 0.16   |
| 5080715        |         | 12      | 9.1    | 2.5    | 56      | 7710   | < 1    | 4      | 250    | 339     | 0.25   | 31     | < 10   | 44     | < 0.5  | 2      | 12.2   | 6      | 2      | 8.84   | < 10   | 2      | 0.12   |
| 5080716        |         | 7830    | 10.8   | < 0.5  | 1230    | 404    | 4      | 19     | 53     | 58      | 2.36   | 5300   | < 10   | < 10   | 0.5    | 19     | 0.09   | 20     | 53     | 13.9   | < 10   | < 1    | 0.10   |
| 5080717        |         | 498     | 0.4    | < 0.5  | 854     | 1020   | 1      | 46     | < 2    | 122     | 1.80   | 10     | < 10   | 117    | < 0.5  | < 2    | 2.23   | 14     | 109    | 5.56   | < 10   | < 1    | 0.57   |
| 5080718        |         | 215     | 0.5    | 0.6    | 817     | 896    | < 1    | 58     | 6      | 112     | 2.34   | 5      | < 10   | 221    | < 0.5  | < 2    | 1.93   | 20     | 109    | 5.74   | < 10   | < 1    | 0.96   |
| 5080719        |         | 631     | 0.6    | < 0.5  | 121     | 332    | 1      | 7      | 7      | 26      | 1.39   | 121    | < 10   | 38     | < 0.5  | < 2    | 0.72   | 21     | 4      | 7.16   | < 10   | < 1    | 0.13   |
| 5080720        |         | 44      | 0.8    | 0.9    | 375     | 536    | < 1    | 14     | 10     | 92      | 4.67   | 32     | 22     | 21     | 1.4    | < 2    | 3.74   | 39     | 4      | 9.22   | 10     | < 1    | 0.11   |
| 5080721        |         | 241     | 0.6    | < 0.5  | 659     | 355    | 15     | 18     | < 2    | 27      | 1.65   | 12     | < 10   | 42     | 0.6    | < 2    | 3.64   | 32     | 23     | 7.71   | < 10   | < 1    | 0.36   |
| 5080722        |         | 505     | 0.5    | < 0.5  | 480     | 583    | 4      | 23     | < 2    | 51      | 2.48   | 13     | < 10   | 49     | 0.7    | < 2    | 2.09   | 25     | 67     | 6.46   | < 10   | < 1    | 0.62   |
| 5080723        |         | 147     | 0.3    | 0.5    | 462     | 794    | 4      | 15     | < 2    | 26      | 1.75   | 48     | < 10   | 28     | 0.6    | < 2    | 7.32   | 24     | 25     | 5.55   | < 10   | < 1    | 0.28   |
| 5080724        |         | 213     | 0.8    | 1.2    | 205     | 1220   | 4      | 3      | 9      | 143     | 0.60   | 1520   | < 10   | 13     | < 0.5  | < 2    | 15.1   | 11     | 5      | 5.69   | < 10   | 1      | 0.09   |
| 5080725        |         | 1390    | 5.6    | 302    | 287     | 945    | 2      | 6      | 388    | > 10000 | 0.41   | 7380   | < 10   | < 10   | < 0.5  | 22     | 5.79   | 32     | 4      | 11.8   | < 10   | < 1    | 0.20   |
| 5080726        |         | 194     | 2.0    | 25.1   | 1320    | 1700   | 3      | 14     | 44     | 1950    | 1.65   | 508    | < 10   | 24     | 0.6    | < 2    | 5.05   | 33     | 7      | 7.65   | < 10   | < 1    | 0.48   |
| 5080727        |         | > 10000 | 3.2    | 0.8    | 867     | 591    | 5      | 15     | 6      | 87      | 1.17   | 454    | < 10   | 30     | < 0.5  | 27     | 3.92   | 38     | 9      | 7.89   | < 10   | < 1    | 0.32   |
| 5080728        |         | 234     | 0.7    | 0.8    | 612     | 811    | 3      | 22     | < 2    | 81      | 2.68   | 13     | < 10   | 62     | 1.2    | < 2    | 4.54   | 27     | 39     | 7.92   | < 10   | 1      | 0.49   |



Results

| Analyte Symbol | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Cu      | Zn      | Au      |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| Unit Symbol    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | %       | %       | g/tonne |
| Lower Limit    | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.001   | 0.001   | 0.02    |
| 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 | ICP-OES | ICP-OES | FA-GRA  |
| 5080644        | 34     | 1.37   | 0.178  | 0.187  | 1.43   | 4      | 6      | 133    | 0.38   | 4      | < 2    | < 10   | 116    | < 10   | 12     | 21     |         |         |         |
| 5080645        | 20     | 1.99   | 0.181  | 0.196  | 1.11   | 3      | 9      | 116    | 0.43   | 7      | < 2    | < 10   | 168    | < 10   | 10     | 15     |         |         |         |
| 5080646        | 24     | 2.07   | 0.156  | 0.290  | 0.75   | 3      | 9      | 66     | 0.44   | 2      | < 2    | < 10   | 185    | < 10   | 10     | 11     |         |         |         |
| 5080647        | 22     | 1.11   | 0.163  | 0.252  | 1.82   | 6      | 13     | 170    | 0.45   | 6      | < 2    | < 10   | 189    | < 10   | 8      | 20     |         |         |         |
| 5080648        | 17     | 1.22   | 0.104  | 0.235  | 1.55   | 6      | 11     | 156    | 0.46   | 6      | < 2    | < 10   | 161    | < 10   | 9      | 23     |         |         |         |
| 5080649        | 16     | 1.56   | 0.148  | 0.244  | 1.57   | 4      | 14     | 92     | 0.38   | 6      | < 2    | < 10   | 194    | < 10   | 9      | 23     |         |         |         |
| 5080650        | 19     | 2.20   | 0.182  | 0.272  | 1.84   | 21     | 11     | 196    | 0.46   | 7      | < 2    | < 10   | 185    | < 10   | 11     | 18     |         |         |         |
| 5080651        | 18     | 2.06   | 0.132  | 0.236  | 2.27   | 14     | 10     | 137    | 0.44   | 8      | 2      | < 10   | 167    | < 10   | 12     | 20     |         |         |         |
| 5080652        | < 10   | 0.39   | 0.015  | 0.083  | 9.74   | 26     | 3      | 32     | < 0.01 | 11     | < 2    | < 10   | 22     | < 10   | 6      | 11     |         |         |         |
| 5080653        | < 10   | 0.66   | 0.016  | 0.070  | 4.80   | 211    | 3      | 38     | < 0.01 | 7      | < 2    | < 10   | 30     | < 10   | 8      | 10     |         |         |         |
| 5080654        | 21     | 0.93   | 0.033  | 0.121  | 0.11   | 5      | 5      | 13     | < 0.01 | 8      | < 2    | < 10   | 66     | < 10   | 26     | 4      | 1.89    |         |         |
| 5080655        | < 10   | 0.25   | 0.013  | 0.023  | 12.1   | 68     | 1      | 40     | < 0.01 | 10     | < 2    | < 10   | 8      | 13     | 5      | 10     | 5.58    | 2.56    | 15.2    |
| 5080656        | < 10   | 2.71   | 0.018  | 0.075  | 0.69   | 12     | 2      | 119    | < 0.01 | 5      | < 2    | < 10   | 22     | < 10   | 7      | 5      |         |         |         |
| 5080657        | < 10   | 0.27   | 0.013  | 0.054  | 4.44   | 212    | 6      | 11     | < 0.01 | 29     | < 2    | < 10   | 89     | < 10   | 6      | 14     |         |         |         |
| 5080658        | 49     | 1.35   | 0.015  | 0.112  | 2.15   | 12     | 9      | 73     | < 0.01 | < 1    | < 2    | < 10   | 89     | < 10   | 17     | 10     |         |         |         |
| 5080659        | 26     | 1.29   | 0.108  | 0.224  | 1.92   | 15     | 14     | 90     | 0.35   | 4      | < 2    | < 10   | 233    | < 10   | 15     | 24     |         |         |         |
| 5080660        | 29     | 0.86   | 0.092  | 0.258  | 1.72   | 15     | 16     | 47     | 0.02   | < 1    | < 2    | < 10   | 194    | < 10   | 16     | 10     |         |         |         |
| 5080661        | < 10   | 0.18   | 0.016  | 0.078  | 1.53   | 11     | 8      | 8      | 0.01   | < 1    | < 2    | < 10   | 242    | < 10   | 10     | 12     |         |         |         |
| 5080662        | < 10   | 0.06   | 0.016  | 0.074  | 1.31   | 11     | 5      | 8      | 0.02   | 7      | < 2    | < 10   | 220    | < 10   | 6      | 14     |         |         |         |
| 5080663        | < 10   | 1.38   | 0.101  | 0.084  | 0.22   | 4      | 11     | 26     | 0.10   | 2      | < 2    | < 10   | 149    | < 10   | 14     | 10     |         |         |         |
| 5080664        | < 10   | 0.73   | 0.025  | 0.044  | 0.41   | 7      | 4      | 36     | 0.01   | 5      | < 2    | < 10   | 88     | < 10   | 10     | 9      |         |         |         |
| 5080665        | 19     | 1.98   | 0.127  | 0.216  | 1.53   | 15     | 10     | 77     | 0.52   | 6      | < 2    | < 10   | 198    | < 10   | 12     | 13     |         |         |         |
| 5080666        | 20     | 1.94   | 0.241  | 0.275  | 1.62   | 4      | 7      | 298    | 0.48   | 4      | < 2    | < 10   | 208    | < 10   | 10     | 9      |         |         |         |
| 5080667        | 23     | 1.79   | 0.274  | 0.276  | 2.07   | 11     | 6      | 423    | 0.52   | 3      | < 2    | < 10   | 188    | < 10   | 11     | 14     |         |         |         |
| 5080704        | 21     | 2.55   | 0.108  | 0.178  | 1.20   | 9      | 14     | 73     | 0.15   | 5      | < 2    | < 10   | 181    | < 10   | 13     | 13     |         |         |         |
| 5080705        | 20     | 3.24   | 0.096  | 0.204  | 1.03   | 7      | 16     | 74     | 0.19   | < 1    | < 2    | < 10   | 217    | < 10   | 13     | 10     |         |         |         |
| 5080706        | 19     | 1.85   | 0.112  | 0.189  | 0.70   | 4      | 7      | 116    | 0.40   | < 1    | < 2    | < 10   | 134    | < 10   | 11     | 14     |         |         |         |
| 5080707        | 20     | 1.50   | 0.338  | 0.214  | 3.20   | 5      | 7      | 266    | 0.35   | 4      | < 2    | < 10   | 162    | < 10   | 12     | 40     |         |         |         |
| 5080708        | 27     | 0.88   | 0.168  | 0.142  | 0.69   | 9      | 7      | 58     | 0.44   | 8      | < 2    | < 10   | 190    | < 10   | 12     | 19     |         |         |         |
| 5080709        | 20     | 0.67   | 0.147  | 0.130  | 0.95   | 5      | 4      | 46     | 0.42   | 4      | < 2    | < 10   | 124    | < 10   | 11     | 19     |         |         |         |
| 5080710        | < 10   | 1.80   | 0.112  | 0.244  | 3.22   | 16     | 9      | 30     | 0.07   | 2      | < 2    | < 10   | 211    | < 10   | 3      | 20     |         |         |         |
| 5080711        | < 10   | 2.53   | 0.016  | 0.016  | 1.89   | 34     | 1      | 152    | < 0.01 | 3      | < 2    | < 10   | 9      | < 10   | 11     | 4      |         |         |         |
| 5080712        | < 10   | 1.10   | 0.012  | 0.016  | 6.29   | 154    | < 1    | 65     | < 0.01 | 14     | < 2    | < 10   | 5      | < 10   | 9      | 6      | 1.89    | 1.45    |         |
| 5080713        | < 10   | 1.30   | 0.019  | 0.105  | 1.08   | 5      | 9      | 51     | < 0.01 | 1      | < 2    | < 10   | 117    | < 10   | 11     | 5      |         |         |         |
| 5080714        | < 10   | 0.42   | 0.015  | 0.090  | 10.4   | 12     | 8      | 29     | < 0.01 | 97     | < 2    | < 10   | 62     | < 10   | 9      | 12     | 3.71    |         |         |
| 5080715        | < 10   | 0.85   | 0.013  | 0.021  | 5.10   | 29     | 2      | 210    | < 0.01 | 2      | < 2    | < 10   | 12     | < 10   | 8      | 4      |         |         |         |
| 5080716        | < 10   | 1.27   | 0.018  | 0.012  | 5.48   | 19     | 19     | 5      | 0.01   | 18     | < 2    | < 10   | 113    | < 10   | 5      | 15     |         |         |         |
| 5080717        | < 10   | 1.66   | 0.112  | 0.100  | 0.08   | 3      | 17     | 35     | 0.19   | < 1    | < 2    | < 10   | 194    | < 10   | 14     | 11     |         |         |         |
| 5080718        | < 10   | 2.50   | 0.164  | 0.096  | 0.12   | 4      | 18     | 43     | 0.30   | 5      | < 2    | < 10   | 205    | < 10   | 12     | 11     |         |         |         |
| 5080719        | 18     | 0.64   | 0.123  | 0.122  | 3.23   | 9      | 3      | 50     | 0.34   | 7      | < 2    | < 10   | 121    | < 10   | 11     | 50     |         |         |         |
| 5080720        | 22     | 1.98   | 0.060  | 0.149  | 4.05   | 9      | 4      | 45     | 0.33   | 6      | < 2    | < 10   | 182    | < 10   | 10     | 26     |         |         |         |
| 5080721        | 16     | 1.39   | 0.157  | 0.194  | 3.44   | 4      | 16     | 91     | 0.39   | 10     | < 2    | < 10   | 215    | < 10   | 10     | 18     |         |         |         |
| 5080722        | 23     | 2.43   | 0.178  | 0.249  | 1.94   | 6      | 15     | 84     | 0.31   | 3      | < 2    | < 10   | 210    | < 10   | 13     | 16     |         |         |         |
| 5080723        | 18     | 1.02   | 0.033  | 0.205  | 2.22   | 23     | 11     | 118    | 0.02   | 4      | < 2    | < 10   | 109    | < 10   | 13     | 8      |         |         |         |
| 5080724        | < 10   | 0.29   | 0.016  | 0.034  | 3.97   | 294    | 4      | 606    | < 0.01 | 5      | 4      | < 10   | 17     | < 10   | 7      | 3      |         |         |         |
| 5080725        | < 10   | 0.19   | 0.013  | 0.073  | 11.1   | 156    | 1      | 138    | < 0.01 | 14     | < 2    | < 10   | 14     | 33     | 3      | 10     |         | 3.07    |         |
| 5080726        | < 10   | 0.59   | 0.017  | 0.235  | 3.35   | 107    | 6      | 103    | < 0.01 | < 1    | < 2    | < 10   | 34     | < 10   | 14     | 10     |         |         |         |
| 5080727        | < 10   | 0.77   | 0.021  | 0.196  | 3.52   | 59     | 4      | 99     | < 0.01 | 20     | < 2    | < 10   | 34     | < 10   | 12     | 11     |         |         | 20.6    |
| 5080728        | 17     | 1.61   | 0.040  | 0.220  | 1.85   | 9      | 19     | 111    | 0.02   | 3      | < 2    | < 10   | 124    | < 10   | 17     | 10     |         |         |         |

QC

| Analyte Symbol              | Ag      | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      |
|-----------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppm     | ppb     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit                 | 3       | 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   |
| Method Code                 | ICP-OES | 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 |
| GXR-1 Meas                  |         |         | 28.5   | 2.2    | 1110   | 775    | 15     | 27     | 617    | 715    | 0.39   | 406    | < 10   | 251    | 0.9    | 1500   | 0.78   | 4      | 7      | 22.3   | < 10   | 2      | 0.03   |
| GXR-1 Cert                  |         |         | 31.0   | 3.30   | 1110   | 852    | 18.0   | 41.0   | 730    | 760    | 3.52   | 427    | 15.0   | 750    | 1.22   | 1380   | 0.960  | 8.20   | 12.0   | 23.6   | 13.8   | 3.90   | 0.050  |
| GXR-4 Meas                  |         |         | 3.5    | < 0.5  | 6200   | 149    | 314    | 40     | 41     | 76     | 2.80   | 109    | < 10   | 40     | 1.5    | 21     | 0.90   | 13     | 59     | 3.07   | < 10   | < 1    | 1.69   |
| GXR-4 Cert                  |         |         | 4.0    | 0.860  | 6520   | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   | 20.0   | 0.110  | 4.01   |
| GXR-6 Meas                  |         |         | 0.4    | < 0.5  | 67     | 1010   | 1      | 23     | 90     | 129    | 7.11   | 245    | < 10   | 932    | 1.0    | < 2    | 0.17   | 13     | 85     | 5.49   | 10     | 2      | 1.09   |
| GXR-6 Cert                  |         |         | 1.30   | 1.00   | 66.0   | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   | 35.0   | 0.0680 | 1.87   |
| MP-1b Meas                  | 47      |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| MP-1b Cert                  | 47.0    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Meas                 | 121     |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert                 | 120.7   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Meas                  |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CPB-2 Cert                  |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas                  | 52      |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert                  | 51.4    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |         | 5620    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |         | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |         | 5740    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |         | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |         | 5280    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |         | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |         | 5630    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |         | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Meas                  |         | 6080    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXL93 Cert                  |         | 5841.00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Meas                 |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Cert                 |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |         | 1030    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |         | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |         | 1030    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |         | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |         | 1100    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |         | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |         | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |         | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   |         | 1060    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   |         | 1090    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |         |         | 1.3    | < 0.5  | 2330   | 794    | < 1    | 42     | 66     | 284    | 2.99   | 3      |        | 95     | 0.8    | 3      | 0.44   | 19     | 52     | 5.28   | < 10   |        | 0.48   |
| OREAS 922 (AQUA REGIA) 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  |
| OREAS 923 (AQUA REGIA) Meas |         |         | 1.7    | < 0.5  | 4640   | 920    | < 1    | 34     | 81     | 384    | 3.20   | 8      |        | 81     | 0.8    | 8      | 0.46   | 23     | 49     | 6.43   | < 10   |        | 0.43   |
| OREAS 923 (AQUA REGIA) 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  |
| OXN117 Meas                 |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXN117 Cert                 |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Meas                 |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Cert                 |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080648 Orig                |         | 1190    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080648 Dup                 |         | 1280    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

| Analyte Symbol     | Ag      | Au    | Ag     | Cd     | Cu      | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      |
|--------------------|---------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol        | ppm     | ppb   | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    |
| Lower Limit        | 3       | 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   |
| Method Code        | ICP-OES | 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 |
| 5080652 Orig       |         |       | 23.0   | 24.2   | 1930    | 2350   | 2      | 8      | 756    | 4330   | 0.62   | 1800   | < 10   | < 10   | < 0.5  | 8      | 1.84   | 56     | 7      | 12.6   | < 10   | < 1    | 0.32   |
| 5080652 Dup        |         |       | 22.6   | 24.0   | 1890    | 2340   | 2      | 12     | 753    | 4320   | 0.63   | 1790   | < 10   | < 10   | < 0.5  | 11     | 1.83   | 59     | 7      | 12.4   | < 10   | < 1    | 0.32   |
| 5080662 Orig       |         | 16    |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080662 Dup        |         | 17    |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080666 Orig       |         |       | 0.4    | < 0.5  | 434     | 539    | 10     | 9      | < 2    | 81     | 3.13   | 9      | < 10   | 68     | 0.8    | < 2    | 2.01   | 19     | 5      | 6.48   | 10     | < 1    | 0.43   |
| 5080666 Dup        |         |       | 0.4    | 0.8    | 411     | 523    | 10     | 8      | < 2    | 79     | 3.01   | 12     | < 10   | 65     | 0.8    | < 2    | 1.97   | 17     | 5      | 6.18   | 10     | < 1    | 0.41   |
| 5080706 Orig       |         | 9     |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080706 Dup        |         | 14    |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080709 Split Orig |         | 471   | 0.3    | < 0.5  | 111     | 397    | < 1    | 2      | 7      | 24     | 1.39   | 16     | < 10   | 57     | < 0.5  | < 2    | 0.60   | 8      | 6      | 5.82   | 10     | < 1    | 0.17   |
| 5080709 Split      |         | 349   | 0.2    | < 0.5  | 109     | 391    | < 1    | 3      | 6      | 23     | 1.40   | 16     | < 10   | 60     | < 0.5  | 3      | 0.60   | 7      | 6      | 5.82   | 10     | < 1    | 0.18   |
| 5080712 Orig       | 470     |       |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080712 Dup        | 464     |       |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080714 Orig       |         |       | 55.3   | 2.1    | > 10000 | 3410   | 181    | 31     | 46     | 665    | 0.82   | 33     | < 10   | < 10   | < 0.5  | 41     | 1.71   | 19     | 15     | 17.1   | < 10   | < 1    | 0.15   |
| 5080714 Dup        |         |       | 57.9   | 2.3    | > 10000 | 3480   | 191    | 43     | 50     | 671    | 0.89   | 33     | < 10   | < 10   | < 0.5  | 41     | 1.76   | 20     | 16     | 17.8   | < 10   | < 1    | 0.17   |
| 5080718 Orig       |         | 230   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080718 Dup        |         | 199   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080725 Orig       |         |       |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080725 Dup        |         |       |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080728 Orig       |         | 261   | 0.7    | 0.7    | 618     | 823    | 2      | 24     | < 2    | 82     | 2.68   | 14     | < 10   | 56     | 1.2    | < 2    | 4.59   | 27     | 39     | 8.04   | < 10   | 1      | 0.49   |
| 5080728 Dup        |         | 207   | 0.7    | 0.9    | 605     | 799    | 3      | 21     | < 2    | 79     | 2.69   | 13     | < 10   | 68     | 1.2    | < 2    | 4.49   | 26     | 39     | 7.81   | < 10   | 1      | 0.50   |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         | < 5   |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       | < 3     |       |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank       |         |       |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

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| Analyte Symbol | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Cu      | Zn      | Au      |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| Unit Symbol    | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | %       | %       | g/tonne |
| Lower Limit    | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.001   | 0.001   | 0.02    |
| 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 | ICP-OES | ICP-OES | FA-GRA  |
| GXR-1 Meas     | < 10   | 0.14   | 0.053  | 0.041  | 0.18   | 86     | 1      | 170    | < 0.01 | 20     | < 2    | 31     | 77     | 137    | 23     | 19     |         |         |         |
| GXR-1 Cert     | 7.50   | 0.217  | 0.0520 | 0.0650 | 0.257  | 122    | 1.58   | 275    | 0.036  | 13.0   | 0.390  | 34.9   | 80.0   | 164    | 32.0   | 38.0   |         |         |         |
| GXR-4 Meas     | 49     | 1.63   | 0.134  | 0.124  | 1.63   | 4      | 7      | 77     | 0.18   | 2      | 3      | < 10   | 81     | 19     | 11     | 14     |         |         |         |
| GXR-4 Cert     | 64.5   | 1.66   | 0.564  | 0.120  | 1.77   | 4.80   | 7.70   | 221    | 0.29   | 0.970  | 3.20   | 6.20   | 87.0   | 30.8   | 14.0   | 186    |         |         |         |
| GXR-6 Meas     | 10     | 0.40   | 0.084  | 0.034  | 0.02   | 5      | 20     | 35     |        | 7      | < 2    | < 10   | 171    | < 10   | 5      | 15     |         |         |         |
| GXR-6 Cert     | 13.9   | 0.609  | 0.104  | 0.0350 | 0.0160 | 3.60   | 27.6   | 35.0   |        | 0.0180 | 2.20   | 1.54   | 186    | 1.90   | 14.0   | 110    |         |         |         |
| MP-1b Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| MP-1b Cert     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| CCU-1d Meas    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 23.9    | 2.63    |         |
| CCU-1d Cert    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 23.93   | 2.63    |         |
| CPB-2 Meas     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 0.120   | 6.00    |         |

| Analyte Symbol              | La     | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Cu      | Zn      | Au      |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| Unit Symbol                 | ppm    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | %       | %       | g/tonne |
| Lower Limit                 | 10     | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.001   | 0.001   | 0.02    |
| 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 | ICP-OES | ICP-OES | FA-GRA  |
| CPB-2 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 0.1213  | 6.04    |         |
| CZN-4 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 0.412   | 55.2    |         |
| CZN-4 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 0.403   | 55.07   |         |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| OXL93 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| OXL93 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| OXL93 Cert                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| OXL93 Meas                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| OxP 91 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         | 14.8    |
| OxP 91 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         | 14.82   |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| OREAS 922 (AQUA REGIA) Meas | 39     | 1.43   | 0.032  | 0.066  | 0.35   | 4      | 4      | 18     |        | < 2    | < 10   | 38     | < 10   | 21     | 44     |        |         |         |         |
| OREAS 922 (AQUA REGIA) Cert | 32.5   | 1.33   | 0.021  | 0.063  | 0.386  | 0.57   | 3.15   | 15.0   |        | 0.14   | 1.98   | 29.4   | 1.12   | 16.0   | 22.3   |        |         |         |         |
| OREAS 923 (AQUA REGIA) Meas | 39     | 1.62   |        | 0.066  | 0.68   | 3      | 4      | 17     |        | < 2    | < 10   | 38     | < 10   | 20     | 56     |        |         |         |         |
| OREAS 923 (AQUA REGIA) Cert | 30.0   | 1.43   |        | 0.061  | 0.684  | 0.58   | 3.09   | 13.6   |        | 0.12   | 1.80   | 30.6   | 1.96   | 14.3   | 22.5   |        |         |         |         |
| OXN117 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         | 7.70    |
| OXN117 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         | 7.679   |
| PTC-1b Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 7.99    | 0.209   |         |
| PTC-1b Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 7.97    | 0.2083  |         |
| 5080648 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| 5080648 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| 5080652 Orig                | < 10   | 0.39   | 0.015  | 0.084  | 9.65   | 26     | 3      | 31     | < 0.01 | 12     | < 2    | < 10   | 22     | < 10   | 6      | 12     |         |         |         |
| 5080652 Dup                 | < 10   | 0.39   | 0.015  | 0.083  | 9.83   | 26     | 3      | 32     | < 0.01 | 10     | < 2    | < 10   | 23     | < 10   | 6      | 11     |         |         |         |
| 5080662 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| 5080662 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| 5080666 Orig                | 20     | 1.98   | 0.247  | 0.285  | 1.68   | 3      | 7      | 307    | 0.49   | 4      | < 2    | < 10   | 214    | < 10   | 10     | 9      |         |         |         |
| 5080666 Dup                 | 19     | 1.90   | 0.234  | 0.266  | 1.56   | 5      | 7      | 288    | 0.46   | 3      | < 2    | < 10   | 202    | < 10   | 10     | 9      |         |         |         |
| 5080706 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| 5080706 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |
| 5080709 Split Orig          | 20     | 0.67   | 0.147  | 0.130  | 0.95   | 5      | 4      | 46     | 0.42   | 4      | < 2    | < 10   | 124    | < 10   | 11     | 19     |         |         |         |
| 5080709 Split               | 20     | 0.68   | 0.152  | 0.129  | 0.91   | 5      | 4      | 48     | 0.42   | 8      | < 2    | < 10   | 122    | < 10   | 11     | 21     |         |         |         |





**Date Submitted:** 30-Sep-15  
**Invoice No.:** A15-08295 (i)  
**Invoice Date:** 30-Oct-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08295 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 30-Sep-15  
**Invoice No.:** A15-08295 (i)  
**Invoice Date:** 30-Oct-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08295 (i)**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      | La     |
|----------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppb     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | 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 |
| 5080751        | 7040    | 51.6   | 4.5    | 2020   | 68     | < 1    | 27     | 277    | 327    | 0.61   | > 10000 | < 10   | < 10   | < 0.5  | 82     | 0.04   | 24     | 22     | 16.5   | < 10   | < 1    | 0.28   | < 10   |
| 5080752        | > 10000 | 77.4   | 1.8    | 886    | 35     | 3      | 9      | 449    | 80     | 0.46   | > 10000 | < 10   | < 10   | < 0.5  | 208    | 0.02   | 9      | 4      | 19.9   | < 10   | < 1    | 0.23   | < 10   |
| 5080753        | 1050    | 8.8    | 1.3    | 2810   | 263    | 10     | 4      | 9      | 147    | 1.56   | 320     | < 10   | 27     | 0.5    | < 2    | 0.70   | 9      | 6      | 4.24   | < 10   | < 1    | 0.37   | 26     |
| 5080754        | 46      | 0.6    | < 0.5  | 205    | 430    | 2      | 7      | 6      | 32     | 1.92   | 159     | < 10   | 33     | 0.7    | < 2    | 1.21   | 18     | 11     | 7.24   | 10     | < 1    | 0.22   | 26     |
| 5080755        | 57      | 0.7    | < 0.5  | 174    | 369    | 6      | 10     | 10     | 75     | 1.55   | 579     | < 10   | 32     | 0.8    | < 2    | 0.84   | 21     | 11     | 6.19   | < 10   | < 1    | 0.21   | 23     |
| 5080756        | 188     | 0.2    | < 0.5  | 172    | 590    | 10     | 238    | < 2    | 36     | 2.28   | 522     | < 10   | 36     | 0.6    | < 2    | 3.57   | 46     | 387    | 6.59   | < 10   | < 1    | 0.23   | 18     |
| 5080757        | 214     | 0.2    | < 0.5  | 727    | 363    | 20     | 38     | < 2    | 32     | 2.12   | 35      | < 10   | 27     | 0.6    | < 2    | 2.31   | 37     | 46     | 5.94   | < 10   | < 1    | 0.27   | 28     |
| 5080758        | 95      | 0.4    | < 0.5  | 817    | 178    | 3      | 67     | < 2    | 25     | 2.65   | 16      | < 10   | 19     | 0.8    | < 2    | 2.67   | 40     | 44     | 6.19   | < 10   | < 1    | 0.14   | 39     |
| 5080759        | 88      | 0.2    | < 0.5  | 308    | 375    | < 1    | 49     | < 2    | 36     | 2.15   | 14      | < 10   | 11     | 0.6    | < 2    | 1.79   | 29     | 70     | 6.17   | < 10   | < 1    | 0.57   | 23     |
| 5080760        | 50      | < 0.2  | < 0.5  | 430    | 476    | 5      | 45     | < 2    | 50     | 3.12   | 4       | < 10   | 19     | 0.5    | < 2    | 2.59   | 23     | 66     | 5.17   | 10     | < 1    | 1.03   | 26     |
| 5080729        | 157     | 0.3    | 0.6    | 215    | 226    | 3      | 23     | 4      | 27     | 3.01   | 469     | < 10   | 20     | 1.0    | < 2    | 1.95   | 45     | 35     | 6.06   | < 10   | < 1    | 0.18   | 16     |
| 5080730        | 216     | 0.5    | < 0.5  | 254    | 241    | < 1    | 10     | 3      | 22     | 2.35   | 24      | < 10   | 16     | 0.6    | < 2    | 1.64   | 33     | 5      | 8.06   | < 10   | < 1    | 0.09   | 11     |
| 5080731        | 391     | 0.2    | < 0.5  | 222    | 188    | 3      | 15     | < 2    | 23     | 3.08   | 167     | < 10   | 22     | 0.8    | < 2    | 1.39   | 26     | 26     | 6.91   | < 10   | < 1    | 0.14   | 12     |
| 5080732        | 621     | 0.5    | 0.5    | 274    | 262    | < 1    | 18     | < 2    | 21     | 2.55   | 76      | < 10   | 19     | 0.7    | < 2    | 1.37   | 34     | 32     | 9.58   | < 10   | < 1    | 0.13   | 18     |
| 18241          | 954     | 0.7    | < 0.5  | 594    | 487    | 3      | 11     | < 2    | 46     | 2.19   | 32      | < 10   | 28     | 0.6    | < 2    | 0.43   | 29     | 11     | 8.18   | 10     | < 1    | 0.19   | 14     |
| 18243          | > 10000 | 15.7   | 34.6   | 2480   | 267    | < 1    | 35     | 34     | 1400   | 0.79   | > 10000 | < 10   | < 10   | < 0.5  | 7      | 0.10   | 95     | 23     | 17.5   | < 10   | < 1    | 0.13   | < 10   |
| 18244          | > 10000 | 39.8   | 9.4    | 5140   | 334    | < 1    | 23     | 33     | 430    | 1.00   | > 10000 | < 10   | < 10   | < 0.5  | 3      | 0.20   | 30     | 27     | 17.3   | < 10   | < 1    | 0.11   | < 10   |
| 18245          | 2140    | 15.8   | 12.4   | 2150   | 519    | 1      | 36     | 31     | 516    | 1.95   | > 10000 | < 10   | 23     | < 0.5  | < 2    | 0.28   | 9      | 67     | 7.28   | < 10   | < 1    | 0.23   | < 10   |
| 18246          | > 10000 | 22.0   | 15.5   | 4350   | 88     | < 1    | 7      | 26     | 558    | 0.13   | > 10000 | < 10   | < 10   | < 0.5  | 18     | 0.01   | 42     | 6      | 19.7   | < 10   | < 1    | 0.03   | < 10   |
| 18247          | 69      | 0.6    | < 0.5  | 214    | 178    | 7      | 14     | 6      | 30     | 1.66   | 2240    | < 10   | 27     | 0.6    | < 2    | 1.12   | 25     | 27     | 6.90   | < 10   | < 1    | 0.31   | 16     |
| 18248          | 277     | 0.5    | < 0.5  | 265    | 290    | 2      | 15     | < 2    | 27     | 2.52   | 850     | < 10   | 26     | 0.8    | < 2    | 1.72   | 41     | 15     | 7.35   | < 10   | < 1    | 0.22   | 19     |
| 18249          | 468     | 0.3    | < 0.5  | 209    | 372    | < 1    | 25     | 3      | 27     | 2.64   | 159     | < 10   | 28     | 1.0    | < 2    | 2.03   | 37     | 36     | 6.91   | 10     | < 1    | 0.11   | 16     |
| 18250          | 668     | 0.5    | < 0.5  | 257    | 293    | < 1    | 28     | < 2    | 26     | 3.47   | 219     | < 10   | 18     | 1.1    | < 2    | 1.77   | 44     | 34     | 7.92   | < 10   | < 1    | 0.09   | 15     |



## Results

| Analyte Symbol | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Unit Symbol    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | g/tonne |
| Lower Limit    | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.02    |
| 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 | FA-GRA  |
| 5080751        | 0.08   | 0.017  | 0.111  | 11.3   | 107    | 5      | 12     | 0.01   | 5      | < 2    | < 10   | 66     | < 10   | < 1    | 12     |         |
| 5080752        | 0.03   | 0.016  | 0.132  | 7.11   | 219    | 2      | 14     | < 0.01 | < 1    | < 2    | < 10   | 53     | < 10   | < 1    | 14     | 28.9    |
| 5080753        | 0.55   | 0.068  | 0.094  | 1.43   | 7      | 3      | 29     | < 0.01 | < 1    | < 2    | < 10   | 46     | 13     | 17     | 10     |         |
| 5080754        | 0.48   | 0.152  | 0.180  | 1.81   | 13     | 12     | 62     | 0.52   | 4      | < 2    | < 10   | 214    | < 10   | 15     | 32     |         |
| 5080755        | 0.68   | 0.122  | 0.202  | 1.86   | 15     | 12     | 62     | 0.41   | 4      | < 2    | < 10   | 187    | < 10   | 12     | 25     |         |
| 5080756        | 1.06   | 0.456  | 0.231  | 1.70   | 5      | 13     | 188    | 0.45   | 4      | < 2    | < 10   | 189    | < 10   | 12     | 20     |         |
| 5080757        | 1.21   | 0.220  | 0.282  | 2.48   | 4      | 8      | 207    | 0.47   | 3      | 2      | < 10   | 166    | < 10   | 10     | 9      |         |
| 5080758        | 0.31   | 0.906  | 0.296  | 2.98   | 3      | 4      | 325    | 0.49   | < 1    | < 2    | < 10   | 90     | < 10   | 14     | 13     |         |
| 5080759        | 1.93   | 0.151  | 0.229  | 3.15   | 2      | 7      | 67     | 0.51   | 9      | < 2    | < 10   | 180    | < 10   | 12     | 11     |         |
| 5080760        | 2.17   | 0.385  | 0.251  | 1.46   | 3      | 8      | 226    | 0.55   | 4      | < 2    | < 10   | 198    | < 10   | 9      | 7      |         |
| 5080729        | 0.90   | 0.709  | 0.268  | 2.50   | 6      | 14     | 184    | 0.52   | 5      | < 2    | < 10   | 208    | < 10   | 15     | 19     |         |
| 5080730        | 0.99   | 0.268  | 0.271  | 3.60   | 7      | 9      | 294    | 0.46   | < 1    | 2      | < 10   | 171    | < 10   | 14     | 23     |         |
| 5080731        | 0.71   | 1.08   | 0.251  | 2.62   | 7      | 14     | 104    | 0.55   | 4      | 3      | < 10   | 222    | < 10   | 14     | 33     |         |
| 5080732        | 1.10   | 0.193  | 0.242  | 3.14   | 8      | 16     | 354    | 0.62   | 6      | < 2    | < 10   | 257    | < 10   | 17     | 31     |         |
| 18241          | 2.12   | 0.097  | 0.194  | 1.69   | 4      | 10     | 22     | 0.06   | < 1    | < 2    | < 10   | 211    | < 10   | 10     | 16     |         |
| 18243          | 0.45   | 0.018  | 0.058  | 7.13   | 158    | 3      | 9      | < 0.01 | < 1    | < 2    | < 10   | 52     | < 10   | 2      | 10     | 12.4    |
| 18244          | 0.69   | 0.025  | 0.070  | 6.98   | 170    | 4      | 9      | < 0.01 | < 1    | < 2    | < 10   | 69     | < 10   | 3      | 10     | 23.6    |
| 18245          | 1.43   | 0.040  | 0.140  | 2.15   | 32     | 8      | 17     | < 0.01 | < 1    | < 2    | < 10   | 140    | < 10   | 7      | 9      |         |
| 18246          | 0.05   | 0.013  | 0.013  | 7.44   | 233    | < 1    | 10     | < 0.01 | < 1    | < 2    | < 10   | 15     | < 10   | < 1    | 9      | 21.9    |
| 18247          | 0.66   | 0.171  | 0.245  | 2.37   | 11     | 14     | 86     | 0.48   | < 1    | < 2    | < 10   | 221    | < 10   | 11     | 24     |         |
| 18248          | 1.26   | 0.298  | 0.277  | 2.63   | 4      | 12     | 186    | 0.51   | 7      | < 2    | < 10   | 243    | < 10   | 15     | 18     |         |
| 18249          | 1.47   | 0.314  | 0.267  | 2.00   | 7      | 16     | 122    | 0.63   | < 1    | < 2    | < 10   | 248    | < 10   | 16     | 19     |         |
| 18250          | 1.28   | 0.843  | 0.263  | 3.27   | 7      | 13     | 137    | 0.52   | < 1    | < 2    | < 10   | 210    | < 10   | 14     | 21     |         |

QC

| Analyte Symbol              | Au       | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      | La     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppb      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | 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 |
| GXR-1 Meas                  |          | 26.7   | 2.4    | 1010   | 728    | 13     | 26     | 596    | 687    | 0.35   | 340    | < 10   | 223    | 0.8    | 1180   | 0.72   | 6      | 5      | 20.3   | < 10   | 6      | 0.03   | < 10   |
| GXR-1 Cert                  |          | 31.0   | 3.30   | 1110   | 852    | 18.0   | 41.0   | 730    | 760    | 3.52   | 427    | 15.0   | 750    | 1.22   | 1380   | 0.960  | 8.20   | 12.0   | 23.6   | 13.8   | 3.90   | 0.050  | 7.50   |
| GXR-1 Meas                  |          | 27.3   | 2.5    | 1030   | 741    | 13     | 25     | 609    | 691    | 0.35   | 349    | < 10   | 239    | 0.8    | 1210   | 0.73   | 4      | 6      | 20.7   | < 10   | 1      | 0.03   | < 10   |
| GXR-1 Cert                  |          | 31.0   | 3.30   | 1110   | 852    | 18.0   | 41.0   | 730    | 760    | 3.52   | 427    | 15.0   | 750    | 1.22   | 1380   | 0.960  | 8.20   | 12.0   | 23.6   | 13.8   | 3.90   | 0.050  | 7.50   |
| GXR-4 Meas                  |          | 3.5    | < 0.5  | 6690   | 154    | 323    | 41     | 45     | 81     | 2.87   | 99     | < 10   | 17     | 1.6    | 14     | 0.94   | 14     | 60     | 3.16   | 10     | < 1    | 1.72   | 49     |
| GXR-4 Cert                  |          | 4.0    | 0.860  | 6520   | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   | 20.0   | 0.110  | 4.01   | 64.5   |
| GXR-4 Meas                  |          | 3.6    | < 0.5  | 6560   | 153    | 322    | 38     | 45     | 78     | 2.85   | 102    | < 10   | 19     | 1.6    | 10     | 0.93   | 13     | 60     | 3.13   | < 10   | < 1    | 1.72   | 49     |
| GXR-4 Cert                  |          | 4.0    | 0.860  | 6520   | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   | 20.0   | 0.110  | 4.01   | 64.5   |
| GXR-6 Meas                  |          | < 0.2  | < 0.5  | 71     | 1080   | 2      | 25     | 97     | 137    | 7.45   | 228    | < 10   | 986    | 1.0    | < 2    | 0.17   | 14     | 90     | 5.66   | 20     | < 1    | 1.12   | 11     |
| GXR-6 Cert                  |          | 1.30   | 1.00   | 66.0   | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   | 35.0   | 0.0680 | 1.87   | 13.9   |
| GXR-6 Meas                  |          | 0.2    | < 0.5  | 71     | 1060   | 1      | 24     | 97     | 137    | 7.38   | 226    | < 10   | 985    | 1.0    | < 2    | 0.17   | 13     | 89     | 5.75   | 20     | 1      | 1.13   | 11     |
| GXR-6 Cert                  |          | 1.30   | 1.00   | 66.0   | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   | 35.0   | 0.0680 | 1.87   | 13.9   |
| SG66 Meas                   | 1030     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   | 1090     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |          | 0.8    | < 0.5  | 2270   | 769    | < 1    | 39     | 58     | 280    | 2.84   | 6      |        | 90     | 0.8    | 4      | 0.42   | 19     | 50     | 5.18   | < 10   |        | 0.45   | 39     |
| OREAS 922 (AQUA REGIA) 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 (AQUA REGIA) Meas |          | 1.4    | < 0.5  | 4380   | 847    | < 1    | 33     | 77     | 360    | 2.86   | 3      |        | 71     | 0.7    | 12     | 0.42   | 23     | 44     | 5.76   | < 10   |        | 0.37   | 35     |
| OREAS 923 (AQUA REGIA) 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 923 (AQUA REGIA) Meas |          | 2.2    | < 0.5  | 4570   | 894    | < 1    | 37     | 83     | 376    | 2.98   | 3      |        | 75     | 0.7    | 13     | 0.44   | 22     | 46     | 6.15   | < 10   |        | 0.39   | 38     |
| OREAS 923 (AQUA REGIA) 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   |
| OXN117 Meas                 |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OXN117 Cert                 |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5560     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080758 Orig                | 90       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080758 Dup                 | 99       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 5080760 Orig                |          | < 0.2  | < 0.5  | 425    | 470    | 5      | 45     | < 2    | 50     | 3.11   | 4      | < 10   | 19     | 0.5    | < 2    | 2.56   | 23     | 66     | 5.12   | 10     | < 1    | 1.03   | 26     |
| 5080760 Dup                 |          | < 0.2  | < 0.5  | 435    | 482    | 5      | 45     | < 2    | 51     | 3.13   | 5      | < 10   | 20     | 0.5    | < 2    | 2.62   | 23     | 67     | 5.22   | 10     | < 1    | 1.04   | 26     |
| 18244 Orig                  | > 10000  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18244 Dup                   | > 10000  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18249 Orig                  | 502      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18249 Dup                   | 433      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 18250 Split Orig            | 668      | 0.5    | < 0.5  | 257    | 293    | < 1    | 28     | < 2    | 26     | 3.47   | 219    | < 10   | 18     | 1.1    | < 2    | 1.77   | 44     | 34     | 7.92   | < 10   | < 1    | 0.09   | 15     |
| 18250 Split                 | 571      | 0.6    | < 0.5  | 250    | 288    | 2      | 27     | < 2    | 26     | 3.40   | 269    | < 10   | 17     | 1.1    | < 2    | 1.77   | 44     | 34     | 7.76   | < 10   | < 1    | 0.09   | 14     |
| 18250 Orig                  |          | 0.4    | < 0.5  | 256    | 292    | < 1    | 26     | < 2    | 26     | 3.45   | 105    | < 10   | 22     | 1.1    | < 2    | 1.80   | 44     | 34     | 7.87   | < 10   | < 1    | 0.09   | 15     |
| 18250 Dup                   |          | 0.7    | < 0.5  | 258    | 293    | 1      | 31     | < 2    | 26     | 3.49   | 333    | < 10   | 15     | 1.1    | < 2    | 1.75   | 45     | 34     | 7.97   | < 10   | < 1    | 0.09   | 15     |
| Method Blank                | < 5      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                | < 5      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                | < 5      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                | 5        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Method Blank                |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

QC

| Analyte Symbol              | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Unit Symbol                 | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | g/tonne |
| Lower Limit                 | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.02    |
| 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 | FA-GRA  |
| GXR-1 Meas                  | 0.12   | 0.047  | 0.037  | 0.17   | 88     | < 1    | 160    | < 0.01 | 10     | < 2    | 28     | 72     | 121    | 21     | 23     |         |
| GXR-1 Cert                  | 0.217  | 0.0520 | 0.0650 | 0.257  | 122    | 1.58   | 275    | 0.036  | 13.0   | 0.390  | 34.9   | 80.0   | 164    | 32.0   | 38.0   |         |
| GXR-1 Meas                  | 0.13   | 0.051  | 0.038  | 0.17   | 82     | < 1    | 164    | < 0.01 | 8      | < 2    | 29     | 73     | 126    | 22     | 23     |         |
| GXR-1 Cert                  | 0.217  | 0.0520 | 0.0650 | 0.257  | 122    | 1.58   | 275    | 0.036  | 13.0   | 0.390  | 34.9   | 80.0   | 164    | 32.0   | 38.0   |         |
| GXR-4 Meas                  | 1.66   | 0.148  | 0.125  | 1.60   | 4      | 7      | 82     | 0.18   | < 1    | < 2    | < 10   | 83     | 15     | 12     | 18     |         |
| GXR-4 Cert                  | 1.66   | 0.564  | 0.120  | 1.77   | 4.80   | 7.70   | 221    | 0.29   | 0.970  | 3.20   | 6.20   | 87.0   | 30.8   | 14.0   | 186    |         |
| GXR-4 Meas                  | 1.64   | 0.146  | 0.124  | 1.60   | 3      | 7      | 81     | 0.18   | 3      | 4      | < 10   | 82     | 16     | 12     | 18     |         |
| GXR-4 Cert                  | 1.66   | 0.564  | 0.120  | 1.77   | 4.80   | 7.70   | 221    | 0.29   | 0.970  | 3.20   | 6.20   | 87.0   | 30.8   | 14.0   | 186    |         |
| GXR-6 Meas                  | 0.41   | 0.088  | 0.035  | 0.02   | < 2    | 22     | 36     |        | < 1    | 3      | < 10   | 181    | < 10   | 5      | 14     |         |
| GXR-6 Cert                  | 0.609  | 0.104  | 0.0350 | 0.0160 | 3.60   | 27.6   | 35.0   |        | 0.0180 | 2.20   | 1.54   | 186    | 1.90   | 14.0   | 110    |         |
| GXR-6 Meas                  | 0.41   | 0.092  | 0.034  | 0.01   | 4      | 22     | 36     |        | < 1    | < 2    | < 10   | 178    | < 10   | 6      | 15     |         |
| GXR-6 Cert                  | 0.609  | 0.104  | 0.0350 | 0.0160 | 3.60   | 27.6   | 35.0   |        | 0.0180 | 2.20   | 1.54   | 186    | 1.90   | 14.0   | 110    |         |
| SG66 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| SG66 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| OREAS 922 (AQUA REGIA) Meas | 1.37   | 0.031  | 0.060  | 0.32   | 4      | 4      | 17     |        |        | < 2    | < 10   | 36     | < 10   | 20     | 11     |         |
| OREAS 922 (AQUA REGIA) Cert | 1.33   | 0.021  | 0.063  | 0.386  | 0.57   | 3.15   | 15.0   |        |        | 0.14   | 1.98   | 29.4   | 1.12   | 16.0   | 22.3   |         |
| OREAS 923 (AQUA REGIA) Meas | 1.45   |        | 0.057  | 0.60   | 2      | 4      | 15     |        |        | < 2    | < 10   | 35     | < 10   | 18     | 13     |         |
| OREAS 923 (AQUA REGIA) Cert | 1.43   |        | 0.061  | 0.684  | 0.58   | 3.09   | 13.6   |        |        | 0.12   | 1.80   | 30.6   | 1.96   | 14.3   | 22.5   |         |
| OREAS 923 (AQUA REGIA) Meas | 1.55   |        | 0.060  | 0.64   | 4      | 4      | 16     |        |        | < 2    | < 10   | 37     | < 10   | 19     | 12     |         |
| OREAS 923 (AQUA REGIA) Cert | 1.43   |        | 0.061  | 0.684  | 0.58   | 3.09   | 13.6   |        |        | 0.12   | 1.80   | 30.6   | 1.96   | 14.3   | 22.5   |         |
| OXN117 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 7.54    |
| OXN117 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 7.679   |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 5.67    |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 5.828   |
| 5080758 Orig                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| 5080758 Dup                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| 5080760 Orig                | 2.15   | 0.380  | 0.241  | 1.45   | 3      | 8      | 226    | 0.51   | 5      | < 2    | < 10   | 196    | < 10   | 9      | 6      |         |
| 5080760 Dup                 | 2.20   | 0.389  | 0.261  | 1.46   | 4      | 8      | 226    | 0.58   | 2      | < 2    | < 10   | 200    | < 10   | 10     | 8      |         |
| 18244 Orig                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| 18244 Dup                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| 18249 Orig                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| 18249 Dup                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| 18250 Split Orig            | 1.28   | 0.843  | 0.263  | 3.27   | 7      | 13     | 137    | 0.52   | < 1    | < 2    | < 10   | 210    | < 10   | 14     | 21     |         |
| 18250 Split                 | 1.25   | 0.833  | 0.254  | 3.23   | 7      | 13     | 135    | 0.50   | 3      | < 2    | < 10   | 206    | < 10   | 14     | 21     |         |
| 18250 Orig                  | 1.27   | 0.838  | 0.265  | 3.29   | 6      | 13     | 137    | 0.54   | < 1    | < 2    | < 10   | 211    | < 10   | 14     | 21     |         |
| 18250 Dup                   | 1.29   | 0.848  | 0.260  | 3.25   | 7      | 13     | 137    | 0.50   | 3      | < 2    | < 10   | 209    | < 10   | 14     | 20     |         |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |
| Method Blank                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | < 0.02  |



Date Submitted: 20-Oct-15
Invoice No.: A15-08885 (i)
Invoice Date: 17-Nov-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

19 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)
Code Sieve Report-Kamloops-Internal Sieve Report
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT A15-08885 (i)

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:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control



## Results

| Analyte Symbol | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn      | Al     | As      | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      | La     |
|----------------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol    | ppb     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | PCT    | ppm     | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | 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 |
| 5080761        | 38      | < 0.2  | < 0.5  | 412    | 258    | 2      | 42     | < 2    | 23      | 2.78   | 51      | 14     | 40     | 0.8    | < 2    | 2.94   | 32     | 56     | 4.52   | < 10   | < 1    | 0.27   | 22     |
| 5080762        | 7       | 0.4    | 9.8    | 238    | 800    | < 1    | 12     | 4      | 1110    | 3.98   | 62      | 15     | 22     | 1.6    | < 2    | 2.98   | 31     | 2      | 5.61   | 10     | < 1    | 0.14   | 20     |
| 5080763        | 12      | 0.4    | < 0.5  | 215    | 647    | 7      | 18     | 4      | 259     | 1.93   | 104     | < 10   | 26     | 0.9    | < 2    | 1.23   | 34     | 18     | 5.79   | < 10   | < 1    | 0.43   | 23     |
| 5080764        | 5       | < 0.2  | < 0.5  | 36     | 764    | 3      | 4      | 6      | 47      | 1.70   | 132     | < 10   | 30     | 1.0    | < 2    | 0.67   | 7      | 9      | 5.62   | 10     | < 1    | 0.20   | 15     |
| 5080765        | 5       | 0.2    | < 0.5  | 149    | 845    | 3      | 10     | 4      | 42      | 1.77   | 814     | < 10   | 15     | 1.3    | < 2    | 0.47   | 22     | 13     | 6.21   | 10     | < 1    | 0.26   | 21     |
| 5080766        | 1290    | 1.9    | 126    | 199    | 703    | 4      | 12     | 24     | > 10000 | 2.18   | 2480    | < 10   | 15     | 1.2    | 3      | 1.38   | 29     | 5      | 7.73   | 10     | < 1    | 0.30   | 18     |
| 5080767        | > 10000 | 6.9    | 4.2    | 300    | 151    | < 1    | 17     | 16     | 224     | 0.10   | > 10000 | < 10   | < 10   | < 0.5  | 13     | 0.30   | 121    | 3      | 18.4   | < 10   | < 1    | 0.03   | < 10   |
| 5080768        | > 10000 | 23.4   | 7.7    | 4250   | 350    | < 1    | 74     | 36     | 379     | 1.47   | > 10000 | < 10   | < 10   | < 0.5  | 3      | 0.18   | 93     | 31     | 14.1   | < 10   | < 1    | 0.15   | < 10   |
| 5080769        | 348     | 0.8    | < 0.5  | 1270   | 1130   | 9      | 10     | 7      | 93      | 1.23   | 704     | < 10   | 38     | < 0.5  | < 2    | 4.91   | 8      | 33     | 5.30   | < 10   | < 1    | 0.12   | 10     |
| 5080770        | 128     | 26.8   | 234    | 225    | 8000   | < 1    | 1      | 1790   | > 10000 | 0.10   | 188     | < 10   | < 10   | < 0.5  | 20     | 11.1   | 3      | 4      | 5.54   | < 10   | 1      | < 0.01 | < 10   |
| 5080771        | 3790    | 67.4   | 1.0    | 1790   | 52     | 9      | 7      | 50     | 107     | 0.12   | > 10000 | < 10   | < 10   | < 0.5  | 35     | 0.03   | 130    | 3      | 18.9   | < 10   | < 1    | 0.07   | < 10   |
| 5080772        | 21      | < 0.2  | 0.6    | 12     | 1230   | < 1    | 16     | 9      | 70      | 0.26   | 131     | < 10   | < 10   | < 0.5  | < 2    | 4.17   | 19     | 5      | 14.0   | < 10   | < 1    | < 0.01 | < 10   |
| 5080773        | 91      | < 0.2  | < 0.5  | 20     | 387    | 3      | 59     | 8      | 26      | 0.99   | 561     | < 10   | < 10   | < 0.5  | < 2    | 1.94   | 65     | 30     | 9.72   | < 10   | < 1    | 0.10   | < 10   |
| 5080774        | 91      | 0.4    | 1.7    | 445    | 391    | 29     | 38     | 16     | 127     | 1.56   | 60      | < 10   | 17     | < 0.5  | < 2    | 0.51   | 21     | 77     | 5.42   | < 10   | < 1    | 0.17   | 11     |
| 5080775        | 972     | 1.8    | 2.2    | 3260   | 1360   | 4      | 28     | 65     | 254     | 1.31   | 58      | < 10   | 96     | < 0.5  | < 2    | 4.35   | 13     | 67     | 7.16   | < 10   | < 1    | 0.12   | < 10   |
| 5080776        | 964     | 1.4    | < 0.5  | 4170   | 1240   | 3      | 17     | 12     | 113     | 0.91   | 13      | < 10   | 48     | < 0.5  | 4      | 4.73   | 11     | 36     | 6.57   | < 10   | < 1    | 0.12   | < 10   |
| 5080777        | 910     | 2.0    | 2.3    | 4220   | 1450   | 5      | 15     | 34     | 143     | 1.08   | 36      | < 10   | 86     | < 0.5  | < 2    | 5.18   | 7      | 25     | 3.89   | < 10   | < 1    | 0.40   | 10     |
| 5080778        | 4610    | 3.6    | 0.8    | 7370   | 776    | 4      | 13     | 12     | 148     | 0.81   | 12      | < 10   | 66     | < 0.5  | < 2    | 0.62   | 12     | 25     | 6.87   | < 10   | < 1    | 0.17   | < 10   |
| 5080779        | 15      | < 0.2  | < 0.5  | 49     | 528    | 1      | 22     | < 2    | 20      | 1.21   | 69      | < 10   | 54     | 0.5    | < 2    | 3.50   | 14     | 27     | 2.96   | < 10   | < 1    | 0.26   | 11     |

Results

| Analyte Symbol | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      | Zn      |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | g/tonne | %       |
| Lower Limit    | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.02    | 0.001   |
| 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 | FA-GRA  | ICP-OES |
| 5080761        | 0.75   | 0.543  | 0.220  | 1.51   | 2      | 5      | 263    | 0.29   | 2      | < 2    | < 10   | 105    | < 10   | 9      | 6      |         |         |
| 5080762        | 1.46   | 0.063  | 0.183  | 1.03   | 3      | 7      | 53     | 0.31   | < 1    | < 2    | < 10   | 190    | < 10   | 8      | 14     |         |         |
| 5080763        | 1.44   | 0.182  | 0.153  | 2.91   | 3      | 12     | 244    | 0.29   | 1      | < 2    | < 10   | 200    | < 10   | 11     | 11     |         |         |
| 5080764        | 1.49   | 0.103  | 0.166  | 1.62   | 2      | 9      | 52     | 0.34   | 4      | < 2    | < 10   | 197    | < 10   | 7      | 10     |         |         |
| 5080765        | 2.34   | 0.122  | 0.134  | 4.69   | 3      | 17     | 51     | 0.34   | 2      | < 2    | < 10   | 254    | < 10   | 9      | 10     |         |         |
| 5080766        | 1.23   | 0.113  | 0.227  | 4.55   | 3      | 12     | 171    | 0.19   | 3      | < 2    | < 10   | 232    | 13     | 10     | 9      |         | 1.56    |
| 5080767        | 0.15   | 0.011  | 0.006  | 7.88   | 301    | < 1    | 94     | < 0.01 | 2      | < 2    | < 10   | 6      | < 10   | 2      | 9      | 16.1    |         |
| 5080768        | 1.04   | 0.027  | 0.090  | 7.94   | 108    | 4      | 17     | < 0.01 | < 1    | < 2    | < 10   | 82     | < 10   | 4      | 10     | 15.5    |         |
| 5080769        | 0.97   | 0.093  | 0.101  | 0.56   | 7      | 12     | 60     | 0.14   | 1      | < 2    | < 10   | 134    | < 10   | 16     | 12     |         |         |
| 5080770        | 1.20   | 0.018  | 0.008  | 2.79   | 31     | < 1    | 70     | < 0.01 | 10     | < 2    | < 10   | 8      | 34     | 10     | 2      |         | 2.40    |
| 5080771        | 0.01   | 0.011  | 0.006  | 5.60   | 173    | < 1    | 4      | < 0.01 | 330    | < 2    | < 10   | 7      | 406    | < 1    | 8      |         |         |
| 5080772        | 0.18   | 0.010  | 0.014  | 7.66   | 12     | 2      | 30     | < 0.01 | < 1    | < 2    | < 10   | 18     | < 10   | 4      | 6      |         |         |
| 5080773        | 1.08   | 0.091  | 0.083  | 9.20   | 7      | 7      | 49     | 0.26   | 4      | < 2    | < 10   | 129    | < 10   | 8      | 15     |         |         |
| 5080774        | 1.02   | 0.101  | 0.151  | 2.25   | 4      | 15     | 38     | 0.14   | < 1    | < 2    | < 10   | 173    | < 10   | 11     | 14     |         |         |
| 5080775        | 1.52   | 0.102  | 0.083  | 0.21   | 6      | 12     | 61     | 0.22   | < 1    | < 2    | < 10   | 159    | < 10   | 10     | 22     |         |         |
| 5080776        | 0.75   | 0.069  | 0.078  | 0.29   | 6      | 10     | 51     | 0.04   | < 1    | < 2    | < 10   | 151    | < 10   | 11     | 8      |         |         |
| 5080777        | 0.59   | 0.086  | 0.075  | 0.12   | 5      | 5      | 57     | 0.07   | < 1    | < 2    | < 10   | 55     | < 10   | 18     | 6      |         |         |
| 5080778        | 1.02   | 0.087  | 0.059  | 0.23   | 4      | 6      | 25     | 0.23   | < 1    | < 2    | < 10   | 113    | < 10   | 7      | 16     |         |         |
| 5080779        | 0.44   | 0.123  | 0.118  | 0.95   | 3      | 12     | 74     | < 0.01 | 2      | < 2    | < 10   | 97     | < 10   | 14     | 4      |         |         |

QC

| Analyte Symbol                | Au      | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      | La     |
|-------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                   | ppb     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | 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 |
| GXR-1 Meas                    |         | 27.0   | 2.1    | 1050   | 741    | 13     | 34     | 585    | 675    | 0.36   | 342    | < 10   | 120    | 0.8    | 1310   | 0.71   | 4      | 6      | 21.4   | < 10   | < 1    | 0.03   | < 10   |
| GXR-1 Cert                    |         | 31.0   | 3.30   | 1110   | 852    | 18.0   | 41.0   | 730    | 760    | 3.52   | 427    | 15.0   | 750    | 1.22   | 1380   | 0.960  | 8.20   | 12.0   | 23.6   | 13.8   | 3.90   | 0.050  | 7.50   |
| GXR-4 Meas                    |         | 3.4    | < 0.5  | 6210   | 142    | 296    | 35     | 40     | 73     | 2.60   | 101    | < 10   | 54     | 1.4    | 12     | 0.85   | 13     | 55     | 2.86   | < 10   | < 1    | 1.59   | 44     |
| GXR-4 Cert                    |         | 4.0    | 0.860  | 6520   | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   | 20.0   | 0.110  | 4.01   | 64.5   |
| GXR-4 Meas                    |         | 3.6    | < 0.5  | 6310   | 149    | 315    | 39     | 43     | 75     | 2.82   | 98     | < 10   | 25     | 1.5    | 19     | 0.90   | 14     | 58     | 3.11   | < 10   | < 1    | 1.73   | 45     |
| GXR-4 Cert                    |         | 4.0    | 0.860  | 6520   | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   | 20.0   | 0.110  | 4.01   | 64.5   |
| GXR-4 Meas                    |         | 3.5    | < 0.5  | 6330   | 154    | 320    | 39     | 42     | 75     | 2.83   | 105    | < 10   | 27     | 1.5    | 31     | 0.90   | 13     | 59     | 3.08   | < 10   | 1      | 1.69   | 46     |
| GXR-4 Cert                    |         | 4.0    | 0.860  | 6520   | 155    | 310    | 42.0   | 52.0   | 73.0   | 7.20   | 98.0   | 4.50   | 1640   | 1.90   | 19.0   | 1.01   | 14.6   | 64.0   | 3.09   | 20.0   | 0.110  | 4.01   | 64.5   |
| GXR-6 Meas                    |         | 0.2    | < 0.5  | 60     | 916    | 1      | 20     | 83     | 120    | 6.17   | 218    | < 10   | 832    | 0.9    | < 2    | 0.14   | 11     | 76     | 4.81   | 10     | < 1    | 0.93   | < 10   |
| GXR-6 Cert                    |         | 1.30   | 1.00   | 66.0   | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   | 35.0   | 0.0680 | 1.87   | 13.9   |
| GXR-6 Meas                    |         | 0.2    | < 0.5  | 70     | 1040   | 2      | 24     | 95     | 126    | 7.13   | 208    | < 10   | 964    | 0.9    | < 2    | 0.15   | 13     | 86     | 5.75   | 10     | 3      | 1.16   | < 10   |
| GXR-6 Cert                    |         | 1.30   | 1.00   | 66.0   | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   | 35.0   | 0.0680 | 1.87   | 13.9   |
| GXR-6 Meas                    |         | 0.3    | < 0.5  | 66     | 1060   | 1      | 23     | 95     | 128    | 6.93   | 215    | < 10   | 958    | 0.9    | < 2    | 0.15   | 13     | 86     | 5.64   | 20     | < 1    | 1.09   | < 10   |
| GXR-6 Cert                    |         | 1.30   | 1.00   | 66.0   | 1010   | 2.40   | 27.0   | 101    | 118    | 17.7   | 330    | 9.80   | 1300   | 1.40   | 0.290  | 0.180  | 13.8   | 96.0   | 5.58   | 35.0   | 0.0680 | 1.87   | 13.9   |
| GBW 07239 (NCS DC 70007) Meas |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| GBW 07239 (NCS DC 70007) Cert |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| GBW 07238 (NCS DC 70006) Meas |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| GBW 07238 (NCS DC 70006) Cert |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| MP-1b Meas                    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| MP-1b Cert                    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Meas                   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CCU-1d Cert                   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Meas                    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| CZN-4 Cert                    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Meas                   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxP 91 Cert                   |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxQ90 Meas                    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxQ90 Cert                    |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                     | 803     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                     | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                     | 809     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                     | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                     | 824     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                     | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                     | 816     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                     | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                     | 825     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                     | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                     | 810     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                     | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                     | 826     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                     | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                     | 809     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                     | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Meas                     | 802     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                     | 835.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

| Analyte Symbol              | Au       | Ag     | Cd     | Cu     | Mn     | Mo     | Ni     | Pb     | Zn     | Al     | As     | B      | Ba     | Be     | Bi     | Ca     | Co     | Cr     | Fe     | Ga     | Hg     | K      | La     |
|-----------------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol                 | ppb      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | ppm    | ppm    | PCT    | 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 |
| SF67 Meas                   | 794      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SF67 Cert                   | 835.000  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Meas                   | 1070     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SG66 Cert                   | 1090     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Meas                   | 583      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| SE68 Cert                   | 599      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OREAS 922 (AQUA REGIA) Meas |          | 0.7    | < 0.5  | 2040   | 707    | < 1    | 31     | 52     | 266    | 2.57   | 5      |        | 82     | 0.7    | 4      | 0.38   | 18     | 44     | 4.70   | < 10   |        | 0.39   | 36     |
| OREAS 922 (AQUA REGIA) 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 922 (AQUA REGIA) Meas |          | 0.7    | < 0.5  | 2180   | 778    | < 1    | 37     | 60     | 276    | 2.91   | 3      |        | 97     | 0.8    | 5      | 0.42   | 19     | 49     | 5.29   | < 10   |        | 0.47   | 40     |
| OREAS 922 (AQUA REGIA) 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 922 (AQUA REGIA) Meas |          | 0.8    | < 0.5  | 2230   | 789    | < 1    | 39     | 58     | 278    | 2.91   | 7      |        | 89     | 0.8    | 2      | 0.42   | 19     | 50     | 5.29   | < 10   |        | 0.44   | 40     |
| OREAS 922 (AQUA REGIA) 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 (AQUA REGIA) Meas |          | 1.8    | < 0.5  | 4340   | 879    | < 1    | 33     | 82     | 353    | 2.89   | < 2    |        | 75     | 0.7    | 12     | 0.42   | 22     | 45     | 6.03   | < 10   |        | 0.39   | 36     |
| OREAS 923 (AQUA REGIA) 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 923 (AQUA REGIA) Meas |          | 1.5    | < 0.5  | 4120   | 842    | < 1    | 34     | 81     | 341    | 2.76   | 4      |        | 70     | 0.6    | 17     | 0.40   | 20     | 43     | 5.70   | < 10   |        | 0.35   | 35     |
| OREAS 923 (AQUA REGIA) 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   |
| PTC-1b Meas                 |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PTC-1b Cert                 |          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5600     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5540     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5800     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5540     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5570     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5740     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5650     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5740     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Meas                 | 5610     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| OxL118 Cert                 | 5828.000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |





| Analyte Symbol                | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      | Zn      |
|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol                   | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | g/tonne | %       |
| Lower Limit                   | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.02    | 0.001   |
| 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 | FA-GRA  | ICP-OES |
| GBW 07239 (NCS DC 70007) Meas |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 0.022   |
| GBW 07239 (NCS DC 70007) Cert |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 0.012   |
| GBW 07238 (NCS DC 70006) Meas |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 0.014   |
| GBW 07238 (NCS DC 70006) Cert |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 0.00655 |
| MP-1b Meas                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 16.2    |
| MP-1b Cert                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 16.67   |
| CCU-1d Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 2.63    |
| CCU-1d Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 2.63    |
| CZN-4 Meas                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 55.2    |
| CZN-4 Cert                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 55.07   |
| OxP 91 Meas                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 14.6    |         |
| OxP 91 Cert                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 14.82   |         |
| OxQ90 Meas                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 24.1    |         |
| OxQ90 Cert                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 24.88   |         |
| SF67 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SF67 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SG66 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SE68 Meas                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| SE68 Cert                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OREAS 922 (AQUA REGIA) Meas   | 1.28   | 0.026  | 0.057  | 0.30   | 3      | 3      | 15     |        |        | < 2    | < 10   | 33     | < 10   | 18     | 44     |         |         |
| OREAS 922 (AQUA REGIA) Cert   | 1.33   | 0.021  | 0.063  | 0.386  | 0.57   | 3.15   | 15.0   |        |        | 0.14   | 1.98   | 29.4   | 1.12   | 16.0   | 22.3   |         |         |
| OREAS 922 (AQUA REGIA) Meas   | 1.43   | 0.035  | 0.062  | 0.34   | 2      | 4      | 18     |        |        | < 2    | < 10   | 37     | < 10   | 20     | 29     |         |         |
| OREAS 922 (AQUA REGIA) Cert   | 1.33   | 0.021  | 0.063  | 0.386  | 0.57   | 3.15   | 15.0   |        |        | 0.14   | 1.98   | 29.4   | 1.12   | 16.0   | 22.3   |         |         |

| Analyte Symbol              | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      | Zn      |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol                 | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | g/tonne | %       |
| Lower Limit                 | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.02    | 0.001   |
| 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 | FA-GRA  | ICP-OES |
| OREAS 922 (AQUA REGIA) Meas | 1.40   | 0.030  | 0.064  | 0.34   | 3      | 4      | 17     |        |        | < 2    | < 10   | 36     | < 10   | 20     | 36     |         |         |
| OREAS 922 (AQUA REGIA) Cert | 1.33   | 0.021  | 0.063  | 0.386  | 0.57   | 3.15   | 15.0   |        |        | 0.14   | 1.98   | 29.4   | 1.12   | 16.0   | 22.3   |         |         |
| OREAS 923 (AQUA REGIA) Meas | 1.51   |        | 0.059  | 0.62   | 3      | 4      | 15     |        |        | < 2    | < 10   | 36     | < 10   | 18     | 43     |         |         |
| OREAS 923 (AQUA REGIA) Cert | 1.43   |        | 0.061  | 0.684  | 0.58   | 3.09   | 13.6   |        |        | 0.12   | 1.80   | 30.6   | 1.96   | 14.3   | 22.5   |         |         |
| OREAS 923 (AQUA REGIA) Meas | 1.40   |        | 0.056  | 0.57   | < 2    | 4      | 14     |        |        | < 2    | < 10   | 33     | < 10   | 18     | 37     |         |         |
| OREAS 923 (AQUA REGIA) Cert | 1.43   |        | 0.061  | 0.684  | 0.58   | 3.09   | 13.6   |        |        | 0.12   | 1.80   | 30.6   | 1.96   | 14.3   | 22.5   |         |         |
| PTC-1b Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 0.215   |
| PTC-1b Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | 0.2083  |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Meas                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| OxL118 Cert                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |

| Analyte Symbol | Mg     | Na     | P      | S      | Sb     | Sc     | Sr     | Ti     | Te     | Tl     | U      | V      | W      | Y      | Zr     | Au      | Zn      |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol    | PCT    | PCT    | PCT    | PCT    | ppm    | ppm    | ppm    | PCT    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | g/tonne | %       |
| Lower Limit    | 0.01   | 0.001  | 0.001  | 0.01   | 2      | 1      | 1      | 0.01   | 1      | 2      | 10     | 1      | 10     | 1      | 1      | 0.02    | 0.001   |
| 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 | FA-GRA  | ICP-OES |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | < 0.02  |         |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |
| Method Blank   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |         | < 0.001 |

15i: Actlabs 2016 Rock Sample Analytical Certificates



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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 Plus Appendix Pages  
 Finalized Date: 9-JUL-2016  
 Account: SKERES

**CERTIFICATE KL16102315**

Project: Spectrum  
 P.O. No.: SP-R16-01  
 This report is for 100 Rock samples submitted to our lab in Kamloops, BC, Canada on 27-JUN-2016.  
 The following have access to data associated with this certificate:

|                              |                               |                             |
|------------------------------|-------------------------------|-----------------------------|
| PAUL BAXTER<br>COLIN RUSSELL | MIKE CATHRO<br>JACQUES STACEY | RAEGAN MARKEL<br>JOHN TYLER |
|------------------------------|-------------------------------|-----------------------------|

| SAMPLE PREPARATION |                                |
|--------------------|--------------------------------|
| ALS CODE           | DESCRIPTION                    |
| WEI-21             | Received Sample Weight         |
| LOG-22             | Sample login - Rcd w/o BarCode |
| CRU-QC             | Crushing QC Test               |
| PUL-QC             | Pulverizing QC Test            |
| CRU-32             | Fine Crushing 90% <2mm         |
| SPL-21             | Split sample - riffle splitter |
| PUL-35a            | Pulv 1 kg split to 95%<106 um  |
| BAG-01             | Bulk Master for Storage        |

| ANALYTICAL PROCEDURES |                                |            |
|-----------------------|--------------------------------|------------|
| ALS CODE              | DESCRIPTION                    | INSTRUMENT |
| Au-GRA22              | Au 50 g FA-GRAV finish         | WST-SIM    |
| ME-ICP41              | 35 Element Aqua Regia ICP-AES  | ICP-AES    |
| Zn-AA62               | Ore grade Zn - four acid / AAS | AAS        |
| Au-AA24               | Au 50g FA AA finish            | AAS        |

To: SKEENA RESOURCES  
 ATTN: COLIN RUSSELL  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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

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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102315**

| Sample Description | Method Analyte Units LOR | WEI-21       | Au-AA24 | Au-GRA22 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|--------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    |                          | Recvd Wt. kg | Au g/t  | Au g/t   | Ag ppm   | Al %     | As ppm   | B ppm    | Ba ppm   | Be ppm   | Bi ppm   | Ca %     | Cd ppm   | Co ppm   | Cr ppm   | Cu ppm   |
| S792301            |                          | 0.02         | 0.005   | 0.05     | 0.2      | 0.01     | 2        | 10       | 10       | 0.5      | 2        | 0.01     | 0.5      | 1        | 1        | 1        |
| S792302            |                          | 1.52         | 0.063   |          | 0.3      | 0.95     | 2        | <10      | 180      | <0.5     | <2       | 4.31     | 0.7      | 9        | 116      | 370      |
| S792303            |                          | 0.87         | 0.061   |          | 0.3      | 1.38     | 15       | <10      | 100      | <0.5     | <2       | 0.25     | 0.7      | 11       | 37       | 384      |
| S792304            |                          | 1.11         | 0.081   |          | <0.2     | 2.11     | 4        | 10       | 100      | <0.5     | <2       | 3.90     | <0.5     | 15       | 100      | 133      |
| S792305            |                          | 1.29         | 0.038   |          | <0.2     | 1.20     | 16       | 10       | 290      | <0.5     | 2        | 4.53     | 0.6      | 19       | 41       | 126      |
| S792306            |                          | 1.15         | 0.008   |          | <0.2     | 1.16     | 4        | <10      | 110      | <0.5     | 2        | 3.20     | <0.5     | 10       | 35       | 213      |
| S792307            |                          | 1.18         | 0.006   |          | <0.2     | 1.43     | 3        | <10      | 90       | <0.5     | <2       | 4.09     | <0.5     | 13       | 88       | 212      |
| S792308            |                          | 1.26         | <0.005  |          | <0.2     | 1.98     | 2        | <10      | 60       | <0.5     | <2       | 3.79     | <0.5     | 13       | 103      | 13       |
| S792309            |                          | 2.67         | 1.740   |          | 5.2      | 1.10     | <2       | <10      | 100      | <0.5     | 2        | 3.38     | 0.8      | 14       | 37       | 3840     |
| S792310            |                          | 1.30         | 0.321   |          | 1.4      | 1.20     | <2       | <10      | 80       | <0.5     | <2       | 2.12     | 2.0      | 17       | 82       | 1140     |
| S792311            |                          | 1.59         | 0.020   |          | 1.1      | 2.21     | 21       | <10      | 80       | 0.5      | <2       | 1.05     | 0.5      | 27       | 16       | 648      |
| S792312            |                          | 2.21         | 0.109   |          | 1.0      | 1.78     | 3        | <10      | 100      | <0.5     | <2       | 2.46     | 2.1      | 21       | 39       | 606      |
| S792313            |                          | 2.16         | 0.036   |          | 0.7      | 1.41     | 3        | <10      | 70       | <0.5     | <2       | 3.63     | 1.8      | 17       | 66       | 415      |
| S792314            |                          | 2.64         | <0.005  |          | <0.2     | 1.55     | 2        | <10      | 60       | <0.5     | <2       | 3.67     | <0.5     | 8        | 25       | 102      |
| S792315            |                          | 1.91         | <0.005  |          | <0.2     | 1.62     | 3        | <10      | 30       | <0.5     | <2       | 4.91     | 0.5      | 4        | 37       | 31       |
| S792316            |                          | 1.58         | <0.005  |          | <0.2     | 2.25     | 16       | <10      | 240      | <0.5     | <2       | 8.0      | 0.5      | 12       | 14       | 8        |
| S792317            |                          | 2.95         | 0.655   |          | 0.4      | 1.21     | 73       | <10      | 70       | <0.5     | 2        | 0.63     | <0.5     | 7        | 4        | 105      |
| S792318            |                          | 1.57         | 0.332   |          | 0.4      | 1.48     | 12       | <10      | 30       | <0.5     | <2       | 1.09     | <0.5     | 16       | 13       | 148      |
| S792319            |                          | 2.21         | 0.008   |          | 0.2      | 2.09     | 6        | <10      | 20       | 0.9      | <2       | 1.08     | <0.5     | 84       | 21       | 287      |
| S792320            |                          | 1.78         | 0.006   |          | <0.2     | 5.08     | 35       | 10       | 30       | 1.0      | <2       | 3.07     | <0.5     | 28       | 28       | 243      |
| S792321            |                          | 1.97         | 0.011   |          | 0.4      | 1.26     | 20       | <10      | 30       | 0.5      | <2       | 0.53     | <0.5     | 18       | 6        | 261      |
| S792322            |                          | 2.28         | 0.005   |          | 0.4      | 1.67     | 26       | <10      | 10       | <0.5     | <2       | 0.87     | <0.5     | 21       | 53       | 474      |
| S792323            |                          | 2.54         | 0.006   |          | 0.3      | 1.01     | 28       | <10      | 30       | <0.5     | <2       | 0.82     | <0.5     | 6        | 23       | 205      |
| S792324            |                          | 2.70         | 0.016   |          | 0.3      | 1.20     | 19       | <10      | 10       | <0.5     | <2       | 1.06     | <0.5     | 12       | 21       | 382      |
| S792325            |                          | 2.12         | 0.014   |          | 0.2      | 1.82     | 54       | <10      | 30       | 0.7      | <2       | 1.30     | <0.5     | 15       | 6        | 243      |
| S792326            |                          | 2.31         | 0.021   |          | 0.6      | 2.30     | 19       | <10      | 20       | 0.8      | 2        | 1.12     | 4.6      | 22       | 13       | 300      |
| S792327            |                          | 2.42         | 0.041   |          | 0.3      | 2.50     | 61       | 10       | 20       | 1.0      | <2       | 1.64     | <0.5     | 17       | 13       | 207      |
| S792328            |                          | 1.96         | 0.008   |          | 0.3      | 1.53     | 69       | <10      | 50       | 0.6      | 2        | 0.80     | 0.5      | 17       | 20       | 189      |
| S792329            |                          | 2.26         | 0.005   |          | 0.3      | 2.32     | 14       | <10      | 30       | 0.7      | <2       | 1.09     | 0.5      | 17       | 4        | 292      |
| S792330            |                          | 0.97         | 0.010   |          | 0.2      | 2.49     | 14       | <10      | 30       | 0.8      | <2       | 1.57     | <0.5     | 24       | 8        | 290      |
| S792331            |                          | 1.83         | 0.048   |          | 0.2      | 2.48     | 23       | 10       | 20       | 1.0      | <2       | 1.68     | <0.5     | 24       | 4        | 276      |
| S792332            |                          | 1.23         | 0.071   |          | 0.3      | 1.57     | 14       | <10      | 30       | 0.6      | <2       | 0.69     | <0.5     | 14       | 10       | 275      |
| S792333            |                          | 1.04         | 0.070   |          | 0.2      | 1.09     | 21       | <10      | 40       | 0.7      | <2       | 3.01     | 0.8      | 5        | 4        | 24       |
| S792334            |                          | 1.13         | 0.034   |          | 0.2      | 1.11     | 35       | <10      | 20       | 0.7      | <2       | 4.16     | 1.6      | 8        | 6        | 77       |
| S792335            |                          | 1.66         | 0.007   |          | <0.2     | 1.61     | 48       | <10      | 60       | 0.7      | <2       | 1.70     | <0.5     | 12       | 23       | 58       |
| S792336            |                          | 0.97         | 0.010   |          | 0.3      | 0.97     | 11       | <10      | 50       | 0.6      | <2       | 0.10     | <0.5     | 1        | 2        | 63       |
| S792337            |                          | 1.27         | <0.005  |          | <0.2     | 1.70     | 8        | <10      | 60       | 0.8      | <2       | 4.45     | <0.5     | 11       | 3        | 208      |
| S792338            |                          | 2.43         | 0.017   |          | 0.4      | 1.91     | 22       | <10      | 40       | 0.7      | 2        | 0.54     | <0.5     | 11       | 22       | 188      |
| S792339            |                          | 1.41         | <0.005  |          | 0.3      | 1.78     | 14       | <10      | 50       | <0.5     | <2       | 0.58     | <0.5     | 17       | 5        | 575      |
| S792340            |                          | 1.58         | 0.006   |          | 0.3      | 1.99     | 23       | <10      | 30       | 0.9      | <2       | 0.69     | <0.5     | 15       | 3        | 351      |
| S792340            |                          | 1.98         | 0.006   |          | 0.2      | 1.18     | 17       | <10      | 70       | <0.5     | <2       | 0.41     | <0.5     | 20       | 5        | 333      |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102315**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |        |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    |                          | Fe %     | Ga ppm   | Hg ppm   | K %      | La ppm   | Mg %     | Mn ppm   | Mo ppm   | Na %     | Ni ppm   | P ppm    | Pb ppm   | S %      | Sb ppm   | Sc ppm |
| S792301            |                          | 3.95     | 10       | <1       | 0.12     | 10       | 0.80     | 1280     | 4        | 0.06     | 45       | 970      | 7        | 0.10     | <2       | 13     |
| S792302            |                          | 4.29     | 10       | <1       | 0.20     | 10       | 0.98     | 343      | 13       | 0.07     | 20       | 1170     | 17       | 1.75     | 2        | 9      |
| S792303            |                          | 5.92     | 10       | <1       | 0.07     | 10       | 2.38     | 736      | 1        | 0.06     | 47       | 1040     | 2        | 2.88     | 2        | 20     |
| S792304            |                          | 8.28     | 10       | <1       | 0.02     | <10      | 1.42     | 598      | 3        | 0.03     | 69       | 600      | 6        | 0.21     | 4        | 7      |
| S792305            |                          | 3.82     | 10       | <1       | 0.07     | 10       | 1.16     | 558      | 1        | 0.07     | 24       | 1380     | 4        | 0.11     | <2       | 9      |
| S792306            |                          | 4.10     | 10       | <1       | 0.10     | 10       | 1.43     | 954      | 1        | 0.07     | 46       | 910      | 8        | 0.08     | 2        | 12     |
| S792307            |                          | 4.51     | 10       | <1       | 0.13     | 10       | 1.99     | 640      | 1        | 0.08     | 48       | 1040     | 2        | 0.51     | 3        | 14     |
| S792308            |                          | 6.10     | 10       | <1       | 0.08     | 10       | 1.13     | 1410     | 3        | 0.09     | 19       | 1030     | 17       | 0.15     | 2        | 11     |
| S792309            |                          | 5.65     | 10       | <1       | 0.20     | 10       | 1.65     | 807      | 4        | 0.06     | 46       | 1020     | 15       | 0.16     | 2        | 9      |
| S792310            |                          | 7.00     | 10       | 1        | 0.75     | 20       | 2.28     | 536      | 1        | 0.13     | 18       | 2860     | 6        | 3.18     | 29       | 12     |
| S792311            |                          | 5.37     | 10       | <1       | 0.17     | 10       | 1.73     | 916      | 2        | 0.14     | 24       | 1240     | 16       | 0.14     | <2       | 11     |
| S792312            |                          | 4.98     | 10       | <1       | 0.14     | 10       | 1.31     | 944      | 5        | 0.11     | 36       | 1040     | 15       | 0.16     | <2       | 12     |
| S792313            |                          | 3.60     | 10       | <1       | 0.07     | 10       | 1.78     | 519      | 1        | 0.07     | 18       | 1140     | 8        | 0.03     | 2        | 9      |
| S792314            |                          | 5.84     | 10       | <1       | 0.04     | 10       | 2.07     | 996      | 1        | 0.06     | 23       | 1340     | 5        | 0.02     | 2        | 13     |
| S792315            |                          | 2.78     | 10       | <1       | 0.02     | 10       | 2.13     | 906      | 1        | 0.01     | 13       | 1080     | 2        | 0.12     | <2       | 10     |
| S792316            |                          | 4.40     | 10       | <1       | 0.09     | 30       | 0.55     | 182      | 1        | 0.07     | 5        | 2030     | 4        | 1.24     | 4        | 5      |
| S792317            |                          | 4.70     | 10       | <1       | 0.09     | 10       | 0.57     | 162      | 1        | 0.14     | 8        | 3160     | 5        | 1.78     | 3        | 13     |
| S792318            |                          | 5.43     | 10       | <1       | 0.24     | 20       | 1.35     | 297      | 3        | 0.10     | 33       | 2780     | 6        | 2.53     | <2       | 21     |
| S792319            |                          | 5.90     | 10       | 1        | 0.37     | 10       | 1.27     | 343      | 2        | 0.78     | 30       | 2850     | 4        | 3.71     | <2       | 5      |
| S792320            |                          | 6.16     | 10       | <1       | 0.15     | 10       | 0.55     | 441      | 10       | 0.03     | 5        | 2310     | 19       | 2.07     | 11       | 15     |
| S792321            |                          | 8.98     | 10       | <1       | 0.05     | 10       | 0.76     | 264      | 5        | 0.14     | 18       | 2510     | 3        | 4.52     | 2        | 16     |
| S792322            |                          | 5.75     | 10       | <1       | 0.08     | 10       | 0.42     | 139      | 11       | 0.12     | 15       | 2320     | 3        | 2.01     | 6        | 6      |
| S792323            |                          | 5.74     | 10       | <1       | 0.05     | 10       | 0.38     | 163      | 4        | 0.12     | 26       | 2600     | 4        | 3.28     | 2        | 4      |
| S792324            |                          | 4.05     | 10       | <1       | 0.16     | 20       | 0.47     | 309      | 12       | 0.22     | 7        | 2840     | 6        | 2.07     | 6        | 8      |
| S792325            |                          | 7.16     | 10       | <1       | 0.26     | 10       | 0.70     | 305      | 9        | 0.14     | 9        | 2440     | 198      | 4.22     | 4        | 11     |
| S792326            |                          | 4.24     | 10       | <1       | 0.25     | 10       | 0.66     | 279      | 1        | 0.26     | 5        | 2480     | 9        | 2.25     | <2       | 5      |
| S792327            |                          | 4.54     | 10       | 1        | 0.29     | 20       | 0.87     | 359      | 3        | 0.09     | 8        | 2610     | 15       | 1.50     | 5        | 13     |
| S792328            |                          | 5.09     | 10       | <1       | 0.50     | 20       | 1.09     | 613      | 141      | 0.07     | 5        | 2460     | 11       | 2.10     | 6        | 11     |
| S792329            |                          | 5.59     | 10       | <1       | 0.39     | 20       | 1.66     | 499      | 1        | 0.19     | 11       | 3360     | 5        | 2.91     | <2       | 8      |
| S792330            |                          | 5.26     | 10       | <1       | 0.37     | 20       | 1.49     | 382      | 3        | 0.17     | 9        | 3230     | 2        | 2.80     | 2        | 7      |
| S792331            |                          | 4.39     | 10       | <1       | 0.19     | 20       | 1.37     | 406      | 5        | 0.06     | 7        | 2420     | 7        | 1.33     | 5        | 10     |
| S792332            |                          | 2.37     | 10       | <1       | 0.12     | 30       | 0.50     | 939      | 1        | 0.05     | 3        | 1770     | 14       | 0.05     | 15       | 5      |
| S792333            |                          | 3.06     | 10       | <1       | 0.10     | 30       | 0.62     | 1205     | <1       | 0.06     | 6        | 1630     | 13       | 0.70     | 21       | 6      |
| S792334            |                          | 3.42     | 10       | <1       | 0.39     | 30       | 0.83     | 656      | 2        | 0.05     | 12       | 1740     | 6        | 0.14     | 7        | 9      |
| S792335            |                          | 3.91     | 10       | <1       | 0.18     | 10       | 0.74     | 179      | 10       | 0.08     | 1        | 1250     | 8        | 0.78     | <2       | 2      |
| S792336            |                          | 3.52     | 10       | <1       | 0.34     | 30       | 1.12     | 1460     | 5        | 0.08     | 4        | 1930     | 2        | 1.32     | <2       | 6      |
| S792337            |                          | 6.85     | 10       | <1       | 0.14     | 10       | 1.69     | 678      | 10       | 0.04     | 8        | 2630     | 8        | 2.01     | <2       | 13     |
| S792338            |                          | 7.41     | 10       | <1       | 0.19     | 20       | 0.97     | 280      | 2        | 0.05     | 7        | 2640     | 4        | 3.81     | 2        | 8      |
| S792339            |                          | 4.82     | 10       | <1       | 0.21     | 20       | 1.40     | 386      | 7        | 0.06     | 4        | 3040     | 9        | 1.76     | 5        | 8      |
| S792340            |                          | 6.06     | 10       | <1       | 0.18     | 10       | 0.66     | 190      | 6        | 0.06     | 5        | 2420     | 6        | 2.75     | 3        | 5      |





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

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**CERTIFICATE OF ANALYSIS KL16102315**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Zn-AA62    |
|--------------------|--------------------------|----------|-----------|-----------|-----------|----------|----------|----------|----------|------------|
|                    |                          | Sr ppm 1 | Th ppm 20 | Ti % 0.01 | Ti ppm 10 | U ppm 10 | V ppm 1  | W ppm 10 | Zn ppm 2 | Zn % 0.001 |
| S792301            |                          | 67       | <20       | 0.04      | <10       | <10      | 155      | <10      | 99       |            |
| S792302            |                          | 24       | <20       | 0.06      | <10       | <10      | 123      | <10      | 62       |            |
| S792303            |                          | 87       | <20       | 0.18      | <10       | <10      | 180      | <10      | 49       |            |
| S792304            |                          | 113      | <20       | 0.05      | <10       | <10      | 107      | <10      | 42       |            |
| S792305            |                          | 52       | <20       | 0.02      | <10       | <10      | 133      | <10      | 40       |            |
| S792306            |                          | 65       | <20       | 0.06      | <10       | <10      | 139      | <10      | 65       |            |
| S792307            |                          | 62       | <20       | 0.07      | <10       | <10      | 157      | <10      | 32       |            |
| S792308            |                          | 89       | <20       | 0.11      | <10       | <10      | 152      | <10      | 128      |            |
| S792309            |                          | 46       | <20       | 0.19      | <10       | <10      | 145      | <10      | 315      |            |
| S792310            |                          | 76       | <20       | 0.24      | <10       | <10      | 191      | <10      | 61       |            |
| S792311            |                          | 75       | <20       | 0.22      | <10       | <10      | 177      | <10      | 359      |            |
| S792312            |                          | 65       | <20       | 0.20      | <10       | <10      | 146      | <10      | 197      |            |
| S792313            |                          | 50       | <20       | 0.05      | <10       | <10      | 99       | <10      | 45       |            |
| S792314            |                          | 66       | <20       | 0.18      | <10       | <10      | 152      | <10      | 85       |            |
| S792315            |                          | 46       | <20       | 0.10      | <10       | <10      | 85       | <10      | 51       |            |
| S792316            |                          | 40       | <20       | 0.26      | <10       | <10      | 148      | <10      | 18       |            |
| S792317            |                          | 95       | <20       | 0.25      | <10       | <10      | 164      | <10      | 16       |            |
| S792318            |                          | 114      | <20       | 0.25      | <10       | <10      | 233      | <10      | 26       |            |
| S792319            |                          | 635      | <20       | 0.25      | <10       | <10      | 117      | <10      | 29       |            |
| S792320            |                          | 27       | <20       | 0.20      | <10       | <10      | 201      | <10      | 26       |            |
| S792321            |                          | 59       | <20       | 0.18      | <10       | <10      | 112      | <10      | 15       |            |
| S792322            |                          | 84       | <20       | 0.22      | <10       | <10      | 104      | <10      | 13       |            |
| S792323            |                          | 63       | <20       | 0.16      | <10       | <10      | 69       | <10      | 19       |            |
| S792324            |                          | 99       | <20       | 0.15      | <10       | <10      | 130      | <10      | 22       |            |
| S792325            |                          | 72       | <20       | 0.22      | <10       | <10      | 165      | <10      | 520      |            |
| S792326            |                          | 159      | <20       | 0.22      | <10       | <10      | 110      | <10      | 34       |            |
| S792327            |                          | 39       | <20       | 0.20      | <10       | <10      | 196      | <10      | 53       |            |
| S792328            |                          | 48       | <20       | 0.23      | <10       | <10      | 183      | <10      | 70       |            |
| S792329            |                          | 147      | <20       | 0.29      | <10       | <10      | 223      | <10      | 42       |            |
| S792330            |                          | 97       | <20       | 0.26      | 10        | <10      | 172      | <10      | 37       |            |
| S792331            |                          | 25       | <20       | 0.26      | <10       | <10      | 177      | <10      | 24       |            |
| S792332            |                          | 46       | <20       | 0.16      | <10       | <10      | 129      | <10      | 131      |            |
| S792333            |                          | 57       | <20       | 0.16      | <10       | <10      | 132      | <10      | 121      |            |
| S792334            |                          | 44       | <20       | 0.07      | <10       | <10      | 155      | <10      | 56       |            |
| S792335            |                          | 34       | <20       | 0.02      | <10       | <10      | 93       | <10      | 32       |            |
| S792336            |                          | 91       | <20       | 0.11      | <10       | <10      | 138      | <10      | 66       |            |
| S792337            |                          | 34       | <20       | 0.09      | <10       | <10      | 215      | <10      | 52       |            |
| S792338            |                          | 44       | <20       | 0.09      | <10       | <10      | 194      | <10      | 22       |            |
| S792339            |                          | 40       | <20       | 0.12      | <10       | <10      | 213      | <10      | 41       |            |
| S792340            |                          | 36       | <20       | 0.03      | <10       | <10      | 164      | <10      | 22       |            |



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

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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102315**

| Sample Description | Method Analyte Units LOR | WEI-21       | Au-AA24 | Au-GRA22 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|--------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    |                          | Recvd Wt. kg | Au g/t  | Au g/t   | Ag ppm   | Al %     | As ppm   | B ppm    | Ba ppm   | Be ppm   | Bi ppm   | Ca %     | Cd ppm   | Co ppm   | Cr ppm   | Cu ppm   |
| S792341            |                          | 2.34         | 4.56    |          | 9.1      | 1.16     | 41       | <10      | 50       | <0.5     | 4        | 0.17     | <0.5     | 34       | 3        | 877      |
| S792342            |                          | 1.66         | 0.011   |          | 0.4      | 2.06     | 20       | <10      | 40       | 1.0      | <2       | 1.75     | <0.5     | 23       | 28       | 472      |
| S792343            |                          | 1.17         | 0.023   |          | 0.7      | 2.04     | 102      | <10      | 40       | 0.8      | 3        | 0.74     | <0.5     | 22       | 4        | 416      |
| S792344            |                          | 1.77         | 0.017   |          | 0.3      | 1.88     | 20       | <10      | 40       | 1.4      | <2       | 2.06     | <0.5     | 9        | 2        | 266      |
| S792345            |                          | 2.01         | 0.049   |          | 0.8      | 3.07     | 37       | <10      | 90       | 1.0      | <2       | 3.06     | 0.5      | 26       | 5        | 774      |
| S792346            |                          | 1.81         | 0.010   |          | 0.2      | 2.95     | 10       | <10      | 50       | 1.5      | 2        | 2.67     | <0.5     | 10       | 4        | 240      |
| S792347            |                          | 1.35         | 0.006   |          | 0.2      | 2.45     | 16       | <10      | 170      | 1.2      | <2       | 2.28     | <0.5     | 12       | 4        | 285      |
| S792348            |                          | 2.16         | 0.017   |          | 0.7      | 3.47     | 21       | <10      | 10       | 1.0      | <2       | 3.03     | <0.5     | 16       | 3        | 573      |
| S792349            |                          | 1.75         | 0.010   |          | 0.2      | 2.85     | 6        | <10      | 50       | 1.3      | 2        | 3.19     | <0.5     | 15       | 4        | 182      |
| S792350            |                          | 1.48         | 0.256   |          | 1.5      | 1.39     | 82       | <10      | 20       | 0.8      | <2       | 13.2     | 1.2      | 9        | 2        | 1985     |
| S792351            |                          | 1.46         | 1.415   |          | 2.0      | 0.39     | 5450     | <10      | 10       | <0.5     | 4        | 8.7      | 179.5    | 12       | 4        | 124      |
| S792352            |                          | 1.77         | 1.685   |          | 3.8      | 1.07     | 76       | <10      | 10       | <0.5     | 7        | 0.23     | <0.5     | 57       | 3        | 463      |
| S792353            |                          | 1.67         | 2.41    |          | 0.9      | 0.51     | 401      | <10      | 20       | <0.5     | 8        | 13.3     | 33.1     | 6        | 3        | 26       |
| S792354            |                          | 1.90         | 0.328   |          | 0.4      | 3.87     | 66       | <10      | 30       | 1.1      | 3        | 1.49     | <0.5     | 50       | 7        | 273      |
| S792355            |                          | 2.10         | 0.101   |          | 0.4      | 1.66     | 83       | <10      | 50       | 0.5      | 2        | 1.04     | <0.5     | 24       | 20       | 192      |
| S792356            |                          | 2.33         | 0.335   |          | 0.6      | 2.31     | 76       | <10      | 50       | 0.7      | 3        | 1.36     | <0.5     | 26       | 27       | 177      |
| S792357            |                          | 2.27         | 0.251   |          | 0.4      | 2.82     | 53       | <10      | 30       | 0.7      | 4        | 1.07     | <0.5     | 38       | 21       | 228      |
| S792358            |                          | 2.50         | 0.378   |          | 0.3      | 2.72     | 31       | <10      | 20       | 0.7      | 2        | 1.11     | <0.5     | 27       | 25       | 185      |
| S792359            |                          | 1.70         | 3.75    |          | 0.4      | 3.16     | 22       | <10      | 30       | 0.9      | 4        | 1.78     | <0.5     | 20       | 30       | 144      |
| S792360            |                          | 1.99         | 0.477   |          | 0.6      | 2.41     | 57       | <10      | 90       | 0.5      | 3        | 0.71     | <0.5     | 34       | 34       | 232      |
| S792361            |                          | 1.87         | 0.736   |          | 1.6      | 3.13     | 31       | <10      | 40       | 0.8      | <2       | 2.57     | 5.8      | 20       | 17       | 320      |
| S792362            |                          | 0.92         | 0.031   |          | 10.6     | 0.05     | 26       | <10      | 10       | <0.5     | 5        | 19.5     | 486      | <1       | 2        | 270      |
| S792363            |                          | 2.05         | 0.027   |          | 0.5      | 2.33     | 89       | 10       | 60       | <0.5     | <2       | 8.5      | 0.5      | 12       | 12       | 3        |
| S792364            |                          | 4.47         | 0.060   |          | 7.9      | 0.40     | 84       | <10      | 30       | <0.5     | <2       | 14.8     | 0.9      | 5        | 7        | 175      |
| S792365            |                          | 1.99         | 0.253   |          | 0.9      | 1.08     | 2        | <10      | 230      | <0.5     | <2       | 4.73     | 1.5      | 9        | 106      | 902      |
| S792366            |                          | 2.85         | 0.052   |          | 0.2      | 1.50     | 3        | <10      | 120      | <0.5     | <2       | 0.43     | <0.5     | 11       | 112      | 113      |
| S792367            |                          | 2.20         | 0.076   |          | <0.2     | 2.12     | 4        | <10      | 60       | <0.5     | <2       | 0.58     | <0.5     | 16       | 92       | 129      |
| S792368            |                          | 3.10         | <0.005  |          | 0.2      | 2.13     | 7        | <10      | 70       | 0.5      | <2       | 3.28     | <0.5     | 13       | 25       | 425      |
| S792369            |                          | 1.89         | 0.774   |          | 2.2      | 0.98     | 55       | <10      | 50       | <0.5     | <2       | 5.25     | 1.6      | 19       | 15       | 988      |
| S792370            |                          | 2.40         | 0.158   |          | 2.5      | 1.33     | 138      | <10      | 350      | <0.5     | <2       | 6.40     | 0.5      | 7        | 69       | 539      |
| S792371            |                          | 2.45         | 0.017   |          | 0.3      | 1.61     | 4        | <10      | 50       | 0.5      | <2       | 2.81     | <0.5     | 14       | 20       | 631      |
| S792372            |                          | 3.07         | 0.202   |          | 1.1      | 1.11     | 3        | <10      | 660      | <0.5     | <2       | 4.05     | 3.3      | 17       | 19       | 1650     |
| S792373            |                          | 1.20         | 0.258   |          | 0.4      | 1.49     | 7        | <10      | 20       | <0.5     | <2       | 0.71     | <0.5     | 30       | 7        | 469      |
| S792374            |                          | 1.52         | >10.0   | 15.45    | 25.4     | 0.21     | >10000   | <10      | 10       | <0.5     | 29       | 0.23     | 3.0      | 25       | 5        | 753      |
| S792375            |                          | 2.35         | 0.270   |          | 0.4      | 1.10     | 92       | <10      | 180      | <0.5     | <2       | 5.18     | 1.0      | 14       | 19       | 1270     |
| S792376            |                          | 1.18         | 0.085   |          | 0.3      | 0.37     | 188      | <10      | 250      | <0.5     | <2       | 19.3     | 2.8      | 4        | 5        | 487      |
| S792377            |                          | 2.22         | 0.009   |          | 0.2      | 1.82     | 6        | <10      | 230      | <0.5     | <2       | 6.21     | 1.9      | 12       | 18       | 278      |
| S792378            |                          | 1.67         | 0.008   |          | 0.2      | 1.59     | 10       | <10      | 360      | <0.5     | <2       | 12.8     | 2.9      | 12       | 6        | 183      |
| S792379            |                          | 3.24         | 0.019   |          | 0.2      | 1.51     | 2        | <10      | 80       | <0.5     | <2       | 4.16     | 1.0      | 13       | 26       | 423      |
| S792380            |                          | 2.59         | 0.985   |          | 1.7      | 1.78     | 4        | <10      | 200      | 0.5      | <2       | 3.53     | 1.9      | 14       | 30       | 1200     |



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

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**CERTIFICATE OF ANALYSIS KL16102315**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |        |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    |                          | Fe %     | Ga ppm   | Hg ppm   | K %      | La ppm   | Mg %     | Mn ppm   | Mo ppm   | Na %     | Ni ppm   | P ppm    | Pb ppm   | S %      | Sb ppm   | Sc ppm |
| S792341            |                          | 15.65    | 10       | <1       | 0.16     | 10       | 0.45     | 190      | 47       | 0.07     | 13       | 1660     | 5        | 6.83     | <2       | 7      |
| S792342            |                          | 4.76     | 10       | <1       | 0.17     | 10       | 0.89     | 585      | 1        | 0.16     | 35       | 3310     | 6        | 2.38     | 2        | 6      |
| S792343            |                          | 6.85     | 10       | <1       | 0.28     | 10       | 1.47     | 411      | 38       | 0.05     | 13       | 2720     | 7        | 3.38     | 7        | 11     |
| S792344            |                          | 1.60     | 10       | <1       | 0.09     | 20       | 0.32     | 237      | 15       | 0.36     | 6        | 2410     | 5        | 1.11     | <2       | 1      |
| S792345            |                          | 3.72     | 10       | <1       | 0.12     | 20       | 0.55     | 314      | 4        | 0.34     | 17       | 3230     | 5        | 2.90     | 3        | 3      |
| S792346            |                          | 4.09     | 10       | <1       | 0.21     | 20       | 1.04     | 1390     | 5        | 0.10     | 7        | 3010     | 3        | 0.38     | 2        | 7      |
| S792347            |                          | 3.01     | 10       | <1       | 0.23     | 20       | 1.24     | 802      | 1        | 0.15     | 6        | 2920     | 2        | 1.15     | <2       | 4      |
| S792348            |                          | 3.18     | 10       | <1       | 0.07     | 40       | 0.40     | 317      | 3        | 0.42     | 6        | 2870     | 5        | 2.13     | <2       | 2      |
| S792349            |                          | 4.75     | 10       | <1       | 0.29     | 20       | 1.29     | 1815     | 1        | 0.11     | 8        | 2910     | <2       | 0.57     | <2       | 8      |
| S792350            |                          | 4.50     | <10      | <1       | 0.17     | 20       | 0.73     | 2730     | 1        | 0.01     | 4        | 880      | 4        | 1.10     | 7        | 5      |
| S792351            |                          | 5.04     | <10      | <1       | 0.22     | 10       | 0.37     | 4500     | <1       | <0.01    | 3        | 710      | 106      | 4.71     | 13       | 1      |
| S792352            |                          | 25.0     | 10       | <1       | 0.15     | 10       | 0.18     | 641      | 40       | <0.01    | 18       | 790      | 32       | >10.0    | 19       | 5      |
| S792353            |                          | 3.83     | <10      | <1       | 0.21     | 20       | 0.55     | 4870     | <1       | <0.01    | 3        | 770      | 106      | 3.02     | 41       | 2      |
| S792354            |                          | 9.00     | 10       | <1       | 0.09     | 10       | 1.09     | 237      | 1        | 0.81     | 22       | 3010     | 4        | 4.56     | 4        | 9      |
| S792355            |                          | 5.98     | 10       | <1       | 0.15     | 10       | 0.65     | 171      | 6        | 0.16     | 13       | 2710     | 9        | 2.16     | 3        | 10     |
| S792356            |                          | 5.77     | 10       | <1       | 0.10     | 10       | 0.84     | 195      | 2        | 0.36     | 18       | 2950     | 5        | 2.42     | 5        | 11     |
| S792357            |                          | 7.54     | 10       | <1       | 0.09     | 10       | 1.50     | 286      | 6        | 0.45     | 15       | 3000     | 3        | 3.07     | 2        | 14     |
| S792358            |                          | 5.55     | 10       | <1       | 0.11     | 10       | 1.23     | 248      | 2        | 0.63     | 16       | 2940     | 2        | 1.95     | 2        | 14     |
| S792359            |                          | 4.47     | 10       | <1       | 0.11     | 10       | 1.20     | 293      | 1        | 0.81     | 17       | 3060     | 2        | 1.48     | 2        | 13     |
| S792360            |                          | 8.52     | 10       | <1       | 0.15     | <10      | 1.71     | 272      | 4        | 0.04     | 21       | 2850     | 2        | 3.41     | 5        | 15     |
| S792361            |                          | 4.13     | 10       | <1       | 0.04     | 20       | 1.20     | 395      | 2        | 0.48     | 27       | 2610     | 5        | 1.70     | 17       | 11     |
| S792362            |                          | 5.75     | <10      | 3        | <0.01    | 10       | 0.17     | 19150    | <1       | <0.01    | <1       | 60       | 2180     | 1.77     | 7        | <1     |
| S792363            |                          | 5.30     | <10      | <1       | 0.09     | <10      | 2.25     | 3640     | 1        | <0.01    | 6        | 1210     | 5        | 1.81     | 22       | 7      |
| S792364            |                          | 6.18     | <10      | <1       | 0.12     | 10       | 2.68     | 8960     | <1       | 0.01     | 10       | 430      | 12       | 2.62     | 35       | 5      |
| S792365            |                          | 4.08     | 10       | <1       | 0.08     | 10       | 1.19     | 1465     | 5        | 0.07     | 48       | 1040     | 20       | 0.23     | <2       | 16     |
| S792366            |                          | 4.93     | 10       | <1       | 0.07     | <10      | 1.83     | 389      | 6        | 0.07     | 47       | 1030     | 6        | 1.65     | <2       | 11     |
| S792367            |                          | 6.02     | 10       | <1       | 0.13     | <10      | 2.36     | 427      | 9        | 0.10     | 38       | 1540     | 7        | 2.80     | <2       | 14     |
| S792368            |                          | 4.57     | 10       | <1       | 0.23     | 10       | 1.90     | 659      | 1        | 0.10     | 16       | 2630     | 2        | 0.22     | <2       | 12     |
| S792369            |                          | 6.76     | <10      | <1       | 0.12     | <10      | 0.45     | 1960     | 14       | <0.01    | 30       | 410      | 28       | 4.46     | 25       | 4      |
| S792370            |                          | 4.48     | 10       | <1       | 0.07     | <10      | 2.37     | 2990     | 2        | 0.08     | 36       | 840      | 15       | 0.79     | 22       | 11     |
| S792371            |                          | 5.74     | 10       | <1       | 0.07     | 10       | 2.15     | 845      | 2        | 0.06     | 11       | 1310     | 8        | 0.04     | <2       | 13     |
| S792372            |                          | 8.01     | 10       | <1       | 0.10     | 10       | 1.51     | 1095     | 2        | 0.04     | 12       | 1140     | 59       | 0.09     | 2        | 13     |
| S792373            |                          | 6.24     | 10       | <1       | 0.15     | 10       | 1.40     | 332      | 6        | 0.04     | 12       | 1970     | 2        | 1.78     | <2       | 11     |
| S792374            |                          | 19.80    | <10      | <1       | 0.13     | <10      | 0.06     | 307      | 1        | <0.01    | 7        | 420      | 192      | >10.0    | 3310     | 1      |
| S792375            |                          | 4.85     | 10       | 1        | 0.14     | 10       | 0.68     | 1365     | 4        | 0.05     | 11       | 1220     | 12       | 0.08     | 7        | 12     |
| S792376            |                          | 2.48     | <10      | <1       | 0.01     | 10       | 0.53     | 2500     | 1        | 0.01     | 1        | 240      | 19       | 0.09     | 9        | 4      |
| S792377            |                          | 3.60     | 10       | <1       | 0.09     | 10       | 1.53     | 1050     | 2        | 0.13     | 9        | 1220     | 14       | 0.02     | <2       | 14     |
| S792378            |                          | 2.74     | <10      | 1        | 0.08     | <10      | 1.22     | 1215     | 2        | 0.09     | 4        | 680      | 16       | 0.04     | <2       | 7      |
| S792379            |                          | 4.65     | 10       | 1        | 0.12     | 10       | 1.48     | 828      | 2        | 0.06     | 14       | 1150     | 14       | 0.02     | <2       | 10     |
| S792380            |                          | 5.19     | 10       | <1       | 0.10     | 10       | 1.70     | 1115     | 9        | 0.16     | 24       | 1080     | 13       | 0.07     | <2       | 11     |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16102315**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
|                    |                          | Sr       | Th       | Ti       | Ti       | U        | V        | W        | ME-ICP41 | Zn      |
|                    |                          | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | %       |
|                    |                          | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 0.001   |
| S792341            |                          | 48       | <20      | 0.16     | <10      | <10      | 150      | <10      | 24       |         |
| S792342            |                          | 200      | <20      | 0.20     | <10      | <10      | 110      | <10      | 49       |         |
| S792343            |                          | 45       | <20      | 0.18     | <10      | <10      | 206      | <10      | 34       |         |
| S792344            |                          | 363      | <20      | 0.19     | <10      | <10      | 67       | <10      | 28       |         |
| S792345            |                          | 372      | <20      | 0.23     | <10      | <10      | 81       | <10      | 53       |         |
| S792346            |                          | 118      | <20      | 0.22     | <10      | <10      | 192      | <10      | 111      |         |
| S792347            |                          | 132      | <20      | 0.23     | <10      | <10      | 156      | <10      | 64       |         |
| S792348            |                          | 445      | <20      | 0.17     | <10      | <10      | 65       | <10      | 43       |         |
| S792349            |                          | 112      | <20      | 0.25     | <10      | <10      | 194      | <10      | 217      |         |
| S792350            |                          | 224      | <20      | <0.01    | <10      | <10      | 58       | <10      | 164      |         |
| S792351            |                          | 149      | <20      | <0.01    | <10      | <10      | 10       | <10      | >10000   | 1.650   |
| S792352            |                          | 8        | <20      | <0.01    | <10      | <10      | 142      | <10      | 140      |         |
| S792353            |                          | 156      | <20      | <0.01    | <10      | <10      | 11       | <10      | 3110     |         |
| S792354            |                          | 187      | <20      | 0.31     | <10      | <10      | 177      | <10      | 24       |         |
| S792355            |                          | 87       | <20      | 0.28     | <10      | <10      | 171      | <10      | 27       |         |
| S792356            |                          | 136      | <20      | 0.32     | <10      | <10      | 181      | <10      | 21       |         |
| S792357            |                          | 71       | <20      | 0.32     | <10      | <10      | 209      | <10      | 22       |         |
| S792358            |                          | 72       | <20      | 0.35     | <10      | <10      | 208      | <10      | 20       |         |
| S792359            |                          | 149      | <20      | 0.34     | <10      | <10      | 192      | <10      | 19       |         |
| S792360            |                          | 33       | <20      | 0.35     | <10      | <10      | 232      | <10      | 41       |         |
| S792361            |                          | 189      | <20      | 0.23     | <10      | <10      | 125      | <10      | 379      |         |
| S792362            |                          | 139      | <20      | <0.01    | <10      | <10      | 2        | <10      | >10000   | 4.65    |
| S792363            |                          | 155      | <20      | 0.10     | <10      | <10      | 75       | <10      | 77       |         |
| S792364            |                          | 157      | <20      | <0.01    | <10      | <10      | 21       | <10      | 115      |         |
| S792365            |                          | 74       | <20      | 0.14     | <10      | <10      | 199      | <10      | 144      |         |
| S792366            |                          | 22       | <20      | 0.21     | <10      | <10      | 131      | <10      | 63       |         |
| S792367            |                          | 34       | <20      | 0.21     | <10      | <10      | 166      | <10      | 57       |         |
| S792368            |                          | 76       | <20      | 0.10     | <10      | <10      | 150      | <10      | 44       |         |
| S792369            |                          | 81       | <20      | <0.01    | <10      | <10      | 39       | <10      | 141      |         |
| S792370            |                          | 167      | <20      | 0.11     | <10      | <10      | 126      | <10      | 132      |         |
| S792371            |                          | 77       | <20      | 0.18     | <10      | <10      | 173      | <10      | 106      |         |
| S792372            |                          | 82       | <20      | 0.17     | <10      | <10      | 176      | <10      | 459      |         |
| S792373            |                          | 21       | <20      | 0.19     | <10      | <10      | 176      | <10      | 32       |         |
| S792374            |                          | 4        | <20      | <0.01    | <10      | <10      | 8        | <10      | 342      |         |
| S792375            |                          | 87       | <20      | 0.04     | <10      | <10      | 130      | <10      | 177      |         |
| S792376            |                          | 130      | <20      | 0.04     | <10      | <10      | 41       | <10      | 40       |         |
| S792377            |                          | 124      | <20      | 0.16     | <10      | <10      | 134      | <10      | 184      |         |
| S792378            |                          | 303      | <20      | 0.10     | <10      | <10      | 78       | <10      | 270      |         |
| S792379            |                          | 53       | <20      | 0.06     | <10      | <10      | 129      | <10      | 122      |         |
| S792380            |                          | 82       | <20      | 0.14     | <10      | <10      | 146      | <10      | 321      |         |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16102315**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | Au-GRA22 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm |
|--------------------|--------------------------|---------------------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|
| S792381            |                          | 0.02                | 0.005          | 0.05            | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               |
| S792382            |                          | 3.08                | 0.411          |                 | 0.5             | 1.16          | 979             | <10            | 50              | <0.5            | 2               | 0.87          | <0.5            | 10              | 4               | 96              |
| S792383            |                          | 1.42                | 1.725          |                 | 0.9             | 0.96          | 41              | <10            | 50              | <0.5            | <2              | 0.52          | <0.5            | 13              | 4               | 145             |
| S792384            |                          | 2.84                | 0.008          |                 | <0.2            | 1.49          | 13              | <10            | 30              | 0.5             | <2              | 0.88          | <0.5            | 20              | 53              | 173             |
| S792385            |                          | 3.19                | 0.017          |                 | 0.4             | 1.52          | 28              | <10            | 20              | <0.5            | <2              | 0.79          | <0.5            | 15              | 86              | 318             |
| S792386            |                          | 2.82                | 0.012          |                 | 0.3             | 1.50          | 23              | <10            | 30              | <0.5            | <2              | 0.87          | <0.5            | 10              | 73              | 184             |
| S792387            |                          | 2.70                | 0.008          |                 | 0.2             | 1.70          | 16              | <10            | 40              | 0.5             | <2              | 1.02          | <0.5            | 14              | 55              | 182             |
| S792388            |                          | 1.56                | <0.005         |                 | 0.2             | 1.46          | 23              | <10            | 20              | <0.5            | <2              | 0.87          | <0.5            | 8               | 41              | 170             |
| S792389            |                          | 3.40                | 0.007          |                 | 0.3             | 1.61          | 26              | <10            | 10              | <0.5            | <2              | 1.00          | <0.5            | 11              | 39              | 199             |
| S792390            |                          | 2.72                | 0.011          |                 | 0.2             | 1.13          | 52              | <10            | 50              | <0.5            | <2              | 0.54          | <0.5            | 4               | 44              | 145             |
| S792391            |                          | 3.21                | 0.039          |                 | 0.4             | 1.19          | 48              | <10            | 40              | <0.5            | 2               | 0.64          | <0.5            | 9               | 37              | 308             |
| S792392            |                          | 2.67                | 0.530          |                 | 0.4             | 1.40          | 39              | <10            | 50              | <0.5            | <2              | 0.93          | <0.5            | 16              | 27              | 319             |
| S792393            |                          | 2.53                | 0.013          |                 | 0.3             | 1.82          | 33              | <10            | 30              | 0.7             | 2               | 1.28          | <0.5            | 10              | 4               | 290             |
| S792394            |                          | 2.23                | 0.009          |                 | <0.2            | 2.32          | 11              | <10            | 30              | 1.3             | <2              | 1.75          | <0.5            | 8               | 3               | 72              |
| S792395            |                          | 1.47                | 0.012          |                 | <0.2            | 1.64          | 19              | <10            | 30              | 0.9             | <2              | 1.22          | <0.5            | 10              | 3               | 126             |
| S792396            |                          | 1.82                | 0.009          |                 | 0.2             | 2.33          | 58              | <10            | 10              | 1.3             | <2              | 9.0           | <0.5            | 21              | 8               | 160             |
| S792397            |                          | 2.53                | 0.010          |                 | 0.2             | 2.17          | 36              | <10            | 20              | 0.9             | <2              | 1.31          | <0.5            | 16              | 6               | 169             |
| S792398            |                          | 2.86                | 0.010          |                 | <0.2            | 2.70          | 19              | 10             | 30              | 1.0             | <2              | 1.53          | <0.5            | 18              | 3               | 212             |
| S792399            |                          | 3.11                | 0.017          |                 | 0.2             | 2.50          | 22              | <10            | 30              | 1.0             | 2               | 1.21          | <0.5            | 17              | 6               | 361             |
| S792400            |                          | 2.14                | 0.120          |                 | 0.3             | 1.17          | 15              | <10            | 30              | <0.5            | <2              | 0.60          | <0.5            | 12              | 13              | 244             |
|                    |                          | 2.11                | 0.080          |                 | 0.3             | 1.20          | 120             | <10            | 40              | <0.5            | <2              | 0.71          | <0.5            | 8               | 15              | 223             |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16102315**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |        |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    |                          | Fe %     | Ga ppm   | Hg ppm   | K %      | La ppm   | Mg %     | Mn ppm   | Mo ppm   | Na %     | Ni ppm   | P ppm    | Pb ppm   | S %      | Sb ppm   | Sc ppm |
| S792381            |                          | 3.72     | 10       | <1       | 0.11     | 30       | 0.70     | 262      | 3        | 0.08     | 4        | 2110     | 100      | 0.91     | 13       | 4      |
| S792382            |                          | 6.34     | 10       | <1       | 0.07     | 20       | 0.41     | 138      | 7        | 0.08     | 4        | 2020     | 7        | 2.31     | 7        | 4      |
| S792383            |                          | 4.79     | 10       | <1       | 0.21     | 10       | 1.03     | 290      | 5        | 0.09     | 14       | 2900     | 5        | 1.10     | <2       | 23     |
| S792384            |                          | 7.89     | 10       | <1       | 0.09     | 10       | 0.51     | 149      | 4        | 0.17     | 11       | 2430     | 3        | 2.60     | 2        | 14     |
| S792385            |                          | 6.47     | 10       | <1       | 0.11     | 10       | 0.66     | 173      | 17       | 0.14     | 9        | 2560     | 3        | 1.40     | 2        | 13     |
| S792386            |                          | 6.01     | 10       | <1       | 0.30     | 10       | 0.95     | 193      | 7        | 0.10     | 9        | 3000     | 4        | 1.76     | <2       | 18     |
| S792387            |                          | 7.24     | 10       | <1       | 0.08     | 10       | 0.45     | 155      | 8        | 0.11     | 12       | 2440     | 3        | 2.78     | <2       | 10     |
| S792388            |                          | 7.16     | 10       | <1       | 0.07     | 10       | 0.54     | 153      | 9        | 0.14     | 11       | 2460     | <2       | 2.49     | <2       | 8      |
| S792389            |                          | 4.15     | 10       | <1       | 0.14     | 10       | 0.46     | 169      | 7        | 0.08     | 12       | 2200     | 5        | 0.90     | 3        | 7      |
| S792390            |                          | 5.65     | 10       | <1       | 0.09     | 10       | 0.45     | 180      | 9        | 0.10     | 12       | 2300     | 4        | 1.65     | 4        | 7      |
| S792391            |                          | 4.65     | 10       | <1       | 0.18     | 20       | 0.50     | 182      | 13       | 0.14     | 13       | 2460     | 9        | 2.08     | 3        | 8      |
| S792392            |                          | 4.46     | 10       | <1       | 0.13     | 20       | 0.52     | 237      | 8        | 0.22     | 5        | 2980     | 5        | 2.28     | 2        | 6      |
| S792393            |                          | 3.02     | 10       | <1       | 0.26     | 30       | 0.98     | 552      | 1        | 0.19     | 5        | 1980     | 7        | 0.56     | <2       | 3      |
| S792394            |                          | 3.25     | 10       | <1       | 0.14     | 30       | 0.58     | 438      | 1        | 0.15     | 4        | 1940     | 9        | 1.45     | <2       | 3      |
| S792395            |                          | 4.22     | 10       | <1       | 0.15     | 20       | 0.99     | 1360     | 2        | 0.15     | 7        | 2330     | 12       | 2.14     | 8        | 7      |
| S792396            |                          | 4.21     | 10       | <1       | 0.20     | 20       | 1.16     | 440      | 7        | 0.16     | 5        | 2410     | 7        | 1.38     | <2       | 5      |
| S792397            |                          | 4.26     | 10       | <1       | 0.29     | 20       | 1.01     | 488      | 2        | 0.30     | 5        | 2600     | 7        | 1.82     | 2        | 5      |
| S792398            |                          | 4.73     | 10       | <1       | 0.43     | 20       | 1.74     | 407      | 9        | 0.17     | 7        | 2710     | 4        | 1.71     | 10       | 12     |
| S792399            |                          | 4.94     | 10       | <1       | 0.09     | 10       | 0.88     | 285      | 6        | 0.06     | 8        | 2630     | 7        | 1.15     | 4        | 12     |
| S792400            |                          | 5.92     | 10       | <1       | 0.15     | 10       | 0.76     | 396      | 4        | 0.05     | 6        | 2760     | 9        | 1.22     | 23       | 11     |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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 Finalized Date: 9-JUL-2016  
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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102315**

| Sample Description | Method Analyte Units LOR | ME-ICP41 Sr ppm | ME-ICP41 Th ppm | ME-ICP41 Ti % | ME-ICP41 Tl ppm | ME-ICP41 U ppm | ME-ICP41 V ppm | ME-ICP41 W ppm | ME-ICP41 Zn ppm | Zn-AA62 Zn % |
|--------------------|--------------------------|-----------------|-----------------|---------------|-----------------|----------------|----------------|----------------|-----------------|--------------|
| S792381            |                          | 53              | <20             | 0.16          | <10             | <10            | 133            | <10            | 176             |              |
| S792382            |                          | 20              | <20             | 0.28          | <10             | <10            | 175            | <10            | 15              |              |
| S792383            |                          | 66              | <20             | 0.28          | <10             | <10            | 237            | <10            | 36              |              |
| S792384            |                          | 97              | <20             | 0.23          | <10             | <10            | 138            | <10            | 17              |              |
| S792385            |                          | 125             | <20             | 0.27          | <10             | <10            | 140            | <10            | 16              |              |
| S792386            |                          | 88              | <20             | 0.33          | <10             | <10            | 227            | <10            | 17              |              |
| S792387            |                          | 90              | <20             | 0.21          | <10             | <10            | 112            | <10            | 9               |              |
| S792388            |                          | 110             | <20             | 0.20          | <10             | <10            | 104            | <10            | 10              |              |
| S792389            |                          | 66              | <20             | 0.21          | <10             | <10            | 142            | <10            | 20              |              |
| S792390            |                          | 56              | <20             | 0.19          | <10             | <10            | 123            | <10            | 17              |              |
| S792391            |                          | 84              | <20             | 0.21          | <10             | <10            | 135            | <10            | 27              |              |
| S792392            |                          | 114             | <20             | 0.16          | <10             | <10            | 122            | <10            | 25              |              |
| S792393            |                          | 181             | <20             | 0.25          | <10             | <10            | 159            | <10            | 45              |              |
| S792394            |                          | 143             | <20             | 0.14          | <10             | <10            | 91             | <10            | 42              |              |
| S792395            |                          | 246             | <20             | 0.18          | <10             | <10            | 139            | <10            | 65              |              |
| S792396            |                          | 179             | <20             | 0.20          | <10             | <10            | 134            | <10            | 40              |              |
| S792397            |                          | 195             | <20             | 0.21          | <10             | <10            | 136            | <10            | 40              |              |
| S792398            |                          | 214             | <20             | 0.34          | <10             | <10            | 235            | <10            | 34              |              |
| S792399            |                          | 27              | <20             | 0.26          | <10             | <10            | 162            | <10            | 30              |              |
| S792400            |                          | 23              | <20             | 0.14          | <10             | <10            | 182            | <10            | 29              |              |

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



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**CERTIFICATE OF ANALYSIS KL16102315**

|                    | <b>CERTIFICATE COMMENTS</b>  |          |          |          |         |         |        |        |        |
|--------------------|--|----------|----------|----------|---------|---------|--------|--------|--------|
|                    | <b>LABORATORY ADDRESSES</b>  |          |          |          |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> | BAG-01   | CRU-32   | CRU-QC   | LOG-22  | PUL-35a | PUL-QC | SPL-21 | WEI-21 |
| BAG-01             | CRU-32   | CRU-QC   | LOG-22   |          |         |         |        |        |        |
| PUL-35a            | PUL-QC   | SPL-21   | WEI-21   |          |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">Au-GRA22</td> <td style="width: 33%;">ME-ICP41</td> <td style="width: 15%;">Zn-AA62</td> </tr> </table>   | Au-AA24  | Au-GRA22 | ME-ICP41 | Zn-AA62 |         |        |        |        |
| Au-AA24            | Au-GRA22   | ME-ICP41 | Zn-AA62  |          |         |         |        |        |        |





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**CERTIFICATE KL16102326**

Project: Spectrum  
 P.O. No.: SP-R16-01  
 This report is for 127 Rock samples submitted to our lab in Kamloops, BC, Canada on 27-JUN-2016.  
 The following have access to data associated with this certificate:

|                              |                               |                             |
|------------------------------|-------------------------------|-----------------------------|
| PAUL BAXTER<br>COLIN RUSSELL | MIKE CATHRO<br>JACQUES STACEY | RAEGAN MARKEL<br>JOHN TYLER |
|------------------------------|-------------------------------|-----------------------------|

| <b>SAMPLE PREPARATION</b> |                                |
|---------------------------|--------------------------------|
| ALS CODE                  | DESCRIPTION                    |
| WEI-21                    | Received Sample Weight         |
| LOG-22                    | Sample login - Rcd w/o BarCode |
| CRU-QC                    | Crushing QC Test               |
| PUL-QC                    | Pulverizing QC Test            |
| CRU-32                    | Fine Crushing 90% <2mm         |
| SPL-21                    | Split sample - riffle splitter |
| PUL-35a                   | Pulv 1 kg split to 95%<106 um  |
| BAG-01                    | Bulk Master for Storage        |

| <b>ANALYTICAL PROCEDURES</b> |                                |            |
|------------------------------|--------------------------------|------------|
| ALS CODE                     | DESCRIPTION                    | INSTRUMENT |
| Au-GRA22                     | Au 50 g FA-GRAV finish         | WST-SIM    |
| ME-ICP41                     | 35 Element Aqua Regia ICP-AES  | ICP-AES    |
| Aq-AA62                      | Ore grade Ag - four acid / AAS | AAS        |
| Pb-AA62                      | Ore grade Pb - four acid / AAS | AAS        |
| Zn-AA62                      | Ore grade Zn - four acid / AAS | AAS        |
| Au-AA24                      | Au 50g FA AA finish            | AAS        |

To: SKEENA RESOURCES  
 ATTN: COLIN RUSSELL  
 650 - 1021 WEST HASTINGS STREET  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method Analyte Units LOR | WEI-21       | Au-AA24 | Au-GRA22 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |        |
|--------------------|--------------------------|--------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    |                          | Recvd Wt. kg | Au g/t  | Au g/t   | Ag ppm   | Al %     | As ppm   | B ppm    | Ba ppm   | Be ppm   | Bi ppm   | Ca %     | Cd ppm   | Co ppm   | Cr ppm   | Cu ppm |
| S792401            |                          | 1.30         | 2.49    |          | 10.7     | 0.35     | 7210     | <10      | 20       | <0.5     | 16       | 0.08     | 4.0      | 1        | 4        | 24     |
| S792402            |                          | 2.01         | 7.78    |          | 3.5      | 0.26     | >10000   | <10      | 10       | <0.5     | 14       | 11.5     | 130.0    | 10       | 2        | 86     |
| S792404            |                          | 1.31         | 0.093   |          | 0.5      | 1.45     | 198      | 10       | 80       | 0.6      | 2        | 1.59     | 2.8      | 8        | 4        | 80     |
| S792405            |                          | 1.28         | 0.137   |          | 1.1      | 1.46     | 292      | 10       | 50       | 0.6      | <2       | 1.60     | 2.0      | 13       | 5        | 177    |
| S792406            |                          | 1.56         | 0.046   |          | 0.3      | 1.59     | 57       | <10      | 60       | 0.7      | <2       | 4.28     | 1.0      | 12       | 22       | 50     |
| S792407            |                          | 2.18         | >10.0   | 10.75    | 35.8     | 0.08     | >10000   | <10      | 20       | <0.5     | 192      | 0.01     | 14.5     | 10       | 2        | 888    |
| S792408            |                          | 2.28         | 2.78    |          | 4.2      | 0.50     | >10000   | <10      | 50       | <0.5     | 4        | 8.8      | 9.9      | 14       | 3        | 108    |
| S792409            |                          | 1.38         | 0.349   |          | 0.7      | 2.09     | 675      | 10       | 80       | <0.5     | 4        | 0.68     | 0.7      | 11       | 6        | 119    |
| S792410            |                          | 2.32         | >10.0   | 24.5     | 13.0     | 0.19     | >10000   | <10      | 10       | <0.5     | 81       | 0.03     | 0.5      | 5        | 5        | 885    |
| S792411            |                          | 2.62         | 0.015   |          | <0.2     | 2.59     | 169      | 20       | 20       | <0.5     | <2       | 5.02     | <0.5     | 2        | 15       | 4      |
| S792412            |                          | 1.53         | 0.360   |          | 45.4     | 0.07     | 539      | <10      | 20       | <0.5     | 42       | 3.96     | 761      | <1       | 6        | 831    |
| S792413            |                          | 3.17         | 0.088   |          | 1.1      | 2.34     | 114      | 10       | 40       | 0.5      | <2       | 10.3     | 0.9      | 12       | 13       | 12     |
| S792414            |                          | 2.84         | 0.134   |          | 5.3      | 2.65     | 174      | 10       | 50       | <0.5     | 2        | 7.3      | 2.1      | 5        | 10       | 7      |
| S792415            |                          | 2.65         | 0.059   |          | 3.1      | 0.39     | 67       | <10      | 20       | <0.5     | <2       | 13.2     | 0.5      | 7        | 10       | 83     |
| S792416            |                          | 1.98         | 0.060   |          | 1.4      | 0.23     | 61       | <10      | 40       | <0.5     | <2       | 16.2     | 0.7      | 14       | 6        | 29     |
| S792417            |                          | 2.56         | 0.965   |          | 1.6      | 1.10     | 8        | <10      | 150      | <0.5     | <2       | 2.78     | 1.3      | 13       | 82       | 3350   |
| S792418            |                          | 2.31         | 0.339   |          | 0.8      | 1.36     | 9        | <10      | 510      | <0.5     | <2       | 3.41     | 0.8      | 12       | 83       | 1335   |
| S792419            |                          | 1.93         | 0.362   |          | 1.0      | 1.10     | 17       | <10      | 310      | <0.5     | <2       | 7.66     | 1.6      | 10       | 29       | 1480   |
| S792420            |                          | 2.69         | 1.395   |          | 2.7      | 1.31     | 15       | <10      | 130      | <0.5     | <2       | 4.42     | 2.6      | 14       | 47       | 3800   |
| S792421            |                          | 2.00         | 0.182   |          | 0.9      | 1.38     | 50       | 10       | 160      | <0.5     | <2       | 11.2     | 1.3      | 18       | 25       | 1665   |
| S792422            |                          | 1.91         | 0.180   |          | 0.3      | 1.57     | 5        | <10      | 150      | <0.5     | <2       | 3.60     | 0.5      | 19       | 102      | 1620   |
| S792423            |                          | 3.32         | 0.136   |          | 0.6      | 1.41     | 82       | 10       | 20       | <0.5     | <2       | 8.1      | 1.1      | 28       | 9        | 700    |
| S792424            |                          | 3.88         | 3.26    |          | 5.9      | 1.53     | 18       | <10      | 100      | <0.5     | 2        | 3.82     | 0.9      | 12       | 19       | 7850   |
| S792425            |                          | 2.55         | 2.34    |          | 1.3      | 1.17     | 10       | <10      | 80       | <0.5     | <2       | 3.32     | 0.5      | 9        | 16       | 5600   |
| S792426            |                          | 1.83         | 0.988   |          | 0.8      | 1.00     | 3        | <10      | 120      | <0.5     | <2       | 2.02     | 1.5      | 7        | 8        | 3330   |
| S792427            |                          | 2.63         | 2.58    |          | 2.4      | 1.29     | 6        | <10      | 170      | <0.5     | <2       | 4.95     | 0.7      | 14       | 19       | 5080   |
| S792428            |                          | 3.36         | 3.46    |          | 3.3      | 0.90     | 23       | <10      | 180      | <0.5     | 6        | 1.10     | <0.5     | 28       | 12       | 4390   |
| S792429            |                          | 1.85         | 0.045   |          | 0.6      | 1.64     | <2       | <10      | 470      | 0.5      | <2       | 8.0      | 0.8      | 19       | 11       | 793    |
| S792430            |                          | 1.79         | 0.009   |          | 0.3      | 1.68     | 5        | <10      | 230      | 0.5      | <2       | 3.90     | 1.0      | 15       | 47       | 330    |
| S792431            |                          | 2.62         | 0.721   |          | 1.3      | 0.83     | 4        | <10      | 100      | <0.5     | <2       | 5.45     | 1.4      | 7        | 24       | 1880   |
| S792432            |                          | 1.98         | 0.196   |          | 1.0      | 1.85     | 21       | <10      | 40       | 0.6      | 4        | 0.84     | 0.5      | 22       | 10       | 442    |
| S792433            |                          | 2.53         | 0.081   |          | 1.4      | 1.74     | 17       | <10      | 30       | <0.5     | 4        | 0.42     | 0.7      | 10       | 15       | 282    |
| S792434            |                          | 1.67         | 0.103   |          | 0.9      | 1.34     | <2       | <10      | 120      | <0.5     | <2       | 3.54     | 2.3      | 18       | 97       | 600    |
| S792435            |                          | 2.71         | 0.874   |          | 4.9      | 1.12     | 2        | <10      | 160      | <0.5     | <2       | 3.55     | 1.4      | 15       | 80       | 3240   |
| S792436            |                          | 1.44         | 0.111   |          | 0.7      | 1.52     | <2       | <10      | 120      | <0.5     | <2       | 3.27     | 2.0      | 20       | 92       | 438    |
| S792437            |                          | 2.13         | 0.091   |          | 0.7      | 1.70     | 4        | <10      | 180      | <0.5     | <2       | 5.26     | 1.2      | 14       | 80       | 579    |
| S792438            |                          | 2.59         | 0.997   |          | 2.1      | 1.45     | 2        | <10      | 90       | <0.5     | 2        | 3.35     | 0.7      | 15       | 84       | 2750   |
| S792439            |                          | 1.93         | 0.064   |          | 0.6      | 1.17     | 2        | <10      | 80       | <0.5     | <2       | 3.44     | 0.9      | 12       | 70       | 895    |
| S792440            |                          | 2.28         | 0.038   |          | 0.2      | 1.34     | 2        | <10      | 80       | <0.5     | <2       | 6.40     | 0.7      | 17       | 21       | 401    |
| S792441            |                          | 1.69         | 0.500   |          | 0.8      | 1.05     | 64       | <10      | 40       | <0.5     | <2       | 0.90     | 0.5      | 6        | 5        | 103    |



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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method  | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |    |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----|
|                    | Analyte | Fe       | Ga       | Hg       | K        | La       | Mg       | Mn       | Mo       | Na       | Ni       | P        | Pb       | S        | Sb       |    |
| Units              | %       | ppm      | ppm      | %        | ppm      | %        | ppm      | ppm      | ppm      | %        | ppm      | ppm      | ppm      | %        | ppm      |    |
| LOR                |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          |    |
| S792401            |         | 3.09     | <10      | <1       | 0.28     | <10      | 0.03     | 98       | 1        | <0.01    | 2        | 490      | 125      | 0.24     | 28       | <1 |
| S792402            |         | 8.51     | <10      | <1       | 0.13     | 10       | 0.49     | 6430     | <1       | <0.01    | 2        | 350      | 407      | 5.02     | 196      | <1 |
| S792404            |         | 4.63     | 10       | 1        | 0.20     | 20       | 0.39     | 1110     | 3        | 0.05     | 4        | 1550     | 15       | 0.75     | 24       | 5  |
| S792405            |         | 7.75     | 10       | <1       | 0.22     | 10       | 0.53     | 1240     | 1        | 0.06     | 4        | 1440     | 16       | 2.57     | 39       | 5  |
| S792406            |         | 3.92     | 10       | <1       | 0.13     | 20       | 0.58     | 1240     | 1        | 0.10     | 8        | 1410     | 10       | 0.64     | 14       | 9  |
| S792407            |         | 16.35    | <10      | 2        | 0.05     | <10      | <0.01    | 53       | 7        | <0.01    | <1       | 100      | 1580     | 4.51     | 1400     | 1  |
| S792408            |         | 5.69     | <10      | 1        | 0.27     | 10       | 0.10     | 1340     | 10       | <0.01    | 2        | 990      | 1640     | 3.34     | 1150     | 1  |
| S792409            |         | 7.27     | 10       | <1       | 0.14     | 20       | 1.02     | 293      | 1        | 0.05     | 5        | 2680     | 14       | 2.05     | 29       | 10 |
| S792410            |         | 12.95    | <10      | <1       | 0.14     | <10      | 0.02     | 61       | 3        | <0.01    | 5        | 30       | 39       | 5.83     | 48       | 1  |
| S792411            |         | 4.49     | 10       | <1       | 0.09     | 10       | 1.73     | 2220     | 6        | <0.01    | 10       | 950      | 3        | 0.35     | 26       | 8  |
| S792412            |         | 10.35    | <10      | 4        | <0.01    | <10      | 0.12     | 10150    | 2        | <0.01    | 1        | 80       | >10000   | 6.25     | 33       | <1 |
| S792413            |         | 4.29     | <10      | <1       | 0.12     | <10      | 2.03     | 3210     | <1       | <0.01    | 16       | 970      | 26       | 1.06     | 18       | 6  |
| S792414            |         | 7.33     | 10       | <1       | 0.09     | <10      | 3.21     | 3760     | 3        | 0.01     | 7        | 1180     | 93       | 3.59     | 15       | 8  |
| S792415            |         | 8.65     | <10      | 1        | 0.06     | <10      | 1.76     | 9330     | <1       | <0.01    | 23       | 160      | 41       | 6.60     | 25       | 3  |
| S792416            |         | 8.08     | <10      | <1       | 0.07     | 10       | 0.85     | 10650    | <1       | <0.01    | 8        | 190      | 19       | 6.92     | 11       | 3  |
| S792417            |         | 5.28     | 10       | <1       | 0.11     | 10       | 1.08     | 1280     | 4        | 0.06     | 38       | 930      | 11       | 0.30     | <2       | 12 |
| S792418            |         | 4.47     | 10       | <1       | 0.13     | 10       | 1.33     | 1390     | 7        | 0.07     | 38       | 980      | 10       | 0.29     | <2       | 12 |
| S792419            |         | 3.64     | 10       | <1       | 0.17     | 20       | 1.02     | 2300     | 6        | 0.05     | 22       | 1040     | 10       | 0.23     | 9        | 8  |
| S792420            |         | 7.42     | 10       | 1        | 0.13     | 10       | 1.23     | 1180     | 25       | 0.04     | 39       | 670      | 55       | 1.18     | 9        | 9  |
| S792421            |         | 4.40     | 10       | 1        | 0.09     | 10       | 0.58     | 3690     | 5        | <0.01    | 38       | 2000     | 13       | 1.33     | 8        | 10 |
| S792422            |         | 4.32     | 10       | <1       | 0.17     | 10       | 1.83     | 1210     | 3        | 0.08     | 48       | 980      | 6        | 0.10     | 2        | 13 |
| S792423            |         | 12.60    | <10      | 1        | 0.11     | 10       | 0.85     | 2360     | 3        | <0.01    | 34       | 350      | 11       | 7.88     | 64       | 5  |
| S792424            |         | 7.46     | 10       | <1       | 0.13     | <10      | 1.17     | 1225     | 2        | 0.02     | 13       | 820      | 15       | 0.44     | 4        | 9  |
| S792425            |         | 6.17     | 10       | <1       | 0.08     | 10       | 1.07     | 1060     | 2        | 0.04     | 11       | 670      | 11       | 0.45     | <2       | 7  |
| S792426            |         | 4.15     | <10      | <1       | 0.12     | 10       | 0.69     | 684      | 3        | 0.04     | 7        | 830      | 11       | 0.68     | <2       | 5  |
| S792427            |         | 14.45    | 10       | <1       | 0.11     | 10       | 0.61     | 1350     | 2        | 0.04     | 21       | 640      | 11       | 0.43     | <2       | 7  |
| S792428            |         | 34.9     | 10       | <1       | 0.04     | <10      | 0.45     | 914      | 2        | 0.01     | 27       | 230      | 16       | 0.71     | <2       | 4  |
| S792429            |         | 5.64     | 10       | 1        | 0.10     | 10       | 1.86     | 1255     | 3        | 0.02     | 11       | 940      | 19       | 0.14     | 2        | 9  |
| S792430            |         | 4.18     | 10       | 1        | 0.10     | 20       | 2.00     | 857      | 2        | 0.04     | 17       | 2490     | 26       | 0.02     | <2       | 14 |
| S792431            |         | 3.11     | <10      | <1       | 0.23     | 10       | 0.70     | 1355     | 4        | 0.05     | 16       | 800      | 26       | 0.06     | <2       | 5  |
| S792432            |         | 5.78     | 10       | <1       | 0.31     | 20       | 1.17     | 290      | 2        | 0.14     | 10       | 2230     | 6        | 1.63     | <2       | 7  |
| S792433            |         | 5.79     | 10       | <1       | 0.29     | 10       | 1.72     | 480      | 4        | 0.03     | 5        | 1980     | 22       | 0.73     | 7        | 8  |
| S792434            |         | 4.93     | 10       | <1       | 0.30     | 10       | 1.35     | 1070     | 4        | 0.10     | 48       | 1060     | 26       | 0.03     | <2       | 11 |
| S792435            |         | 5.54     | 10       | <1       | 0.20     | 10       | 0.92     | 1160     | 6        | 0.07     | 46       | 900      | 42       | 0.08     | 7        | 9  |
| S792436            |         | 5.42     | 10       | <1       | 0.20     | 10       | 1.62     | 1155     | 3        | 0.12     | 54       | 1060     | 18       | 0.03     | <2       | 15 |
| S792437            |         | 5.15     | 10       | <1       | 0.30     | 10       | 1.29     | 1270     | 6        | 0.07     | 43       | 1130     | 9        | 0.04     | <2       | 12 |
| S792438            |         | 6.41     | 10       | <1       | 0.21     | 10       | 1.47     | 1470     | 4        | 0.09     | 40       | 900      | 15       | 0.10     | 3        | 14 |
| S792439            |         | 4.77     | 10       | <1       | 0.13     | 10       | 1.08     | 1055     | 6        | 0.07     | 40       | 1040     | 9        | 0.06     | <2       | 10 |
| S792440            |         | 5.08     | 10       | <1       | 0.10     | 10       | 1.34     | 1215     | 4        | 0.05     | 11       | 1190     | 10       | 0.03     | <2       | 12 |
| S792441            |         | 3.91     | 10       | <1       | 0.11     | 30       | 0.57     | 227      | 3        | 0.07     | 4        | 2020     | 18       | 0.54     | 7        | 5  |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Pb-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                          | Sr       | Th       | Ti       | Ti       | U        | V        | W        | Zn       | Ag      | Pb      | Zn      |
|                    |                          | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                          | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792401            |                          | 12       | <20      | <0.01    | <10      | <10      | 8        | <10      | 300      |         |         |         |
| S792402            |                          | 160      | <20      | <0.01    | <10      | <10      | 5        | <10      | >10000   |         |         | 1.390   |
| S792404            |                          | 54       | <20      | 0.01     | <10      | <10      | 82       | <10      | 390      |         |         |         |
| S792405            |                          | 63       | <20      | <0.01    | <10      | <10      | 104      | <10      | 143      |         |         |         |
| S792406            |                          | 124      | <20      | 0.05     | <10      | <10      | 126      | <10      | 88       |         |         |         |
| S792407            |                          | 3        | <20      | <0.01    | <10      | <10      | 4        | <10      | 921      |         |         |         |
| S792408            |                          | 117      | <20      | <0.01    | <10      | <10      | 10       | <10      | 901      |         |         |         |
| S792409            |                          | 49       | <20      | 0.16     | <10      | <10      | 133      | <10      | 50       |         |         |         |
| S792410            |                          | 15       | <20      | <0.01    | <10      | <10      | 6        | 860      | 8        |         |         |         |
| S792411            |                          | 194      | <20      | 0.12     | <10      | <10      | 83       | <10      | 44       |         |         |         |
| S792412            |                          | 29       | <20      | <0.01    | <10      | <10      | 2        | 10       | >10000   | 2.52    | 8.65    |         |
| S792413            |                          | 104      | <20      | 0.06     | <10      | <10      | 76       | <10      | 132      |         |         |         |
| S792414            |                          | 178      | <20      | 0.06     | <10      | <10      | 77       | <10      | 294      |         |         |         |
| S792415            |                          | 123      | <20      | <0.01    | <10      | <10      | 29       | <10      | 43       |         |         |         |
| S792416            |                          | 177      | <20      | <0.01    | <10      | <10      | 9        | <10      | 18       |         |         |         |
| S792417            |                          | 43       | <20      | 0.08     | <10      | <10      | 149      | <10      | 159      |         |         |         |
| S792418            |                          | 60       | <20      | 0.11     | <10      | <10      | 149      | <10      | 139      |         |         |         |
| S792419            |                          | 105      | <20      | 0.08     | <10      | <10      | 110      | <10      | 148      |         |         |         |
| S792420            |                          | 72       | <20      | 0.05     | <10      | <10      | 167      | <10      | 227      |         |         |         |
| S792421            |                          | 128      | <20      | <0.01    | <10      | <10      | 115      | <10      | 198      |         |         |         |
| S792422            |                          | 65       | <20      | 0.10     | <10      | <10      | 158      | <10      | 88       |         |         |         |
| S792423            |                          | 96       | <20      | <0.01    | <10      | <10      | 59       | <10      | 141      |         |         |         |
| S792424            |                          | 38       | <20      | 0.05     | <10      | <10      | 111      | <10      | 132      |         |         |         |
| S792425            |                          | 36       | <20      | 0.06     | <10      | <10      | 86       | <10      | 85       |         |         |         |
| S792426            |                          | 36       | <20      | 0.04     | <10      | <10      | 71       | <10      | 188      |         |         |         |
| S792427            |                          | 69       | <20      | 0.05     | <10      | <10      | 113      | <10      | 99       |         |         |         |
| S792428            |                          | 14       | <20      | 0.06     | <10      | <10      | 98       | <10      | 174      |         |         |         |
| S792429            |                          | 123      | <20      | 0.08     | <10      | <10      | 140      | <10      | 107      |         |         |         |
| S792430            |                          | 77       | <20      | 0.13     | <10      | <10      | 160      | <10      | 156      |         |         |         |
| S792431            |                          | 75       | <20      | 0.06     | <10      | <10      | 64       | <10      | 159      |         |         |         |
| S792432            |                          | 92       | <20      | 0.14     | <10      | <10      | 130      | <10      | 40       |         |         |         |
| S792433            |                          | 27       | <20      | 0.16     | <10      | <10      | 153      | <10      | 129      |         |         |         |
| S792434            |                          | 63       | <20      | 0.19     | <10      | <10      | 177      | <10      | 322      |         |         |         |
| S792435            |                          | 49       | <20      | 0.10     | <10      | <10      | 148      | <10      | 189      |         |         |         |
| S792436            |                          | 62       | <20      | 0.21     | <10      | <10      | 192      | <10      | 308      |         |         |         |
| S792437            |                          | 72       | <20      | 0.10     | <10      | <10      | 161      | <10      | 200      |         |         |         |
| S792438            |                          | 57       | <20      | 0.12     | <10      | <10      | 172      | <10      | 176      |         |         |         |
| S792439            |                          | 53       | <20      | 0.08     | <10      | <10      | 131      | <10      | 126      |         |         |         |
| S792440            |                          | 96       | <20      | 0.07     | <10      | <10      | 143      | <10      | 101      |         |         |         |
| S792441            |                          | 40       | <20      | 0.13     | <10      | <10      | 133      | <10      | 112      |         |         |         |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method Analyte Units LOR | WEI-21       | Au-AA24 | Au-GRA22 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|--------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    |                          | Recvd Wt. kg | Au g/t  | Au g/t   | Ag ppm   | Al %     | As ppm   | B ppm    | Ba ppm   | Be ppm   | Bi ppm   | Ca %     | Cd ppm   | Co ppm   | Cr ppm   | Cu ppm   |
| S792442            |                          | 1.97         | 0.308   |          | 0.6      | 1.88     | 303      | <10      | 30       | <0.5     | 16       | 0.84     | <0.5     | 13       | 108      | 171      |
| S792443            |                          | 1.61         | >10.0   | 50.7     | 4.2      | 0.37     | >10000   | <10      | 30       | <0.5     | 20       | 0.08     | <0.5     | 78       | 8        | 387      |
| S792444            |                          | 1.86         | 1.980   |          | 1.4      | 0.86     | 229      | 10       | 40       | <0.5     | 23       | 0.12     | <0.5     | 7        | 2        | 450      |
| S792445            |                          | 2.15         | 0.245   |          | 0.7      | 2.60     | 172      | <10      | 80       | 0.5      | 3        | 0.56     | <0.5     | 23       | 6        | 230      |
| S792446            |                          | 1.41         | 0.012   |          | 0.2      | 2.31     | 30       | <10      | 20       | 0.5      | <2       | 1.42     | <0.5     | 3        | 18       | 86       |
| S792447            |                          | 1.83         | 0.015   |          | 0.4      | 1.11     | 49       | <10      | 20       | <0.5     | <2       | 0.61     | <0.5     | 11       | 8        | 149      |
| S792448            |                          | 1.61         | 0.018   |          | 0.5      | 1.24     | 41       | <10      | 30       | <0.5     | <2       | 0.72     | <0.5     | 11       | 19       | 274      |
| S792449            |                          | 2.23         | 0.020   |          | 0.4      | 1.47     | 52       | <10      | 30       | 0.5      | <2       | 1.21     | <0.5     | 14       | 4        | 313      |
| S792450            |                          | 2.36         | 0.015   |          | 0.4      | 1.72     | 23       | <10      | 30       | 0.5      | <2       | 1.07     | <0.5     | 13       | 6        | 259      |
| S792451            |                          | 1.78         | 0.020   |          | 0.8      | 1.94     | 92       | <10      | 10       | 0.8      | <2       | 13.4     | 1.1      | 34       | 18       | 1240     |
| S792452            |                          | 1.39         | 0.006   |          | 0.3      | 0.98     | 78       | <10      | 10       | <0.5     | <2       | 17.5     | 1.1      | 16       | 15       | 599      |
| S792453            |                          | 2.32         | 0.013   |          | 0.8      | 1.90     | 20       | <10      | 10       | <0.5     | <2       | 1.57     | 0.5      | 30       | 44       | 1210     |
| S792454            |                          | 1.33         | 4.04    |          | 0.6      | 1.81     | 19       | <10      | 20       | 0.5      | <2       | 0.82     | <0.5     | 6        | 5        | 226      |
| S792455            |                          | 3.11         | 0.011   |          | 0.2      | 3.39     | 35       | 10       | 20       | 1.7      | <2       | 7.6      | 1.1      | 21       | 3        | 224      |
| S792456            |                          | 1.82         | 0.015   |          | 0.2      | 2.41     | 25       | <10      | 20       | 1.0      | <2       | 1.78     | <0.5     | 18       | 4        | 203      |
| S792457            |                          | 1.82         | 0.054   |          | 0.6      | 1.63     | 160      | <10      | 20       | 0.8      | <2       | 10.9     | 0.7      | 21       | 83       | 472      |
| S792458            |                          | 1.99         | 0.010   |          | 0.3      | 2.22     | 30       | <10      | 30       | 0.9      | <2       | 1.41     | <0.5     | 25       | 6        | 337      |
| S792459            |                          | 1.35         | 0.037   |          | 0.3      | 2.08     | 29       | <10      | 50       | 0.7      | <2       | 0.88     | <0.5     | 16       | 17       | 285      |
| S792460            |                          | 1.83         | 1.315   |          | 0.3      | 1.34     | 16       | <10      | 50       | <0.5     | <2       | 0.33     | <0.5     | 5        | 20       | 68       |
| S792461            |                          | 2.51         | 0.187   |          | 0.3      | 1.72     | 15       | <10      | 30       | 0.8      | <2       | 0.61     | <0.5     | 7        | 21       | 68       |
| S792462            |                          | 2.15         | 0.067   |          | 0.2      | 2.58     | 9        | 10       | 20       | 2.6      | <2       | 2.41     | 0.5      | 12       | 13       | 82       |
| S792463            |                          | 1.64         | 0.033   |          | 0.5      | 1.64     | 32       | <10      | 50       | 0.6      | <2       | 0.29     | <0.5     | 2        | 28       | 135      |
| S792464            |                          | 1.52         | 0.012   |          | 0.3      | 1.72     | 12       | <10      | 40       | 0.8      | <2       | 0.65     | <0.5     | 1        | 3        | 164      |
| S792465            |                          | 1.72         | 0.010   |          | 0.7      | 1.26     | 34       | <10      | 50       | <0.5     | <2       | 0.35     | <0.5     | 13       | 7        | 442      |
| S792466            |                          | 1.53         | 0.007   |          | 0.3      | 1.66     | 12       | <10      | 40       | 0.5      | <2       | 0.60     | <0.5     | 16       | 3        | 553      |
| S792467            |                          | 1.65         | 0.010   |          | 0.5      | 1.27     | 26       | <10      | 30       | 0.5      | <2       | 0.52     | <0.5     | 9        | 2        | 314      |
| S792468            |                          | 1.49         | 0.006   |          | 0.5      | 3.19     | 34       | <10      | 50       | 1.8      | <2       | 1.31     | 0.6      | 50       | 2        | 729      |
| S792469            |                          | 2.59         | 0.030   |          | 0.6      | 1.57     | 24       | <10      | 20       | 3.3      | <2       | 7.62     | 1.5      | 27       | 3        | 2860     |
| S792470            |                          | 2.23         | 0.017   |          | 2.4      | 1.40     | 40       | <10      | 90       | 3.6      | <2       | 7.5      | 3.6      | 37       | 6        | 3030     |
| S792471            |                          | 1.96         | 0.013   |          | 0.4      | 0.99     | 18       | <10      | 50       | 1.1      | <2       | 0.73     | <0.5     | 11       | 3        | 1040     |
| S792472            |                          | 1.70         | 0.005   |          | <0.2     | 1.97     | 8        | <10      | 50       | 1.7      | <2       | 1.90     | 1.1      | 16       | 4        | 1055     |
| S792473            |                          | 2.01         | 0.414   |          | 9.7      | 0.95     | 70       | <10      | 80       | 1.1      | 3        | 12.4     | 183.5    | 13       | 3        | 2170     |
| S792474            |                          | 1.64         | 0.011   |          | 1.9      | 2.58     | 9        | <10      | 80       | 2.4      | <2       | 4.33     | 2.1      | 36       | 2        | 1515     |
| S792475            |                          | 2.93         | 0.773   |          | 14.7     | 0.50     | 28       | <10      | 60       | 0.5      | 15       | 8.7      | 267      | 4        | 8        | 838      |
| S792476            |                          | 1.79         | 0.424   |          | 1.8      | 0.94     | 101      | <10      | 70       | 0.8      | 2        | 1.92     | 2.9      | 10       | 4        | 427      |
| S792477            |                          | 1.52         | 0.015   |          | 0.4      | 2.76     | 114      | <10      | 40       | 5.5      | <2       | 8.6      | 2.7      | 55       | 5        | 3570     |
| S792478            |                          | 2.23         | 0.025   |          | 6.3      | 1.13     | 39       | <10      | 360      | 2.8      | <2       | 15.3     | 24.3     | 35       | 5        | 2900     |
| S792479            |                          | 2.26         | 0.021   |          | 0.7      | 1.50     | 96       | <10      | 350      | 1.7      | <2       | 3.34     | 1.6      | 15       | 3        | 1310     |
| S792480            |                          | 2.23         | 0.065   |          | 2.2      | 2.03     | 45       | <10      | 50       | 3.7      | 2        | 4.39     | 12.7     | 41       | 4        | 2710     |
| S792481            |                          | 1.55         | 0.009   |          | 0.3      | 2.23     | 16       | <10      | 40       | 0.6      | <2       | 0.58     | <0.5     | 13       | 4        | 328      |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |        |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    |                          | Fe %     | Ga ppm   | Hg ppm   | K %      | La ppm   | Mg %     | Mn ppm   | Mo ppm   | Na %     | Ni ppm   | P ppm    | Pb ppm   | S %      | Sb ppm   | Sc ppm |
| S792442            |                          | 7.54     | 10       | <1       | 0.16     | 10       | 1.17     | 219      | 2        | 0.10     | 19       | 2280     | 7        | 1.59     | 2        | 13     |
| S792443            |                          | 13.65    | <10      | <1       | 0.16     | <10      | 0.21     | 49       | 340      | 0.02     | 5        | 780      | 6        | 6.04     | 41       | 6      |
| S792444            |                          | 28.0     | 10       | <1       | 0.25     | <10      | 0.31     | 107      | <1       | 0.02     | 2        | 1400     | 79       | 1.55     | 19       | 2      |
| S792445            |                          | 10.60    | 10       | <1       | 0.20     | 10       | 1.39     | 268      | 3        | 0.08     | 5        | 2550     | 6        | 2.00     | <2       | 8      |
| S792446            |                          | 4.06     | 10       | <1       | 0.20     | 10       | 0.58     | 200      | 4        | 0.05     | 2        | 2720     | 9        | 0.58     | 2        | 13     |
| S792447            |                          | 4.35     | 10       | <1       | 0.15     | 10       | 0.67     | 184      | 12       | 0.08     | 4        | 2380     | 6        | 1.42     | 3        | 10     |
| S792448            |                          | 7.17     | 10       | <1       | 0.13     | 10       | 0.58     | 234      | 23       | 0.11     | 4        | 1840     | 8        | 1.54     | 3        | 10     |
| S792449            |                          | 8.14     | 10       | <1       | 0.12     | 20       | 0.61     | 274      | 76       | 0.15     | 7        | 3280     | 7        | 1.66     | <2       | 8      |
| S792450            |                          | 5.64     | 10       | <1       | 0.31     | 10       | 1.02     | 251      | 13       | 0.11     | 5        | 3310     | 5        | 1.61     | <2       | 8      |
| S792451            |                          | 9.24     | 10       | <1       | 0.05     | 20       | 0.39     | 2130     | 33       | 0.03     | 56       | 1280     | 15       | 9.36     | 5        | 8      |
| S792452            |                          | 10.70    | 10       | <1       | 0.02     | 10       | 0.55     | 2820     | 9        | 0.04     | 18       | 990      | 8        | 5.71     | 5        | 5      |
| S792453            |                          | 13.75    | 10       | <1       | 0.04     | 10       | 0.79     | 426      | 16       | 0.10     | 46       | 2000     | 4        | 9.55     | <2       | 11     |
| S792454            |                          | 7.85     | 10       | <1       | 0.11     | 20       | 0.87     | 358      | 8        | 0.07     | 4        | 2040     | 8        | 2.23     | <2       | 6      |
| S792455            |                          | 4.88     | 20       | <1       | 0.14     | 20       | 1.15     | 895      | 7        | 0.23     | 7        | 2430     | 9        | 2.24     | 2        | 7      |
| S792456            |                          | 4.50     | 10       | <1       | 0.16     | 20       | 0.82     | 428      | 2        | 0.27     | 7        | 3000     | 6        | 2.22     | <2       | 5      |
| S792457            |                          | 7.20     | 10       | <1       | 0.07     | 10       | 0.93     | 1795     | 2        | 0.04     | 21       | 1680     | 17       | 4.56     | 11       | 22     |
| S792458            |                          | 4.88     | 10       | <1       | 0.42     | 20       | 1.45     | 359      | 18       | 0.15     | 9        | 3010     | 4        | 2.11     | 2        | 12     |
| S792459            |                          | 6.10     | 10       | <1       | 0.40     | 20       | 1.53     | 394      | 31       | 0.11     | 9        | 2710     | 5        | 1.45     | 9        | 12     |
| S792460            |                          | 4.49     | 10       | <1       | 0.13     | 20       | 0.87     | 330      | 2        | 0.05     | 2        | 1380     | 7        | 0.18     | <2       | 7      |
| S792461            |                          | 3.99     | 10       | <1       | 0.11     | 20       | 1.04     | 527      | 2        | 0.21     | 5        | 1370     | 9        | 0.17     | <2       | 7      |
| S792462            |                          | 3.96     | 20       | <1       | 0.09     | 30       | 0.88     | 600      | 1        | 0.06     | 6        | 1220     | 9        | 0.80     | 2        | 7      |
| S792463            |                          | 5.50     | 10       | <1       | 0.16     | 20       | 1.32     | 290      | 4        | 0.05     | 5        | 2360     | 6        | 0.29     | <2       | 9      |
| S792464            |                          | 3.90     | 10       | <1       | 0.16     | 20       | 0.82     | 235      | 45       | 0.05     | <1       | 1560     | 4        | 0.21     | <2       | 5      |
| S792465            |                          | 5.15     | 10       | <1       | 0.20     | 20       | 0.68     | 276      | 75       | 0.05     | 5        | 1660     | 16       | 1.62     | <2       | 5      |
| S792466            |                          | 4.85     | 10       | <1       | 0.29     | 20       | 1.42     | 463      | 40       | 0.06     | 3        | 1980     | 5        | 1.91     | <2       | 6      |
| S792467            |                          | 6.04     | 10       | <1       | 0.19     | 20       | 0.77     | 463      | 36       | 0.05     | 2        | 2470     | 7        | 1.21     | <2       | 6      |
| S792468            |                          | 5.59     | 10       | <1       | 0.18     | 30       | 1.64     | 2580     | 44       | 0.04     | 9        | 2810     | 5        | 1.44     | <2       | 8      |
| S792469            |                          | 3.89     | 10       | <1       | 0.18     | 210      | 0.49     | 2870     | 23       | 0.02     | 22       | 1120     | 18       | 1.56     | <2       | 3      |
| S792470            |                          | 4.54     | <10      | <1       | 0.25     | 250      | 0.33     | 3520     | 553      | 0.02     | 19       | 1100     | 90       | 2.62     | <2       | 2      |
| S792471            |                          | 3.46     | 10       | <1       | 0.21     | 100      | 0.37     | 692      | 32       | 0.03     | 6        | 870      | 5        | 1.16     | <2       | 1      |
| S792472            |                          | 3.88     | 10       | <1       | 0.35     | 80       | 1.52     | 1625     | 17       | 0.08     | 12       | 2040     | 3        | 1.35     | <2       | 6      |
| S792473            |                          | 2.98     | <10      | 1        | 0.19     | 40       | 0.31     | 4710     | 16       | 0.01     | 7        | 900      | 4120     | 2.35     | <2       | 1      |
| S792474            |                          | 5.58     | 10       | <1       | 0.27     | 120      | 1.03     | 4350     | 13       | 0.04     | 18       | 1570     | 14       | 1.27     | <2       | 4      |
| S792475            |                          | 2.62     | <10      | 2        | 0.15     | 30       | 0.22     | 2590     | 91       | 0.01     | 2        | 380      | 4700     | 3.62     | 4        | 1      |
| S792476            |                          | 2.77     | 10       | <1       | 0.21     | 50       | 0.49     | 715      | 24       | 0.03     | 3        | 700      | 74       | 1.59     | <2       | 1      |
| S792477            |                          | 2.90     | 10       | <1       | 0.11     | 150      | 0.57     | 6290     | 89       | 0.01     | 28       | 770      | 35       | 0.34     | <2       | 4      |
| S792478            |                          | 1.91     | <10      | <1       | 0.11     | 170      | 0.16     | 6000     | 17       | <0.01    | 18       | 320      | 5640     | 0.63     | 6        | 1      |
| S792479            |                          | 3.59     | 10       | <1       | 0.23     | 70       | 0.58     | 2030     | 27       | 0.03     | 7        | 1380     | 22       | 0.55     | <2       | 3      |
| S792480            |                          | 2.93     | 10       | <1       | 0.13     | 90       | 0.56     | 3370     | 38       | 0.02     | 19       | 770      | 451      | 0.69     | <2       | 2      |
| S792481            |                          | 5.53     | 10       | <1       | 0.29     | 20       | 1.95     | 549      | 41       | 0.06     | 2        | 2550     | 4        | 1.16     | <2       | 8      |



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

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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Pb-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                          | Sr       | Th       | Ti       | Tl       | U        | V        | W        | Zn       | Ag      | Pb      | Zn      |
|                    |                          | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                          | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792442            |                          | 63       | <20      | 0.16     | <10      | <10      | 196      | <10      | 23       |         |         |         |
| S792443            |                          | 13       | <20      | 0.01     | <10      | <10      | 96       | <10      | 5        |         |         |         |
| S792444            |                          | 14       | <20      | 0.04     | <10      | <10      | 79       | <10      | 61       |         |         |         |
| S792445            |                          | 83       | <20      | 0.16     | <10      | <10      | 140      | <10      | 23       |         |         |         |
| S792446            |                          | 99       | <20      | 0.14     | <10      | <10      | 208      | <10      | 19       |         |         |         |
| S792447            |                          | 45       | <20      | 0.18     | <10      | <10      | 188      | <10      | 15       |         |         |         |
| S792448            |                          | 61       | <20      | 0.21     | <10      | <10      | 165      | <10      | 17       |         |         |         |
| S792449            |                          | 102      | <20      | 0.26     | <10      | <10      | 195      | <10      | 19       |         |         |         |
| S792450            |                          | 75       | <20      | 0.28     | <10      | <10      | 187      | <10      | 22       |         |         |         |
| S792451            |                          | 89       | <20      | 0.07     | <10      | <10      | 63       | <10      | 60       |         |         |         |
| S792452            |                          | 144      | <20      | 0.10     | <10      | <10      | 70       | <10      | 44       |         |         |         |
| S792453            |                          | 54       | <20      | 0.13     | <10      | <10      | 135      | <10      | 34       |         |         |         |
| S792454            |                          | 62       | <20      | 0.25     | <10      | <10      | 166      | <10      | 21       |         |         |         |
| S792455            |                          | 287      | <20      | 0.19     | <10      | <10      | 144      | <10      | 167      |         |         |         |
| S792456            |                          | 273      | <20      | 0.17     | <10      | <10      | 110      | <10      | 34       |         |         |         |
| S792457            |                          | 125      | <20      | 0.17     | <10      | <10      | 167      | <10      | 52       |         |         |         |
| S792458            |                          | 108      | <20      | 0.26     | <10      | <10      | 217      | <10      | 40       |         |         |         |
| S792459            |                          | 54       | <20      | 0.28     | <10      | <10      | 208      | <10      | 28       |         |         |         |
| S792460            |                          | 35       | <20      | 0.25     | <10      | <10      | 161      | <10      | 23       |         |         |         |
| S792461            |                          | 39       | <20      | 0.21     | <10      | <10      | 143      | <10      | 48       |         |         |         |
| S792462            |                          | 52       | <20      | 0.17     | <10      | <10      | 126      | <10      | 66       |         |         |         |
| S792463            |                          | 63       | <20      | 0.26     | <10      | <10      | 162      | <10      | 65       |         |         |         |
| S792464            |                          | 95       | <20      | 0.21     | <10      | <10      | 139      | <10      | 29       |         |         |         |
| S792465            |                          | 30       | <20      | 0.06     | <10      | <10      | 127      | <10      | 39       |         |         |         |
| S792466            |                          | 35       | <20      | 0.22     | <10      | <10      | 157      | <10      | 50       |         |         |         |
| S792467            |                          | 29       | <20      | 0.11     | <10      | <10      | 147      | <10      | 58       |         |         |         |
| S792468            |                          | 76       | <20      | 0.22     | <10      | <10      | 171      | <10      | 82       |         |         |         |
| S792469            |                          | 125      | <20      | 0.02     | <10      | <10      | 67       | <10      | 204      |         |         |         |
| S792470            |                          | 131      | <20      | <0.01    | <10      | <10      | 30       | <10      | 283      |         |         |         |
| S792471            |                          | 20       | <20      | 0.01     | <10      | <10      | 47       | <10      | 49       |         |         |         |
| S792472            |                          | 67       | <20      | 0.16     | <10      | <10      | 159      | <10      | 156      |         |         |         |
| S792473            |                          | 186      | <20      | <0.01    | <10      | <10      | 26       | <10      | >10000   |         |         | 2.78    |
| S792474            |                          | 85       | <20      | 0.09     | <10      | <10      | 91       | <10      | 242      |         |         |         |
| S792475            |                          | 90       | <20      | 0.01     | <10      | <10      | 21       | <10      | >10000   |         |         | 4.07    |
| S792476            |                          | 46       | <20      | 0.01     | <10      | <10      | 43       | <10      | 421      |         |         |         |
| S792477            |                          | 97       | <20      | <0.01    | <10      | <10      | 52       | <10      | 340      |         |         |         |
| S792478            |                          | 257      | <20      | <0.01    | <10      | <10      | 6        | <10      | 3390     |         |         |         |
| S792479            |                          | 88       | <20      | 0.03     | <10      | <10      | 73       | <10      | 216      |         |         |         |
| S792480            |                          | 59       | <20      | 0.02     | <10      | <10      | 57       | <10      | 2190     |         |         |         |
| S792481            |                          | 37       | <20      | 0.20     | <10      | <10      | 205      | <10      | 60       |         |         |         |



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

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 VANCOUVER BC V6E 0C3

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**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | Au-GRA22 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm |
|--------------------|--------------------------|---------------------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|
| S792482            |                          | 1.41                | 0.012          |                 | 1.2             | 2.92          | 536             | <10            | 70              | 5.7             | <2              | 10.3          | 7.3             | 111             | 1               | 4270            |
| S792483            |                          | 1.93                | 0.008          |                 | 0.4             | 1.79          | 18              | <10            | 40              | 0.6             | <2              | 0.75          | <0.5            | 15              | 3               | 551             |
| S792484            |                          | 1.48                | 0.014          |                 | 0.5             | 0.27          | 149             | <10            | 20              | 2.3             | <2              | >25.0         | 1.0             | 3               | <1              | 289             |
| S792485            |                          | 2.49                | 0.013          |                 | 0.7             | 1.37          | 118             | <10            | 30              | 3.4             | <2              | 19.9          | 2.0             | 36              | 3               | 1275            |
| S792486            |                          | 2.67                | 0.040          |                 | 3.2             | 0.97          | 698             | <10            | 50              | 2.8             | <2              | 19.3          | 5.5             | 26              | 2               | 1065            |
| S792487            |                          | 2.50                | 0.008          |                 | 0.4             | 1.42          | 19              | <10            | 40              | 0.7             | <2              | 0.78          | <0.5            | 11              | 4               | 312             |
| S792488            |                          | 2.75                | 0.008          |                 | 3.5             | 1.69          | 23              | <10            | 60              | 1.5             | <2              | 7.5           | 5.5             | 21              | 6               | 947             |
| S792489            |                          | 2.21                | <0.005         |                 | 0.5             | 2.35          | 33              | <10            | 40              | 1.1             | <2              | 2.33          | 0.7             | 25              | 8               | 727             |
| S792490            |                          | 3.25                | 0.008          |                 | 0.6             | 2.24          | 37              | <10            | 40              | 1.1             | <2              | 2.85          | 0.7             | 28              | 7               | 892             |
| S792491            |                          | 2.36                | 0.018          |                 | 1.0             | 1.77          | 30              | <10            | 50              | 0.8             | <2              | 1.69          | 1.1             | 22              | 13              | 583             |
| S792501            |                          | 1.43                | 0.226          |                 | <0.2            | 1.06          | 28              | <10            | 30              | 0.7             | <2              | 4.16          | 0.5             | 7               | 3               | 29              |
| S792502            |                          | 1.48                | 0.024          |                 | 0.7             | 1.34          | 15              | <10            | 20              | <0.5            | <2              | 0.55          | <0.5            | 9               | 3               | 367             |
| S792503            |                          | 1.52                | 0.006          |                 | 0.2             | 2.41          | 17              | 10             | 30              | 0.8             | <2              | 1.62          | 0.5             | 21              | 8               | 438             |
| S792504            |                          | 1.67                | 0.022          |                 | 0.7             | 1.86          | 16              | 10             | 20              | 0.7             | <2              | 1.35          | <0.5            | 12              | 5               | 499             |
| S792505            |                          | 1.69                | 0.009          |                 | 0.2             | 1.32          | 9               | <10            | 30              | 1.6             | <2              | 0.80          | <0.5            | 8               | 5               | 196             |
| S792506            |                          | 1.83                | 0.015          |                 | 0.4             | 1.80          | 9               | 10             | 30              | 1.5             | <2              | 1.31          | 0.8             | 13              | 4               | 334             |
| S792507            |                          | 2.59                | 0.187          |                 | >100            | 0.23          | 95              | <10            | 50              | <0.5            | 7               | 5.61          | >1000           | <1              | <1              | 3000            |
| S792508            |                          | 1.91                | 0.006          |                 | 1.2             | 2.11          | 24              | <10            | 120             | 0.8             | <2              | 0.78          | 4.5             | 15              | 3               | 429             |
| S792509            |                          | 2.21                | 0.015          |                 | 0.8             | 1.76          | 10              | <10            | 70              | 0.8             | <2              | 4.06          | 1.5             | 20              | 4               | 938             |
| S792510            |                          | 2.16                | 0.044          |                 | <0.2            | 2.13          | 30              | <10            | 110             | 7.5             | <2              | 9.8           | 1.5             | 20              | 6               | 6590            |
| S792511            |                          | 1.96                | 0.053          |                 | 0.2             | 1.64          | 15              | <10            | 50              | 2.5             | <2              | 6.31          | 1.4             | 25              | 4               | 1955            |
| S792512            |                          | 2.02                | <0.005         |                 | <0.2            | 0.98          | 3               | <10            | 90              | 3.3             | <2              | 2.91          | 2.3             | 11              | 2               | 2240            |
| S792513            |                          | 3.76                | 0.007          |                 | 0.5             | 1.91          | 15              | <10            | 30              | 0.8             | <2              | 2.91          | 0.8             | 26              | 5               | 894             |
| S792514            |                          | 2.25                | 0.031          |                 | 0.7             | 0.81          | 40              | <10            | 20              | 3.4             | <2              | 14.0          | 3.2             | 23              | 7               | 2070            |
| S792515            |                          | 1.83                | 0.033          |                 | 1.2             | 0.54          | 24              | <10            | 370             | 3.6             | <2              | 11.8          | 6.3             | 7               | 7               | 1945            |
| S792516            |                          | 2.23                | <0.005         |                 | 0.2             | 1.28          | 6               | <10            | 30              | 1.3             | <2              | 1.95          | 1.2             | 14              | 4               | 596             |
| S792517            |                          | 2.31                | <0.005         |                 | 0.2             | 1.63          | 6               | <10            | 30              | 1.4             | <2              | 1.48          | 0.8             | 11              | 4               | 510             |
| S792518            |                          | 1.51                | 0.016          |                 | 1.4             | 0.54          | 88              | <10            | 320             | 2.0             | <2              | 20.4          | 18.9            | 13              | 7               | 895             |
| S792519            |                          | 2.37                | 0.040          |                 | 0.5             | 1.51          | 36              | 10             | 60              | 1.1             | <2              | 1.61          | 1.4             | 17              | 2               | 787             |
| S792520            |                          | 1.24                | 0.046          |                 | 5.6             | 1.49          | 66              | <10            | 100             | 2.5             | 10              | 7.1           | 9.4             | 41              | 9               | 1900            |
| S792521            |                          | 2.22                | <0.005         |                 | <0.2            | 2.25          | 13              | <10            | 20              | 0.7             | <2              | 0.87          | <0.5            | 8               | 9               | 241             |
| S792522            |                          | 2.11                | 0.005          |                 | 0.6             | 0.98          | 21              | 10             | 50              | 0.8             | <2              | 3.97          | 0.5             | 13              | 2               | 308             |
| S792523            |                          | 1.90                | 0.017          |                 | 1.0             | 1.91          | 20              | <10            | 40              | 1.1             | <2              | 1.29          | 0.7             | 16              | 3               | 337             |
| S792524            |                          | 2.03                | 0.012          |                 | 0.8             | 1.30          | 35              | <10            | 120             | 1.7             | <2              | 10.7          | 3.7             | 20              | 3               | 796             |
| S792525            |                          | 2.22                | 0.015          |                 | 0.2             | 1.55          | 15              | <10            | 40              | 1.4             | <2              | 3.41          | 1.3             | 28              | 3               | 983             |
| S792526            |                          | 3.04                | 0.007          |                 | 0.4             | 1.96          | 96              | <10            | 110             | 1.6             | <2              | 4.59          | 1.6             | 20              | 4               | 1140            |
| S792527            |                          | 2.68                | 0.007          |                 | 0.5             | 1.99          | 29              | <10            | 40              | 0.7             | <2              | 3.36          | 1.0             | 31              | 4               | 780             |
| S792528            |                          | 2.28                | <0.005         |                 | 0.4             | 1.81          | 22              | <10            | 120             | 2.8             | <2              | 8.2           | 1.0             | 89              | 5               | 2180            |
| S792529            |                          | 1.81                | 0.008          |                 | 0.5             | 1.56          | 25              | <10            | 30              | 0.6             | <2              | 4.33          | 0.5             | 26              | 7               | 571             |
| S792530            |                          | 2.25                | 0.007          |                 | 0.8             | 1.98          | 38              | <10            | 50              | 0.8             | <2              | 2.44          | 0.9             | 22              | 3               | 510             |





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

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**CERTIFICATE OF ANALYSIS KL16102326**

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|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    |                          | Fe %     | Ga ppm   | Hg ppm   | K %      | La ppm   | Mg %     | Mn ppm   | Mo ppm   | Na %     | Ni ppm   | P ppm    | Pb ppm   | S %      | Sb ppm   | Sc ppm |
| S792482            |                          | 3.63     | 10       | <1       | 0.15     | 180      | 0.30     | 9210     | 110      | 0.01     | 34       | 490      | 110      | 0.32     | <2       | 4      |
| S792483            |                          | 5.62     | 10       | <1       | 0.20     | 20       | 1.30     | 587      | 15       | 0.06     | 4        | 2000     | 5        | 1.50     | <2       | 7      |
| S792484            |                          | 2.29     | <10      | <1       | 0.01     | 50       | 0.41     | 5040     | 4        | 0.01     | 5        | 40       | 10       | 0.14     | <2       | 6      |
| S792485            |                          | 3.20     | <10      | <1       | 0.09     | 110      | 0.39     | 7030     | 12       | 0.01     | 12       | 380      | 46       | 0.38     | 3        | 6      |
| S792486            |                          | 3.59     | <10      | <1       | 0.10     | 110      | 0.39     | 6950     | 32       | <0.01    | 12       | 310      | 203      | 0.82     | 11       | 4      |
| S792487            |                          | 4.13     | 10       | <1       | 0.21     | 20       | 0.95     | 622      | 39       | 0.05     | 4        | 1790     | 11       | 1.31     | <2       | 4      |
| S792488            |                          | 3.99     | 10       | <1       | 0.26     | 20       | 0.95     | 2720     | 116      | 0.03     | 13       | 1720     | 266      | 2.06     | <2       | 5      |
| S792489            |                          | 5.83     | 10       | <1       | 0.28     | 20       | 1.73     | 1190     | 15       | 0.05     | 12       | 2930     | 9        | 2.71     | <2       | 10     |
| S792490            |                          | 5.72     | 10       | <1       | 0.29     | 20       | 1.90     | 1170     | 11       | 0.05     | 13       | 2780     | 13       | 3.04     | <2       | 12     |
| S792491            |                          | 4.75     | 10       | <1       | 0.25     | 30       | 1.37     | 994      | 16       | 0.02     | 12       | 3000     | 24       | 1.78     | 2        | 9      |
| S792501            |                          | 2.45     | 10       | <1       | 0.09     | 30       | 0.55     | 1010     | <1       | 0.05     | 3        | 1590     | 17       | 0.10     | 15       | 5      |
| S792502            |                          | 5.23     | 10       | <1       | 0.15     | 10       | 1.02     | 309      | 17       | 0.06     | 3        | 2160     | 4        | 1.48     | <2       | 6      |
| S792503            |                          | 5.17     | 10       | <1       | 0.36     | 20       | 1.64     | 923      | 1        | 0.13     | 8        | 2610     | 4        | 2.30     | <2       | 5      |
| S792504            |                          | 4.88     | 10       | <1       | 0.15     | 10       | 0.93     | 380      | 15       | 0.07     | 4        | 2390     | 4        | 2.23     | <2       | 3      |
| S792505            |                          | 3.22     | 10       | <1       | 0.18     | 50       | 0.78     | 353      | 16       | 0.05     | 5        | 1020     | 8        | 1.59     | <2       | 2      |
| S792506            |                          | 4.09     | 10       | <1       | 0.19     | 30       | 0.97     | 527      | 12       | 0.05     | 5        | 1430     | 15       | 2.21     | <2       | 2      |
| S792507            |                          | 1.37     | 10       | 8        | 0.05     | 20       | 0.10     | 3290     | 379      | <0.01    | 3        | 120      | >10000   | 3.31     | 613      | <1     |
| S792508            |                          | 3.49     | 10       | <1       | 0.54     | 30       | 1.81     | 845      | 26       | 0.05     | 6        | 1810     | 436      | 0.97     | 2        | 7      |
| S792509            |                          | 5.15     | 10       | <1       | 0.27     | 30       | 1.32     | 1600     | 38       | 0.05     | 6        | 2300     | 103      | 2.82     | <2       | 7      |
| S792510            |                          | 2.97     | <10      | <1       | 0.17     | 540      | 0.33     | 4600     | 117      | <0.01    | 33       | 490      | 26       | 0.81     | <2       | 2      |
| S792511            |                          | 3.71     | 10       | <1       | 0.26     | 130      | 0.88     | 2910     | 30       | 0.03     | 17       | 1290     | 23       | 1.72     | <2       | 3      |
| S792512            |                          | 2.18     | <10      | <1       | 0.19     | 190      | 0.32     | 2160     | 27       | 0.02     | 24       | 660      | 7        | 0.91     | 2        | 1      |
| S792513            |                          | 5.80     | 10       | <1       | 0.17     | 20       | 1.60     | 1140     | 12       | 0.05     | 10       | 2280     | 22       | 3.46     | 2        | 8      |
| S792514            |                          | 1.76     | <10      | 1        | 0.10     | 190      | 0.20     | 4520     | 19       | 0.01     | 15       | 170      | 56       | 0.52     | <2       | <1     |
| S792515            |                          | 1.71     | <10      | 1        | 0.11     | 150      | 0.12     | 5320     | 25       | <0.01    | 27       | 280      | 244      | 0.69     | <2       | 1      |
| S792516            |                          | 3.17     | 10       | <1       | 0.13     | 60       | 0.95     | 1010     | 8        | 0.05     | 10       | 1200     | 6        | 1.77     | <2       | 5      |
| S792517            |                          | 2.95     | 10       | 1        | 0.19     | 50       | 1.32     | 1010     | 16       | 0.06     | 7        | 1360     | 9        | 1.22     | <2       | 3      |
| S792518            |                          | 1.82     | <10      | <1       | 0.05     | 50       | 0.27     | 5940     | 17       | <0.01    | 11       | 130      | 60       | 0.44     | <2       | <1     |
| S792519            |                          | 4.53     | 10       | 1        | 0.25     | 50       | 0.61     | 799      | 14       | 0.01     | 8        | 1020     | 22       | 2.10     | <2       | 2      |
| S792520            |                          | 2.64     | <10      | <1       | 0.17     | 60       | 0.27     | 5020     | 97       | 0.01     | 17       | 640      | 292      | 1.34     | 3        | 3      |
| S792521            |                          | 5.40     | 10       | <1       | 0.12     | 10       | 1.34     | 549      | 15       | 0.05     | 4        | 2920     | 6        | 0.51     | <2       | 10     |
| S792522            |                          | 3.35     | <10      | <1       | 0.31     | 40       | 0.28     | 1040     | 37       | <0.01    | 4        | 840      | 9        | 2.56     | <2       | 1      |
| S792523            |                          | 4.21     | 10       | 1        | 0.25     | 30       | 1.55     | 1070     | 894      | 0.04     | 4        | 2380     | 17       | 1.23     | <2       | 7      |
| S792524            |                          | 3.47     | <10      | <1       | 0.18     | 40       | 0.51     | 4000     | 22       | 0.01     | 14       | 1060     | 107      | 1.59     | <2       | 3      |
| S792525            |                          | 3.98     | 10       | <1       | 0.24     | 80       | 0.89     | 1400     | 31       | 0.03     | 11       | 1350     | 8        | 1.89     | <2       | 4      |
| S792526            |                          | 4.45     | 10       | <1       | 0.49     | 50       | 1.28     | 2300     | 11       | 0.03     | 15       | 2590     | 21       | 1.87     | <2       | 7      |
| S792527            |                          | 6.03     | 10       | 1        | 0.30     | 20       | 1.75     | 1280     | 116      | 0.06     | 9        | 2780     | 11       | 3.62     | <2       | 9      |
| S792528            |                          | 4.26     | <10      | <1       | 0.26     | 70       | 0.45     | 11900    | 176      | 0.02     | 32       | 1260     | 12       | 2.14     | <2       | 4      |
| S792529            |                          | 6.20     | 10       | <1       | 0.21     | 20       | 1.46     | 1160     | 16       | 0.04     | 11       | 2130     | 10       | 3.65     | <2       | 8      |
| S792530            |                          | 5.05     | 10       | <1       | 0.22     | 20       | 1.36     | 1150     | 2        | 0.05     | 6        | 2520     | 17       | 2.30     | <2       | 8      |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Pb-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                          | Sr       | Th       | Ti       | Ti       | U        | V        | W        | Zn       | Ag      | Pb      | Zn      |
|                    |                          | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                          | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792482            |                          | 166      | <20      | <0.01    | <10      | <10      | 30       | <10      | 921      |         |         |         |
| S792483            |                          | 53       | <20      | 0.29     | <10      | <10      | 181      | <10      | 44       |         |         |         |
| S792484            |                          | 528      | <20      | <0.01    | <10      | <10      | 25       | <10      | 79       |         |         |         |
| S792485            |                          | 498      | <20      | 0.02     | <10      | <10      | 50       | <10      | 368      |         |         |         |
| S792486            |                          | 246      | <20      | <0.01    | <10      | <10      | 24       | <10      | 838      |         |         |         |
| S792487            |                          | 40       | <20      | 0.17     | <10      | <10      | 138      | <10      | 42       |         |         |         |
| S792488            |                          | 633      | <20      | 0.14     | <10      | <10      | 105      | <10      | 993      |         |         |         |
| S792489            |                          | 100      | <20      | 0.23     | <10      | <10      | 179      | <10      | 91       |         |         |         |
| S792490            |                          | 83       | <20      | 0.23     | <10      | <10      | 186      | <10      | 112      |         |         |         |
| S792491            |                          | 55       | <20      | 0.13     | <10      | <10      | 182      | <10      | 157      |         |         |         |
| S792501            |                          | 47       | <20      | 0.10     | <10      | <10      | 123      | <10      | 44       |         |         |         |
| S792502            |                          | 33       | <20      | 0.22     | <10      | <10      | 151      | <10      | 33       |         |         |         |
| S792503            |                          | 118      | <20      | 0.25     | <10      | <10      | 162      | <10      | 89       |         |         |         |
| S792504            |                          | 94       | <20      | 0.19     | <10      | <10      | 91       | <10      | 39       |         |         |         |
| S792505            |                          | 41       | <20      | 0.17     | <10      | <10      | 102      | <10      | 39       |         |         |         |
| S792506            |                          | 56       | <20      | 0.23     | <10      | <10      | 120      | <10      | 86       |         |         |         |
| S792507            |                          | 187      | <20      | <0.01    | <10      | <10      | 6        | <10      | >10000   | 414     | 20.6    | 20.2    |
| S792508            |                          | 57       | <20      | 0.29     | <10      | <10      | 182      | <10      | 654      |         |         |         |
| S792509            |                          | 79       | <20      | 0.10     | <10      | <10      | 149      | <10      | 227      |         |         |         |
| S792510            |                          | 119      | <20      | 0.01     | <10      | <10      | 25       | <10      | 291      |         |         |         |
| S792511            |                          | 120      | <20      | 0.07     | <10      | <10      | 84       | <10      | 198      |         |         |         |
| S792512            |                          | 43       | <20      | <0.01    | <10      | <10      | 27       | <10      | 218      |         |         |         |
| S792513            |                          | 96       | <20      | 0.19     | <10      | <10      | 158      | <10      | 103      |         |         |         |
| S792514            |                          | 179      | <20      | <0.01    | <10      | <10      | 7        | <10      | 388      |         |         |         |
| S792515            |                          | 143      | <20      | <0.01    | <10      | <10      | 6        | <10      | 382      |         |         |         |
| S792516            |                          | 74       | <20      | 0.14     | <10      | <10      | 99       | <10      | 151      |         |         |         |
| S792517            |                          | 86       | <20      | 0.20     | <10      | <10      | 122      | <10      | 132      |         |         |         |
| S792518            |                          | 289      | <20      | <0.01    | <10      | <10      | 5        | <10      | 3250     |         |         |         |
| S792519            |                          | 40       | <20      | 0.01     | <10      | <10      | 44       | <10      | 166      |         |         |         |
| S792520            |                          | 97       | <20      | 0.01     | <10      | <10      | 27       | <10      | 1110     |         |         |         |
| S792521            |                          | 85       | <20      | 0.15     | <10      | <10      | 195      | <10      | 48       |         |         |         |
| S792522            |                          | 70       | <20      | <0.01    | <10      | <10      | 10       | <10      | 31       |         |         |         |
| S792523            |                          | 31       | <20      | 0.18     | <10      | <10      | 170      | <10      | 98       |         |         |         |
| S792524            |                          | 165      | <20      | 0.01     | <10      | <10      | 29       | <10      | 437      |         |         |         |
| S792525            |                          | 58       | <20      | 0.03     | <10      | <10      | 96       | <10      | 148      |         |         |         |
| S792526            |                          | 90       | <20      | 0.07     | <10      | <10      | 125      | <10      | 260      |         |         |         |
| S792527            |                          | 87       | <20      | 0.20     | <10      | <10      | 173      | <10      | 111      |         |         |         |
| S792528            |                          | 146      | <20      | 0.03     | <10      | <10      | 66       | <10      | 147      |         |         |         |
| S792529            |                          | 94       | <20      | 0.11     | <10      | <10      | 134      | <10      | 59       |         |         |         |
| S792530            |                          | 86       | <20      | 0.23     | <10      | <10      | 177      | <10      | 168      |         |         |         |



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

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**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg | Au-AA24<br>Au<br>g/t | Au-GRA22<br>Au<br>g/t | ME-ICP41<br>Ag<br>ppm | ME-ICP41<br>Al<br>% | ME-ICP41<br>As<br>ppm | ME-ICP41<br>B<br>ppm | ME-ICP41<br>Ba<br>ppm | ME-ICP41<br>Be<br>ppm | ME-ICP41<br>Bi<br>ppm | ME-ICP41<br>Ca<br>% | ME-ICP41<br>Cd<br>ppm | ME-ICP41<br>Co<br>ppm | ME-ICP41<br>Cr<br>ppm | ME-ICP41<br>Cu<br>ppm |
|--------------------|-----------------------------------|---------------------------|----------------------|-----------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                    |                                   | 0.02                      | 0.005                | 0.05                  | 0.2                   | 0.01                | 2                     | 10                   | 10                    | 0.5                   | 2                     | 0.01                | 0.5                   | 1                     | 1                     | 1                     |
| S792531            |                                   | 1.76                      | 0.007                |                       | 0.9                   | 1.72                | 56                    | <10                  | 50                    | 0.7                   | <2                    | 1.76                | <0.5                  | 18                    | 4                     | 618                   |
| S792532            |                                   | 1.93                      | <0.005               |                       | 1.3                   | 1.41                | 523                   | 10                   | 100                   | 1.6                   | <2                    | 15.1                | 0.9                   | 8                     | 1                     | 648                   |
| S792551            |                                   | 1.63                      | <0.005               |                       | <0.2                  | 0.91                | 95                    | <10                  | 200                   | <0.5                  | 3                     | 14.4                | <0.5                  | 3                     | 6                     | 54                    |
| S792552            |                                   | 1.58                      | <0.005               |                       | <0.2                  | 1.45                | 12                    | <10                  | 40                    | 0.6                   | <2                    | 3.86                | <0.5                  | 15                    | 5                     | 208                   |
| S792553            |                                   | 1.47                      | 0.005                |                       | 0.3                   | 1.43                | 8                     | <10                  | 60                    | 0.6                   | 2                     | 0.50                | <0.5                  | 23                    | 6                     | 409                   |
| S792554            |                                   | 1.66                      | 0.007                |                       | 0.4                   | 1.50                | 7                     | <10                  | 80                    | 0.5                   | 2                     | 2.60                | <0.5                  | 19                    | 10                    | 439                   |
| S792556            |                                   | 1.20                      | 0.026                |                       | 0.6                   | 2.17                | 7                     | <10                  | 170                   | 0.6                   | <2                    | 0.79                | <0.5                  | 20                    | 6                     | 1020                  |

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

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**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  |           |
|--------------------|-----------------------------------|----------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|
|                    |                                   | Fe<br>%  | Ga<br>ppm | Hg<br>ppm | K<br>%   | La<br>ppm | Mg<br>%  | Mn<br>ppm | Mo<br>ppm | Na<br>%  | Ni<br>ppm | P<br>ppm | Pb<br>ppm | S<br>%   | Sb<br>ppm | Sc<br>ppm |
|                    |                                   | 0.01     | 10        | 1         | 0.01     | 10        | 0.01     | 5         | 1         | 0.01     | 1         | 10       | 2         | 0.01     | 2         | 1         |
| S792531            |                                   | 5.32     | 10        | <1        | 0.25     | 20        | 1.28     | 977       | 6         | 0.04     | 6         | 2210     | 10        | 2.35     | <2        | 6         |
| S792532            |                                   | 6.23     | 10        | <1        | 0.13     | 40        | 0.61     | 3240      | 18        | 0.01     | 15        | 990      | 17        | 2.88     | 5         | 4         |
| S792551            |                                   | 3.76     | <10       | <1        | 0.10     | 10        | 1.29     | 3830      | 2         | <0.01    | 1         | 470      | 3         | 0.54     | <2        | 3         |
| S792552            |                                   | 3.79     | 10        | <1        | 0.23     | 30        | 1.11     | 1140      | 3         | 0.06     | 6         | 2060     | 7         | 0.84     | 2         | 8         |
| S792553            |                                   | 3.99     | 10        | <1        | 0.32     | 20        | 1.05     | 452       | 8         | 0.07     | 4         | 1740     | 7         | 1.65     | <2        | 5         |
| S792554            |                                   | 4.41     | 10        | <1        | 0.49     | 20        | 1.33     | 1020      | 3         | 0.07     | 9         | 2560     | 11        | 2.02     | 2         | 10        |
| S792556            |                                   | 4.81     | 10        | <1        | 0.84     | 20        | 2.07     | 785       | 4         | 0.06     | 6         | 2730     | 6         | 1.60     | <2        | 12        |

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ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16102326**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Pb-AA62 | Zn-AA62 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                                   | Sr       | Th       | Ti       | Tl       | U        | V        | W        | Zn       | Ag      | Pb      | Zn      |
|                    |                                   | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                                   | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792531            |                                   | 45       | <20      | 0.11     | <10      | <10      | 139      | <10      | 74       |         |         |         |
| S792532            |                                   | 224      | <20      | <0.01    | <10      | <10      | 50       | <10      | 123      |         |         |         |
| S792551            |                                   | 243      | <20      | <0.01    | <10      | <10      | 18       | <10      | 61       |         |         |         |
| S792552            |                                   | 70       | <20      | 0.11     | <10      | <10      | 148      | <10      | 134      |         |         |         |
| S792553            |                                   | 27       | <20      | 0.14     | <10      | <10      | 166      | <10      | 58       |         |         |         |
| S792554            |                                   | 52       | <20      | 0.24     | <10      | <10      | 175      | <10      | 164      |         |         |         |
| S792556            |                                   | 29       | <20      | 0.33     | <10      | <10      | 221      | <10      | 101      |         |         |         |

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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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|--------------------|---|----------|----------|----------|----------|---------|---------|--------|--------|
|                    | <b>LABORATORY ADDRESSES</b>   |          |          |          |          |         |         |        |        |
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>    | BAG-01   | CRU-32   | CRU-QC   | LOG-22   | PUL-35a | PUL-QC  | SPL-21 | WEI-21 |
| BAG-01             | CRU-32  | CRU-QC   | LOG-22   |          |          |         |         |        |        |
| PUL-35a            | PUL-QC  | SPL-21   | WEI-21   |          |          |         |         |        |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA62</td> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">Au-GRA22</td> <td style="width: 15%;">ME-ICP41</td> </tr> <tr> <td>Pb-AA62</td> <td>Zn-AA62</td> <td></td> <td></td> </tr> </table> | Ag-AA62  | Au-AA24  | Au-GRA22 | ME-ICP41 | Pb-AA62 | Zn-AA62 |        |        |
| Ag-AA62            | Au-AA24   | Au-GRA22 | ME-ICP41 |          |          |         |         |        |        |
| Pb-AA62            | Zn-AA62   |          |          |          |          |         |         |        |        |



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**CERTIFICATE KL16102953**

Project: Spectrum  
 P.O. No.: SP-R16-02  
 This report is for 144 Rock samples submitted to our lab in Kamloops, BC, Canada on 28-JUN-2016.  
 The following have access to data associated with this certificate:

|                              |                               |                             |
|------------------------------|-------------------------------|-----------------------------|
| PAUL BAXTER<br>COLIN RUSSELL | MIKE CATHRO<br>JACQUES STACEY | RAEGAN MARKEL<br>JOHN TYLER |
|------------------------------|-------------------------------|-----------------------------|

| <b>SAMPLE PREPARATION</b> |                                |
|---------------------------|--------------------------------|
| ALS CODE                  | DESCRIPTION                    |
| WEI-21                    | Received Sample Weight         |
| LOG-22                    | Sample login - Rcd w/o BarCode |
| CRU-QC                    | Crushing QC Test               |
| PUL-QC                    | Pulverizing QC Test            |
| CRU-32                    | Fine Crushing 90% <2mm         |
| SPL-21                    | Split sample - riffle splitter |
| PUL-35a                   | Pulv 1 kg split to 95%<106 um  |
| BAG-01                    | Bulk Master for Storage        |

| <b>ANALYTICAL PROCEDURES</b> |                                |            |
|------------------------------|--------------------------------|------------|
| ALS CODE                     | DESCRIPTION                    | INSTRUMENT |
| Au-GRA22                     | Au 50 g FA-GRAV finish         | WST-SIM    |
| ME-ICP41                     | 35 Element Aqua Regia ICP-AES  | ICP-AES    |
| Aq-AA62                      | Ore grade Ag - four acid / AAS | AAS        |
| Cu-AA62                      | Ore grade Cu - four acid / AAS | AAS        |
| Zn-AA62                      | Ore grade Zn - four acid / AAS | AAS        |
| Au-AA24                      | Au 50g FA AA finish            | AAS        |

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | WEI-21       | Au-AA24 | Au-GRA22 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|--------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    |                          | Recvd Wt. kg | Au g/t  | Au g/t   | Ag ppm   | Al %     | As ppm   | B ppm    | Ba ppm   | Be ppm   | Bi ppm   | Ca %     | Cd ppm   | Co ppm   | Cr ppm   | Cu ppm   |
|                    |                          | 0.02         | 0.005   | 0.05     | 0.2      | 0.01     | 2        | 10       | 10       | 0.5      | 2        | 0.01     | 0.5      | 1        | 1        | 1        |
| S792492            |                          | 2.01         | <0.005  |          | <0.2     | 2.05     | 11       | <10      | 20       | <0.5     | <2       | 8.1      | <0.5     | 11       | 18       | 68       |
| S792493            |                          | 1.79         | <0.005  |          | <0.2     | 2.37     | 9        | <10      | 50       | <0.5     | 2        | 8.6      | <0.5     | 15       | 15       | 37       |
| S792494            |                          | 1.87         | <0.005  |          | <0.2     | 1.97     | 9        | <10      | 30       | <0.5     | 2        | 10.8     | <0.5     | 14       | 20       | 8        |
| S792495            |                          | 1.95         | <0.005  |          | 0.3      | 2.36     | 9        | <10      | 60       | <0.5     | <2       | 5.28     | <0.5     | 21       | 20       | 177      |
| S792496            |                          | 1.63         | <0.005  |          | <0.2     | 2.62     | 4        | <10      | 80       | <0.5     | 3        | 4.64     | <0.5     | 14       | 15       | 101      |
| S792497            |                          | 1.71         | 0.014   |          | 0.4      | 2.41     | 8        | <10      | 100      | 0.6      | <2       | 3.65     | <0.5     | 17       | 14       | 92       |
| S792498            |                          | 1.71         | 0.021   |          | 0.2      | 2.21     | 6        | <10      | 60       | 0.6      | <2       | 2.70     | <0.5     | 16       | 32       | 75       |
| S792499            |                          | 2.07         | 0.012   |          | <0.2     | 2.37     | 10       | <10      | 100      | <0.5     | <2       | 2.51     | <0.5     | 16       | 40       | 161      |
| S792500            |                          | 1.84         | 0.006   |          | <0.2     | 2.12     | 8        | <10      | 70       | <0.5     | <2       | 5.10     | <0.5     | 14       | 33       | 76       |
| S792533            |                          | 0.86         | <0.005  |          | <0.2     | 1.90     | 15       | <10      | 30       | 0.5      | <2       | 2.85     | <0.5     | 16       | 10       | 77       |
| S792534            |                          | 1.80         | 0.013   |          | 1.8      | 0.97     | 54       | <10      | 30       | <0.5     | <2       | 0.20     | <0.5     | 6        | 18       | 51       |
| S792535            |                          | 1.39         | <0.005  |          | <0.2     | 2.14     | 20       | <10      | 50       | <0.5     | <2       | 3.52     | <0.5     | 11       | 16       | 98       |
| S792536            |                          | 2.38         | 0.116   |          | 5.5      | 0.61     | 189      | <10      | 20       | <0.5     | <2       | 1.82     | <0.5     | 7        | 18       | 36       |
| S792537            |                          | 1.83         | <0.005  |          | 0.5      | 2.22     | 46       | <10      | 20       | 0.5      | <2       | 4.15     | <0.5     | 19       | 29       | 82       |
| S792538            |                          | 1.95         | <0.005  |          | <0.2     | 1.50     | 9        | <10      | 30       | <0.5     | <2       | 4.85     | <0.5     | 8        | 22       | 363      |
| S792539            |                          | 1.35         | <0.005  |          | <0.2     | 2.53     | 40       | <10      | 50       | <0.5     | <2       | 3.24     | <0.5     | 19       | 17       | 81       |
| S792540            |                          | 1.40         | <0.005  |          | 0.2      | 2.20     | 60       | <10      | 30       | 0.5      | <2       | 4.71     | 0.7      | 18       | 15       | 109      |
| S792541            |                          | 1.97         | <0.005  |          | 0.7      | 1.86     | 26       | <10      | 30       | <0.5     | <2       | 0.70     | <0.5     | 14       | 25       | 65       |
| S792542            |                          | 1.58         | <0.005  |          | <0.2     | 0.80     | 25       | <10      | 10       | <0.5     | 2        | 18.4     | <0.5     | 5        | 14       | 35       |
| S792543            |                          | 1.76         | <0.005  |          | 0.2      | 2.10     | 46       | <10      | 40       | <0.5     | <2       | 3.97     | <0.5     | 19       | 31       | 76       |
| S792544            |                          | 1.80         | <0.005  |          | 0.4      | 2.47     | 19       | <10      | 70       | 0.5      | <2       | 1.99     | 0.5      | 19       | 25       | 102      |
| S792545            |                          | 1.57         | 0.010   |          | <0.2     | 2.74     | 2        | <10      | 70       | <0.5     | <2       | 2.54     | <0.5     | 20       | 47       | 77       |
| S792546            |                          | 1.11         | <0.005  |          | 0.2      | 0.21     | 20       | <10      | 20       | <0.5     | <2       | 18.5     | <0.5     | 2        | 5        | 24       |
| S792547            |                          | 1.42         | 0.006   |          | 0.2      | 1.92     | 6        | <10      | 50       | <0.5     | <2       | 5.43     | <0.5     | 20       | 14       | 98       |
| S792548            |                          | 1.35         | <0.005  |          | 1.0      | 0.89     | 14       | <10      | 140      | 0.5      | <2       | 14.7     | <0.5     | 12       | 3        | 65       |
| S792549            |                          | 1.63         | 0.016   |          | 2.2      | 0.78     | 307      | <10      | 100      | 0.5      | 14       | 8.3      | <0.5     | 20       | 1        | 225      |
| S792550            |                          | 1.76         | <0.005  |          | 0.2      | 2.40     | 8        | <10      | 230      | 0.6      | <2       | 5.36     | <0.5     | 21       | 2        | 183      |
| S792557            |                          | 1.91         | 0.008   |          | 0.5      | 2.52     | 8        | 10       | 70       | 0.9      | <2       | 2.00     | <0.5     | 19       | 10       | 453      |
| S792558            |                          | 1.64         | 0.013   |          | 1.9      | 1.74     | 154      | <10      | 30       | <0.5     | 3        | 1.67     | 0.6      | 18       | 25       | 102      |
| S792559            |                          | 1.23         | 0.006   |          | 1.7      | 2.23     | 51       | <10      | 20       | <0.5     | 2        | 0.25     | 0.7      | 17       | 17       | 118      |
| S792560            |                          | 1.56         | <0.005  |          | 0.6      | 2.53     | 17       | <10      | 60       | 0.5      | 2        | 2.92     | <0.5     | 23       | 13       | 188      |
| S792561            |                          | 1.93         | <0.005  |          | 1.8      | 2.21     | 22       | <10      | 60       | 0.5      | 4        | 2.83     | 0.9      | 24       | 19       | 159      |
| S792562            |                          | 1.59         | <0.005  |          | 0.2      | 2.54     | 10       | <10      | 20       | 0.5      | 3        | 1.38     | 0.9      | 20       | 12       | 134      |
| S792563            |                          | 1.29         | 0.008   |          | 0.4      | 2.17     | 6        | <10      | 40       | 0.6      | 2        | 1.77     | 0.8      | 16       | 10       | 98       |
| S792564            |                          | 1.12         | 0.020   |          | 0.4      | 2.51     | 3        | <10      | 70       | 0.6      | 3        | 2.63     | <0.5     | 18       | 11       | 147      |
| S792565            |                          | 0.99         | <0.005  |          | <0.2     | 2.22     | 3        | <10      | 50       | <0.5     | <2       | 2.93     | <0.5     | 13       | 20       | 37       |
| S792566            |                          | 1.03         | <0.005  |          | 0.2      | 1.07     | 15       | <10      | 30       | <0.5     | 2        | 2.50     | 0.5      | 7        | 20       | 26       |
| S792567            |                          | 2.20         | 9.69    |          | >100     | 0.30     | 71       | <10      | 20       | <0.5     | 106      | 4.43     | 42.5     | 63       | 4        | >10000   |
| S792568            |                          | 1.83         | 0.571   |          | 5.2      | 1.47     | 5        | <10      | 60       | 0.5      | 6        | 3.81     | 0.8      | 6        | 25       | 5830     |
| S792569            |                          | 1.70         | >10.0   | 10.50    | >100     | 0.37     | 66       | 10       | 20       | <0.5     | 200      | 2.79     | 2.8      | 45       | 6        | >10000   |





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**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |        |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    |                          | Fe %     | Ga ppm   | Hg ppm   | K %      | La ppm   | Mg %     | Mn ppm   | Mo ppm   | Na %     | Ni ppm   | P ppm    | Pb ppm   | S %      | Sb ppm   | Sc ppm |
| S792492            |                          | 3.51     | 10       | <1       | 0.08     | 10       | 1.57     | 792      | <1       | 0.05     | 9        | 1480     | 2        | 0.31     | 3        | 12     |
| S792493            |                          | 4.60     | 10       | <1       | 0.08     | <10      | 1.75     | 848      | 1        | 0.09     | 9        | 1080     | 3        | 0.41     | 4        | 11     |
| S792494            |                          | 2.90     | 10       | <1       | 0.08     | 10       | 1.92     | 841      | <1       | 0.04     | 9        | 990      | 3        | 0.27     | <2       | 11     |
| S792495            |                          | 4.76     | 10       | <1       | 0.06     | <10      | 2.06     | 772      | 1        | 0.15     | 11       | 1210     | 10       | 1.44     | 6        | 16     |
| S792496            |                          | 4.92     | 10       | <1       | 0.07     | <10      | 2.22     | 938      | 1        | 0.15     | 9        | 1290     | 7        | 1.12     | 2        | 15     |
| S792497            |                          | 5.63     | 10       | <1       | 0.15     | 10       | 1.75     | 714      | <1       | 0.06     | 12       | 1480     | 6        | 1.50     | 5        | 13     |
| S792498            |                          | 5.03     | 10       | <1       | 0.12     | 10       | 1.84     | 610      | 1        | 0.06     | 17       | 1420     | 3        | 1.45     | 3        | 13     |
| S792499            |                          | 5.13     | 10       | <1       | 0.11     | 10       | 1.78     | 607      | 3        | 0.14     | 28       | 1230     | 6        | 1.50     | 3        | 12     |
| S792500            |                          | 4.72     | 10       | <1       | 0.10     | <10      | 1.91     | 615      | 1        | 0.05     | 21       | 1080     | 3        | 1.46     | 2        | 11     |
| S792533            |                          | 4.97     | 10       | <1       | 0.10     | 10       | 1.35     | 739      | <1       | 0.05     | 14       | 1310     | 3        | 0.67     | 4        | 15     |
| S792534            |                          | 3.06     | <10      | <1       | 0.15     | 10       | 0.38     | 205      | 1        | 0.05     | 10       | 940      | 13       | 0.47     | 7        | 4      |
| S792535            |                          | 4.23     | 10       | <1       | 0.12     | 10       | 1.48     | 711      | 1        | 0.04     | 15       | 1410     | 3        | 0.02     | 3        | 12     |
| S792536            |                          | 3.11     | <10      | 1        | 0.08     | <10      | 0.28     | 532      | 2        | 0.03     | 6        | 550      | 20       | 1.18     | 29       | 2      |
| S792537            |                          | 5.09     | 10       | <1       | 0.08     | 10       | 1.53     | 1040     | 1        | 0.05     | 16       | 1480     | 11       | 0.74     | 12       | 14     |
| S792538            |                          | 3.06     | 10       | <1       | 0.09     | 10       | 1.01     | 744      | <1       | 0.05     | 12       | 970      | 3        | 0.18     | <2       | 11     |
| S792539            |                          | 4.51     | 10       | <1       | 0.10     | 10       | 2.08     | 898      | 1        | 0.06     | 13       | 1290     | 7        | 0.58     | 5        | 12     |
| S792540            |                          | 4.74     | 10       | <1       | 0.11     | 10       | 1.51     | 1065     | 1        | 0.05     | 12       | 1460     | 7        | 0.66     | 2        | 11     |
| S792541            |                          | 4.32     | 10       | <1       | 0.07     | 10       | 1.14     | 467      | 1        | 0.07     | 12       | 1210     | 7        | 0.37     | 6        | 9      |
| S792542            |                          | 3.26     | <10      | <1       | 0.06     | <10      | 0.37     | 1555     | 14       | 0.01     | 30       | 680      | 5        | 1.17     | 7        | 4      |
| S792543            |                          | 4.61     | 10       | <1       | 0.09     | 10       | 1.84     | 943      | 1        | 0.06     | 16       | 1250     | 7        | 1.34     | 7        | 12     |
| S792544            |                          | 4.96     | 10       | <1       | 0.11     | 10       | 2.05     | 734      | 1        | 0.06     | 16       | 1460     | 4        | 0.87     | <2       | 13     |
| S792545            |                          | 6.03     | 10       | <1       | 0.08     | <10      | 2.47     | 938      | 1        | 0.11     | 27       | 1160     | 3        | 2.04     | <2       | 19     |
| S792546            |                          | 5.31     | <10      | <1       | 0.05     | 10       | 3.03     | 3900     | 1        | 0.01     | 4        | 370      | 7        | 0.17     | 3        | 2      |
| S792547            |                          | 5.51     | 10       | <1       | 0.08     | 10       | 1.91     | 1490     | 1        | 0.06     | 9        | 1190     | 4        | 1.81     | 4        | 13     |
| S792548            |                          | 4.83     | <10      | <1       | 0.12     | 10       | 0.44     | 2980     | 1        | 0.01     | 5        | 980      | 4        | 0.02     | <2       | 7      |
| S792549            |                          | 2.33     | <10      | <1       | 0.16     | 10       | 0.67     | 1870     | 1        | 0.02     | 6        | 1960     | 16       | 0.05     | 2        | 12     |
| S792550            |                          | 5.41     | 10       | <1       | 0.27     | 10       | 1.21     | 1160     | <1       | 0.06     | 6        | 1870     | 3        | 0.01     | <2       | 12     |
| S792557            |                          | 5.91     | 10       | <1       | 0.57     | 20       | 1.67     | 1255     | 4        | 0.09     | 7        | 2880     | 6        | 2.16     | <2       | 6      |
| S792558            |                          | 4.91     | 10       | <1       | 0.09     | 10       | 1.32     | 691      | 1        | 0.04     | 11       | 1700     | 15       | 1.45     | 19       | 9      |
| S792559            |                          | 5.45     | 10       | <1       | 0.10     | 10       | 1.76     | 411      | 1        | 0.04     | 9        | 1380     | 12       | 1.89     | 11       | 11     |
| S792560            |                          | 5.32     | 10       | <1       | 0.43     | 10       | 1.98     | 1115     | 1        | 0.14     | 12       | 1940     | 3        | 0.53     | 17       | 16     |
| S792561            |                          | 5.24     | 10       | <1       | 0.26     | 10       | 1.77     | 1110     | 1        | 0.12     | 15       | 1760     | 8        | 1.28     | 6        | 12     |
| S792562            |                          | 6.20     | 10       | <1       | 0.06     | 10       | 2.32     | 892      | 1        | 0.05     | 12       | 1680     | 6        | 0.95     | 6        | 14     |
| S792563            |                          | 4.81     | 10       | <1       | 0.14     | 10       | 1.55     | 1060     | 1        | 0.08     | 10       | 1930     | 5        | 0.38     | <2       | 12     |
| S792564            |                          | 5.46     | 10       | <1       | 0.32     | 10       | 1.82     | 1175     | 2        | 0.14     | 12       | 1830     | 3        | 0.31     | <2       | 16     |
| S792565            |                          | 4.48     | 10       | <1       | 0.11     | 10       | 1.65     | 785      | 1        | 0.04     | 11       | 910      | <2       | 0.13     | <2       | 7      |
| S792566            |                          | 3.46     | 10       | <1       | 0.12     | 10       | 0.82     | 1005     | 1        | 0.05     | 9        | 760      | 8        | 0.16     | <2       | 8      |
| S792567            |                          | 25.8     | <10      | 1        | 0.07     | 10       | 0.53     | 9680     | 12       | <0.01    | 66       | 260      | 391      | >10.0    | 12       | 3      |
| S792568            |                          | 7.81     | 10       | <1       | 0.18     | 10       | 1.07     | 3420     | 5        | <0.01    | 10       | 1050     | 14       | 2.98     | 2        | 11     |
| S792569            |                          | 25.9     | <10      | <1       | 0.11     | 10       | 0.74     | 4320     | 107      | <0.01    | 54       | 420      | 95       | >10.0    | 12       | 4      |



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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Cu-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                          | Sr       | Th       | Ti       | Ti       | U        | V        | W        | Zn       | Ag      | Cu      | Zn      |
|                    |                          | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                          | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792492            |                          | 118      | <20      | <0.01    | <10      | <10      | 136      | <10      | 35       |         |         |         |
| S792493            |                          | 129      | <20      | 0.10     | <10      | <10      | 129      | <10      | 26       |         |         |         |
| S792494            |                          | 149      | <20      | 0.02     | <10      | <10      | 123      | <10      | 20       |         |         |         |
| S792495            |                          | 99       | <20      | 0.20     | <10      | <10      | 176      | <10      | 45       |         |         |         |
| S792496            |                          | 116      | <20      | 0.21     | <10      | <10      | 182      | <10      | 33       |         |         |         |
| S792497            |                          | 68       | <20      | 0.02     | <10      | <10      | 164      | <10      | 41       |         |         |         |
| S792498            |                          | 56       | <20      | 0.01     | <10      | <10      | 161      | <10      | 39       |         |         |         |
| S792499            |                          | 76       | <20      | 0.06     | <10      | <10      | 152      | <10      | 63       |         |         |         |
| S792500            |                          | 60       | <20      | 0.05     | <10      | <10      | 146      | <10      | 29       |         |         |         |
| S792533            |                          | 60       | <20      | <0.01    | <10      | <10      | 131      | <10      | 35       |         |         |         |
| S792534            |                          | 49       | <20      | <0.01    | <10      | <10      | 71       | <10      | 40       |         |         |         |
| S792535            |                          | 43       | <20      | 0.01     | <10      | <10      | 133      | <10      | 32       |         |         |         |
| S792536            |                          | 23       | <20      | <0.01    | <10      | <10      | 36       | <10      | 120      |         |         |         |
| S792537            |                          | 49       | <20      | 0.01     | <10      | <10      | 188      | <10      | 80       |         |         |         |
| S792538            |                          | 50       | <20      | <0.01    | <10      | <10      | 118      | <10      | 30       |         |         |         |
| S792539            |                          | 46       | <20      | 0.01     | <10      | <10      | 159      | <10      | 63       |         |         |         |
| S792540            |                          | 53       | <20      | 0.01     | <10      | <10      | 157      | <10      | 171      |         |         |         |
| S792541            |                          | 16       | <20      | 0.01     | <10      | <10      | 141      | <10      | 57       |         |         |         |
| S792542            |                          | 120      | <20      | <0.01    | <10      | <10      | 44       | <10      | 21       |         |         |         |
| S792543            |                          | 56       | <20      | 0.02     | <10      | <10      | 159      | <10      | 51       |         |         |         |
| S792544            |                          | 47       | <20      | 0.05     | <10      | <10      | 159      | <10      | 106      |         |         |         |
| S792545            |                          | 77       | <20      | 0.13     | <10      | <10      | 192      | <10      | 35       |         |         |         |
| S792546            |                          | 165      | <20      | <0.01    | <10      | <10      | 17       | <10      | 33       |         |         |         |
| S792547            |                          | 83       | <20      | 0.07     | <10      | <10      | 155      | <10      | 52       |         |         |         |
| S792548            |                          | 238      | <20      | <0.01    | <10      | <10      | 62       | <10      | 117      |         |         |         |
| S792549            |                          | 130      | <20      | <0.01    | <10      | <10      | 60       | <10      | 42       |         |         |         |
| S792550            |                          | 122      | <20      | 0.02     | <10      | <10      | 163      | <10      | 63       |         |         |         |
| S792557            |                          | 101      | <20      | 0.29     | <10      | <10      | 171      | <10      | 142      |         |         |         |
| S792558            |                          | 32       | <20      | <0.01    | <10      | <10      | 158      | <10      | 145      |         |         |         |
| S792559            |                          | 6        | <20      | <0.01    | <10      | <10      | 174      | <10      | 158      |         |         |         |
| S792560            |                          | 101      | <20      | 0.28     | <10      | <10      | 205      | <10      | 69       |         |         |         |
| S792561            |                          | 98       | <20      | 0.25     | <10      | <10      | 198      | <10      | 175      |         |         |         |
| S792562            |                          | 21       | <20      | 0.04     | <10      | <10      | 218      | <10      | 263      |         |         |         |
| S792563            |                          | 52       | <20      | 0.15     | <10      | <10      | 194      | <10      | 256      |         |         |         |
| S792564            |                          | 88       | <20      | 0.27     | <10      | <10      | 228      | <10      | 57       |         |         |         |
| S792565            |                          | 85       | <20      | 0.01     | <10      | <10      | 121      | <10      | 72       |         |         |         |
| S792566            |                          | 44       | <20      | <0.01    | <10      | <10      | 66       | <10      | 71       |         |         |         |
| S792567            |                          | 75       | <20      | <0.01    | <10      | <10      | 34       | <10      | 7330     | 120     | 4.595   |         |
| S792568            |                          | 57       | <20      | <0.01    | <10      | <10      | 77       | <10      | 130      |         |         |         |
| S792569            |                          | 47       | <20      | <0.01    | <10      | <10      | 40       | <10      | 849      | 118     | 4.251   |         |



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

To: SKEENA RESOURCES  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | WEI-21       | Au-AA24 | Au-GRA22 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|--------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    |                          | Recvd Wt. kg | Au g/t  | Au g/t   | Ag ppm   | Al %     | As ppm   | B ppm    | Ba ppm   | Be ppm   | Bi ppm   | Ca %     | Cd ppm   | Co ppm   | Cr ppm   | Cu ppm   |
| S792570            |                          | 3.04         | 0.449   |          | 3.4      | 0.70     | 6        | <10      | 70       | <0.5     | 3        | 3.79     | 1.9      | 9        | 10       | 2830     |
| S792571            |                          | 2.64         | 0.007   |          | 0.6      | 2.21     | 28       | <10      | 60       | <0.5     | 4        | 2.38     | 1.5      | 10       | 42       | 118      |
| S792572            |                          | 2.92         | <0.005  |          | 0.2      | 2.58     | 33       | <10      | 110      | 0.5      | 2        | 4.44     | <0.5     | 17       | 99       | 101      |
| S792573            |                          | 1.89         | <0.005  |          | 0.2      | 2.38     | 24       | <10      | 70       | <0.5     | 2        | 3.68     | <0.5     | 9        | 42       | 74       |
| S792574            |                          | 2.01         | <0.005  |          | <0.2     | 2.23     | 17       | <10      | 70       | <0.5     | 3        | 3.54     | <0.5     | 8        | 43       | 63       |
| S792575            |                          | 2.49         | <0.005  |          | <0.2     | 1.08     | 18       | <10      | 90       | <0.5     | 2        | 8.7      | <0.5     | 4        | 21       | 47       |
| S792576            |                          | 2.16         | 0.016   |          | <0.2     | 1.53     | 5        | <10      | 130      | <0.5     | <2       | 2.94     | <0.5     | 5        | 4        | 22       |
| S792577            |                          | 3.10         | <0.005  |          | 0.4      | 0.76     | 20       | <10      | 190      | 0.6      | <2       | 5.19     | 0.5      | 7        | 2        | 35       |
| S792578            |                          | 1.57         | 0.342   |          | 34.3     | 0.25     | 453      | <10      | 100      | <0.5     | 48       | 15.1     | 11.4     | 9        | 3        | 1320     |
| S792579            |                          | 1.47         | 0.246   |          | 0.7      | 1.46     | 44       | <10      | 150      | 0.5      | <2       | 3.34     | <0.5     | 12       | 2        | 43       |
| S792580            |                          | 3.53         | 0.585   |          | 62.3     | 0.16     | 550      | <10      | 70       | <0.5     | 33       | 11.2     | 14.3     | 15       | 3        | 1480     |
| S792581            |                          | 2.08         | 0.026   |          | 0.6      | 2.66     | 474      | <10      | 40       | 0.8      | 3        | 2.15     | 0.8      | 26       | 76       | 226      |
| S792582            |                          | 3.45         | 0.043   |          | 0.4      | 1.34     | 131      | <10      | 40       | <0.5     | 5        | 2.27     | 0.6      | 22       | 30       | 171      |
| S792583            |                          | 2.80         | <0.005  |          | 0.2      | 1.44     | 47       | <10      | 50       | 0.5      | <2       | 1.28     | 0.5      | 13       | 38       | 91       |
| S792584            |                          | 1.37         | >10.0   | 52.6     | 28.0     | 0.25     | >10000   | <10      | 10       | <0.5     | 48       | 0.20     | <0.5     | 368      | 6        | 1955     |
| S792585            |                          | 1.82         | 0.046   |          | 0.3      | 1.30     | 32       | <10      | 40       | 0.7      | 4        | 1.70     | <0.5     | 16       | 40       | 129      |
| S792586            |                          | 1.91         | 0.075   |          | 0.7      | 2.80     | 130      | <10      | 40       | <0.5     | 2        | 1.50     | 1.3      | 10       | 52       | 191      |
| S792587            |                          | 2.14         | 7.54    |          | 4.8      | 2.15     | 3950     | <10      | 50       | <0.5     | 5        | 0.62     | 0.8      | 12       | 61       | 381      |
| S792588            |                          | 1.59         | 0.030   |          | 1.0      | 3.64     | 63       | <10      | 40       | 0.7      | 2        | 6.74     | <0.5     | 24       | 14       | 249      |
| S792589            |                          | 0.22         | >10.0   | 18.80    | 28.8     | 0.41     | >10000   | <10      | 40       | <0.5     | 42       | 0.13     | <0.5     | 265      | 23       | 7870     |
| S792601            |                          | 1.86         | 0.334   |          | 1.3      | 1.69     | 168      | <10      | 50       | <0.5     | 2        | 5.54     | 0.6      | 13       | 22       | 254      |
| S792602            |                          | 1.97         | 0.015   |          | <0.2     | 1.84     | 36       | <10      | 60       | <0.5     | 2        | 8.9      | <0.5     | 17       | 17       | 14       |
| S792603            |                          | 1.72         | 0.075   |          | <0.2     | 2.25     | 39       | <10      | 70       | 0.5      | 2        | 7.07     | <0.5     | 27       | 19       | 49       |
| S792604            |                          | 1.41         | 0.008   |          | 0.5      | 2.82     | 90       | <10      | 100      | 0.7      | 3        | 4.63     | 3.9      | 23       | 12       | 376      |
| S792605            |                          | 1.49         | 1.660   |          | 3.8      | 0.60     | 93       | <10      | 160      | 0.5      | 3        | 3.72     | 1.4      | 11       | 2        | 235      |
| S792606            |                          | 1.62         | >10.0   | 12.50    | 27.7     | 0.33     | 1760     | <10      | 30       | <0.5     | 20       | 1.71     | 10.5     | 44       | 3        | 1360     |
| S792607            |                          | 1.32         | 0.083   |          | 4.0      | 0.41     | 135      | <10      | 90       | <0.5     | 3        | 2.90     | 8.6      | 9        | 2        | 587      |
| S792608            |                          | 1.86         | 0.182   |          | 3.8      | 0.56     | 827      | <10      | 60       | <0.5     | 2        | 1.23     | 9.1      | 15       | 4        | 613      |
| S792609            |                          | 1.56         | 0.338   |          | 4.6      | 0.35     | 563      | <10      | 100      | <0.5     | 4        | 0.50     | 3.2      | 9        | 2        | 381      |
| S792610            |                          | 2.21         | 0.007   |          | 1.1      | 0.48     | 29       | <10      | 70       | <0.5     | <2       | 3.89     | 5.0      | 6        | 2        | 147      |
| S792611            |                          | 1.70         | 0.025   |          | 0.3      | 1.91     | 204      | <10      | 130      | <0.5     | 3        | 9.3      | <0.5     | 13       | 36       | 110      |
| S792612            |                          | 2.58         | 0.254   |          | 2.2      | 1.85     | 153      | <10      | 130      | <0.5     | <2       | 7.0      | 24.8     | 11       | 32       | 112      |
| S792613            |                          | 1.94         | <0.005  |          | 0.2      | 2.38     | 22       | <10      | 130      | <0.5     | 2        | 5.17     | 0.5      | 15       | 36       | 74       |
| S792614            |                          | 2.35         | 0.097   |          | 1.6      | 1.76     | 23       | <10      | 100      | <0.5     | <2       | 3.71     | 1.7      | 7        | 39       | 501      |
| S792615            |                          | 2.83         | 0.008   |          | 1.3      | 1.74     | 46       | <10      | 130      | <0.5     | 2        | 6.88     | 12.4     | 6        | 28       | 52       |
| S792616            |                          | 1.53         | 2.36    |          | 17.1     | 1.01     | 266      | <10      | 280      | <0.5     | 5        | 2.84     | 1.6      | 11       | 27       | 1345     |
| S792617            |                          | 2.58         | 2.38    |          | 8.4      | 1.25     | 349      | <10      | 210      | <0.5     | 9        | 4.61     | 1.9      | 27       | 35       | 1555     |
| S792618            |                          | 2.09         | 0.442   |          | 2.3      | 1.71     | 316      | <10      | 100      | <0.5     | 4        | 6.06     | 3.4      | 12       | 29       | 749      |
| S792619            |                          | 2.07         | 0.643   |          | 4.2      | 1.83     | 494      | <10      | 70       | <0.5     | 4        | 5.92     | 10.7     | 22       | 25       | 1280     |
| S792620            |                          | 1.67         | 0.136   |          | 0.9      | 2.59     | 79       | <10      | 120      | <0.5     | 3        | 3.19     | 0.9      | 13       | 55       | 202      |



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

To: SKEENA RESOURCES  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

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**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method  | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |     |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
|                    | Analyte | Fe       | Ga       | Hg       | K        | La       | Mg       | Mn       | Mo       | Na       | Ni       | P        | Pb       | S        | Sb       | Sc  |
|                    | Units   | %        | ppm      | ppm      | %        | ppm      | %        | ppm      | ppm      | %        | ppm      | ppm      | ppm      | %        | ppm      | ppm |
|                    | LOR     | 0.01     | 10       | 1        | 0.01     | 10       | 0.01     | 5        | 1        | 0.01     | 1        | 10       | 2        | 0.01     | 2        | 1   |
| S792570            |         | 6.56     | <10      | <1       | 0.20     | 10       | 0.71     | 6060     | 7        | <0.01    | 21       | 1150     | 24       | 1.86     | <2       | 10  |
| S792571            |         | 4.63     | 10       | <1       | 0.08     | 10       | 1.53     | 1990     | <1       | 0.05     | 20       | 1310     | 150      | 0.07     | <2       | 7   |
| S792572            |         | 4.91     | 10       | <1       | 0.11     | 10       | 1.90     | 1280     | 1        | 0.05     | 33       | 1390     | 4        | 0.05     | <2       | 14  |
| S792573            |         | 4.56     | 10       | <1       | 0.06     | 10       | 1.76     | 1230     | 1        | 0.04     | 23       | 1210     | 10       | 0.06     | 2        | 9   |
| S792574            |         | 4.29     | 10       | <1       | 0.06     | 10       | 1.68     | 1180     | 1        | 0.04     | 20       | 1140     | 6        | 0.06     | <2       | 10  |
| S792575            |         | 3.43     | <10      | <1       | 0.17     | 10       | 1.07     | 1870     | 1        | 0.01     | 11       | 1100     | 2        | 0.21     | 2        | 9   |
| S792576            |         | 3.57     | 10       | <1       | 0.21     | 10       | 0.90     | 720      | <1       | 0.03     | 1        | 1420     | <2       | 0.22     | <2       | 5   |
| S792577            |         | 3.28     | <10      | <1       | 0.18     | 10       | 0.19     | 2080     | 1        | <0.01    | 1        | 1390     | 6        | 0.38     | 2        | 6   |
| S792578            |         | 5.46     | <10      | <1       | 0.11     | 10       | 2.02     | 8110     | 1        | <0.01    | 6        | 240      | 202      | 1.47     | 14       | 2   |
| S792579            |         | 3.83     | 10       | <1       | 0.21     | 10       | 0.72     | 1575     | 1        | 0.01     | 1        | 1460     | 5        | 0.50     | <2       | 6   |
| S792580            |         | 9.85     | <10      | <1       | 0.10     | <10      | 2.85     | 19000    | 1        | <0.01    | 9        | 200      | 194      | 1.85     | 47       | 1   |
| S792581            |         | 7.38     | 10       | <1       | 0.20     | 10       | 1.48     | 840      | 1        | 0.28     | 31       | 3490     | 14       | 3.21     | 32       | 16  |
| S792582            |         | 6.40     | 10       | <1       | 0.14     | 10       | 1.22     | 901      | 4        | 0.08     | 18       | 2650     | 6        | 3.19     | 25       | 9   |
| S792583            |         | 4.20     | 10       | <1       | 0.16     | 20       | 1.42     | 907      | 2        | 0.11     | 18       | 2670     | 2        | 0.37     | 23       | 9   |
| S792584            |         | 27.3     | <10      | <1       | 0.08     | <10      | 0.14     | 103      | 1        | <0.01    | 75       | 370      | 9        | >10.0    | 18       | 2   |
| S792585            |         | 4.64     | 10       | <1       | 0.29     | 10       | 1.16     | 409      | 8        | 0.06     | 35       | 1900     | 3        | 3.18     | 2        | 3   |
| S792586            |         | 5.42     | 10       | <1       | 0.13     | 10       | 2.12     | 753      | <1       | 0.03     | 46       | 1550     | 4        | 0.46     | 4        | 8   |
| S792587            |         | 6.40     | 10       | <1       | 0.14     | 10       | 1.72     | 748      | 1        | 0.02     | 49       | 1530     | 13       | 1.57     | 14       | 8   |
| S792588            |         | 6.83     | 20       | <1       | 0.18     | 20       | 3.72     | 1190     | <1       | 0.04     | 19       | 2700     | <2       | 0.07     | <2       | 16  |
| S792589            |         | 23.9     | <10      | 1        | 0.24     | <10      | 0.03     | 42       | 1        | 0.02     | 24       | 1550     | 36       | 5.19     | 266      | 5   |
| S792601            |         | 4.48     | 10       | <1       | 0.10     | 10       | 1.33     | 1290     | 5        | 0.06     | 12       | 1130     | 7        | 0.43     | <2       | 10  |
| S792602            |         | 5.55     | 10       | <1       | 0.13     | <10      | 1.42     | 923      | 1        | 0.03     | 9        | 1070     | 2        | 2.06     | <2       | 12  |
| S792603            |         | 6.23     | 10       | <1       | 0.15     | 10       | 1.74     | 1490     | 1        | 0.03     | 12       | 1620     | 4        | 2.02     | 2        | 12  |
| S792604            |         | 6.86     | 10       | <1       | 0.13     | 10       | 1.57     | 1880     | <1       | 0.03     | 14       | 1710     | 19       | 0.02     | <2       | 15  |
| S792605            |         | 4.72     | <10      | <1       | 0.25     | 10       | 0.51     | 2970     | 1        | <0.01    | 7        | 1410     | 86       | 0.99     | 4        | 6   |
| S792606            |         | 11.35    | <10      | 1        | 0.25     | <10      | 0.32     | 3200     | 1        | <0.01    | 6        | 1070     | 735      | 7.98     | 10       | 4   |
| S792607            |         | 5.38     | <10      | <1       | 0.28     | 10       | 0.52     | 4200     | 1        | <0.01    | 3        | 1340     | 431      | 1.09     | 7        | 6   |
| S792608            |         | 5.94     | <10      | <1       | 0.29     | 10       | 0.29     | 4850     | 1        | 0.01     | 3        | 1420     | 230      | 1.98     | 6        | 5   |
| S792609            |         | 6.66     | <10      | <1       | 0.33     | 10       | 0.10     | 1845     | 1        | <0.01    | 2        | 1310     | 162      | 1.72     | 10       | 3   |
| S792610            |         | 4.02     | <10      | <1       | 0.28     | 10       | 0.40     | 3600     | 1        | <0.01    | 3        | 1330     | 72       | 0.33     | 2        | 6   |
| S792611            |         | 4.16     | 10       | <1       | 0.16     | 10       | 1.21     | 1440     | 1        | 0.01     | 20       | 1050     | 13       | 0.12     | 2        | 9   |
| S792612            |         | 4.84     | 10       | <1       | 0.19     | <10      | 1.31     | 3610     | 1        | 0.01     | 20       | 1040     | 195      | 0.31     | 3        | 10  |
| S792613            |         | 4.72     | 10       | <1       | 0.14     | 10       | 1.72     | 1720     | 1        | 0.02     | 22       | 1190     | 11       | 0.07     | <2       | 9   |
| S792614            |         | 4.21     | 10       | <1       | 0.15     | 10       | 1.58     | 2280     | 1        | <0.01    | 21       | 1140     | 81       | 0.15     | <2       | 8   |
| S792615            |         | 3.98     | 10       | <1       | 0.20     | 10       | 1.40     | 2920     | <1       | <0.01    | 18       | 1030     | 696      | 0.19     | 4        | 9   |
| S792616            |         | 10.55    | 10       | <1       | 0.35     | <10      | 0.48     | 1110     | 4        | <0.01    | 19       | 1220     | 138      | 0.56     | 8        | 7   |
| S792617            |         | 12.50    | 10       | <1       | 0.22     | 10       | 0.63     | 1945     | 5        | <0.01    | 27       | 1140     | 67       | 0.54     | 12       | 9   |
| S792618            |         | 4.72     | 10       | <1       | 0.17     | 10       | 1.05     | 2100     | 4        | <0.01    | 17       | 1150     | 31       | 0.28     | 2        | 9   |
| S792619            |         | 6.87     | 10       | <1       | 0.15     | <10      | 1.46     | 2890     | 2        | <0.01    | 20       | 970      | 88       | 2.22     | 2        | 9   |
| S792620            |         | 5.04     | 10       | <1       | 0.18     | 10       | 1.94     | 1485     | 1        | 0.01     | 26       | 1070     | 29       | 0.23     | <2       | 11  |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Cu-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                          | Sr       | Th       | Ti       | Ti       | U        | V        | W        | Zn       | Ag      | Cu      | Zn      |
|                    |                          | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                          | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792570            |                          | 56       | <20      | <0.01    | <10      | <10      | 38       | <10      | 440      |         |         |         |
| S792571            |                          | 40       | <20      | <0.01    | <10      | <10      | 121      | <10      | 486      |         |         |         |
| S792572            |                          | 85       | <20      | 0.01     | <10      | <10      | 149      | <10      | 70       |         |         |         |
| S792573            |                          | 57       | <20      | 0.01     | <10      | <10      | 137      | <10      | 128      |         |         |         |
| S792574            |                          | 50       | <20      | 0.01     | <10      | <10      | 136      | <10      | 56       |         |         |         |
| S792575            |                          | 130      | <20      | <0.01    | <10      | <10      | 77       | <10      | 35       |         |         |         |
| S792576            |                          | 73       | <20      | <0.01    | <10      | <10      | 89       | <10      | 68       |         |         |         |
| S792577            |                          | 48       | <20      | <0.01    | <10      | <10      | 45       | <10      | 286      |         |         |         |
| S792578            |                          | 235      | <20      | <0.01    | <10      | <10      | 10       | <10      | 2320     |         |         |         |
| S792579            |                          | 49       | <20      | <0.01    | <10      | <10      | 76       | <10      | 49       |         |         |         |
| S792580            |                          | 194      | <20      | <0.01    | <10      | <10      | 9        | <10      | 3190     |         |         |         |
| S792581            |                          | 210      | <20      | 0.25     | <10      | <10      | 208      | <10      | 97       |         |         |         |
| S792582            |                          | 70       | <20      | 0.27     | <10      | <10      | 177      | <10      | 88       |         |         |         |
| S792583            |                          | 64       | <20      | 0.33     | <10      | <10      | 181      | <10      | 178      |         |         |         |
| S792584            |                          | 4        | <20      | 0.03     | <10      | <10      | 24       | <10      | 67       |         |         |         |
| S792585            |                          | 91       | <20      | 0.20     | <10      | <10      | 108      | <10      | 46       |         |         |         |
| S792586            |                          | 40       | <20      | 0.01     | <10      | <10      | 146      | <10      | 110      |         |         |         |
| S792587            |                          | 21       | <20      | 0.01     | <10      | <10      | 135      | <10      | 73       |         |         |         |
| S792588            |                          | 174      | <20      | 0.03     | <10      | <10      | 303      | <10      | 107      |         |         |         |
| S792589            |                          | 80       | <20      | 0.01     | <10      | <10      | 67       | <10      | 8        |         |         |         |
| S792601            |                          | 66       | <20      | 0.03     | <10      | <10      | 123      | <10      | 124      |         |         |         |
| S792602            |                          | 94       | <20      | 0.01     | <10      | <10      | 108      | <10      | 25       |         |         |         |
| S792603            |                          | 94       | <20      | 0.01     | <10      | <10      | 146      | <10      | 68       |         |         |         |
| S792604            |                          | 107      | <20      | 0.01     | <10      | <10      | 193      | <10      | 1510     |         |         |         |
| S792605            |                          | 66       | <20      | <0.01    | <10      | <10      | 36       | <10      | 308      |         |         |         |
| S792606            |                          | 30       | <20      | <0.01    | <10      | <10      | 23       | <10      | 2070     |         |         |         |
| S792607            |                          | 54       | <20      | <0.01    | <10      | <10      | 35       | <10      | 1855     |         |         |         |
| S792608            |                          | 27       | <20      | <0.01    | <10      | <10      | 33       | <10      | 1945     |         |         |         |
| S792609            |                          | 16       | <20      | <0.01    | <10      | <10      | 17       | <10      | 1025     |         |         |         |
| S792610            |                          | 55       | <20      | <0.01    | <10      | <10      | 44       | <10      | 1235     |         |         |         |
| S792611            |                          | 81       | <20      | <0.01    | <10      | <10      | 108      | <10      | 110      |         |         |         |
| S792612            |                          | 77       | <20      | 0.01     | <10      | <10      | 121      | <10      | 5090     |         |         |         |
| S792613            |                          | 68       | <20      | 0.01     | <10      | <10      | 138      | <10      | 136      |         |         |         |
| S792614            |                          | 54       | <20      | <0.01    | <10      | <10      | 101      | <10      | 424      |         |         |         |
| S792615            |                          | 95       | <20      | <0.01    | <10      | <10      | 95       | <10      | 2690     |         |         |         |
| S792616            |                          | 28       | <20      | <0.01    | <10      | <10      | 86       | <10      | 421      |         |         |         |
| S792617            |                          | 35       | <20      | <0.01    | <10      | <10      | 87       | <10      | 453      |         |         |         |
| S792618            |                          | 52       | <20      | <0.01    | <10      | <10      | 114      | <10      | 713      |         |         |         |
| S792619            |                          | 72       | <20      | <0.01    | <10      | <10      | 106      | <10      | 2490     |         |         |         |
| S792620            |                          | 39       | <20      | 0.01     | <10      | <10      | 160      | <10      | 263      |         |         |         |



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

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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | WEI-21       | Au-AA24 | Au-GRA22 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|--------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    |                          | Recvd Wt. kg | Au g/t  | Au g/t   | Ag ppm   | Al %     | As ppm   | B ppm    | Ba ppm   | Be ppm   | Bi ppm   | Ca %     | Cd ppm   | Co ppm   | Cr ppm   | Cu ppm   |
| S792621            |                          | 1.41         | 0.236   |          | 18.4     | 0.46     | 297      | <10      | 70       | <0.5     | 5        | 11.8     | 19.5     | 20       | 2        | 1355     |
| S792622            |                          | 1.75         | 0.033   |          | 1.5      | 0.38     | 27       | <10      | 120      | <0.5     | <2       | 4.23     | 3.1      | 4        | 2        | 873      |
| S792623            |                          | 1.82         | 0.076   |          | 2.8      | 0.90     | 328      | <10      | 130      | 0.5      | 17       | 15.3     | 3.2      | 19       | 1        | 103      |
| S792624            |                          | 5.08         | >10.0   | 74.3     | >100     | 0.09     | 2570     | <10      | 30       | <0.5     | 188      | 4.81     | 528      | 108      | 2        | >10000   |
| S792625            |                          | 1.56         | 0.128   |          | 1.0      | 1.31     | 21       | <10      | 110      | <0.5     | 2        | 3.26     | 1.6      | 7        | 3        | 35       |
| S792626            |                          | 2.06         | 0.052   |          | 0.3      | 1.44     | 8        | <10      | 200      | <0.5     | <2       | 2.62     | <0.5     | 12       | 3        | 22       |
| S792627            |                          | 1.69         | 0.028   |          | 3.9      | 1.24     | 83       | <10      | 210      | <0.5     | <2       | 3.75     | 3.1      | 7        | 2        | 486      |
| S792628            |                          | 2.30         | 0.096   |          | 1.5      | 1.20     | 139      | <10      | 280      | 1.1      | <2       | 0.47     | 8.3      | 32       | 7        | >10000   |
| S792629            |                          | 2.38         | 0.026   |          | 5.3      | 0.20     | 463      | <10      | 40       | <0.5     | 4        | 15.1     | 0.7      | 15       | 1        | 92       |
| S792630            |                          | 1.55         | <0.005  |          | <0.2     | 1.62     | 11       | <10      | 70       | <0.5     | 2        | 16.7     | <0.5     | 9        | 26       | 58       |
| S792631            |                          | 1.51         | <0.005  |          | <0.2     | 1.58     | 4        | <10      | 230      | <0.5     | <2       | 3.03     | <0.5     | 8        | 3        | 5        |
| S792632            |                          | 1.65         | 0.006   |          | 0.4      | 1.85     | 21       | <10      | 40       | 1.3      | 2        | 1.96     | <0.5     | 22       | 45       | 98       |
| S792633            |                          | 1.87         | 0.040   |          | 0.4      | 1.01     | 11       | <10      | 40       | 0.5      | 2        | 0.61     | <0.5     | 16       | 39       | 159      |
| S792634            |                          | 1.55         | 0.181   |          | 0.3      | 3.11     | 7        | <10      | 20       | 1.0      | 4        | 1.97     | <0.5     | 17       | 28       | 126      |
| S792635            |                          | 1.61         | 0.765   |          | 1.2      | 1.67     | 59       | <10      | 50       | 0.5      | 3        | 0.69     | <0.5     | 9        | 34       | 146      |
| S792636            |                          | 2.08         | 0.459   |          | 0.6      | 2.69     | 117      | <10      | 50       | 0.8      | 7        | 1.47     | <0.5     | 17       | 44       | 207      |
| S792637            |                          | 2.72         | 0.021   |          | 2.0      | 0.25     | 184      | <10      | 30       | <0.5     | <2       | 14.6     | 1.4      | 2        | 7        | 30       |
| S792638            |                          | 1.48         | 0.017   |          | 0.2      | 1.42     | 161      | <10      | 110      | 0.5      | 2        | 13.1     | 0.9      | 11       | 13       | 58       |
| S792639            |                          | 1.75         | 0.982   |          | 9.1      | 1.52     | 210      | <10      | 40       | <0.5     | 6        | 0.36     | 4.8      | 8        | 64       | 1295     |
| S792640            |                          | 2.55         | 0.013   |          | 0.4      | 1.39     | 45       | <10      | 90       | 1.0      | <2       | 2.66     | 0.5      | 17       | 4        | 702      |
| S792641            |                          | 2.50         | 0.014   |          | 0.4      | 1.76     | 14       | <10      | 30       | 1.1      | 2        | 1.88     | 0.9      | 23       | 7        | 859      |
| S792642            |                          | 2.17         | 0.019   |          | 0.9      | 1.34     | 27       | <10      | 20       | 0.9      | <2       | 1.86     | <0.5     | 18       | 2        | 908      |
| S792643            |                          | 1.98         | 0.007   |          | 0.3      | 2.44     | 27       | <10      | 30       | 1.1      | <2       | 1.52     | <0.5     | 11       | 3        | 286      |
| S792644            |                          | 1.98         | 0.011   |          | 0.6      | 1.50     | 41       | <10      | 40       | 0.5      | <2       | 0.80     | <0.5     | 10       | 6        | 266      |
| S792645            |                          | 2.39         | 0.005   |          | 0.3      | 1.74     | 19       | <10      | 40       | 1.0      | <2       | 1.28     | <0.5     | 12       | 4        | 290      |
| S792646            |                          | 1.71         | 0.006   |          | 1.0      | 0.33     | 21       | <10      | 480      | 1.0      | 3        | >25.0    | 1.6      | 1        | <1       | 43       |
| S792701            |                          | 1.59         | <0.005  |          | 0.3      | 2.11     | 11       | <10      | 140      | 0.6      | 3        | 5.26     | <0.5     | 18       | 1        | 201      |
| S792702            |                          | 1.41         | <0.005  |          | 0.3      | 2.81     | 14       | <10      | 130      | 0.5      | 2        | 4.16     | <0.5     | 21       | 3        | 193      |
| S792703            |                          | 1.71         | <0.005  |          | 0.7      | 1.06     | 15       | <10      | 130      | <0.5     | 4        | 9.5      | <0.5     | 9        | 3        | 86       |
| S792704            |                          | 1.34         | 0.015   |          | 0.5      | 1.17     | 16       | <10      | 100      | <0.5     | 3        | 5.26     | 0.6      | 6        | 2        | 153      |
| S792705            |                          | 1.88         | 0.086   |          | 5.0      | 0.85     | 170      | <10      | 500      | 0.5      | 4        | 3.37     | 43.5     | 11       | 2        | 2000     |
| S792706            |                          | 1.38         | <0.005  |          | 1.3      | 0.56     | 30       | <10      | 90       | 0.5      | 2        | 5.85     | 0.5      | 17       | 3        | 131      |
| S792707            |                          | 1.87         | <0.005  |          | 1.0      | 0.64     | 9        | <10      | 90       | <0.5     | <2       | 5.59     | <0.5     | 10       | 2        | 173      |
| S792708            |                          | 2.40         | 0.006   |          | 1.6      | 0.93     | 46       | <10      | 110      | 0.5      | <2       | 6.80     | 6.5      | 14       | 1        | 176      |
| S792709            |                          | 2.08         | 0.011   |          | 1.4      | 0.66     | 41       | <10      | 150      | <0.5     | 2        | 6.81     | <0.5     | 6        | 2        | 88       |
| S792710            |                          | 1.75         | <0.005  |          | 1.2      | 0.86     | 12       | <10      | 160      | <0.5     | 3        | 9.3      | <0.5     | 8        | 2        | 134      |
| S792711            |                          | 1.73         | 5.80    |          | >100     | 0.28     | 613      | <10      | 20       | <0.5     | 11       | 4.24     | 9.0      | 13       | 2        | >10000   |
| S792712            |                          | 1.44         | 0.010   |          | 3.6      | 0.42     | 34       | <10      | 480      | <0.5     | 3        | 5.73     | 6.2      | 6        | 1        | 186      |
| S792713            |                          | 3.31         | 0.066   |          | 0.8      | 0.48     | 129      | 10       | 300      | 0.5      | 3        | 7.4      | 0.5      | 7        | 2        | 74       |
| S792714            |                          | 1.71         | 1.265   |          | 17.1     | 0.28     | 321      | <10      | 80       | <0.5     | 7        | 13.1     | 28.7     | 11       | 1        | 4060     |



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

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**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method  | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |     |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
|                    | Analyte | Fe       | Ga       | Hg       | K        | La       | Mg       | Mn       | Mo       | Na       | Ni       | P        | Pb       | S        | Sb       | Sc  |
| Units              | %       | ppm      | ppm      | %        | ppm      | %        | ppm      | ppm      | ppm      | %        | ppm      | ppm      | ppm      | %        | ppm      | ppm |
| LOR                | 0.01    | 10       | 1        | 0.01     | 10       | 0.01     | 5        | 1        | 0.01     | 1        | 10       | 2        | 0.01     | 2        | 1        |     |
| S792621            | 8.09    | <10      | <1       | 0.15     | 10       | 1.03     | 8690     | 1        | <0.01    | 13       | 630      | 340      | 1.80     | 23       | 4        |     |
| S792622            | 3.62    | <10      | <1       | 0.25     | 10       | 0.36     | 2820     | 1        | <0.01    | 2        | 1320     | 157      | 0.37     | 3        | 5        |     |
| S792623            | 5.36    | <10      | <1       | 0.09     | 10       | 1.08     | 4820     | 1        | <0.01    | 4        | 830      | 33       | 0.18     | 6        | 7        |     |
| S792624            | 14.00   | <10      | 9        | 0.04     | <10      | 1.16     | 18500    | 1        | <0.01    | 17       | 60       | 893      | 8.34     | 116      | 1        |     |
| S792625            | 3.52    | 10       | <1       | 0.19     | 10       | 0.97     | 1075     | <1       | 0.02     | 2        | 1440     | 5        | 0.25     | 2        | 5        |     |
| S792626            | 3.92    | 10       | <1       | 0.18     | 10       | 0.94     | 900      | <1       | 0.02     | 1        | 1400     | 3        | 0.36     | <2       | 5        |     |
| S792627            | 4.06    | 10       | <1       | 0.23     | 10       | 0.64     | 4850     | 1        | 0.01     | 1        | 1370     | 53       | 0.31     | 4        | 6        |     |
| S792628            | 5.20    | <10      | <1       | 0.20     | 20       | 0.36     | 5250     | 1        | <0.01    | 28       | 1120     | 32       | 0.20     | 2        | 6        |     |
| S792629            | 13.55   | <10      | 3        | 0.10     | <10      | 2.86     | 6040     | 1        | <0.01    | 12       | 310      | 39       | >10.0    | 49       | 3        |     |
| S792630            | 3.17    | 10       | <1       | 0.09     | <10      | 1.10     | 1240     | 1        | 0.01     | 12       | 830      | 4        | 0.09     | <2       | 7        |     |
| S792631            | 3.93    | 10       | <1       | 0.17     | 10       | 1.08     | 1060     | 1        | 0.03     | 1        | 1420     | <2       | 0.29     | <2       | 5        |     |
| S792632            | 5.00    | 10       | <1       | 0.25     | 10       | 0.96     | 540      | 3        | 0.04     | 29       | 2490     | 7        | 1.82     | <2       | 6        |     |
| S792633            | 4.96    | 10       | <1       | 0.24     | 10       | 0.86     | 309      | 2        | 0.05     | 21       | 1950     | 2        | 0.94     | <2       | 7        |     |
| S792634            | 5.82    | 20       | <1       | 0.08     | 20       | 2.24     | 835      | 1        | 0.05     | 13       | 2900     | 3        | 0.29     | 2        | 14       |     |
| S792635            | 6.64    | 10       | <1       | 0.29     | 10       | 1.62     | 395      | 3        | 0.05     | 6        | 2560     | 6        | 0.89     | 3        | 9        |     |
| S792636            | 7.14    | 10       | <1       | 0.72     | 10       | 2.45     | 565      | 3        | 0.08     | 14       | 2920     | <2       | 1.06     | 3        | 6        |     |
| S792637            | 6.45    | <10      | 5        | 0.08     | <10      | 4.66     | 4450     | 3        | 0.01     | 18       | 400      | 28       | 2.09     | 31       | 4        |     |
| S792638            | 4.29    | <10      | <1       | 0.10     | 10       | 0.97     | 2870     | 1        | 0.01     | 11       | 750      | 3        | 0.08     | 3        | 8        |     |
| S792639            | 10.05   | 10       | <1       | 0.15     | <10      | 1.12     | 840      | 1        | <0.01    | 83       | 1280     | 27       | 7.07     | 22       | 6        |     |
| S792640            | 4.07    | 10       | <1       | 0.28     | 50       | 1.01     | 1030     | 24       | 0.03     | 7        | 1440     | 4        | 2.17     | <2       | 3        |     |
| S792641            | 5.39    | 10       | <1       | 0.16     | 30       | 1.44     | 1130     | 16       | 0.06     | 8        | 2090     | 4        | 2.66     | <2       | 9        |     |
| S792642            | 7.59    | 10       | <1       | 0.21     | 40       | 0.61     | 626      | 20       | 0.03     | 4        | 1610     | 7        | 2.81     | <2       | 3        |     |
| S792643            | 4.61    | 10       | <1       | 0.18     | 20       | 1.53     | 904      | 93       | 0.08     | 3        | 2650     | 3        | 1.64     | <2       | 7        |     |
| S792644            | 5.36    | 10       | <1       | 0.18     | 20       | 1.20     | 687      | 26       | 0.05     | 4        | 2350     | 8        | 1.38     | <2       | 9        |     |
| S792645            | 4.26    | 10       | 1        | 0.15     | 10       | 0.89     | 513      | 11       | 0.04     | 2        | 1660     | 10       | 1.21     | <2       | 4        |     |
| S792646            | 2.23    | <10      | <1       | 0.06     | 20       | 0.11     | 5520     | 13       | 0.01     | <1       | 240      | 48       | 0.33     | <2       | 9        |     |
| S792701            | 4.47    | 10       | <1       | 0.26     | 10       | 0.99     | 1170     | <1       | 0.03     | 4        | 1910     | 5        | 0.01     | <2       | 12       |     |
| S792702            | 5.76    | 10       | <1       | 0.23     | 10       | 1.76     | 1230     | <1       | 0.03     | 4        | 1740     | 12       | 0.01     | <2       | 11       |     |
| S792703            | 5.40    | <10      | <1       | 0.13     | 10       | 0.84     | 2650     | 2        | 0.01     | 2        | 1200     | 7        | <0.01    | <2       | 10       |     |
| S792704            | 4.88    | 10       | <1       | 0.15     | 10       | 0.77     | 2290     | 1        | 0.01     | 3        | 1680     | 15       | 0.04     | <2       | 11       |     |
| S792705            | 5.86    | <10      | 1        | 0.22     | 10       | 0.35     | 4330     | 1        | <0.01    | 7        | 1810     | 693      | 0.35     | 7        | 11       |     |
| S792706            | 4.88    | <10      | <1       | 0.16     | 10       | 0.52     | 2580     | 1        | 0.01     | 7        | 1410     | 13       | 0.02     | 2        | 9        |     |
| S792707            | 2.61    | <10      | <1       | 0.17     | 10       | 0.11     | 1470     | 1        | 0.02     | 5        | 2060     | 5        | 0.02     | <2       | 11       |     |
| S792708            | 5.98    | <10      | <1       | 0.19     | 10       | 0.82     | 4680     | 1        | 0.01     | 3        | 1650     | 215      | 0.17     | <2       | 9        |     |
| S792709            | 4.13    | <10      | <1       | 0.19     | 10       | 0.24     | 3070     | <1       | 0.01     | 4        | 1520     | 10       | 0.12     | <2       | 8        |     |
| S792710            | 4.41    | <10      | <1       | 0.13     | 10       | 0.44     | 2570     | <1       | 0.01     | 5        | 1420     | 13       | 0.08     | <2       | 9        |     |
| S792711            | 13.50   | <10      | <1       | 0.19     | <10      | 1.11     | 17850    | 3        | 0.01     | 3        | 700      | 125      | 4.24     | 123      | 4        |     |
| S792712            | 4.60    | <10      | <1       | 0.26     | 10       | 0.63     | 5250     | 1        | 0.01     | 5        | 1180     | 137      | 0.63     | 6        | 5        |     |
| S792713            | 5.13    | <10      | <1       | 0.21     | 10       | 0.99     | 2710     | <1       | 0.01     | 2        | 1100     | 19       | 0.96     | 2        | 5        |     |
| S792714            | 6.52    | <10      | 1        | 0.14     | <10      | 1.77     | 4040     | 4        | 0.01     | 13       | 880      | 1420     | 1.94     | 34       | 7        |     |



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

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**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Cu-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                          | Sr       | Th       | Ti       | Tl       | U        | V        | W        | Zn       | Ag      | Cu      | Zn      |
|                    |                          | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                          | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792621            |                          | 222      | <20      | <0.01    | <10      | <10      | 25       | <10      | 3770     |         |         |         |
| S792622            |                          | 50       | <20      | <0.01    | <10      | <10      | 27       | <10      | 510      |         |         |         |
| S792623            |                          | 225      | <20      | <0.01    | <10      | <10      | 64       | <10      | 864      |         |         |         |
| S792624            |                          | 74       | <20      | <0.01    | <10      | <10      | 6        | <10      | >10000   | 438     | 1.012   | 12.50   |
| S792625            |                          | 55       | <20      | <0.01    | <10      | <10      | 75       | <10      | 367      |         |         |         |
| S792626            |                          | 47       | <20      | <0.01    | <10      | <10      | 87       | <10      | 95       |         |         |         |
| S792627            |                          | 83       | <20      | <0.01    | <10      | <10      | 78       | <10      | 815      |         |         |         |
| S792628            |                          | 11       | <20      | <0.01    | <10      | <10      | 51       | <10      | 985      | 1.852   |         |         |
| S792629            |                          | 260      | <20      | <0.01    | <10      | <10      | 22       | <10      | 186      |         |         |         |
| S792630            |                          | 117      | <20      | <0.01    | <10      | <10      | 97       | <10      | 39       |         |         |         |
| S792631            |                          | 53       | <20      | <0.01    | <10      | <10      | 82       | <10      | 45       |         |         |         |
| S792632            |                          | 53       | <20      | 0.21     | <10      | <10      | 141      | <10      | 51       |         |         |         |
| S792633            |                          | 31       | <20      | 0.20     | <10      | <10      | 139      | <10      | 23       |         |         |         |
| S792634            |                          | 75       | <20      | 0.25     | <10      | <10      | 200      | <10      | 60       |         |         |         |
| S792635            |                          | 42       | <20      | 0.26     | <10      | <10      | 182      | <10      | 30       |         |         |         |
| S792636            |                          | 99       | <20      | 0.31     | <10      | <10      | 205      | <10      | 47       |         |         |         |
| S792637            |                          | 152      | <20      | <0.01    | <10      | <10      | 34       | <10      | 108      |         |         |         |
| S792638            |                          | 144      | <20      | <0.01    | <10      | <10      | 87       | <10      | 60       |         |         |         |
| S792639            |                          | 13       | <20      | <0.01    | <10      | <10      | 93       | <10      | 256      |         |         |         |
| S792640            |                          | 52       | <20      | 0.05     | <10      | <10      | 109      | <10      | 95       |         |         |         |
| S792641            |                          | 60       | <20      | 0.16     | <10      | <10      | 174      | <10      | 131      |         |         |         |
| S792642            |                          | 28       | <20      | 0.01     | <10      | <10      | 110      | <10      | 56       |         |         |         |
| S792643            |                          | 239      | <20      | 0.23     | <10      | <10      | 174      | <10      | 78       |         |         |         |
| S792644            |                          | 61       | <20      | 0.20     | <10      | <10      | 172      | <10      | 56       |         |         |         |
| S792645            |                          | 77       | <20      | 0.21     | <10      | <10      | 122      | <10      | 36       |         |         |         |
| S792646            |                          | 310      | <20      | 0.01     | <10      | <10      | 38       | <10      | 308      |         |         |         |
| S792701            |                          | 88       | <20      | 0.01     | <10      | <10      | 137      | <10      | 59       |         |         |         |
| S792702            |                          | 65       | <20      | 0.04     | <10      | <10      | 177      | <10      | 87       |         |         |         |
| S792703            |                          | 122      | <20      | <0.01    | <10      | <10      | 86       | <10      | 42       |         |         |         |
| S792704            |                          | 65       | <20      | <0.01    | <10      | <10      | 115      | <10      | 115      |         |         |         |
| S792705            |                          | 63       | <20      | <0.01    | <10      | <10      | 80       | <10      | 8260     |         |         |         |
| S792706            |                          | 97       | <20      | <0.01    | <10      | <10      | 70       | <10      | 97       |         |         |         |
| S792707            |                          | 67       | <20      | <0.01    | <10      | <10      | 63       | <10      | 39       |         |         |         |
| S792708            |                          | 100      | <20      | <0.01    | <10      | <10      | 75       | <10      | 1325     |         |         |         |
| S792709            |                          | 99       | <20      | <0.01    | <10      | <10      | 62       | <10      | 38       |         |         |         |
| S792710            |                          | 153      | <20      | <0.01    | <10      | <10      | 95       | <10      | 43       |         |         |         |
| S792711            |                          | 69       | <20      | <0.01    | <10      | <10      | 20       | <10      | 1915     | 112     | 2.341   |         |
| S792712            |                          | 66       | <20      | <0.01    | <10      | <10      | 26       | <10      | 1490     |         |         |         |
| S792713            |                          | 128      | <20      | <0.01    | <10      | <10      | 50       | <10      | 109      |         |         |         |
| S792714            |                          | 198      | <20      | <0.01    | <10      | <10      | 41       | <10      | 6510     |         |         |         |





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

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**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | Au-GRA22 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm |
|--------------------|--------------------------|---------------------|----------------|-----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|
| S792715            |                          | 0.02                | 0.005          | 0.05            | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               |
| S792716            |                          | 1.63                | <0.005         |                 | 1.5             | 1.25          | 10              | <10            | 50              | 0.6             | 2               | 4.65          | <0.5            | 13              | 2               | 174             |
| S792717            |                          | 1.76                | <0.005         |                 | 0.2             | 2.29          | <2              | <10            | 90              | 0.5             | <2              | 4.05          | <0.5            | 18              | 15              | 150             |
| S792718            |                          | 1.93                | <0.005         |                 | 2.1             | 0.57          | 16              | <10            | 510             | 0.5             | 2               | 18.1          | <0.5            | 10              | 2               | 56              |
| S792719            |                          | 1.42                | 0.023          |                 | 0.4             | 2.74          | 9               | 10             | 30              | 0.8             | 5               | 2.22          | <0.5            | 68              | 12              | 473             |
| S792720            |                          | 0.82                | 0.033          |                 | 0.5             | 2.20          | 25              | <10            | 70              | <0.5            | 4               | 1.26          | <0.5            | 71              | 21              | 755             |
| S792721            |                          | 1.15                | 7.63           |                 | 22.8            | 0.40          | >10000          | <10            | 50              | <0.5            | 5               | 0.57          | 1.0             | 9               | 9               | 239             |
| S792722            |                          | 1.32                | 9.69           |                 | 11.1            | 1.20          | >10000          | <10            | 70              | <0.5            | 7               | 0.76          | 0.5             | 13              | 37              | 398             |
| S792723            |                          | 3.26                | 0.038          |                 | 1.1             | 0.51          | 80              | <10            | 80              | <0.5            | 4               | 0.27          | <0.5            | 5               | 90              | 168             |
| S792724            |                          | 0.92                | 5.52           |                 | 8.3             | 0.67          | >10000          | <10            | 20              | <0.5            | 13              | 4.32          | 57.1            | 32              | 4               | 184             |
| S792725            |                          | 1.30                | 0.018          |                 | 0.5             | 1.37          | 71              | <10            | 20              | 0.5             | 2               | 4.60          | 1.2             | 22              | 41              | 237             |
| S792726            |                          | 1.42                | <0.005         |                 | 0.3             | 0.42          | 81              | <10            | 130             | 0.5             | 3               | 22.4          | <0.5            | 3               | 7               | 27              |
| S792727            |                          | 2.22                | 0.358          |                 | 1.7             | 2.50          | 555             | <10            | 60              | 0.5             | 5               | 2.31          | 8.4             | 11              | 48              | 121             |
| S792728            |                          | 2.41                | 0.336          |                 | 1.8             | 2.46          | 1770            | <10            | 90              | <0.5            | 5               | 1.20          | 2.4             | 12              | 55              | 179             |
| S792729            |                          | 2.15                | 0.025          | 12.70           | 0.4             | 3.10          | 284             | <10            | 100             | 0.5             | 2               | 2.36          | 1.4             | 14              | 62              | 78              |
| S792730            |                          | 2.72                | >10.0          |                 | 21.7            | 0.07          | >10000          | <10            | 30              | <0.5            | 34              | 0.05          | 33.9            | 156             | 1               | 139             |
| S792731            |                          | 2.25                | 0.006          |                 | 0.3             | 1.85          | 230             | <10            | 60              | 0.6             | 2               | 3.01          | <0.5            | 23              | 4               | 743             |
| S792732            |                          | 2.06                | 0.007          |                 | 2.2             | 1.49          | 23              | <10            | 90              | 1.0             | <2              | 5.96          | 2.1             | 16              | 4               | 662             |
| S792733            |                          | 1.82                | 0.010          |                 | 5.1             | 0.66          | 77              | <10            | 150             | 0.5             | <2              | 14.3          | 6.3             | 13              | 2               | 432             |
| S792734            |                          | 1.81                | 0.009          |                 | 0.7             | 1.84          | 29              | <10            | 50              | 0.7             | 2               | 5.35          | 1.0             | 22              | 5               | 713             |
| S792735            |                          | 1.76                | 0.008          |                 | 1.4             | 0.92          | 102             | <10            | 280             | 0.8             | 3               | 10.9          | 22.6            | 10              | 2               | 378             |
| S792736            |                          | 1.06                | 0.007          |                 | 0.9             | 1.26          | 35              | <10            | 20              | 2.9             | 2               | 1.67          | 2.1             | 27              | 1               | 1790            |
| S792737            |                          | 1.25                | 0.009          |                 | 0.5             | 1.45          | 44              | <10            | 90              | 1.4             | 2               | 4.76          | 0.9             | 22              | 3               | 692             |
| S792738            |                          | 1.51                | <0.005         |                 | 0.8             | 0.53          | 32              | <10            | 260             | 0.7             | 3               | 18.0          | 2.2             | 16              | 3               | 351             |
| S792738            |                          | 1.22                | 0.018          |                 | 0.7             | 2.54          | 41              | <10            | 590             | 10.2            | 3               | 2.66          | 4.0             | 69              | 3               | 5290            |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | ME-ICP41 Fe % | ME-ICP41 Ga ppm | ME-ICP41 Hg ppm | ME-ICP41 K % | ME-ICP41 La ppm | ME-ICP41 Mg % | ME-ICP41 Mn ppm | ME-ICP41 Mo ppm | ME-ICP41 Na % | ME-ICP41 Ni ppm | ME-ICP41 P ppm | ME-ICP41 Pb ppm | ME-ICP41 S % | ME-ICP41 Sb ppm | ME-ICP41 Sc ppm |
|--------------------|--------------------------|---------------|-----------------|-----------------|--------------|-----------------|---------------|-----------------|-----------------|---------------|-----------------|----------------|-----------------|--------------|-----------------|-----------------|
| S792715            |                          | 5.97          | <10             | <1              | 0.17         | 10              | 0.61          | 2180            | 1               | 0.01          | 7               | 1750           | 6               | 0.09         | <2              | 12              |
| S792716            |                          | 5.12          | 10              | 1               | 0.06         | 10              | 1.86          | 1490            | <1              | 0.03          | 12              | 1590           | 3               | 0.01         | <2              | 13              |
| S792717            |                          | 4.27          | <10             | <1              | 0.09         | 10              | 1.04          | 3070            | 1               | 0.01          | 4               | 620            | 9               | 0.26         | 3               | 6               |
| S792718            |                          | 9.31          | 10              | <1              | 0.19         | 10              | 1.58          | 659             | 17              | 0.05          | 38              | 1880           | 5               | 4.09         | 3               | 7               |
| S792719            |                          | 7.32          | 10              | <1              | 0.78         | 10              | 1.34          | 628             | 29              | 0.33          | 40              | 2460           | 8               | 4.13         | <2              | 6               |
| S792720            |                          | 6.69          | <10             | <1              | 0.34         | 10              | 0.17          | 106             | 6               | 0.01          | 6               | 1780           | 2310            | 2.65         | 577             | 7               |
| S792721            |                          | 6.80          | 10              | <1              | 0.41         | 10              | 1.04          | 397             | 9               | 0.05          | 15              | 1970           | 1890            | 2.44         | 405             | 8               |
| S792722            |                          | 7.04          | 10              | <1              | 0.40         | <10             | 0.31          | 146             | 22              | 0.08          | 11              | 1080           | 4               | 2.12         | 5               | 7               |
| S792723            |                          | 9.84          | 10              | 1               | 0.12         | 10              | 0.50          | 746             | 7               | 0.02          | 13              | 1280           | 588             | 7.25         | 172             | 5               |
| S792724            |                          | 6.31          | 10              | <1              | 0.16         | 10              | 1.32          | 998             | 3               | 0.05          | 24              | 2260           | 4               | 3.64         | 7               | 11              |
| S792725            |                          | 2.79          | <10             | <1              | 0.12         | 10              | 0.51          | 1735            | 1               | 0.01          | 17              | 540            | 5               | 1.32         | 7               | 3               |
| S792726            |                          | 5.57          | 10              | 1               | 0.14         | 10              | 1.65          | 1335            | 1               | 0.02          | 35              | 1510           | 12              | 0.24         | 6               | 8               |
| S792727            |                          | 6.48          | 10              | <1              | 0.16         | 10              | 1.70          | 933             | 1               | 0.02          | 46              | 1470           | 14              | 0.26         | 10              | 7               |
| S792728            |                          | 5.34          | 10              | 1               | 0.14         | 10              | 2.15          | 911             | 1               | 0.03          | 56              | 1610           | 4               | 0.06         | 3               | 8               |
| S792729            |                          | 28.1          | <10             | 2               | 0.05         | <10             | 0.01          | 46              | 1               | <0.01         | 15              | 40             | 594             | 7.28         | 178             | <1              |
| S792730            |                          | 5.53          | 10              | <1              | 0.28         | 20              | 1.64          | 1500            | 24              | 0.05          | 6               | 2610           | 5               | 2.53         | <2              | 8               |
| S792731            |                          | 4.28          | 10              | <1              | 0.16         | 30              | 1.02          | 2670            | 33              | 0.04          | 5               | 1880           | 186             | 2.02         | 2               | 6               |
| S792732            |                          | 2.62          | <10             | <1              | 0.25         | 20              | 0.27          | 3980            | 16              | 0.01          | 4               | 1960           | 220             | 1.94         | <2              | 5               |
| S792733            |                          | 4.76          | 10              | <1              | 0.25         | 30              | 1.33          | 2190            | 13              | 0.04          | 6               | 2700           | 63              | 1.74         | <2              | 9               |
| S792734            |                          | 4.04          | <10             | <1              | 0.25         | 20              | 0.62          | 3070            | 22              | <0.01         | 3               | 1430           | 73              | 1.17         | 2               | 3               |
| S792735            |                          | 3.39          | <10             | <1              | 0.34         | 100             | 0.20          | 2170            | 23              | <0.01         | 28              | 1770           | 49              | 0.43         | 2               | 2               |
| S792736            |                          | 5.38          | 10              | <1              | 0.25         | 30              | 0.92          | 1665            | 12              | 0.04          | 12              | 1900           | 10              | 2.59         | <2              | 6               |
| S792737            |                          | 2.39          | <10             | <1              | 0.15         | 30              | 0.18          | 4940            | 26              | <0.01         | 7               | 630            | 142             | 1.34         | <2              | 2               |
| S792738            |                          | 3.02          | <10             | <1              | 0.24         | 340             | 0.18          | 6590            | 41              | <0.01         | 90              | 650            | 49              | 0.25         | <2              | 3               |



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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16102953**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Cu-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                          | Sr       | Th       | Ti       | Tl       | U        | V        | W        | Zn       | Ag      | Cu      | Zn      |
|                    |                          | ppm      | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                          | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792715            |                          | 80       | <20      | <0.01    | <10      | <10      | 98       | <10      | 35       |         |         |         |
| S792716            |                          | 82       | <20      | 0.01     | <10      | <10      | 169      | <10      | 112      |         |         |         |
| S792717            |                          | 434      | <20      | <0.01    | <10      | <10      | 51       | <10      | 36       |         |         |         |
| S792718            |                          | 43       | <20      | 0.24     | <10      | <10      | 144      | <10      | 63       |         |         |         |
| S792719            |                          | 141      | <20      | 0.33     | <10      | <10      | 137      | <10      | 73       |         |         |         |
| S792720            |                          | 21       | <20      | 0.17     | <10      | <10      | 69       | <10      | 99       |         |         |         |
| S792721            |                          | 37       | <20      | 0.19     | <10      | <10      | 144      | <10      | 69       |         |         |         |
| S792722            |                          | 45       | <20      | 0.29     | <10      | <10      | 120      | <10      | 25       |         |         |         |
| S792723            |                          | 59       | <20      | 0.06     | <10      | <10      | 72       | <10      | 5960     |         |         |         |
| S792724            |                          | 79       | <20      | 0.22     | <10      | <10      | 168      | <10      | 147      |         |         |         |
| S792725            |                          | 494      | <20      | <0.01    | <10      | <10      | 12       | <10      | 60       |         |         |         |
| S792726            |                          | 42       | <20      | <0.01    | <10      | <10      | 131      | <10      | 450      |         |         |         |
| S792727            |                          | 35       | <20      | <0.01    | <10      | <10      | 125      | <10      | 200      |         |         |         |
| S792728            |                          | 70       | <20      | 0.01     | <10      | <10      | 145      | <10      | 119      |         |         |         |
| S792729            |                          | 16       | <20      | <0.01    | <10      | <10      | 3        | <10      | 168      |         |         |         |
| S792730            |                          | 78       | <20      | 0.12     | <10      | <10      | 182      | <10      | 94       |         |         |         |
| S792731            |                          | 135      | <20      | 0.13     | <10      | <10      | 128      | <10      | 285      |         |         |         |
| S792732            |                          | 282      | <20      | <0.01    | <10      | <10      | 21       | <10      | 1175     |         |         |         |
| S792733            |                          | 110      | <20      | 0.08     | <10      | <10      | 156      | <10      | 234      |         |         |         |
| S792734            |                          | 190      | <20      | <0.01    | <10      | <10      | 34       | <10      | 3620     |         |         |         |
| S792735            |                          | 31       | <20      | <0.01    | <10      | <10      | 29       | <10      | 261      |         |         |         |
| S792736            |                          | 125      | <20      | 0.12     | <10      | <10      | 114      | <10      | 159      |         |         |         |
| S792737            |                          | 267      | <20      | <0.01    | <10      | <10      | 13       | <10      | 414      |         |         |         |
| S792738            |                          | 66       | <20      | <0.01    | <10      | <10      | 22       | <10      | 849      |         |         |         |



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**CERTIFICATE OF ANALYSIS KL16102953**

|                    | <b>CERTIFICATE COMMENTS</b>   |          |         |          |         |          |         |        |        |
|--------------------|---|----------|---------|----------|---------|----------|---------|--------|--------|
|                    | <b>LABORATORY ADDRESSES</b>   |          |         |          |         |          |         |        |        |
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>    | BAG-01   | CRU-32  | CRU-QC   | LOG-22  | PUL-35a  | PUL-QC  | SPL-21 | WEI-21 |
| BAG-01             | CRU-32  | CRU-QC   | LOG-22  |          |         |          |         |        |        |
| PUL-35a            | PUL-QC  | SPL-21   | WEI-21  |          |         |          |         |        |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA62</td> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">Au-GRA22</td> <td style="width: 15%;">Cu-AA62</td> </tr> <tr> <td>ME-ICP41</td> <td>Zn-AA62</td> <td></td> <td></td> </tr> </table> | Ag-AA62  | Au-AA24 | Au-GRA22 | Cu-AA62 | ME-ICP41 | Zn-AA62 |        |        |
| Ag-AA62            | Au-AA24   | Au-GRA22 | Cu-AA62 |          |         |          |         |        |        |
| ME-ICP41           | Zn-AA62   |          |         |          |         |          |         |        |        |



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**CERTIFICATE KL16108482**

Project: Spectrum  
 P.O. No.: SP-R16-03  
 This report is for 46 Rock samples submitted to our lab in Kamloops, BC, Canada on 6-JUL-2016.  
 The following have access to data associated with this certificate:

|                              |                               |                             |
|------------------------------|-------------------------------|-----------------------------|
| PAUL BAXTER<br>COLIN RUSSELL | MIKE CATHRO<br>JACQUES STACEY | RAEGAN MARKEL<br>JOHN TYLER |
|------------------------------|-------------------------------|-----------------------------|

| <b>SAMPLE PREPARATION</b> |                                |
|---------------------------|--------------------------------|
| ALS CODE                  | DESCRIPTION                    |
| WEI-21                    | Received Sample Weight         |
| LOG-22                    | Sample login - Rcd w/o BarCode |
| CRU-QC                    | Crushing QC Test               |
| PUL-QC                    | Pulverizing QC Test            |
| CRU-32                    | Fine Crushing 90% <2mm         |
| SPL-21                    | Split sample - riffle splitter |
| PUL-35a                   | Pulv 1 kg split to 95%<106 um  |
| BAG-01                    | Bulk Master for Storage        |

| <b>ANALYTICAL PROCEDURES</b> |                                |            |
|------------------------------|--------------------------------|------------|
| ALS CODE                     | DESCRIPTION                    | INSTRUMENT |
| ME-ICP41                     | 35 Element Aqua Regia ICP-AES  | ICP-AES    |
| Ag-AA62                      | Ore grade Ag - four acid /AAS  | AAS        |
| Pb-AA62                      | Ore grade Pb - four acid / AAS | AAS        |
| Zn-AA62                      | Ore grade Zn - four acid / AAS | AAS        |
| Au-AA24                      | Au 50g FA AA finish            | AAS        |

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16108482**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                    |                          | 0.02                | 0.005          | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               | 0.01          |
| S792647            |                          | 2.05                | 0.014          | 1.4             | 1.30          | 17              | <10            | 290             | 2.8             | <2              | 13.6          | 11.0            | 22              | 5               | 2440            | 1.65          |
| S792648            |                          | 1.96                | 0.046          | 1.1             | 1.19          | 25              | 10             | 170             | 1.5             | <2              | 10.5          | 2.9             | 16              | 4               | 1100            | 3.22          |
| S792649            |                          | 2.03                | 0.013          | 0.6             | 1.46          | 13              | <10            | 50              | 0.7             | <2              | 1.10          | 0.9             | 19              | 4               | 827             | 5.73          |
| S792650            |                          | 1.71                | 0.010          | 0.2             | 1.73          | 11              | <10            | 60              | 1.3             | <2              | 3.28          | 1.6             | 23              | 4               | 1020            | 4.85          |
| S792651            |                          | 3.59                | 0.045          | 3.5             | 0.93          | 108             | <10            | 130             | 1.0             | <2              | 12.4          | 68.2            | 12              | 4               | 777             | 2.89          |
| S792652            |                          | 2.22                | 0.005          | 0.2             | 1.89          | 15              | <10            | 40              | 1.3             | <2              | 2.09          | 1.7             | 38              | 4               | 921             | 4.85          |
| S792653            |                          | 1.88                | <0.005         | 0.2             | 1.77          | 23              | <10            | 30              | 1.0             | <2              | 1.23          | 1.0             | 33              | 3               | 1040            | 5.19          |
| S792654            |                          | 2.07                | 0.084          | 4.2             | 1.27          | 35              | <10            | 130             | 2.3             | 15              | 8.4           | 3.9             | 25              | 4               | 2090            | 2.98          |
| S792655            |                          | 2.01                | 0.027          | 2.5             | 0.51          | 39              | <10            | 610             | 0.9             | <2              | 23.9          | 7.3             | 5               | 1               | 562             | 1.35          |
| S792656            |                          | 1.90                | 0.015          | 2.4             | 0.83          | 132             | <10            | 150             | 1.0             | <2              | 22.9          | 11.9            | 15              | 4               | 600             | 2.72          |
| S792657            |                          | 1.93                | 0.133          | 34.3            | 1.24          | 145             | <10            | 210             | 1.2             | <2              | 17.7          | 19.0            | 19              | 3               | 2110            | 2.34          |
| S792658            |                          | 2.45                | 0.064          | >100            | 0.88          | 78              | <10            | 100             | 1.6             | <2              | 14.0          | 86.9            | 16              | 3               | 2820            | 1.39          |
| S792659            |                          | 2.12                | 0.014          | 2.9             | 0.31          | 297             | <10            | 30              | 0.5             | <2              | 21.7          | 1.3             | 6               | 3               | 385             | 2.95          |
| S792660            |                          | 1.53                | <0.005         | 1.2             | 3.21          | 34              | 10             | 190             | 1.2             | 2               | 2.38          | 0.8             | 20              | 4               | 508             | 4.99          |
| S792661            |                          | 1.92                | 0.009          | 1.1             | 2.01          | 95              | <10            | 80              | 1.1             | <2              | 3.45          | 0.8             | 27              | 4               | 871             | 6.16          |
| S792662            |                          | 1.92                | 0.005          | 0.2             | 1.85          | 55              | <10            | 40              | 1.3             | <2              | 4.34          | 0.8             | 29              | 9               | 1230            | 3.83          |
| S792663            |                          | 2.44                | <0.005         | 1.9             | 0.44          | 62              | <10            | 200             | 0.5             | <2              | >25.0         | 14.7            | 5               | 1               | 396             | 2.19          |
| S792664            |                          | 1.83                | <0.005         | 0.4             | 0.47          | 21              | <10            | 430             | <0.5            | <2              | 21.4          | 0.7             | 8               | 3               | 238             | 1.90          |
| S792665            |                          | 2.08                | <0.005         | 0.3             | 1.94          | 35              | <10            | 40              | 0.6             | <2              | 1.28          | <0.5            | 22              | 2               | 497             | 5.56          |
| S792666            |                          | 1.92                | 0.005          | 0.3             | 1.85          | 139             | <10            | 30              | 0.6             | <2              | 1.96          | 0.9             | 16              | 16              | 268             | 4.49          |
| S792667            |                          | 1.76                | <0.005         | 0.3             | 2.03          | 31              | <10            | 40              | 0.7             | <2              | 1.86          | 1.6             | 14              | 9               | 236             | 5.40          |
| S792668            |                          | 2.14                | 0.020          | 3.4             | 1.34          | 317             | <10            | 10              | 0.9             | <2              | 19.9          | 31.2            | 18              | 1               | 257             | 4.27          |
| S792669            |                          | 1.80                | <0.005         | 0.3             | 2.11          | 21              | <10            | 30              | 0.7             | 2               | 1.69          | 0.7             | 17              | 5               | 213             | 4.86          |
| S792670            |                          | 2.53                | <0.005         | 0.8             | 1.33          | 39              | <10            | 20              | <0.5            | <2              | 21.3          | 1.0             | 12              | 2               | 213             | 6.11          |
| S792671            |                          | 2.32                | <0.005         | 0.3             | 2.86          | 14              | 10             | 40              | 1.1             | <2              | 1.79          | 1.2             | 19              | 4               | 292             | 5.07          |
| S792739            |                          | 1.89                | <0.005         | 0.2             | 1.51          | 10              | <10            | 40              | 0.9             | 2               | 1.61          | 0.7             | 14              | 5               | 555             | 3.72          |
| S792740            |                          | 2.50                | 0.056          | 10.6            | 0.33          | 52              | <10            | 50              | <0.5            | 5               | 17.5          | 37.5            | 6               | 3               | 492             | 1.61          |
| S792741            |                          | 1.78                | 0.013          | 0.3             | 1.23          | 37              | 10             | 50              | 1.0             | <2              | 2.85          | 0.9             | 13              | 2               | 432             | 2.90          |
| S792742            |                          | 1.74                | 0.962          | 9.2             | 0.98          | 197             | <10            | 60              | 1.1             | 4               | 11.8          | 38.5            | 37              | 2               | 3740            | 5.13          |
| S792743            |                          | 1.56                | 0.061          | 1.6             | 1.61          | 26              | <10            | 30              | 0.5             | <2              | 0.48          | <0.5            | 22              | 2               | 817             | 6.85          |
| S792744            |                          | 1.62                | <0.005         | 0.2             | 0.42          | 4               | <10            | 1420            | 1.1             | 4               | 23.4          | 0.8             | 3               | 2               | 1060            | 1.00          |
| S792745            |                          | 1.09                | 0.017          | 0.9             | 1.72          | 75              | <10            | 60              | 1.0             | 2               | 0.31          | <0.5            | 11              | 2               | 534             | 6.25          |
| S792746            |                          | 1.90                | 0.032          | 1.1             | 1.40          | 159             | <10            | 60              | 2.1             | 2               | 11.9          | 4.9             | 33              | 3               | 1770            | 2.79          |
| S792747            |                          | 2.17                | 0.120          | 18.5            | 0.19          | 179             | <10            | 60              | <0.5            | 4               | 20.8          | 43.5            | <1              | 2               | 1055            | 1.06          |
| S792748            |                          | 2.61                | 0.007          | 1.6             | 0.29          | 9               | <10            | 120             | <0.5            | 7               | >25.0         | 8.7             | <1              | 1               | 521             | 1.55          |
| S792749            |                          | 1.93                | 0.033          | 1.5             | 0.83          | 40              | <10            | 40              | 1.1             | 4               | 14.1          | 6.6             | 13              | 2               | 861             | 2.72          |
| S792750            |                          | 1.07                | 0.016          | 1.1             | 0.40          | 28              | <10            | 70              | <0.5            | 4               | 22.3          | 0.5             | 2               | 2               | 80              | 1.93          |
| S792751            |                          | 1.71                | <0.005         | 0.6             | 1.84          | 91              | <10            | 180             | 0.6             | 6               | 15.2          | 0.5             | 15              | 2               | 402             | 5.21          |
| S792752            |                          | 2.90                | 0.015          | 0.4             | 1.87          | 44              | <10            | 40              | 0.8             | <2              | 4.82          | <0.5            | 42              | 8               | 1155            | 7.47          |
| S792753            |                          | 2.05                | <0.005         | 0.5             | 1.98          | 65              | <10            | 40              | 0.8             | <2              | 4.33          | <0.5            | 31              | 2               | 610             | 7.05          |



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**CERTIFICATE OF ANALYSIS KL16108482**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |        |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    |                          | Ga ppm   | Hg ppm   | K %      | La ppm   | Mg %     | Mn ppm   | Mo ppm   | Na %     | Ni ppm   | P ppm    | Pb ppm   | S %      | Sb ppm   | Sc ppm   | Sr ppm |
|                    |                          | 10       | 1        | 0.01     | 10       | 0.01     | 5        | 1        | 0.01     | 1        | 10       | 2        | 0.01     | 2        | 1        | 1      |
| S792647            |                          | <10      | <1       | 0.10     | 130      | 0.18     | 4540     | 104      | 0.02     | 21       | 160      | 1160     | 0.44     | 2        | 1        | 175    |
| S792648            |                          | <10      | <1       | 0.22     | 80       | 0.41     | 3020     | 35       | 0.02     | 17       | 1170     | 28       | 1.68     | <2       | 4        | 122    |
| S792649            |                          | 10       | 1        | 0.29     | 30       | 1.04     | 782      | 21       | 0.08     | 8        | 2010     | 5        | 2.11     | <2       | 7        | 53     |
| S792650            |                          | 10       | <1       | 0.33     | 50       | 1.02     | 1270     | 24       | 0.05     | 15       | 2160     | 3        | 2.76     | <2       | 10       | 62     |
| S792651            |                          | <10      | <1       | 0.12     | 40       | 0.42     | 4230     | 35       | 0.02     | 6        | 500      | 1270     | 1.56     | 5        | 1        | 186    |
| S792652            |                          | 10       | <1       | 0.29     | 60       | 1.07     | 1060     | 50       | 0.04     | 15       | 1930     | 2        | 2.73     | 2        | 6        | 42     |
| S792653            |                          | 10       | <1       | 0.21     | 50       | 1.46     | 841      | 33       | 0.07     | 12       | 2220     | 7        | 2.44     | <2       | 9        | 45     |
| S792654            |                          | <10      | <1       | 0.19     | 80       | 0.33     | 5340     | 51       | 0.02     | 22       | 820      | 74       | 1.48     | <2       | 3        | 125    |
| S792655            |                          | <10      | <1       | 0.10     | 70       | 0.17     | 5600     | 8        | 0.02     | 7        | 240      | 368      | 0.50     | 2        | 1        | 470    |
| S792656            |                          | 10       | <1       | 0.13     | 30       | 0.63     | 6340     | 41       | 0.02     | 13       | 830      | 1040     | 0.90     | 4        | 3        | 409    |
| S792657            |                          | 10       | 1        | 0.02     | 80       | 0.42     | 5700     | 38       | 0.02     | 9        | 140      | 6120     | 0.70     | 12       | 2        | 243    |
| S792658            |                          | <10      | <1       | 0.03     | 80       | 0.20     | 4520     | 105      | 0.02     | 9        | 200      | >10000   | 1.11     | 37       | 3        | 290    |
| S792659            |                          | <10      | <1       | 0.02     | 20       | 0.11     | 4480     | 16       | 0.02     | 6        | 90       | 93       | 2.14     | 6        | 2        | 296    |
| S792660            |                          | 10       | <1       | 0.39     | 20       | 1.66     | 1560     | 87       | 0.12     | 8        | 3310     | 110      | 0.72     | 3        | 9        | 212    |
| S792661            |                          | 10       | <1       | 0.24     | 30       | 1.43     | 1810     | 12       | 0.05     | 19       | 2600     | 15       | 2.61     | 3        | 9        | 73     |
| S792662            |                          | 10       | <1       | 0.22     | 30       | 1.23     | 1850     | 56       | 0.07     | 15       | 2780     | 11       | 1.00     | <2       | 16       | 103    |
| S792663            |                          | <10      | <1       | 0.06     | 20       | 0.24     | 5180     | 43       | 0.02     | 6        | 240      | 1870     | 1.14     | <2       | 3        | 474    |
| S792664            |                          | <10      | <1       | 0.05     | 20       | 0.26     | 3380     | 67       | 0.02     | 8        | 420      | 55       | 0.67     | 2        | 3        | 387    |
| S792665            |                          | 10       | <1       | 0.21     | 20       | 1.52     | 896      | 12       | 0.07     | 7        | 2510     | 9        | 2.25     | 3        | 7        | 56     |
| S792666            |                          | 10       | <1       | 0.24     | 20       | 1.22     | 848      | 4        | 0.11     | 13       | 2110     | 7        | 1.70     | 11       | 6        | 104    |
| S792667            |                          | 10       | <1       | 0.27     | 20       | 1.53     | 1090     | 2        | 0.11     | 9        | 2910     | 11       | 1.53     | <2       | 9        | 120    |
| S792668            |                          | 10       | <1       | 0.04     | 20       | 1.12     | 2650     | 1        | 0.03     | 10       | 800      | 156      | 2.61     | 13       | 4        | 207    |
| S792669            |                          | 10       | <1       | 0.23     | 20       | 1.32     | 971      | 4        | 0.13     | 6        | 2490     | 3        | 1.67     | <2       | 7        | 127    |
| S792670            |                          | 10       | <1       | 0.15     | 10       | 1.52     | 5090     | 2        | 0.04     | 7        | 1160     | 59       | 5.04     | 12       | 6        | 229    |
| S792671            |                          | 10       | <1       | 0.23     | 20       | 1.65     | 892      | 2        | 0.16     | 13       | 2500     | 3        | 1.88     | <2       | 6        | 293    |
| S792739            |                          | 10       | <1       | 0.31     | 30       | 1.35     | 862      | 3        | 0.08     | 12       | 1930     | 5        | 1.86     | 3        | 5        | 56     |
| S792740            |                          | <10      | 1        | 0.12     | 30       | 0.07     | 4290     | 61       | 0.02     | 4        | 260      | 7010     | 1.68     | 17       | 1        | 261    |
| S792741            |                          | 10       | 1        | 0.29     | 50       | 0.49     | 910      | 31       | 0.03     | 7        | 1030     | 17       | 1.78     | <2       | 2        | 49     |
| S792742            |                          | 10       | 1        | 0.18     | 70       | 0.39     | 3390     | 53       | 0.02     | 14       | 710      | 153      | 3.69     | 8        | 2        | 119    |
| S792743            |                          | 10       | <1       | 0.17     | 30       | 1.11     | 590      | 35       | 0.07     | 5        | 1740     | 8        | 2.82     | 2        | 5        | 24     |
| S792744            |                          | <10      | 1        | 0.05     | 160      | 0.13     | 4480     | 2        | 0.02     | 10       | 120      | 10       | 0.24     | 2        | 1        | 252    |
| S792745            |                          | 10       | <1       | 0.24     | 30       | 0.62     | 650      | 13       | 0.04     | 2        | 2180     | 12       | 0.17     | 2        | 5        | 11     |
| S792746            |                          | <10      | <1       | 0.25     | 80       | 0.22     | 3680     | 38       | 0.02     | 14       | 620      | 114      | 1.69     | 3        | 2        | 193    |
| S792747            |                          | <10      | 1        | 0.02     | 20       | 0.11     | 5380     | 17       | 0.02     | 4        | 80       | 5400     | 1.02     | 14       | 1        | 778    |
| S792748            |                          | <10      | 2        | 0.06     | 30       | 0.22     | 8680     | 5        | 0.02     | 2        | 150      | 987      | 0.81     | 3        | 1        | 572    |
| S792749            |                          | <10      | 1        | 0.19     | 50       | 0.25     | 4740     | 9        | 0.02     | 13       | 720      | 69       | 1.90     | 2        | 2        | 182    |
| S792750            |                          | <10      | 1        | 0.12     | 30       | 0.15     | 5440     | 6        | 0.02     | 4        | 360      | 35       | 1.21     | 2        | 3        | 294    |
| S792751            |                          | 10       | <1       | 0.16     | 30       | 1.19     | 5000     | 5        | 0.03     | 6        | 1940     | 27       | 1.85     | 7        | 8        | 376    |
| S792752            |                          | 10       | <1       | 0.17     | 20       | 1.13     | 1390     | 6        | 0.04     | 17       | 2400     | 6        | 4.66     | 3        | 13       | 102    |
| S792753            |                          | 10       | 1        | 0.29     | 20       | 1.54     | 1420     | 9        | 0.06     | 10       | 2520     | 6        | 4.38     | 3        | 9        | 69     |



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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16108482**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Pb-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                          | Th       | Ti       | Ti       | U        | V        | W        | Zn       | Ag      | Pb      | Zn      |
|                    |                          | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                          | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792647            |                          | <20      | <0.01    | <10      | <10      | 9        | <10      | 1840     |         |         |         |
| S792648            |                          | <20      | <0.01    | <10      | <10      | 41       | <10      | 439      |         |         |         |
| S792649            |                          | <20      | 0.25     | <10      | <10      | 162      | <10      | 106      |         |         |         |
| S792650            |                          | <20      | 0.04     | <10      | <10      | 136      | <10      | 218      |         |         |         |
| S792651            |                          | <20      | <0.01    | <10      | <10      | 16       | <10      | 9990     |         |         |         |
| S792652            |                          | <20      | 0.06     | <10      | <10      | 126      | <10      | 210      |         |         |         |
| S792653            |                          | <20      | 0.17     | <10      | <10      | 174      | <10      | 145      |         |         |         |
| S792654            |                          | <20      | <0.01    | <10      | <10      | 20       | <10      | 413      |         |         |         |
| S792655            |                          | <20      | <0.01    | <10      | <10      | 9        | <10      | 1210     |         |         |         |
| S792656            |                          | <20      | 0.01     | <10      | <10      | 26       | <10      | 2180     |         |         |         |
| S792657            |                          | <20      | <0.01    | <10      | <10      | 11       | <10      | 3270     |         |         |         |
| S792658            |                          | <20      | <0.01    | <10      | <10      | 7        | <10      | >10000   | 151     | 2.74    | 1.535   |
| S792659            |                          | <20      | <0.01    | <10      | <10      | 10       | <10      | 195      |         |         |         |
| S792660            |                          | <20      | 0.33     | <10      | <10      | 214      | <10      | 182      |         |         |         |
| S792661            |                          | <20      | 0.13     | <10      | <10      | 170      | <10      | 129      |         |         |         |
| S792662            |                          | <20      | 0.17     | <10      | <10      | 195      | <10      | 122      |         |         |         |
| S792663            |                          | <20      | <0.01    | <10      | <10      | 17       | <10      | 3090     |         |         |         |
| S792664            |                          | <20      | 0.01     | <10      | <10      | 25       | <10      | 105      |         |         |         |
| S792665            |                          | <20      | 0.21     | <10      | <10      | 155      | <10      | 73       |         |         |         |
| S792666            |                          | <20      | 0.24     | <10      | <10      | 133      | <10      | 145      |         |         |         |
| S792667            |                          | <20      | 0.29     | <10      | <10      | 193      | <10      | 214      |         |         |         |
| S792668            |                          | <20      | 0.01     | <10      | <10      | 75       | <10      | 4170     |         |         |         |
| S792669            |                          | <20      | 0.26     | <10      | <10      | 156      | <10      | 118      |         |         |         |
| S792670            |                          | <20      | 0.15     | <10      | <10      | 104      | <10      | 155      |         |         |         |
| S792671            |                          | <20      | 0.34     | <10      | <10      | 170      | <10      | 188      |         |         |         |
| S792739            |                          | <20      | 0.22     | <10      | <10      | 134      | <10      | 130      |         |         |         |
| S792740            |                          | <20      | <0.01    | <10      | <10      | 5        | <10      | 5680     |         |         |         |
| S792741            |                          | <20      | <0.01    | <10      | <10      | 33       | <10      | 168      |         |         |         |
| S792742            |                          | <20      | <0.01    | <10      | <10      | 26       | <10      | 3040     |         |         |         |
| S792743            |                          | <20      | 0.15     | <10      | <10      | 163      | <10      | 76       |         |         |         |
| S792744            |                          | <20      | <0.01    | <10      | <10      | 6        | <10      | 99       |         |         |         |
| S792745            |                          | <20      | 0.02     | <10      | <10      | 80       | <10      | 100      |         |         |         |
| S792746            |                          | <20      | <0.01    | <10      | <10      | 16       | <10      | 861      |         |         |         |
| S792747            |                          | <20      | <0.01    | <10      | <10      | 4        | <10      | 9090     |         |         |         |
| S792748            |                          | <20      | <0.01    | <10      | <10      | 6        | <10      | 1950     |         |         |         |
| S792749            |                          | <20      | <0.01    | <10      | <10      | 18       | <10      | 996      |         |         |         |
| S792750            |                          | <20      | <0.01    | <10      | <10      | 9        | <10      | 95       |         |         |         |
| S792751            |                          | <20      | 0.05     | <10      | <10      | 123      | <10      | 130      |         |         |         |
| S792752            |                          | <20      | 0.14     | <10      | <10      | 158      | <10      | 53       |         |         |         |
| S792753            |                          | <20      | 0.09     | <10      | <10      | 162      | <10      | 56       |         |         |         |





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16108482**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                    |                          | 0.02                | 0.005          | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               | 0.01          |
| S792754            |                          | 1.59                | 0.018          | 10.7            | 2.12          | 42              | <10            | 10              | 0.8             | 6               | 3.49          | 240             | 11              | 18              | 868             | 5.87          |
| S792755            |                          | 1.36                | 0.009          | 0.6             | 1.67          | 33              | <10            | 30              | <0.5            | <2              | 1.01          | 0.5             | 27              | 26              | 343             | 6.92          |
| S792756            |                          | 1.76                | 0.056          | 4.6             | 2.49          | 62              | 10             | 10              | 0.7             | 2               | 2.78          | 85.2            | 22              | 15              | 829             | 6.44          |
| S792757            |                          | 1.60                | 0.030          | 2.7             | 2.42          | 37              | 10             | 20              | 0.7             | 3               | 3.06          | 16.0            | 21              | 7               | 529             | 7.46          |
| S792758            |                          | 2.73                | 0.008          | 0.6             | 2.81          | 39              | <10            | 30              | 0.9             | <2              | 2.01          | 0.9             | 19              | 3               | 433             | 6.93          |
| S792759            |                          | 2.52                | 0.008          | 0.3             | 2.54          | 18              | 10             | 50              | 0.9             | <2              | 2.05          | 0.9             | 21              | 8               | 371             | 5.88          |

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 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16108482**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41<br>Ga<br>ppm<br>10 | ME-ICP41<br>Hg<br>ppm<br>1 | ME-ICP41<br>K<br>%<br>0.01 | ME-ICP41<br>La<br>ppm<br>10 | ME-ICP41<br>Mg<br>%<br>0.01 | ME-ICP41<br>Mn<br>ppm<br>5 | ME-ICP41<br>Mo<br>ppm<br>1 | ME-ICP41<br>Na<br>%<br>0.01 | ME-ICP41<br>Ni<br>ppm<br>1 | ME-ICP41<br>P<br>ppm<br>10 | ME-ICP41<br>Pb<br>ppm<br>2 | ME-ICP41<br>S<br>%<br>0.01 | ME-ICP41<br>Sb<br>ppm<br>2 | ME-ICP41<br>Sc<br>ppm<br>1 | ME-ICP41<br>Sr<br>ppm<br>1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| S792754            |                                   | 10                          | 1                          | 0.13                       | 10                          | 1.19                        | 3190                       | 3                          | 0.02                        | 25                         | 990                        | 171                        | 2.89                       | 3                          | 5                          | 45                         |
| S792755            |                                   | 10                          | <1                         | 0.20                       | 20                          | 1.27                        | 653                        | 6                          | 0.13                        | 44                         | 2320                       | 4                          | 3.60                       | 2                          | 7                          | 60                         |
| S792756            |                                   | 10                          | 1                          | 0.23                       | 20                          | 1.52                        | 4050                       | 3                          | 0.02                        | 27                         | 1900                       | 45                         | 2.92                       | <2                         | 10                         | 53                         |
| S792757            |                                   | 10                          | <1                         | 0.28                       | 20                          | 1.49                        | 2990                       | 8                          | 0.03                        | 14                         | 3030                       | 19                         | 3.19                       | 2                          | 11                         | 56                         |
| S792758            |                                   | 10                          | 1                          | 0.18                       | 20                          | 1.72                        | 970                        | 2                          | 0.11                        | 10                         | 2340                       | 5                          | 2.76                       | <2                         | 6                          | 208                        |
| S792759            |                                   | 10                          | <1                         | 0.19                       | 20                          | 1.41                        | 974                        | 2                          | 0.11                        | 13                         | 2530                       | 5                          | 2.61                       | 2                          | 6                          | 206                        |

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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16108482**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Pb-AA62 | Zn-AA62 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                                   | Th       | Ti       | Tl       | U        | V        | W        | Zn       | Ag      | Pb      | Zn      |
|                    |                                   | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                                   | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S792754            |                                   | <20      | <0.01    | <10      | <10      | 73       | <10      | >10000   |         |         | 3.89    |
| S792755            |                                   | <20      | 0.22     | <10      | <10      | 138      | <10      | 153      |         |         |         |
| S792756            |                                   | <20      | <0.01    | <10      | <10      | 117      | <10      | >10000   |         |         | 1.285   |
| S792757            |                                   | <20      | 0.01     | <10      | <10      | 161      | <10      | 2330     |         |         |         |
| S792758            |                                   | <20      | 0.24     | <10      | <10      | 156      | <10      | 166      |         |         |         |
| S792759            |                                   | <20      | 0.32     | <10      | <10      | 159      | <10      | 167      |         |         |         |

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 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS KL16108482**

|                    | <b>CERTIFICATE COMMENTS</b>  |          |         |          |         |         |        |        |        |
|--------------------|--|----------|---------|----------|---------|---------|--------|--------|--------|
|                    | <b>LABORATORY ADDRESSES</b>  |          |         |          |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> | BAG-01   | CRU-32  | CRU-QC   | LOG-22  | PUL-35a | PUL-QC | SPL-21 | WEI-21 |
| BAG-01             | CRU-32   | CRU-QC   | LOG-22  |          |         |         |        |        |        |
| PUL-35a            | PUL-QC   | SPL-21   | WEI-21  |          |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA62</td> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">ME-ICP41</td> <td style="width: 15%;">Pb-AA62</td> </tr> <tr> <td>Zn-AA62</td> <td></td> <td></td> <td></td> </tr> </table>      | Ag-AA62  | Au-AA24 | ME-ICP41 | Pb-AA62 | Zn-AA62 |        |        |        |
| Ag-AA62            | Au-AA24  | ME-ICP41 | Pb-AA62 |          |         |         |        |        |        |
| Zn-AA62            |  |          |         |          |         |         |        |        |        |



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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE KL16114250**

Project: Spectrum  
 P.O. No.: SP-R16-05  
 This report is for 39 Rock samples submitted to our lab in Kamloops, BC, Canada on 15-JUL-2016.  
 The following have access to data associated with this certificate:

|                              |                               |                             |
|------------------------------|-------------------------------|-----------------------------|
| PAUL BAXTER<br>COLIN RUSSELL | MIKE CATHRO<br>JACQUES STACEY | RAEGAN MARKEL<br>JOHN TYLER |
|------------------------------|-------------------------------|-----------------------------|

| <b>SAMPLE PREPARATION</b> |                                |
|---------------------------|--------------------------------|
| ALS CODE                  | DESCRIPTION                    |
| WEI-21                    | Received Sample Weight         |
| LOG-22                    | Sample login - Rcd w/o BarCode |
| CRU-QC                    | Crushing QC Test               |
| PUL-QC                    | Pulverizing QC Test            |
| CRU-32                    | Fine Crushing 90% <2mm         |
| SPL-21                    | Split sample - riffle splitter |
| PUL-35a                   | Pulv 1 kg split to 95%<106 um  |
| BAG-01                    | Bulk Master for Storage        |

| <b>ANALYTICAL PROCEDURES</b> |                                |            |
|------------------------------|--------------------------------|------------|
| ALS CODE                     | DESCRIPTION                    | INSTRUMENT |
| ME-ICP41                     | 35 Element Aqua Regia ICP-AES  | ICP-AES    |
| Ag-AA62                      | Ore grade Ag - four acid /AAS  | AAS        |
| Pb-AA62                      | Ore grade Pb - four acid / AAS | AAS        |
| Zn-AA62                      | Ore grade Zn - four acid / AAS | AAS        |
| Au-AA24                      | Au 50g FA AA finish            | AAS        |

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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

To: SKEENA RESOURCES  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

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 Finalized Date: 10-AUG-2016  
 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16114250**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                    |                          | 0.02                | 0.005          | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               | 0.01          |
| S793630            |                          | 2.13                | 0.218          | 0.2             | 1.22          | <2              | <10            | 90              | <0.5            | <2              | 4.42          | 1.9             | 10              | 28              | 515             | 4.37          |
| S793631            |                          | 1.51                | 0.007          | 0.3             | 1.40          | 6               | <10            | 80              | <0.5            | <2              | 4.53          | <0.5            | 7               | 66              | 24              | 1.84          |
| S793632            |                          | 1.92                | 0.038          | 7.4             | 0.24          | 46              | <10            | 50              | <0.5            | 2               | 11.5          | 0.8             | 6               | 5               | 169             | 5.97          |
| S793633            |                          | 2.26                | 0.017          | 0.2             | 1.51          | 99              | <10            | 150             | <0.5            | <2              | 8.6           | <0.5            | 7               | 10              | 4               | 3.41          |
| S793634            |                          | 2.01                | 0.069          | 0.2             | 2.36          | 13              | <10            | 120             | <0.5            | <2              | 1.14          | <0.5            | 12              | 30              | 176             | 5.53          |
| S793635            |                          | 3.66                | 0.005          | <0.2            | 2.03          | 8               | <10            | 110             | <0.5            | 2               | 3.45          | <0.5            | 16              | 37              | 109             | 3.86          |
| S793636            |                          | 1.74                | <0.005         | <0.2            | 2.04          | 6               | <10            | 130             | <0.5            | <2              | 3.52          | <0.5            | 11              | 73              | 164             | 3.36          |
| S793637            |                          | 1.54                | <0.005         | <0.2            | 1.77          | 12              | <10            | 250             | <0.5            | <2              | 4.99          | <0.5            | 16              | 91              | 108             | 3.02          |
| S793638            |                          | 1.37                | 0.022          | <0.2            | 1.62          | 5               | <10            | 140             | <0.5            | <2              | 8.0           | 1.0             | 15              | 60              | 131             | 4.87          |
| S793639            |                          | 2.79                | 0.007          | <0.2            | 1.21          | 7               | <10            | 260             | <0.5            | <2              | 20.3          | 2.2             | 6               | 16              | 32              | 4.60          |
| S793640            |                          | 2.11                | 0.021          | <0.2            | 1.70          | 4               | 10             | 100             | <0.5            | <2              | 4.12          | 0.5             | 18              | 57              | 81              | 4.25          |
| S793641            |                          | 1.38                | 0.007          | <0.2            | 0.87          | 4               | <10            | 330             | <0.5            | <2              | 22.3          | 1.3             | 6               | 20              | 26              | 2.77          |
| S793642            |                          | 2.05                | 0.040          | <0.2            | 2.26          | 4               | <10            | 130             | 0.6             | <2              | 1.77          | 0.7             | 22              | 69              | 152             | 5.44          |
| S793643            |                          | 1.99                | 0.056          | 0.2             | 1.61          | 7               | <10            | 230             | <0.5            | <2              | 2.59          | <0.5            | 12              | 96              | 432             | 4.28          |
| S793644            |                          | 2.05                | 1.470          | 1.3             | 0.74          | 4               | <10            | 330             | <0.5            | <2              | 5.30          | 0.9             | 16              | 23              | 3310            | 7.26          |
| S793645            |                          | 2.85                | 0.056          | <0.2            | 1.58          | 3               | <10            | 100             | 0.5             | <2              | 1.91          | 0.8             | 11              | 111             | 188             | 4.01          |
| S793646            |                          | 3.36                | 0.328          | 0.2             | 1.48          | 5               | <10            | 150             | <0.5            | <2              | 0.99          | <0.5            | 14              | 110             | 564             | 4.14          |
| S793647            |                          | 1.87                | 0.888          | 0.2             | 0.87          | 2               | <10            | 340             | <0.5            | <2              | 1.81          | <0.5            | 4               | 6               | 540             | 3.53          |
| S793648            |                          | 2.87                | 3.48           | 1.4             | 1.24          | 7               | <10            | 80              | <0.5            | <2              | 2.91          | <0.5            | 12              | 69              | 2550            | 7.43          |
| S793649            |                          | 1.68                | 0.046          | <0.2            | 1.76          | 3               | <10            | 160             | <0.5            | <2              | 3.78          | <0.5            | 16              | 94              | 339             | 4.62          |
| S793650            |                          | 1.52                | 0.035          | 0.4             | 0.52          | 103             | <10            | 210             | <0.5            | <2              | 13.6          | 4.6             | 5               | 7               | 186             | 2.29          |
| S792959            |                          | 2.34                | 0.056          | 0.3             | 1.63          | 3               | <10            | 230             | <0.5            | <2              | 1.54          | 1.2             | 18              | 102             | 234             | 4.31          |
| S792960            |                          | 1.78                | 0.014          | <0.2            | 1.47          | 17              | 10             | 290             | <0.5            | <2              | 7.4           | <0.5            | 15              | 58              | 45              | 4.05          |
| S792961            |                          | 4.22                | 0.048          | 0.4             | 0.89          | 213             | <10            | 40              | <0.5            | <2              | 8.4           | 0.7             | 48              | 44              | 37              | 8.94          |
| S792962            |                          | 1.79                | <0.005         | <0.2            | 1.60          | 7               | <10            | 40              | <0.5            | <2              | 0.33          | <0.5            | 18              | 79              | 22              | 5.93          |
| S792963            |                          | 2.67                | 1.080          | 8.4             | 0.44          | 214             | 10             | 20              | <0.5            | <2              | 6.43          | 2.2             | 35              | 13              | 4930            | 7.38          |
| S792964            |                          | 2.29                | 3.44           | 9.2             | 0.30          | 6550            | 10             | 50              | <0.5            | <2              | 13.2          | 0.5             | 8               | 1               | 146             | 4.61          |
| S792965            |                          | 1.56                | 0.154          | 0.8             | 1.95          | 194             | 10             | 220             | 0.7             | <2              | 0.52          | 0.5             | 15              | 7               | 1030            | 5.93          |
| S792966            |                          | 0.11                | 0.015          | 0.5             | 2.04          | 16              | 10             | 90              | <0.5            | <2              | 1.12          | <0.5            | 48              | 256             | 788             | 5.23          |
| S792967            |                          | 1.69                | 0.010          | 1.2             | 0.78          | 25              | <10            | 280             | 0.6             | <2              | 6.81          | 0.7             | 14              | 2               | 262             | 4.46          |
| S792968            |                          | 1.72                | 2.53           | 58.2            | 0.20          | >10000          | <10            | 40              | <0.5            | 207             | 4.95          | 47.0            | 121             | 4               | 468             | 11.85         |
| S792969            |                          | 1.55                | <0.005         | 0.2             | 0.66          | 50              | <10            | 60              | 0.5             | <2              | 4.20          | 2.3             | 8               | 3               | 28              | 5.04          |
| S792970            |                          | 3.02                | 2.53           | 98.1            | 0.21          | 8760            | <10            | 30              | <0.5            | 89              | 1.94          | 178.5           | 31              | 5               | 2360            | 13.05         |
| S792971            |                          | 2.10                | 0.188          | 12.6            | 0.55          | 1365            | 10             | 60              | 0.5             | 275             | 3.79          | 8.3             | 11              | 2               | 219             | 4.92          |
| S792972            |                          | 2.38                | 0.137          | >100            | 0.06          | 203             | <10            | 50              | <0.5            | 23              | 11.9          | 195.5           | 2               | <1              | 1660            | 14.85         |
| S792973            |                          | 2.62                | 0.445          | 78.6            | 0.24          | 6090            | <10            | 60              | <0.5            | 1005            | 8.5           | 5.7             | 18              | <1              | 967             | 24.6          |
| S792974            |                          | 2.41                | 3.93           | >100            | 0.31          | 531             | 10             | 100             | <0.5            | 94              | 0.34          | 493             | 2               | 1               | 3420            | 10.15         |
| S792975            |                          | 2.28                | 0.152          | >100            | 0.11          | 133             | <10            | 80              | <0.5            | 30              | 15.9          | 245             | 3               | <1              | 2980            | 9.02          |
| S792976            |                          | 2.01                | 6.40           | 53.7            | 0.04          | >10000          | <10            | 10              | <0.5            | 216             | 0.28          | 76.5            | 140             | 2               | 8640            | 29.8          |



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

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 VANCOUVER BC V6E 0C3

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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16114250**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |     |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
|                    |                          | Ga       | Hg       | K        | La       | Mg       | Mn       | Mo       | Na       | Ni       | P        | Pb       | S        | Sb       | Sc       | Sr  |
|                    |                          | ppm      | ppm      | %        | ppm      | %        | ppm      | ppm      | %        | ppm      | ppm      | ppm      | %        | ppm      | ppm      | ppm |
|                    |                          | 10       | 1        | 0.01     | 10       | 0.01     | 5        | 1        | 0.01     | 1        | 10       | 2        | 0.01     | 2        | 1        | 1   |
| S793630            |                          | 10       | <1       | 0.12     | 10       | 1.50     | 1210     | 3        | 0.09     | 16       | 1020     | 10       | 0.16     | <2       | 11       | 55  |
| S793631            |                          | 10       | <1       | 0.07     | 10       | 1.58     | 1240     | <1       | 0.08     | 29       | 950      | 5        | 0.19     | <2       | 11       | 77  |
| S793632            |                          | <10      | <1       | 0.11     | <10      | 1.97     | 7770     | 1        | 0.01     | 13       | 370      | 6        | 3.83     | 43       | 3        | 115 |
| S793633            |                          | <10      | <1       | 0.01     | <10      | 1.47     | 1850     | <1       | 0.01     | 10       | 960      | 4        | 1.09     | 2        | 6        | 91  |
| S793634            |                          | 10       | <1       | 0.15     | 10       | 1.38     | 380      | 14       | 0.16     | 23       | 1260     | 8        | 0.22     | <2       | 7        | 168 |
| S793635            |                          | 10       | <1       | 0.14     | 10       | 2.03     | 856      | 1        | 0.10     | 22       | 2180     | <2       | 0.57     | <2       | 13       | 72  |
| S793636            |                          | 10       | 1        | 0.12     | 10       | 2.34     | 785      | 1        | 0.09     | 38       | 1720     | 3        | 0.21     | <2       | 13       | 71  |
| S793637            |                          | 10       | <1       | 0.14     | 10       | 1.67     | 1220     | 1        | 0.05     | 46       | 1290     | 4        | 0.17     | <2       | 13       | 91  |
| S793638            |                          | 10       | <1       | 0.18     | 10       | 1.29     | 1640     | 3        | 0.04     | 42       | 830      | 5        | 1.48     | <2       | 12       | 131 |
| S793639            |                          | <10      | <1       | 0.06     | 10       | 1.27     | 3610     | 4        | 0.01     | 23       | 280      | 11       | 0.79     | <2       | 6        | 327 |
| S793640            |                          | 10       | <1       | 0.42     | 10       | 0.77     | 865      | 3        | 0.05     | 43       | 1010     | 10       | 1.30     | <2       | 13       | 79  |
| S793641            |                          | <10      | <1       | 0.06     | 20       | 0.63     | 3460     | 1        | 0.01     | 34       | 300      | 7        | 0.52     | 2        | 5        | 358 |
| S793642            |                          | 10       | <1       | 0.15     | 10       | 0.91     | 696      | 2        | 0.05     | 62       | 1070     | 9        | 1.25     | <2       | 16       | 45  |
| S793643            |                          | 10       | <1       | 0.17     | 10       | 1.43     | 897      | 3        | 0.08     | 46       | 990      | 2        | 0.25     | 3        | 13       | 63  |
| S793644            |                          | 10       | <1       | 0.05     | 10       | 0.57     | 977      | 7        | 0.02     | 24       | 1180     | 6        | 0.73     | 4        | 6        | 80  |
| S793645            |                          | 10       | <1       | 0.09     | 10       | 1.32     | 749      | 6        | 0.08     | 47       | 1040     | <2       | 0.09     | <2       | 15       | 44  |
| S793646            |                          | 10       | <1       | 0.08     | 10       | 1.69     | 1245     | 3        | 0.10     | 70       | 1010     | 2        | 0.06     | <2       | 12       | 34  |
| S793647            |                          | <10      | <1       | 0.14     | 10       | 0.41     | 632      | 2        | 0.09     | 4        | 900      | 4        | 0.15     | 2        | 5        | 70  |
| S793648            |                          | 10       | <1       | 0.11     | 10       | 1.17     | 972      | 3        | 0.07     | 45       | 830      | 5        | 0.20     | 3        | 10       | 62  |
| S793649            |                          | 10       | 1        | 0.12     | 10       | 1.77     | 1070     | 3        | 0.07     | 51       | 920      | 3        | 0.32     | <2       | 14       | 67  |
| S793650            |                          | <10      | 2        | 0.12     | 20       | 0.70     | 5720     | 2        | 0.01     | 18       | 260      | 41       | 0.21     | 14       | 5        | 134 |
| S792959            |                          | 10       | <1       | 0.11     | 10       | 1.44     | 664      | 3        | 0.09     | 53       | 970      | 9        | 1.00     | 2        | 14       | 53  |
| S792960            |                          | <10      | <1       | 0.16     | 10       | 0.77     | 1620     | 2        | 0.04     | 46       | 920      | 8        | 0.80     | 4        | 11       | 117 |
| S792961            |                          | <10      | <1       | 0.09     | 10       | 0.96     | 1920     | 2        | 0.04     | 50       | 700      | 12       | 8.90     | 6        | 6        | 110 |
| S792962            |                          | 10       | <1       | 0.07     | <10      | 1.49     | 419      | 2        | 0.07     | 33       | 860      | 2        | 1.59     | <2       | 11       | 13  |
| S792963            |                          | <10      | 1        | 0.12     | 10       | 0.64     | 5180     | 11       | 0.01     | 26       | 740      | 46       | 6.02     | 60       | 2        | 73  |
| S792964            |                          | <10      | <1       | 0.14     | 10       | 2.87     | 19800    | 5        | 0.01     | 7        | 400      | 12       | 1.14     | 150      | 7        | 185 |
| S792965            |                          | <10      | <1       | 0.28     | 10       | 0.36     | 2610     | 9        | 0.01     | 19       | 1410     | 6        | 0.09     | 27       | 16       | 19  |
| S792966            |                          | <10      | <1       | 0.67     | <10      | 5.23     | 450      | 81       | 0.10     | 599      | 650      | 4        | 3.66     | 2        | 7        | 50  |
| S792967            |                          | <10      | <1       | 0.17     | 10       | 0.42     | 2540     | 1        | 0.02     | 5        | 1710     | 10       | 0.04     | <2       | 11       | 92  |
| S792968            |                          | <10      | 2        | 0.13     | <10      | 1.57     | 5440     | 1        | 0.01     | 5        | 240      | 2400     | 4.26     | 164      | 3        | 128 |
| S792969            |                          | <10      | <1       | 0.24     | 10       | 0.87     | 6830     | 1        | 0.01     | 2        | 1270     | 25       | 0.30     | <2       | 7        | 85  |
| S792970            |                          | <10      | 5        | 0.17     | <10      | 0.75     | 18950    | 1        | 0.01     | 2        | 380      | 5940     | 6.45     | 119      | 2        | 34  |
| S792971            |                          | <10      | <1       | 0.38     | 10       | 0.84     | 5160     | 1        | 0.01     | 1        | 1160     | 435      | 1.10     | 20       | 5        | 76  |
| S792972            |                          | 10       | 3        | 0.04     | 10       | 3.43     | 41100    | <1       | 0.01     | 1        | 50       | 5180     | 1.52     | 329      | 1        | 152 |
| S792973            |                          | <10      | 4        | 0.11     | 10       | 1.12     | 2940     | 2        | 0.01     | 2        | 490      | 5590     | 0.95     | 134      | 4        | 122 |
| S792974            |                          | <10      | 28       | 0.21     | 10       | 0.05     | 21400    | 3        | 0.01     | 3        | 720      | >10000   | 0.90     | 783      | 2        | 58  |
| S792975            |                          | <10      | 10       | 0.07     | 10       | 3.34     | 17000    | <1       | 0.01     | 1        | 150      | 4980     | 1.87     | 927      | 4        | 263 |
| S792976            |                          | <10      | 5        | 0.03     | <10      | 0.16     | 12100    | 1        | 0.01     | 3        | 20       | 4280     | >10.0    | 417      | 1        | 8   |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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Project: Spectrum

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| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Pb-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
|                    |                          | Th       | Ti       | Ti       | U        | V        | W        | Zn       | Ag      | Pb      | Zn      |
|                    |                          | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm     | %       | %       |
|                    |                          | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   |
| S793630            |                          | <20      | 0.23     | <10      | <10      | 145      | <10      | 135      |         |         |         |
| S793631            |                          | <20      | 0.12     | <10      | <10      | 111      | <10      | 39       |         |         |         |
| S793632            |                          | <20      | <0.01    | <10      | <10      | 10       | <10      | 107      |         |         |         |
| S793633            |                          | <20      | 0.09     | <10      | <10      | 53       | <10      | 38       |         |         |         |
| S793634            |                          | <20      | 0.16     | <10      | <10      | 88       | <10      | 41       |         |         |         |
| S793635            |                          | <20      | 0.13     | <10      | <10      | 156      | <10      | 37       |         |         |         |
| S793636            |                          | <20      | 0.12     | <10      | <10      | 159      | <10      | 35       |         |         |         |
| S793637            |                          | <20      | 0.02     | <10      | <10      | 128      | <10      | 47       |         |         |         |
| S793638            |                          | <20      | 0.06     | <10      | <10      | 105      | <10      | 99       |         |         |         |
| S793639            |                          | <20      | <0.01    | <10      | <10      | 41       | <10      | 164      |         |         |         |
| S793640            |                          | <20      | 0.04     | <10      | <10      | 100      | <10      | 61       |         |         |         |
| S793641            |                          | <20      | <0.01    | <10      | <10      | 39       | <10      | 85       |         |         |         |
| S793642            |                          | <20      | <0.01    | <10      | <10      | 120      | <10      | 103      |         |         |         |
| S793643            |                          | <20      | 0.06     | <10      | <10      | 157      | <10      | 76       |         |         |         |
| S793644            |                          | <20      | 0.04     | <10      | <10      | 120      | <10      | 65       |         |         |         |
| S793645            |                          | <20      | 0.05     | <10      | <10      | 163      | <10      | 80       |         |         |         |
| S793646            |                          | <20      | 0.14     | <10      | <10      | 157      | <10      | 89       |         |         |         |
| S793647            |                          | <20      | 0.04     | <10      | <10      | 76       | <10      | 44       |         |         |         |
| S793648            |                          | <20      | 0.11     | <10      | <10      | 138      | <10      | 81       |         |         |         |
| S793649            |                          | <20      | 0.04     | <10      | <10      | 150      | <10      | 117      |         |         |         |
| S793650            |                          | <20      | <0.01    | <10      | <10      | 15       | <10      | 872      |         |         |         |
| S792959            |                          | <20      | 0.08     | <10      | <10      | 147      | <10      | 97       |         |         |         |
| S792960            |                          | <20      | 0.01     | <10      | <10      | 86       | <10      | 43       |         |         |         |
| S792961            |                          | <20      | 0.03     | <10      | <10      | 70       | <10      | 47       |         |         |         |
| S792962            |                          | <20      | 0.09     | <10      | <10      | 125      | <10      | 28       |         |         |         |
| S792963            |                          | <20      | <0.01    | 10       | <10      | 41       | <10      | 271      |         |         |         |
| S792964            |                          | <20      | <0.01    | <10      | <10      | 14       | <10      | 60       |         |         |         |
| S792965            |                          | <20      | <0.01    | <10      | <10      | 97       | <10      | 152      |         |         |         |
| S792966            |                          | <20      | 0.06     | <10      | <10      | 69       | 10       | 58       |         |         |         |
| S792967            |                          | <20      | <0.01    | <10      | <10      | 90       | <10      | 114      |         |         |         |
| S792968            |                          | <20      | <0.01    | <10      | <10      | 18       | 10       | 9300     |         |         |         |
| S792969            |                          | <20      | <0.01    | <10      | <10      | 55       | <10      | 417      |         |         |         |
| S792970            |                          | <20      | <0.01    | 10       | <10      | 8        | 10       | >10000   |         |         | 3.74    |
| S792971            |                          | <20      | <0.01    | <10      | <10      | 30       | <10      | 1910     |         |         |         |
| S792972            |                          | <20      | <0.01    | 10       | <10      | 3        | 10       | >10000   | 304     |         | 4.34    |
| S792973            |                          | <20      | <0.01    | 10       | <10      | 36       | <10      | 3250     |         |         |         |
| S792974            |                          | <20      | <0.01    | 10       | <10      | 14       | <10      | >10000   | 1465    | 5.54    | 9.26    |
| S792975            |                          | <20      | <0.01    | 10       | <10      | 19       | 10       | >10000   | 1145    |         | 5.07    |
| S792976            |                          | <20      | <0.01    | 10       | <10      | 6        | 30       | >10000   |         |         | 1.885   |





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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16114250**

|                    | <b>CERTIFICATE COMMENTS</b>  |          |         |          |         |         |        |        |        |
|--------------------|--|----------|---------|----------|---------|---------|--------|--------|--------|
|                    | <b>LABORATORY ADDRESSES</b>  |          |         |          |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> | BAG-01   | CRU-32  | CRU-QC   | LOG-22  | PUL-35a | PUL-QC | SPL-21 | WEI-21 |
| BAG-01             | CRU-32   | CRU-QC   | LOG-22  |          |         |         |        |        |        |
| PUL-35a            | PUL-QC   | SPL-21   | WEI-21  |          |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA62</td> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">ME-ICP41</td> <td style="width: 15%;">Pb-AA62</td> </tr> <tr> <td>Zn-AA62</td> <td></td> <td></td> <td></td> </tr> </table>      | Ag-AA62  | Au-AA24 | ME-ICP41 | Pb-AA62 | Zn-AA62 |        |        |        |
| Ag-AA62            | Au-AA24  | ME-ICP41 | Pb-AA62 |          |         |         |        |        |        |
| Zn-AA62            |  |          |         |          |         |         |        |        |        |



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**CERTIFICATE KL16116111**

Project: Spectrum  
 P.O. No.: SP-R16-04  
 This report is for 17 Rock samples submitted to our lab in Kamloops, BC, Canada on 11-JUL-2016.  
 The following have access to data associated with this certificate:

|                              |                               |                             |
|------------------------------|-------------------------------|-----------------------------|
| PAUL BAXTER<br>COLIN RUSSELL | MIKE CATHRO<br>JACQUES STACEY | RAEGAN MARKEL<br>JOHN TYLER |
|------------------------------|-------------------------------|-----------------------------|

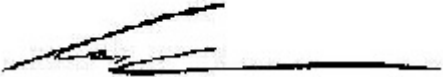
| <b>SAMPLE PREPARATION</b> |                                |
|---------------------------|--------------------------------|
| ALS CODE                  | DESCRIPTION                    |
| WEI-21                    | Received Sample Weight         |
| LOG-22                    | Sample login - Rcd w/o BarCode |
| CRU-QC                    | Crushing QC Test               |
| PUL-QC                    | Pulverizing QC Test            |
| CRU-32                    | Fine Crushing 90% <2mm         |
| SPL-21                    | Split sample - riffle splitter |
| PUL-35a                   | Pulv 1 kg split to 95%<106 um  |
| BAG-01                    | Bulk Master for Storage        |

| <b>ANALYTICAL PROCEDURES</b> |                               |            |
|------------------------------|-------------------------------|------------|
| ALS CODE                     | DESCRIPTION                   | INSTRUMENT |
| ME-ICP41                     | 35 Element Aqua Regia ICP-AES | ICP-AES    |
| Au-AA24                      | Au 50g FA AA finish           | AAS        |

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16116111**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
| S792943            |                          | 0.02                | 0.005          | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               | 0.01          |
| S792944            |                          | 0.92                | 0.217          | 0.2             | 1.16          | 5               | <10            | 60              | 0.5             | <2              | 0.86          | <0.5            | 14              | 6               | 183             | 4.60          |
| S792945            |                          | 1.16                | 0.435          | 0.5             | 1.83          | <2              | <10            | 1450            | 0.5             | <2              | 2.97          | 0.8             | 26              | 66              | 3280            | 7.98          |
| S792946            |                          | 2.23                | 0.447          | 0.6             | 1.53          | 2               | <10            | 280             | 0.5             | <2              | 1.41          | 1.2             | 29              | 66              | 3030            | 4.99          |
| S792947            |                          | 1.76                | 0.152          | 0.8             | 1.29          | 2               | <10            | 250             | <0.5            | <2              | 0.56          | <0.5            | 5               | 10              | 521             | 3.15          |
| S792948            |                          | 1.19                | 0.088          | 0.5             | 1.13          | 3               | <10            | 80              | <0.5            | <2              | 0.71          | <0.5            | 12              | 10              | 423             | 2.81          |
| S792949            |                          | 1.72                | 0.239          | 0.8             | 1.31          | <2              | <10            | 90              | <0.5            | <2              | 0.46          | <0.5            | 10              | 11              | 712             | 3.34          |
| S792849            |                          | 1.61                | 0.232          | 0.8             | 1.75          | 3               | 10             | 860             | 1.5             | <2              | 0.75          | 1.1             | 15              | 5               | 5110            | 2.79          |
| S792850            |                          | 1.63                | 0.029          | <0.2            | 2.64          | 29              | 10             | 40              | 1.2             | <2              | 1.80          | <0.5            | 15              | 4               | 148             | 4.88          |
| S793601            |                          | 1.81                | 0.032          | 0.2             | 2.60          | 21              | <10            | 50              | 0.5             | <2              | 1.09          | <0.5            | 7               | 40              | 91              | 5.15          |
| S793602            |                          | 2.04                | 0.355          | 0.6             | 1.81          | <2              | <10            | 120             | 0.5             | <2              | 2.14          | 0.9             | 29              | 20              | 3990            | 6.63          |
| S793603            |                          | 3.30                | 0.300          | 0.3             | 1.77          | <2              | <10            | 380             | 0.5             | <2              | 1.91          | 0.9             | 23              | 31              | 2450            | 7.48          |
| S793604            |                          | 2.42                | 0.187          | 0.7             | 2.12          | <2              | <10            | 2520            | 0.5             | 4               | 5.69          | 0.5             | 24              | 105             | 857             | 9.02          |
| S793605            |                          | 1.96                | 0.381          | 1.0             | 1.40          | <2              | <10            | 360             | 0.5             | <2              | 0.59          | <0.5            | 7               | 7               | 2550            | 3.37          |
| S793606            |                          | 2.25                | 0.634          | 1.1             | 1.50          | <2              | 10             | 400             | 0.8             | <2              | 1.34          | 0.5             | 23              | 7               | 5180            | 2.34          |
| S793607            |                          | 2.12                | 0.293          | 1.0             | 1.20          | 4               | <10            | 710             | <0.5            | <2              | 0.18          | <0.5            | 7               | 4               | 353             | 3.20          |
| S793608            |                          | 2.59                | 0.129          | 1.1             | 0.89          | 9               | 10             | 250             | 1.2             | 3               | 4.19          | 1.0             | 12              | 9               | 4990            | 1.76          |
| S793608            |                          | 1.86                | 0.020          | 0.2             | 2.00          | 16              | <10            | 210             | 1.9             | 6               | 1.38          | 1.3             | 50              | 3               | 4780            | 7.58          |



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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16116111**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |        |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
|                    |                          | Ga ppm   | Hg ppm   | K %      | La ppm   | Mg %     | Mn ppm   | Mo ppm   | Na %     | Ni ppm   | P ppm    | Pb ppm   | S %      | Sb ppm   | Sc ppm   | Sr ppm |
|                    |                          | 10       | 1        | 0.01     | 10       | 0.01     | 5        | 1        | 0.01     | 1        | 10       | 2        | 0.01     | 2        | 1        | 1      |
| S792943            |                          | <10      | <1       | 0.14     | 20       | 0.44     | 154      | 2        | 0.08     | 15       | 2000     | 4        | 2.66     | 2        | 3        | 95     |
| S792944            |                          | 10       | <1       | 0.60     | 20       | 1.86     | 1750     | 1        | 0.06     | 20       | 2450     | <2       | 0.20     | 2        | 19       | 92     |
| S792945            |                          | 10       | <1       | 0.51     | 20       | 1.66     | 1415     | 2        | 0.08     | 21       | 2240     | 3        | 0.10     | 4        | 11       | 41     |
| S792946            |                          | 10       | <1       | 0.18     | 10       | 0.70     | 220      | 5        | 0.09     | 2        | 960      | <2       | 0.20     | 2        | 6        | 61     |
| S792947            |                          | 10       | 1        | 0.16     | 10       | 0.45     | 546      | 4        | 0.09     | 2        | 940      | <2       | 0.12     | 2        | 3        | 58     |
| S792948            |                          | 10       | <1       | 0.23     | 10       | 0.73     | 324      | 4        | 0.10     | 3        | 940      | 2        | 0.08     | <2       | 6        | 48     |
| S792949            |                          | <10      | <1       | 0.26     | 40       | 0.41     | 1005     | 1        | 0.01     | 14       | 880      | 3        | 0.12     | <2       | 4        | 51     |
| S792849            |                          | 10       | <1       | 0.22     | 30       | 1.77     | 573      | 4        | 0.23     | 6        | 2330     | 7        | 2.40     | 8        | 6        | 171    |
| S792850            |                          | 10       | <1       | 0.14     | 10       | 2.06     | 782      | <1       | 0.09     | 13       | 2790     | 4        | 0.54     | <2       | 14       | 134    |
| S793601            |                          | 10       | <1       | 0.44     | 20       | 1.67     | 1495     | 2        | 0.08     | 23       | 2010     | <2       | 0.33     | 2        | 16       | 49     |
| S793602            |                          | 10       | <1       | 1.04     | 20       | 2.20     | 1340     | 2        | 0.08     | 19       | 3070     | <2       | 0.08     | <2       | 12       | 47     |
| S793603            |                          | 10       | <1       | 0.82     | 10       | 2.54     | 1870     | 11       | 0.05     | 18       | 2670     | 3        | 0.11     | 4        | 24       | 169    |
| S793604            |                          | 10       | <1       | 0.39     | 20       | 0.63     | 391      | 3        | 0.03     | 3        | 1120     | <2       | 0.19     | <2       | 5        | 24     |
| S793605            |                          | 10       | <1       | 0.36     | 20       | 0.58     | 872      | 1        | 0.03     | 5        | 1010     | 3        | 0.63     | 2        | 4        | 36     |
| S793606            |                          | <10      | 1        | 0.32     | 10       | 0.26     | 348      | 1        | 0.03     | 1        | 1040     | 2        | 0.16     | 2        | 4        | 32     |
| S793607            |                          | <10      | 1        | 0.24     | 50       | 0.13     | 1525     | 3        | <0.01    | 2        | 680      | 5        | 0.76     | 2        | 3        | 52     |
| S793608            |                          | 10       | <1       | 0.16     | 40       | 0.76     | 2210     | 4        | 0.38     | 19       | 3030     | 2        | 0.05     | 7        | 2        | 107    |



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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16116111**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
|                    |                                   | Th       | Ti       | Ti       | U        | V        | W        | Zn       |
|                    |                                   | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      |
|                    |                                   | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        |
| S792943            |                                   | <20      | 0.31     | <10      | <10      | 96       | <10      | 17       |
| S792944            |                                   | <20      | 0.18     | <10      | <10      | 223      | <10      | 117      |
| S792945            |                                   | <20      | 0.24     | <10      | <10      | 153      | <10      | 105      |
| S792946            |                                   | <20      | 0.14     | <10      | <10      | 87       | <10      | 27       |
| S792947            |                                   | <20      | 0.10     | <10      | <10      | 80       | <10      | 28       |
| S792948            |                                   | <20      | 0.10     | <10      | <10      | 82       | <10      | 30       |
| S792949            |                                   | <20      | <0.01    | <10      | <10      | 32       | <10      | 195      |
| S792849            |                                   | <20      | 0.26     | <10      | <10      | 180      | <10      | 61       |
| S792850            |                                   | <20      | 0.31     | <10      | <10      | 167      | <10      | 86       |
| S793601            |                                   | <20      | 0.21     | <10      | <10      | 222      | <10      | 126      |
| S793602            |                                   | <20      | 0.36     | <10      | <10      | 224      | <10      | 137      |
| S793603            |                                   | <20      | 0.29     | <10      | <10      | 228      | <10      | 145      |
| S793604            |                                   | <20      | 0.03     | <10      | <10      | 80       | <10      | 28       |
| S793605            |                                   | <20      | 0.03     | <10      | <10      | 45       | <10      | 60       |
| S793606            |                                   | <20      | 0.01     | <10      | <10      | 43       | <10      | 20       |
| S793607            |                                   | <20      | <0.01    | <10      | <10      | 13       | <10      | 94       |
| S793608            |                                   | <20      | 1.24     | <10      | <10      | 96       | <10      | 205      |

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



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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16116111**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

|                    |  |          |        |        |
|--------------------|--|----------|--------|--------|
| Applies to Method: | Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.         |          |        |        |
|                    | BAG-01   | CRU-32   | CRU-QC | LOG-22 |
|                    | PUL-35a  | PUL-QC   | SPL-21 | WEI-21 |
| Applies to Method: | Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. |          |        |        |
|                    | Au-AA24  | ME-ICP41 |        |        |



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**CERTIFICATE KL16116386**

Project: Spectrum  
 P.O. No.: SP-R16-06  
 This report is for 31 Rock samples submitted to our lab in Kamloops, BC, Canada on 19-JUL-2016.  
 The following have access to data associated with this certificate:

|                              |                               |                             |
|------------------------------|-------------------------------|-----------------------------|
| PAUL BAXTER<br>COLIN RUSSELL | MIKE CATHRO<br>JACQUES STACEY | RAEGAN MARKEL<br>JOHN TYLER |
|------------------------------|-------------------------------|-----------------------------|

| <b>SAMPLE PREPARATION</b> |                                |
|---------------------------|--------------------------------|
| ALS CODE                  | DESCRIPTION                    |
| WEI-21                    | Received Sample Weight         |
| LOG-22                    | Sample login - Rcd w/o BarCode |
| CRU-QC                    | Crushing QC Test               |
| PUL-QC                    | Pulverizing QC Test            |
| CRU-32                    | Fine Crushing 90% <2mm         |
| SPL-21                    | Split sample - riffle splitter |
| PUL-35a                   | Pulv 1 kg split to 95%<106 um  |
| BAG-01                    | Bulk Master for Storage        |
| LOG-23                    | Pulp Login - Rcvd with Barcode |

| <b>ANALYTICAL PROCEDURES</b> |                                |            |
|------------------------------|--------------------------------|------------|
| ALS CODE                     | DESCRIPTION                    | INSTRUMENT |
| Au-GRA22                     | Au 50 g FA-GRAB finish         | WST-SIM    |
| ME-ICP41                     | 35 Element Aqua Regia ICP-AES  | ICP-AES    |
| Aq-AA62                      | Ore grade Ag - four acid /AAS  | AAS        |
| Cu-AA62                      | Ore grade Cu - four acid / AAS | AAS        |
| Pb-AA62                      | Ore grade Pb - four acid / AAS | AAS        |
| Zn-AA62                      | Ore grade Zn - four acid / AAS | AAS        |
| Au-AA24                      | Au 50g FA AA finish            | AAS        |

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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 Finalized Date: 11-AUG-2016  
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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16116386**

| Sample Description | Method Analyte Units LOR | WEI-21       | Au-AA24 | Au-GRA22 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|--------------------------|--------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    |                          | Recvd Wt. kg | Au g/t  | Au g/t   | Ag ppm   | Al %     | As ppm   | B ppm    | Ba ppm   | Be ppm   | Bi ppm   | Ca %     | Cd ppm   | Co ppm   | Cr ppm   | Cu ppm   |
|                    |                          | 0.02         | 0.005   | 0.05     | 0.2      | 0.01     | 2        | 10       | 10       | 0.5      | 2        | 0.01     | 0.5      | 1        | 1        | 1        |
| S792977            |                          | 3.29         | 8.03    |          | >100     | 0.25     | >10000   | <10      | 30       | <0.5     | 1390     | 0.07     | 2.8      | 16       | 3        | 347      |
| S792978            |                          | 1.68         | 0.026   |          | 0.9      | 0.33     | 56       | <10      | 210      | 0.6      | <2       | 18.1     | 0.5      | 11       | 1        | 34       |
| S792979            |                          | 2.51         | 8.38    |          | >100     | 0.10     | >10000   | <10      | 10       | <0.5     | 937      | 0.04     | 291      | 90       | 2        | 6190     |
| S792980            |                          | 2.46         | 0.031   |          | 7.1      | 0.60     | 328      | 10       | 30       | 0.5      | 3        | 4.12     | 6.4      | 19       | 1        | 187      |
| S792981            |                          | 2.58         | 1.295   |          | >100     | 0.09     | 250      | <10      | 20       | <0.5     | 135      | 7.5      | 725      | 5        | <1       | 2190     |
| S792982            |                          | 2.88         | 4.58    |          | >100     | 0.04     | >10000   | <10      | 10       | <0.5     | 1650     | 0.03     | 116.5    | 107      | 1        | >10000   |
| S792983            |                          | 2.01         | >10.0   | 13.05    | 68.3     | 0.05     | >10000   | <10      | 20       | <0.5     | 416      | 0.27     | 84.3     | 960      | 4        | 3190     |
| S792984            |                          | 2.27         | 0.049   |          | 9.0      | 0.11     | 308      | <10      | 60       | <0.5     | 5        | 13.4     | 2.9      | 2        | 3        | 355      |
| S792985            |                          | 2.92         | 0.142   |          | 7.4      | 0.24     | 545      | <10      | 230      | <0.5     | 2        | 16.8     | 3.1      | 3        | <1       | 98       |
| S792986            |                          | 2.15         | 0.076   |          | 12.7     | 0.23     | 1230     | <10      | 50       | <0.5     | 12       | 10.1     | 80.2     | 12       | 1        | 234      |
| S792987            |                          | 1.59         | <0.005  |          | 0.6      | 0.15     | 69       | <10      | 360      | 0.6      | <2       | >25.0    | 0.9      | <1       | <1       | 4        |
| S792988            |                          | 1.12         | <0.005  |          | 5.3      | 0.57     | 37       | <10      | 70       | 0.5      | <2       | 9.8      | <0.5     | 19       | 10       | 74       |
| S792989            |                          | 2.22         | <0.005  |          | 2.6      | 0.20     | 58       | <10      | 80       | 0.5      | 2        | 17.4     | 0.6      | 13       | 1        | 14       |
| S792990            |                          | 2.18         | 0.012   |          | 44.7     | 0.11     | 6        | <10      | 160      | <0.5     | 2        | 13.0     | 304      | 6        | <1       | 238      |
| S792991            |                          | 3.14         | 0.092   |          | 5.1      | 0.29     | 342      | <10      | 20       | <0.5     | <2       | 2.86     | 1.9      | 7        | 11       | 29       |
| S792992            |                          | 2.13         | 0.047   |          | 0.9      | 0.13     | 158      | <10      | 570      | <0.5     | 2        | 18.7     | 0.6      | 2        | 2        | 19       |
| S792993            |                          | 1.96         | 0.187   |          | 5.3      | 0.09     | 245      | <10      | 200      | <0.5     | 2        | 20.6     | 0.6      | <1       | <1       | 125      |
| S792994            |                          | 2.03         | 0.231   |          | 9.7      | 0.16     | 83       | <10      | 40       | <0.5     | <2       | 0.14     | 2.1      | 2        | 15       | 23       |
| S792995            |                          | 1.37         | 0.012   |          | 0.4      | 0.12     | 126      | <10      | 90       | <0.5     | <2       | 15.6     | 4.5      | 1        | 5        | 14       |
| S792996            |                          | 1.93         | 0.536   |          | 23.7     | 0.11     | 887      | <10      | 110      | <0.5     | <2       | 18.3     | 14.4     | 6        | 2        | 183      |
| S792997            |                          | 1.72         | 0.442   |          | 14.4     | 0.10     | 3860     | <10      | 30       | <0.5     | 2        | 13.6     | 14.1     | 100      | <1       | 707      |
| S792998            |                          | 2.21         | 0.033   |          | 1.8      | 0.06     | 448      | <10      | 40       | <0.5     | 3        | 22.5     | 1.5      | 2        | 1        | 99       |
| S792999            |                          | 1.66         | 0.233   |          | 17.7     | 0.22     | 269      | <10      | 160      | <0.5     | <2       | 0.14     | 1.3      | 8        | 6        | 62       |
| S793000            |                          | 1.86         | 0.058   |          | 0.3      | 0.16     | 206      | <10      | 40       | <0.5     | 2        | 18.2     | <0.5     | 1        | <1       | 8        |
| S792242            |                          | 1.12         | 0.012   |          | 1.2      | 0.57     | 28       | 10       | 50       | 0.6      | <2       | 2.41     | 5.8      | 22       | 2        | 204      |
| S792246            |                          | 1.77         | 4.88    |          | >100     | 0.21     | >10000   | <10      | 130      | <0.5     | 807      | 0.18     | 6.2      | 8        | 1        | 1305     |
| S792247            |                          | 2.54         | 0.377   |          | >100     | 0.12     | 1500     | <10      | 100      | <0.5     | 72       | 8.6      | 93.9     | 6        | <1       | 410      |
| S792248            |                          | 1.73         | 0.061   |          | 8.0      | 0.32     | 652      | 10       | 110      | <0.5     | <2       | 0.14     | 1.8      | 11       | 6        | 156      |
| S792249            |                          | 1.06         | 0.039   |          | 48.0     | 0.12     | 663      | <10      | 20       | <0.5     | 16       | 14.7     | 527      | 24       | <1       | 1225     |
| S792250            |                          | 1.66         | 0.258   |          | 14.1     | 0.19     | 2460     | <10      | 10       | <0.5     | 2        | 0.43     | 199.5    | 46       | 4        | 884      |
| S792851            |                          | 0.11         | 0.852   |          | 6.0      | 1.07     | 44       | 10       | 40       | <0.5     | <2       | 0.41     | 5.1      | 14       | 19       | 6570     |





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16116386**

| Sample Description | Method  | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |     |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
|                    | Analyte | Fe       | Ga       | Hg       | K        | La       | Mg       | Mn       | Mo       | Na       | Ni       | P        | Pb       | S        | Sb       | Sc  |
|                    | Units   | %        | ppm      | ppm      | %        | ppm      | %        | ppm      | ppm      | %        | ppm      | ppm      | ppm      | %        | ppm      | ppm |
|                    | LOR     | 0.01     | 10       | 1        | 0.01     | 10       | 0.01     | 5        | 1        | 0.01     | 1        | 10       | 2        | 0.01     | 2        | 1   |
| S792977            |         | 13.85    | <10      | 8        | 0.23     | <10      | 0.02     | 192      | 3        | 0.01     | 6        | 370      | 5370     | 1.92     | 217      | 1   |
| S792978            |         | 6.46     | <10      | <1       | 0.12     | 10       | 0.99     | 5030     | 1        | 0.01     | 6        | 420      | 46       | 0.14     | 8        | 4   |
| S792979            |         | 26.8     | 10       | 13       | 0.07     | <10      | <0.01    | 457      | 1        | 0.01     | 2        | 90       | >10000   | >10.0    | 521      | 1   |
| S792980            |         | 7.79     | <10      | 3        | 0.17     | 10       | 0.60     | 5970     | 1        | 0.01     | 10       | 1530     | 270      | 3.81     | 23       | 10  |
| S792981            |         | 9.77     | <10      | 20       | 0.06     | <10      | 2.15     | 20300    | 1        | 0.01     | 4        | 120      | >10000   | 4.22     | 700      | 1   |
| S792982            |         | 34.3     | <10      | 3        | 0.03     | <10      | 0.01     | 1470     | 1        | 0.01     | 5        | 20       | 3710     | >10.0    | 303      | 1   |
| S792983            |         | 20.7     | <10      | 4        | 0.04     | <10      | 0.12     | 6000     | 1        | 0.01     | 13       | 50       | 3480     | >10.0    | 621      | 1   |
| S792984            |         | 8.61     | <10      | <1       | 0.05     | <10      | 3.69     | 21700    | <1       | 0.01     | <1       | 110      | 68       | 0.32     | 14       | 1   |
| S792985            |         | 7.42     | <10      | <1       | 0.10     | 10       | 4.62     | 11950    | <1       | 0.01     | <1       | 430      | 2760     | 0.11     | 10       | 2   |
| S792986            |         | 7.24     | <10      | 4        | 0.15     | 10       | 2.41     | 9680     | <1       | 0.01     | 1        | 580      | 3330     | 1.68     | 24       | 4   |
| S792987            |         | 8.67     | <10      | <1       | 0.06     | 10       | 1.24     | 11650    | <1       | 0.01     | 2        | 200      | 26       | 0.12     | 16       | 2   |
| S792988            |         | 4.35     | <10      | 1        | 0.16     | 20       | 0.49     | 2330     | 9        | 0.01     | 13       | 3090     | 20       | 0.41     | 10       | 19  |
| S792989            |         | 7.92     | <10      | 1        | 0.10     | 10       | 1.35     | 7740     | <1       | 0.01     | 8        | 320      | 34       | 0.80     | 8        | 15  |
| S792990            |         | 7.87     | <10      | 14       | 0.07     | 10       | 3.05     | 20100    | <1       | 0.01     | 3        | 130      | >10000   | 2.04     | 32       | 1   |
| S792991            |         | 3.48     | <10      | 1        | 0.08     | <10      | 0.03     | 722      | 1        | 0.01     | 13       | 420      | 126      | 2.52     | 61       | 1   |
| S792992            |         | 6.23     | <10      | 1        | 0.08     | 10       | 1.26     | 14900    | 1        | 0.01     | 1        | 140      | 34       | 0.26     | 10       | 2   |
| S792993            |         | 7.94     | <10      | <1       | 0.05     | 10       | 2.99     | 25800    | <1       | 0.01     | 2        | 70       | 119      | 0.70     | 10       | 2   |
| S792994            |         | 1.38     | <10      | 5        | 0.11     | <10      | 0.03     | 277      | 1        | 0.01     | 1        | 150      | 411      | 0.12     | 27       | 1   |
| S792995            |         | 5.28     | <10      | <1       | 0.06     | 10       | 0.72     | 11050    | <1       | 0.01     | 2        | 140      | 53       | 0.23     | 3        | 2   |
| S792996            |         | 8.19     | <10      | 1        | 0.06     | 10       | 1.65     | 13150    | 1        | 0.01     | 4        | 110      | 2510     | 1.69     | 35       | 2   |
| S792997            |         | 12.10    | <10      | 1        | 0.04     | 20       | 1.76     | 22500    | <1       | 0.01     | 4        | 60       | 134      | 0.65     | 39       | 2   |
| S792998            |         | 3.83     | <10      | 1        | 0.03     | 10       | 1.74     | 11050    | <1       | 0.01     | 1        | 50       | 15       | 0.20     | 8        | 1   |
| S792999            |         | 8.26     | <10      | 3        | 0.13     | <10      | 0.02     | 255      | 2        | 0.01     | 7        | 710      | 937      | 0.35     | 144      | 2   |
| S793000            |         | 6.37     | <10      | <1       | 0.11     | 10       | 2.97     | 18600    | <1       | 0.01     | 2        | 250      | 67       | 0.15     | 6        | 1   |
| S792242            |         | 7.68     | <10      | <1       | 0.25     | 10       | 0.56     | 4040     | <1       | 0.02     | 13       | 1930     | 31       | 2.31     | 11       | 10  |
| S792246            |         | 23.6     | <10      | 10       | 0.24     | <10      | 0.02     | 536      | 2        | 0.02     | 2        | 560      | >10000   | 1.98     | 334      | 3   |
| S792247            |         | 10.85    | <10      | 11       | 0.07     | <10      | 2.78     | 17300    | 1        | 0.01     | 3        | 140      | >10000   | 2.24     | 190      | 1   |
| S792248            |         | 9.75     | <10      | 4        | 0.17     | 10       | 0.04     | 1020     | 3        | 0.01     | 9        | 830      | 202      | 0.11     | 103      | 7   |
| S792249            |         | 8.42     | <10      | 10       | 0.08     | 10       | 1.41     | 13600    | <1       | 0.01     | 3        | 240      | >10000   | 1.14     | 44       | 1   |
| S792250            |         | 23.8     | <10      | 5        | 0.10     | <10      | 0.12     | 1780     | 1        | 0.01     | 8        | 340      | 929      | >10.0    | 59       | 3   |
| S792851            |         | 6.62     | <10      | 1        | 0.28     | <10      | 0.31     | 633      | 147      | 0.03     | 15       | 470      | 112      | 5.00     | 3        | 1   |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16116386**

| Sample Description | Method Analyte Units LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Ag-AA62 | Cu-AA62 | Pb-AA62 | Zn-AA62 |
|--------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
|                    |                          | Sr ppm   | Th ppm   | Ti %     | Ti ppm   | U ppm    | V ppm    | W ppm    | Zn ppm   | Ag ppm  | Cu %    | Pb %    | Zn %    |
|                    |                          | 1        | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 1       | 0.001   | 0.001   | 0.001   |
| S792977            |                          | 124      | <20      | <0.01    | <10      | <10      | 10       | <10      | 1465     | 222     |         |         |         |
| S792978            |                          | 146      | <20      | <0.01    | <10      | <10      | 35       | <10      | 56       |         |         |         |         |
| S792979            |                          | 6        | <20      | <0.01    | <10      | <10      | 7        | <10      | >10000   | 133     |         | 1.480   | 5.09    |
| S792980            |                          | 40       | <20      | <0.01    | <10      | <10      | 61       | <10      | 1460     |         |         |         |         |
| S792981            |                          | 117      | <20      | <0.01    | <10      | <10      | 6        | <10      | >10000   | 874     |         | 3.89    | 15.70   |
| S792982            |                          | 5        | <20      | <0.01    | <10      | <10      | 5        | 10       | >10000   | 164     | 1.095   |         | 1.200   |
| S792983            |                          | 7        | <20      | <0.01    | 10       | <10      | 5        | <10      | >10000   |         |         |         | 1.710   |
| S792984            |                          | 185      | <20      | <0.01    | <10      | <10      | 8        | <10      | 657      |         |         |         |         |
| S792985            |                          | 365      | <20      | <0.01    | <10      | <10      | 17       | <10      | 422      |         |         |         |         |
| S792986            |                          | 207      | <20      | <0.01    | <10      | <10      | 22       | <10      | >10000   |         |         |         | 1.885   |
| S792987            |                          | 267      | <20      | <0.01    | <10      | <10      | 13       | <10      | 93       |         |         |         |         |
| S792988            |                          | 172      | <20      | <0.01    | <10      | <10      | 86       | <10      | 34       |         |         |         |         |
| S792989            |                          | 268      | <20      | <0.01    | <10      | <10      | 64       | <10      | 100      |         |         |         |         |
| S792990            |                          | 211      | <20      | <0.01    | 10       | <10      | 10       | <10      | >10000   |         |         | 1.125   | 7.52    |
| S792991            |                          | 175      | <20      | <0.01    | <10      | <10      | 7        | <10      | 282      |         |         |         |         |
| S792992            |                          | 187      | <20      | <0.01    | <10      | <10      | 8        | <10      | 89       |         |         |         |         |
| S792993            |                          | 243      | <20      | <0.01    | <10      | <10      | 7        | <10      | 62       |         |         |         |         |
| S792994            |                          | 37       | <20      | <0.01    | <10      | <10      | 7        | <10      | 222      |         |         |         |         |
| S792995            |                          | 137      | <20      | <0.01    | <10      | <10      | 5        | <10      | 547      |         |         |         |         |
| S792996            |                          | 180      | <20      | <0.01    | <10      | <10      | 8        | <10      | 1665     |         |         |         |         |
| S792997            |                          | 157      | <20      | <0.01    | 10       | <10      | 7        | <10      | 1745     |         |         |         |         |
| S792998            |                          | 252      | <20      | <0.01    | <10      | 10       | 5        | <10      | 140      |         |         |         |         |
| S792999            |                          | 15       | <20      | <0.01    | <10      | <10      | 19       | <10      | 914      |         |         |         |         |
| S793000            |                          | 175      | <20      | <0.01    | <10      | 10       | 9        | <10      | 58       |         |         |         |         |
| S792242            |                          | 41       | <20      | <0.01    | <10      | <10      | 88       | <10      | 565      |         |         |         |         |
| S792246            |                          | 13       | <20      | <0.01    | <10      | <10      | 15       | <10      | 4900     | 260     |         | 2.68    |         |
| S792247            |                          | 165      | <20      | <0.01    | 10       | <10      | 7        | <10      | >10000   | 221     |         | 5.09    | 1.880   |
| S792248            |                          | 23       | <20      | <0.01    | <10      | <10      | 32       | <10      | 1040     |         |         |         |         |
| S792249            |                          | 113      | <20      | <0.01    | <10      | <10      | 9        | <10      | >10000   |         |         | 1.275   | 5.07    |
| S792250            |                          | 6        | <20      | <0.01    | <10      | <10      | 25       | <10      | >10000   |         |         |         | 1.775   |
| S792851            |                          | 36       | <20      | 0.01     | <10      | <10      | 17       | <10      | 860      |         |         |         |         |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS KL16116386**

|                    | <b>CERTIFICATE COMMENTS</b>   |          |         |          |         |          |         |         |        |        |  |  |  |
|--------------------|---|----------|---------|----------|---------|----------|---------|---------|--------|--------|--|--|--|
|                    | <b>LABORATORY ADDRESSES</b>   |          |         |          |         |          |         |         |        |        |  |  |  |
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>LOG-23</td> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> </tr> <tr> <td>WEI-21</td> <td></td> <td></td> <td></td> </tr> </table> | BAG-01   | CRU-32  | CRU-QC   | LOG-22  | LOG-23   | PUL-35a | PUL-QC  | SPL-21 | WEI-21 |  |  |  |
| BAG-01             | CRU-32  | CRU-QC   | LOG-22  |          |         |          |         |         |        |        |  |  |  |
| LOG-23             | PUL-35a   | PUL-QC   | SPL-21  |          |         |          |         |         |        |        |  |  |  |
| WEI-21             |   |          |         |          |         |          |         |         |        |        |  |  |  |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA62</td> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">Au-GRA22</td> <td style="width: 15%;">Cu-AA62</td> </tr> <tr> <td>ME-ICP41</td> <td>Pb-AA62</td> <td>Zn-AA62</td> <td></td> </tr> </table>  | Ag-AA62  | Au-AA24 | Au-GRA22 | Cu-AA62 | ME-ICP41 | Pb-AA62 | Zn-AA62 |        |        |  |  |  |
| Ag-AA62            | Au-AA24   | Au-GRA22 | Cu-AA62 |          |         |          |         |         |        |        |  |  |  |
| ME-ICP41           | Pb-AA62   | Zn-AA62  |         |          |         |          |         |         |        |        |  |  |  |



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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 Finalized Date: 9-SEP-2016  
 Account: SKERES

**CERTIFICATE KL16137693**

Project: Spectrum  
 P.O. No.: SP-R16-07  
 This report is for 6 Rock samples submitted to our lab in Kamloops, BC, Canada on 19-AUG-2016.  
 The following have access to data associated with this certificate:

|  |                              |                                |
|--|------------------------------|--------------------------------|
| PAUL BAXTER<br>RAEGAN MARKEL<br>JOHN TYLER | MIKE CATHRO<br>COLIN RUSSELL | GRAHAM GILES<br>JACQUES STACEY |
|--|------------------------------|--------------------------------|

| <b>SAMPLE PREPARATION</b> |                                |
|---------------------------|--------------------------------|
| ALS CODE                  | DESCRIPTION                    |
| WEI-21                    | Received Sample Weight         |
| LOG-22                    | Sample login - Rcd w/o BarCode |
| CRU-QC                    | Crushing QC Test               |
| PUL-QC                    | Pulverizing QC Test            |
| CRU-32                    | Fine Crushing 90% <2mm         |
| SPL-21                    | Split sample - riffle splitter |
| PUL-35a                   | Pulv 1 kg split to 95%<106 um  |
| BAG-01                    | Bulk Master for Storage        |

| <b>ANALYTICAL PROCEDURES</b> |                                |            |
|------------------------------|--------------------------------|------------|
| ALS CODE                     | DESCRIPTION                    | INSTRUMENT |
| ME-ICP41                     | 35 Element Aqua Regia ICP-AES  | ICP-AES    |
| Ag-AA62                      | Ore grade Ag - four acid /AAS  | AAS        |
| Pb-AA62                      | Ore grade Pb - four acid / AAS | AAS        |
| Zn-AA62                      | Ore grade Zn - four acid / AAS | AAS        |
| Au-AA24                      | Au 50g FA AA finish            | AAS        |

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16137693**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                    |                          | 0.02                | 0.005          | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               | 0.01          |
| S792880            |                          | 3.49                | 1.780          | 33.3            | 0.03          | 2000            | <10            | 10              | <0.5            | 7               | 19.3          | 74.4            | 6               | <1              | 2330            | 9.07          |
| S792881            |                          | 2.64                | 4.23           | >100            | 0.03          | 751             | <10            | 30              | <0.5            | <2              | 16.0          | 194.0           | <1              | <1              | 1240            | 8.05          |
| S792883            |                          | 1.85                | 2.33           | >100            | 0.02          | 467             | <10            | 10              | <0.5            | 11              | 15.0          | 386             | 1               | <1              | 1505            | 8.76          |
| S792884            |                          | 2.22                | 0.210          | 4.5             | 0.32          | 1370            | <10            | 330             | <0.5            | <2              | 11.2          | 1.4             | 34              | 3               | 90              | 6.36          |
| S792885            |                          | 1.88                | 0.483          | 67.8            | 0.52          | >10000          | <10            | 30              | <0.5            | 46              | 5.60          | 2.4             | 41              | 5               | 1425            | 11.10         |
| S792886            |                          | 2.69                | 5.30           | 32.8            | 0.40          | >10000          | <10            | 50              | <0.5            | 44              | 12.4          | 2.6             | 146             | 2               | 1380            | 11.50         |

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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16137693**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41<br>Ga<br>ppm<br>10 | ME-ICP41<br>Hg<br>ppm<br>1 | ME-ICP41<br>K<br>%<br>0.01 | ME-ICP41<br>La<br>ppm<br>10 | ME-ICP41<br>Mg<br>%<br>0.01 | ME-ICP41<br>Mn<br>ppm<br>5 | ME-ICP41<br>Mo<br>ppm<br>1 | ME-ICP41<br>Na<br>%<br>0.01 | ME-ICP41<br>Ni<br>ppm<br>1 | ME-ICP41<br>P<br>ppm<br>10 | ME-ICP41<br>Pb<br>ppm<br>2 | ME-ICP41<br>S<br>%<br>0.01 | ME-ICP41<br>Sb<br>ppm<br>2 | ME-ICP41<br>Sc<br>ppm<br>1 | ME-ICP41<br>Sr<br>ppm<br>1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| S792880            |                                   | <10                         | 5                          | 0.01                       | 10                          | 3.52                        | 36400                      | 2                          | 0.03                        | 4                          | 30                         | 7490                       | 1.62                       | 66                         | 1                          | 184                        |
| S792881            |                                   | <10                         | 16                         | 0.01                       | 10                          | 3.22                        | >50000                     | 1                          | 0.02                        | 1                          | 30                         | >10000                     | 1.18                       | 104                        | <1                         | 131                        |
| S792883            |                                   | <10                         | 48                         | <0.01                      | <10                         | 3.44                        | 37500                      | 2                          | 0.02                        | 2                          | 10                         | >10000                     | 1.26                       | 29                         | <1                         | 85                         |
| S792884            |                                   | <10                         | <1                         | 0.16                       | 10                          | 2.19                        | 10600                      | 1                          | 0.02                        | 13                         | 560                        | 77                         | 0.62                       | 15                         | 7                          | 82                         |
| S792885            |                                   | <10                         | 1                          | 0.16                       | <10                         | 1.25                        | 17400                      | 1                          | 0.02                        | 9                          | 500                        | 263                        | 7.80                       | 186                        | 3                          | 64                         |
| S792886            |                                   | <10                         | <1                         | 0.09                       | 10                          | 1.94                        | 16050                      | 23                         | 0.02                        | 60                         | 300                        | 733                        | 5.46                       | 160                        | 4                          | 122                        |



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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16137693**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41  | Ag-AA62   | Pb-AA62 | Zn-AA62 |
|--------------------|-----------------------------------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|---------|---------|
|                    |                                   | Th<br>ppm | Ti<br>%  | Ti<br>ppm | U<br>ppm | V<br>ppm | W<br>ppm | Zn<br>ppm | Ag<br>ppm | Pb<br>% | Zn<br>% |
|                    |                                   | 20        | 0.01     | 10        | 10       | 1        | 10       | 2         | 1         | 0.001   | 0.001   |
| S792880            |                                   | <20       | <0.01    | <10       | <10      | 3        | <10      | >10000    |           |         | 1.155   |
| S792881            |                                   | <20       | <0.01    | <10       | <10      | 2        | 10       | >10000    | 99        | 3.25    | 2.90    |
| S792883            |                                   | <20       | <0.01    | <10       | <10      | 3        | 10       | >10000    | 119       | 1.275   | 6.25    |
| S792884            |                                   | <20       | <0.01    | <10       | <10      | 25       | <10      | 181       |           |         |         |
| S792885            |                                   | <20       | <0.01    | <10       | <10      | 17       | <10      | 270       |           |         |         |
| S792886            |                                   | <20       | <0.01    | <10       | <10      | 14       | <10      | 219       |           |         |         |



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**CERTIFICATE OF ANALYSIS KL16137693**

|                    | <b>CERTIFICATE COMMENTS</b>  |          |         |          |         |         |        |        |        |
|--------------------|--|----------|---------|----------|---------|---------|--------|--------|--------|
|                    | <b>LABORATORY ADDRESSES</b>  |          |         |          |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> | BAG-01   | CRU-32  | CRU-QC   | LOG-22  | PUL-35a | PUL-QC | SPL-21 | WEI-21 |
| BAG-01             | CRU-32   | CRU-QC   | LOG-22  |          |         |         |        |        |        |
| PUL-35a            | PUL-QC   | SPL-21   | WEI-21  |          |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ag-AA62</td> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">ME-ICP41</td> <td style="width: 15%;">Pb-AA62</td> </tr> <tr> <td>Zn-AA62</td> <td></td> <td></td> <td></td> </tr> </table>      | Ag-AA62  | Au-AA24 | ME-ICP41 | Pb-AA62 | Zn-AA62 |        |        |        |
| Ag-AA62            | Au-AA24  | ME-ICP41 | Pb-AA62 |          |         |         |        |        |        |
| Zn-AA62            |  |          |         |          |         |         |        |        |        |





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**CERTIFICATE KL16143828**

Project: Spectrum  
 P.O. No.: SP-R16-08  
 This report is for 13 Rock samples submitted to our lab in Kamloops, BC, Canada on 29-AUG-2016.  
 The following have access to data associated with this certificate:

|  |                              |                                |
|--|------------------------------|--------------------------------|
| PAUL BAXTER<br>RAEGAN MARKEL<br>JOHN TYLER | MIKE CATHRO<br>COLIN RUSSELL | GRAHAM GILES<br>JACQUES STACEY |
|--|------------------------------|--------------------------------|

| SAMPLE PREPARATION |                                |
|--------------------|--------------------------------|
| ALS CODE           | DESCRIPTION                    |
| WEI-21             | Received Sample Weight         |
| LOG-22             | Sample login - Rcd w/o BarCode |
| CRU-QC             | Crushing QC Test               |
| PUL-QC             | Pulverizing QC Test            |
| CRU-32             | Fine Crushing 90% <2mm         |
| SPL-21             | Split sample - riffle splitter |
| PUL-35a            | Pulv 1 kg split to 95%<106 um  |
| BAG-01             | Bulk Master for Storage        |

| ANALYTICAL PROCEDURES |                               |            |
|-----------------------|-------------------------------|------------|
| ALS CODE              | DESCRIPTION                   | INSTRUMENT |
| ME-ICP41              | 35 Element Aqua Regia ICP-AES | ICP-AES    |
| Au-AA24               | Au 50g FA AA finish           | AAS        |

To: SKEENA RESOURCES  
 ATTN: COLIN RUSSELL  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16143828**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                    |                          | 0.02                | 0.005          | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               | 0.01          |
| S794451            |                          | 1.05                | <0.005         | <0.2            | 3.48          | 11              | <10            | 80              | <0.5            | <2              | 4.67          | <0.5            | 30              | 47              | 175             | 6.57          |
| S794452            |                          | 1.09                | 0.016          | 0.5             | 2.85          | 26              | <10            | 40              | <0.5            | <2              | 4.97          | <0.5            | 38              | 68              | 294             | 6.94          |
| S794453            |                          | 1.22                | 0.007          | 0.2             | 2.92          | 62              | <10            | 80              | <0.5            | <2              | 2.57          | <0.5            | 26              | 18              | 117             | 5.67          |
| S794454            |                          | 1.36                | 1.165          | 0.2             | 3.67          | 720             | <10            | 60              | <0.5            | <2              | 4.02          | <0.5            | 81              | 104             | 129             | 6.57          |
| S794455            |                          | 0.89                | 0.019          | <0.2            | 1.31          | 12              | <10            | 70              | 0.5             | <2              | 1.02          | <0.5            | 6               | 5               | 16              | 4.20          |
| S794456            |                          | 1.20                | <0.005         | <0.2            | 1.51          | 20              | <10            | 100             | 0.6             | <2              | 3.40          | <0.5            | 10              | 46              | 17              | 2.79          |
| S794457            |                          | 1.19                | 0.044          | 1.1             | 0.78          | 193             | 10             | 440             | 0.6             | <2              | 0.12          | 0.7             | 6               | 7               | 100             | 2.94          |
| S794458            |                          | 1.26                | 0.005          | <0.2            | 2.18          | 67              | <10            | 260             | 0.8             | <2              | 0.42          | <0.5            | 18              | 46              | 109             | 4.46          |
| S794459            |                          | 1.03                | 0.215          | 0.5             | 0.61          | 882             | <10            | 210             | <0.5            | <2              | 0.09          | 0.8             | 6               | 12              | 161             | 7.01          |
| S794460            |                          | 1.10                | 0.023          | 0.2             | 0.95          | 506             | <10            | 160             | 0.5             | <2              | 0.06          | 0.7             | 9               | 15              | 99              | 4.93          |
| S794461            |                          | 1.32                | 0.007          | 0.2             | 3.24          | 44              | <10            | 150             | 0.7             | <2              | 0.53          | <0.5            | 22              | 92              | 76              | 5.63          |
| S794462            |                          | 0.92                | <0.005         | <0.2            | 2.11          | 20              | <10            | 180             | 0.9             | <2              | 0.64          | <0.5            | 15              | 27              | 83              | 3.88          |
| S794463            |                          | 1.32                | 0.054          | 1.2             | 2.69          | 771             | <10            | 90              | 0.7             | 2               | 0.27          | <0.5            | 10              | 122             | 368             | 5.92          |



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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16143828**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  |           |
|--------------------|-----------------------------------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|
|                    |                                   | Ga<br>ppm | Hg<br>ppm | K<br>%   | La<br>ppm | Mg<br>%  | Mn<br>ppm | Mo<br>ppm | Na<br>%  | Ni<br>ppm | P<br>ppm | Pb<br>ppm | S<br>%   | Sb<br>ppm | Sc<br>ppm | Sr<br>ppm |
|                    |                                   | 10        | 1         | 0.01     | 10        | 0.01     | 5         | 1         | 0.01     | 1         | 10       | 2         | 0.01     | 2         | 1         | 1         |
| S794451            |                                   | 10        | <1        | 0.41     | 10        | 1.73     | 722       | 1         | 0.28     | 26        | 2610     | 3         | 1.75     | <2        | 18        | 323       |
| S794452            |                                   | 10        | <1        | 0.29     | 10        | 1.95     | 829       | 26        | 0.12     | 38        | 2090     | 3         | 1.64     | 3         | 21        | 173       |
| S794453            |                                   | 10        | <1        | 0.27     | 10        | 1.79     | 623       | 2         | 0.20     | 16        | 2820     | <2        | 1.16     | <2        | 13        | 210       |
| S794454            |                                   | 10        | <1        | 0.54     | 10        | 2.21     | 851       | <1        | 0.24     | 29        | 2100     | <2        | 0.99     | 3         | 18        | 246       |
| S794455            |                                   | 10        | <1        | 0.09     | 30        | 0.89     | 372       | 1         | 0.10     | 4         | 2160     | 5         | 1.17     | 5         | 5         | 71        |
| S794456            |                                   | 10        | <1        | 0.08     | 20        | 1.38     | 591       | 2         | 0.07     | 25        | 2280     | 6         | 0.50     | 3         | 9         | 101       |
| S794457            |                                   | <10       | 1         | 0.37     | 10        | 0.06     | 124       | 3         | 0.01     | 14        | 1000     | 332       | 0.21     | 21        | 4         | 61        |
| S794458            |                                   | 10        | <1        | 0.22     | 10        | 0.95     | 569       | 1         | 0.03     | 47        | 1610     | 9         | 0.01     | 6         | 7         | 21        |
| S794459            |                                   | <10       | 1         | 0.38     | 10        | 0.03     | 394       | 10        | 0.01     | 32        | 1390     | 11        | 0.65     | 50        | 4         | 100       |
| S794460            |                                   | <10       | <1        | 0.30     | 10        | 0.06     | 220       | 21        | 0.01     | 25        | 970      | 17        | 0.30     | 36        | 7         | 68        |
| S794461            |                                   | 10        | <1        | 0.48     | 20        | 2.10     | 887       | 1         | 0.04     | 78        | 1600     | 9         | 0.01     | 2         | 11        | 28        |
| S794462            |                                   | 10        | <1        | 0.72     | 20        | 0.89     | 661       | <1        | 0.05     | 47        | 1720     | 2         | 0.05     | 3         | 11        | 42        |
| S794463            |                                   | 10        | <1        | 0.23     | 10        | 1.89     | 311       | 4         | 0.03     | 84        | 1540     | 9         | 0.30     | 5         | 10        | 16        |

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 North Vancouver BC V7H 0A7  
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 Account: SKERES

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**CERTIFICATE OF ANALYSIS KL16143828**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
|                    |                                   | Th       | Ti       | Ti       | U        | V        | W        | Zn       |
|                    |                                   | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      |
|                    |                                   | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        |
| S794451            |                                   | <20      | 0.31     | <10      | <10      | 219      | <10      | 48       |
| S794452            |                                   | <20      | 0.28     | <10      | <10      | 229      | <10      | 53       |
| S794453            |                                   | <20      | 0.33     | <10      | <10      | 229      | <10      | 48       |
| S794454            |                                   | <20      | 0.23     | <10      | <10      | 197      | <10      | 52       |
| S794455            |                                   | <20      | 0.22     | <10      | <10      | 157      | <10      | 22       |
| S794456            |                                   | <20      | 0.10     | <10      | <10      | 126      | <10      | 40       |
| S794457            |                                   | <20      | <0.01    | <10      | <10      | 32       | <10      | 109      |
| S794458            |                                   | <20      | 0.01     | <10      | <10      | 87       | <10      | 36       |
| S794459            |                                   | <20      | <0.01    | 10       | <10      | 47       | <10      | 51       |
| S794460            |                                   | <20      | <0.01    | <10      | <10      | 55       | <10      | 23       |
| S794461            |                                   | <20      | 0.04     | <10      | <10      | 157      | <10      | 73       |
| S794462            |                                   | <20      | 0.05     | <10      | <10      | 120      | <10      | 71       |
| S794463            |                                   | <20      | 0.02     | <10      | <10      | 145      | <10      | 67       |



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 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16143828**

|                    | <b>CERTIFICATE COMMENTS</b>  |         |          |        |        |         |        |        |        |
|--------------------|--|---------|----------|--------|--------|---------|--------|--------|--------|
|                    | <b>LABORATORY ADDRESSES</b>  |         |          |        |        |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> | BAG-01  | CRU-32   | CRU-QC | LOG-22 | PUL-35a | PUL-QC | SPL-21 | WEI-21 |
| BAG-01             | CRU-32   | CRU-QC  | LOG-22   |        |        |         |        |        |        |
| PUL-35a            | PUL-QC   | SPL-21  | WEI-21   |        |        |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-AA24</td> <td style="width: 67%;">ME-ICP41</td> </tr> </table>  | Au-AA24 | ME-ICP41 |        |        |         |        |        |        |
| Au-AA24            | ME-ICP41   |         |          |        |        |         |        |        |        |



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**CERTIFICATE KL16150895**

Project: Spectrum  
 P.O. No.: SP-R16-09  
 This report is for 10 Rock samples submitted to our lab in Kamloops, BC, Canada on 8-SEP-2016.  
 The following have access to data associated with this certificate:

|  |                              |                                |
|--|------------------------------|--------------------------------|
| PAUL BAXTER<br>RAEGAN MARKEL<br>JOHN TYLER | MIKE CATHRO<br>COLIN RUSSELL | GRAHAM GILES<br>JACQUES STACEY |
|--|------------------------------|--------------------------------|

| SAMPLE PREPARATION |                                |
|--------------------|--------------------------------|
| ALS CODE           | DESCRIPTION                    |
| WEI-21             | Received Sample Weight         |
| LOG-22             | Sample login - Rcd w/o BarCode |
| CRU-QC             | Crushing QC Test               |
| PUL-QC             | Pulverizing QC Test            |
| CRU-32             | Fine Crushing 90% <2mm         |
| SPL-21             | Split sample - riffle splitter |
| PUL-35a            | Pulv 1 kg split to 95%<106 um  |
| BAG-01             | Bulk Master for Storage        |

| ANALYTICAL PROCEDURES |                               |            |
|-----------------------|-------------------------------|------------|
| ALS CODE              | DESCRIPTION                   | INSTRUMENT |
| ME-ICP41              | 35 Element Aqua Regia ICP-AES | ICP-AES    |
| Au-AA24               | Au 50g FA AA finish           | AAS        |

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16150895**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                    |                          | 0.02                | 0.005          | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               | 0.01          |
| S794464            |                          | 1.95                | 0.072          | 0.9             | 1.90          | 122             | <10            | 70              | 0.5             | <2              | 0.96          | 0.5             | 45              | 12              | 1250            | 8.25          |
| S794465            |                          | 1.21                | 0.025          | 2.1             | 2.00          | 29              | 10             | 20              | <0.5            | <2              | 1.27          | <0.5            | 33              | 2               | 1415            | 21.4          |
| S794466            |                          | 1.87                | 0.989          | 2.2             | 1.94          | 5440            | <10            | 80              | 0.8             | 2               | 7.4           | 12.3            | 26              | 12              | 686             | 7.35          |
| S794467            |                          | 1.76                | 0.015          | 0.4             | 1.28          | 14              | <10            | 40              | 0.5             | <2              | 2.68          | <0.5            | 18              | 15              | 607             | 4.35          |
| S794468            |                          | 1.46                | 1.180          | 5.2             | 0.35          | 4040            | <10            | 20              | <0.5            | 5               | 8.5           | 9.4             | 25              | 6               | 335             | 10.60         |
| S794469            |                          | 1.53                | 0.017          | 0.5             | 1.68          | 69              | <10            | 50              | 0.8             | <2              | 5.46          | 0.5             | 21              | 4               | 779             | 6.25          |
| S794470            |                          | 1.34                | <0.005         | 0.3             | 2.13          | 13              | <10            | 130             | <0.5            | <2              | 0.78          | <0.5            | 22              | 5               | 418             | 5.40          |
| S794471            |                          | 1.19                | 0.007          | 0.7             | 2.62          | 16              | <10            | 30              | 0.9             | <2              | 0.76          | 3.2             | 32              | 5               | 973             | 8.93          |
| S794472            |                          | 1.55                | 0.005          | 0.3             | 1.71          | 11              | <10            | 80              | 0.5             | 3               | 0.64          | <0.5            | 23              | 4               | 382             | 5.17          |
| S794473            |                          | 1.39                | 0.008          | 0.4             | 2.24          | 11              | 10             | 60              | 0.9             | <2              | 4.05          | <0.5            | 17              | 5               | 369             | 4.65          |

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**CERTIFICATE OF ANALYSIS KL16150895**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  |           |
|--------------------|-----------------------------------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|
|                    |                                   | Ga<br>ppm | Hg<br>ppm | K<br>%   | La<br>ppm | Mg<br>%  | Mn<br>ppm | Mo<br>ppm | Na<br>%  | Ni<br>ppm | P<br>ppm | Pb<br>ppm | S<br>%   | Sb<br>ppm | Sc<br>ppm | Sr<br>ppm |
|                    |                                   | 10        | 1         | 0.01     | 10        | 0.01     | 5         | 1         | 0.01     | 1         | 10       | 2         | 0.01     | 2         | 1         |           |
| S794464            |                                   | 10        | <1        | 0.54     | 20        | 1.69     | 1165      | 12        | 0.07     | 13        | 2850     | 8         | 4.34     | 6         | 14        | 38        |
| S794465            |                                   | 10        | <1        | 0.05     | 40        | 1.12     | 1035      | 69        | 0.03     | 27        | 2940     | 7         | 9.32     | 4         | 6         | 57        |
| S794466            |                                   | 10        | <1        | 0.43     | 30        | 1.63     | 2930      | 14        | 0.09     | 10        | 3280     | 109       | 4.18     | 80        | 13        | 133       |
| S794467            |                                   | 10        | <1        | 0.29     | 20        | 0.93     | 899       | 5         | 0.09     | 12        | 2140     | 2         | 2.22     | <2        | 9         | 64        |
| S794468            |                                   | <10       | <1        | 0.16     | 10        | 0.14     | 2750      | 139       | 0.02     | 6         | 1120     | 633       | >10.0    | 63        | 2         | 121       |
| S794469            |                                   | 10        | <1        | 0.22     | 20        | 1.28     | 1675      | 3         | 0.07     | 8         | 3350     | 8         | 3.73     | 5         | 13        | 86        |
| S794470            |                                   | 10        | <1        | 1.01     | 20        | 2.01     | 1300      | 3         | 0.08     | 8         | 2220     | 4         | 1.69     | 4         | 12        | 28        |
| S794471            |                                   | 10        | <1        | 1.39     | 20        | 2.59     | 1280      | 18        | 0.08     | 15        | 2840     | 2         | 5.75     | 5         | 17        | 30        |
| S794472            |                                   | 10        | <1        | 0.75     | 20        | 1.72     | 558       | 16        | 0.07     | 9         | 2140     | 5         | 2.75     | 4         | 10        | 24        |
| S794473            |                                   | 10        | <1        | 0.29     | 20        | 1.41     | 1530      | 2         | 0.11     | 7         | 2650     | 4         | 1.80     | <2        | 9         | 163       |

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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16150895**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
|                    |                                   | Th       | Ti       | Tl       | U        | V        | W        | Zn       |
|                    |                                   | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      |
|                    |                                   | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        |
| S794464            |                                   | <20      | 0.28     | <10      | <10      | 200      | <10      | 136      |
| S794465            |                                   | <20      | 0.11     | <10      | <10      | 149      | <10      | 137      |
| S794466            |                                   | <20      | 0.12     | <10      | <10      | 167      | <10      | 1980     |
| S794467            |                                   | <20      | 0.21     | <10      | <10      | 144      | <10      | 77       |
| S794468            |                                   | <20      | <0.01    | <10      | <10      | 18       | <10      | 1445     |
| S794469            |                                   | <20      | 0.13     | <10      | <10      | 179      | <10      | 106      |
| S794470            |                                   | <20      | 0.38     | <10      | <10      | 213      | <10      | 167      |
| S794471            |                                   | <20      | 0.36     | <10      | <10      | 275      | <10      | 466      |
| S794472            |                                   | <20      | 0.28     | <10      | <10      | 212      | <10      | 66       |
| S794473            |                                   | <20      | 0.22     | <10      | <10      | 155      | <10      | 110      |



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**CERTIFICATE OF ANALYSIS KL16150895**

| CERTIFICATE COMMENTS |   |
|----------------------|---|
|                      | <b>LABORATORY ADDRESSES</b>   |
| Applies to Method:   | Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.<br>BAG-01                                      CRU-32                                      CRU-QC                                      LOG-22<br>PUL-35a                                      PUL-QC                                      SPL-21                                      WEI-21 |
| Applies to Method:   | Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.<br>Au-AA24                                      ME-ICP41   |



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**CERTIFICATE KL16154142**

Project: Spectrum  
 P.O. No.: SP-R16-10  
 This report is for 9 Rock samples submitted to our lab in Kamloops, BC, Canada on 13-SEP-2016.  
 The following have access to data associated with this certificate:

|  |                              |                                |
|--|------------------------------|--------------------------------|
| PAUL BAXTER<br>RAEGAN MARKEL<br>JOHN TYLER | MIKE CATHRO<br>COLIN RUSSELL | GRAHAM GILES<br>JACQUES STACEY |
|--|------------------------------|--------------------------------|

| SAMPLE PREPARATION |                                |
|--------------------|--------------------------------|
| ALS CODE           | DESCRIPTION                    |
| WEI-21             | Received Sample Weight         |
| LOG-22             | Sample login - Rcd w/o BarCode |
| CRU-QC             | Crushing QC Test               |
| PUL-QC             | Pulverizing QC Test            |
| CRU-32             | Fine Crushing 90% <2mm         |
| SPL-21             | Split sample - riffle splitter |
| PUL-35a            | Pulv 1 kg split to 95%<106 um  |
| BAG-01             | Bulk Master for Storage        |

| ANALYTICAL PROCEDURES |                                |            |
|-----------------------|--------------------------------|------------|
| ALS CODE              | DESCRIPTION                    | INSTRUMENT |
| ME-ICP41              | 35 Element Aqua Regia ICP-AES  | ICP-AES    |
| Pb-AA62               | Ore grade Pb - four acid / AAS | AAS        |
| Zn-AA62               | Ore grade Zn - four acid / AAS | AAS        |
| Au-AA24               | Au 50g FA AA finish            | AAS        |

To: SKEENA RESOURCES  
 ATTN: JOHN TYLER  
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\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16154142**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | Au-AA24 Au g/t | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % |
|--------------------|--------------------------|---------------------|----------------|-----------------|---------------|-----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                    |                          | 0.02                | 0.005          | 0.2             | 0.01          | 2               | 10             | 10              | 0.5             | 2               | 0.01          | 0.5             | 1               | 1               | 1               | 0.01          |
| S794474            |                          | 1.20                | <0.005         | 2.0             | 2.71          | 107             | <10            | 50              | 0.6             | <2              | 0.10          | <0.5            | 12              | 11              | 81              | 11.55         |
| S794475            |                          | 1.25                | <0.005         | 0.2             | 1.72          | 8               | 10             | 30              | 0.9             | <2              | 8.5           | 3.1             | 9               | 2               | 69              | 3.57          |
| S794476            |                          | 1.14                | <0.005         | <0.2            | 1.11          | 2               | <10            | 30              | <0.5            | <2              | 13.5          | <0.5            | 4               | 25              | 4               | 2.51          |
| S794477            |                          | 0.97                | 0.008          | 1.7             | 0.04          | 743             | <10            | 20              | <0.5            | 4               | >25.0         | <0.5            | <1              | <1              | 8               | 6.60          |
| S794478            |                          | 1.21                | 0.024          | 2.2             | 0.26          | 678             | <10            | 30              | <0.5            | <2              | 0.24          | <0.5            | 3               | 33              | 21              | 2.26          |
| S794479            |                          | 1.91                | <0.005         | <0.2            | 2.13          | 36              | 10             | 20              | <0.5            | <2              | 12.3          | <0.5            | 15              | 16              | 6               | 4.83          |
| S794301            |                          | 1.28                | 0.005          | <0.2            | 2.24          | 4               | <10            | 60              | 0.6             | <2              | 8.5           | <0.5            | 20              | 27              | 98              | 5.17          |
| S794302            |                          | 2.32                | 0.183          | 68.9            | 0.16          | 103             | <10            | 90              | <0.5            | 7               | 9.7           | 217             | 15              | 5               | 266             | 6.15          |
| S794303            |                          | 1.50                | 0.016          | 0.2             | 0.47          | 276             | <10            | 50              | <0.5            | 4               | 21.2          | 0.5             | 4               | 5               | 38              | 6.22          |

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**CERTIFICATE OF ANALYSIS KL16154142**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41 | ME-ICP41  | ME-ICP41  |           |
|--------------------|-----------------------------------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|
|                    |                                   | Ga<br>ppm | Hg<br>ppm | K<br>%   | La<br>ppm | Mg<br>%  | Mn<br>ppm | Mo<br>ppm | Na<br>%  | Ni<br>ppm | P<br>ppm | Pb<br>ppm | S<br>%   | Sb<br>ppm | Sc<br>ppm | Sr<br>ppm |
|                    |                                   | 10        | 1         | 0.01     | 10        | 0.01     | 5         | 1         | 0.01     | 1         | 10       | 2         | 0.01     | 2         | 1         | 1         |
| S794474            |                                   | 10        | 2         | 0.12     | 10        | 1.14     | 568       | 1         | 0.06     | 7         | 1020     | 103       | 0.49     | 58        | 9         | 25        |
| S794475            |                                   | <10       | <1        | 0.26     | 20        | 0.59     | 1435      | <1        | 0.02     | 4         | 2110     | 111       | 0.23     | <2        | 5         | 71        |
| S794476            |                                   | 10        | 1         | 0.07     | 30        | 0.67     | 2030      | <1        | 0.03     | 11        | 620      | 7         | <0.01    | 2         | 7         | 101       |
| S794477            |                                   | <10       | 2         | 0.02     | 10        | 0.96     | 3330      | <1        | 0.01     | 2         | 30       | 39        | 4.53     | 142       | 1         | 380       |
| S794478            |                                   | <10       | 1         | 0.07     | <10       | 0.10     | 135       | 3         | 0.03     | 4         | 240      | 13        | 0.91     | 62        | 1         | 11        |
| S794479            |                                   | 10        | <1        | 0.02     | <10       | 1.45     | 833       | 1         | 0.03     | 11        | 1160     | <2        | 0.40     | 4         | 8         | 23        |
| S794301            |                                   | 10        | <1        | 0.18     | 10        | 1.58     | 2170      | <1        | 0.04     | 17        | 1530     | 4         | 0.03     | 4         | 13        | 136       |
| S794302            |                                   | <10       | 16        | 0.11     | 10        | 1.69     | 13200     | 37        | 0.01     | 1         | 280      | >10000    | 3.36     | 52        | 2         | 143       |
| S794303            |                                   | <10       | 1         | 0.05     | 10        | 2.23     | 2480      | 1         | 0.01     | 8         | 430      | 41        | 3.73     | 17        | 4         | 334       |



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Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16154142**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | ME-ICP41 | Pb-AA62 | Zn-AA62 |
|--------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
|                    |                                   | Th       | Ti       | Tl       | U        | V        | W        | Zn       | Pb      | Zn      |
|                    |                                   | ppm      | %        | ppm      | ppm      | ppm      | ppm      | ppm      | %       | %       |
|                    |                                   | 20       | 0.01     | 10       | 10       | 1        | 10       | 2        | 0.001   | 0.001   |
| S794474            |                                   | <20      | <0.01    | <10      | <10      | 169      | <10      | 759      |         |         |
| S794475            |                                   | <20      | <0.01    | <10      | <10      | 66       | <10      | 349      |         |         |
| S794476            |                                   | <20      | <0.01    | <10      | <10      | 77       | <10      | 52       |         |         |
| S794477            |                                   | <20      | <0.01    | 10       | <10      | 3        | <10      | 5        |         |         |
| S794478            |                                   | <20      | <0.01    | <10      | <10      | 19       | <10      | 55       |         |         |
| S794479            |                                   | <20      | 0.09     | <10      | <10      | 101      | <10      | 15       |         |         |
| S794301            |                                   | <20      | 0.02     | <10      | <10      | 149      | <10      | 82       |         |         |
| S794302            |                                   | <20      | <0.01    | <10      | <10      | 12       | <10      | >10000   | 1.855   | 3.66    |
| S794303            |                                   | <20      | <0.01    | <10      | <10      | 25       | <10      | 99       |         |         |



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

To: SKEENA RESOURCES  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 29-SEP-2016  
 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16154142**

|                    | <b>CERTIFICATE COMMENTS</b>  |         |          |         |         |         |        |        |        |
|--------------------|--|---------|----------|---------|---------|---------|--------|--------|--------|
|                    | <b>LABORATORY ADDRESSES</b>  |         |          |         |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;">LOG-22</td> </tr> <tr> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> | BAG-01  | CRU-32   | CRU-QC  | LOG-22  | PUL-35a | PUL-QC | SPL-21 | WEI-21 |
| BAG-01             | CRU-32   | CRU-QC  | LOG-22   |         |         |         |        |        |        |
| PUL-35a            | PUL-QC   | SPL-21  | WEI-21   |         |         |         |        |        |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">ME-ICP41</td> <td style="width: 33%;">Pb-AA62</td> <td style="width: 15%;">Zn-AA62</td> </tr> </table>  | Au-AA24 | ME-ICP41 | Pb-AA62 | Zn-AA62 |         |        |        |        |
| Au-AA24            | ME-ICP41   | Pb-AA62 | Zn-AA62  |         |         |         |        |        |        |



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 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

Page: 1  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 26-SEP-2016  
 Account: SKERES

**CERTIFICATE KL16155616**

Project: Spectrum  
 P.O. No.: SP-R16-11  
 This report is for 1 Rock sample submitted to our lab in Kamloops, BC, Canada on 15-SEP-2016.  
 The following have access to data associated with this certificate:

|  |                              |                                |
|--|------------------------------|--------------------------------|
| PAUL BAXTER<br>RAEGAN MARKEL<br>JOHN TYLER | MIKE CATHRO<br>COLIN RUSSELL | GRAHAM GILES<br>JACQUES STACEY |
|--|------------------------------|--------------------------------|

| SAMPLE PREPARATION |                                |
|--------------------|--------------------------------|
| ALS CODE           | DESCRIPTION                    |
| WEI-21             | Received Sample Weight         |
| LOG-22             | Sample login - Rcd w/o BarCode |
| CRU-QC             | Crushing QC Test               |
| PUL-QC             | Pulverizing QC Test            |
| CRU-32             | Fine Crushing 90% <2mm         |
| SPL-21             | Split sample - riffle splitter |
| PUL-35a            | Pulv 1 kg split to 95%<106 um  |
| BAG-01             | Bulk Master for Storage        |

| ANALYTICAL PROCEDURES |                               |            |
|-----------------------|-------------------------------|------------|
| ALS CODE              | DESCRIPTION                   | INSTRUMENT |
| ME-ICP41              | 35 Element Aqua Regia ICP-AES | ICP-AES    |
| Au-AA24               | Au 50g FA AA finish           | AAS        |

To: SKEENA RESOURCES  
 ATTN: JOHN TYLER  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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To: SKEENA RESOURCES  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 26-SEP-2016  
 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16155616**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg | Au-AA24<br>Au<br>g/t | ME-ICP41<br>Ag<br>ppm | ME-ICP41<br>Al<br>% | ME-ICP41<br>As<br>ppm | ME-ICP41<br>B<br>ppm | ME-ICP41<br>Ba<br>ppm | ME-ICP41<br>Be<br>ppm | ME-ICP41<br>Bi<br>ppm | ME-ICP41<br>Ca<br>% | ME-ICP41<br>Cd<br>ppm | ME-ICP41<br>Co<br>ppm | ME-ICP41<br>Cr<br>ppm | ME-ICP41<br>Cu<br>ppm | ME-ICP41<br>Fe<br>% |
|--------------------|-----------------------------------|---------------------------|----------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|
| S794480            |                                   | 1.20                      | <0.005               | <0.2                  | 0.40                | 4                     | <10                  | 60                    | <0.5                  | <2                    | 3.78                | <0.5                  | 6                     | 1                     | 34                    | 3.58                |

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



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 VANCOUVER BC V6E 0C3

Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 26-SEP-2016  
 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16155616**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41<br>Ga<br>ppm<br>10 | ME-ICP41<br>Hg<br>ppm<br>1 | ME-ICP41<br>K<br>%<br>0.01 | ME-ICP41<br>La<br>ppm<br>10 | ME-ICP41<br>Mg<br>%<br>0.01 | ME-ICP41<br>Mn<br>ppm<br>5 | ME-ICP41<br>Mo<br>ppm<br>1 | ME-ICP41<br>Na<br>%<br>0.01 | ME-ICP41<br>Ni<br>ppm<br>1 | ME-ICP41<br>P<br>ppm<br>10 | ME-ICP41<br>Pb<br>ppm<br>2 | ME-ICP41<br>S<br>%<br>0.01 | ME-ICP41<br>Sb<br>ppm<br>2 | ME-ICP41<br>Sc<br>ppm<br>1 | ME-ICP41<br>Sr<br>ppm<br>1 |
|--------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| S794480            |                                   | <10                         | <1                         | 0.20                       | 10                          | 0.43                        | 1535                       | <1                         | 0.05                        | 2                          | 1880                       | 4                          | 0.09                       | <2                         | 8                          | 82                         |

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



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 VANCOUVER BC V6E 0C3

Page: 2 - C  
 Total # Pages: 2 (A - C)  
 Plus Appendix Pages  
 Finalized Date: 26-SEP-2016  
 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS KL16155616**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-ICP41<br>Th<br>ppm<br>20 | ME-ICP41<br>Ti<br>%<br>0.01 | ME-ICP41<br>Ti<br>ppm<br>10 | ME-ICP41<br>U<br>ppm<br>10 | ME-ICP41<br>V<br>ppm<br>1 | ME-ICP41<br>W<br>ppm<br>10 | ME-ICP41<br>Zn<br>ppm<br>2 |
|--------------------|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| S794480            |                                   | <20                         | 0.01                        | <10                         | <10                        | 71                        | <10                        | 52                         |

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



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To: SKEENA RESOURCES  
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 VANCOUVER BC V6E 0C3

Page: Appendix 1  
 Total # Appendix Pages: 1  
 Finalized Date: 26-SEP-2016  
 Account: SKERES

Project: Spectrum

|  |
|--|
| <b>CERTIFICATE OF ANALYSIS    KL16155616</b> |
|--|

|  |                             |
|--|-----------------------------|
|  | <b>CERTIFICATE COMMENTS</b> |
|--|-----------------------------|

|                    | <b>LABORATORY ADDRESSES</b>   |         |          |        |  |  |         |        |        |  |        |  |  |  |  |        |
|--------------------|---|---------|----------|--------|--|--|---------|--------|--------|--|--------|--|--|--|--|--------|
| Applies to Method: | <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BAG-01</td> <td style="width: 33%;">CRU-32</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>PUL-35a</td> <td>PUL-QC</td> <td>SPL-21</td> <td></td> <td>LOG-22</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>WEI-21</td> </tr> </table> | BAG-01  | CRU-32   | CRU-QC |  |  | PUL-35a | PUL-QC | SPL-21 |  | LOG-22 |  |  |  |  | WEI-21 |
| BAG-01             | CRU-32  | CRU-QC  |          |        |  |  |         |        |        |  |        |  |  |  |  |        |
| PUL-35a            | PUL-QC  | SPL-21  |          | LOG-22 |  |  |         |        |        |  |        |  |  |  |  |        |
|                    |   |         |          | WEI-21 |  |  |         |        |        |  |        |  |  |  |  |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-AA24</td> <td style="width: 33%;">ME-ICP41</td> <td style="width: 33%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> </table>   | Au-AA24 | ME-ICP41 |        |  |  |         |        |        |  |        |  |  |  |  |        |
| Au-AA24            | ME-ICP41  |         |          |        |  |  |         |        |        |  |        |  |  |  |  |        |

15j: 2015,2016 Specific Gravity Analytical Certificates

## 2015 Specific Gravity Analytical Certificates



Date Submitted: 17-Jul-15
Invoice No.: A15-05446-SG
Invoice Date: 10-Dec-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

31 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT A15-05446-SG

Code Sieve Report-Kamloops-Internal Sieve Report
Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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:

[Signature]

Emmanuel Esemé, Ph.D.
Quality Control





**Date Submitted:** 17-Jul-15  
**Invoice No.:** A15-05446-SG  
**Invoice Date:** 10-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

31 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-05446-SG**

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Notes:

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If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé, Ph.D.  
Quality Control





**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5039403        | 2.87         |
| 5039404        | 2.52         |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



Date Submitted: 24-Jul-15
Invoice No.: A15-05693 (i)
Invoice Date: 09-Dec-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

110 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT A15-05693 (i)

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)
Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g
Code Sieve Report-Kamloops-Internal Sieve Report
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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:

[Signature]

Emmanuel Esemé, Ph.D.
Quality Control





**Date Submitted:** 24-Jul-15  
**Invoice No.:** A15-05693 (i)  
**Invoice Date:** 09-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

110 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT **A15-05693 (i)**

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.

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If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé, Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Au      | Au      | Spec Grav |
|----------------|---------|---------|-----------|
| Unit Symbol    | ppb     | g/tonne | -         |
| Lower Limit    | 5       | 0.02    | 0.01      |
| Method Code    | FA-AA   | FA-GRA  | GRAV      |
| 5039053        | 4760    |         | 2.89      |
| 5039083        |         |         | 2.84      |
| 5039463        | > 10000 | 17.9    |           |

## QC

| Analyte Symbol     | Au       | Au      | Spec Grav |
|--------------------|----------|---------|-----------|
| Unit Symbol        | ppb      | g/tonne | -         |
| Lower Limit        | 5        | 0.02    | 0.01      |
| Method Code        | FA-AA    | FA-GRA  | GRAV      |
| OxP 91 Meas        |          | 14.5    |           |
| OxP 91 Cert        |          | 14.82   |           |
| OxQ90 Meas         |          | 24.6    |           |
| OxQ90 Cert         |          | 24.88   |           |
| SF67 Meas          | 868      |         |           |
| SF67 Cert          | 835.000  |         |           |
| SF67 Meas          | 796      |         |           |
| SF67 Cert          | 835.000  |         |           |
| OxL118 Meas        | 5630     |         |           |
| OxL118 Cert        |          |         |           |
|                    | 5828.000 |         |           |
| OxL118 Meas        | 5620     |         |           |
| OxL118 Cert        |          |         |           |
|                    | 5828.000 |         |           |
| Cleaning Sand Meas |          |         | 2.61      |
| Cleaning Sand Cert |          |         | 2.61      |
| Method Blank       | < 5      |         |           |
| Method Blank       | < 5      |         |           |
| Method Blank       | < 5      |         |           |
| Method Blank       |          | < 0.02  |           |
| Method Blank       |          |         | < 0.01    |
| Method Blank       |          |         | < 0.01    |



**Date Submitted:** 24-Jul-15  
**Invoice No.:** A15-05694-SG  
**Invoice Date:** 07-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

116 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-05694-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 24-Jul-15  
**Invoice No.:** A15-05694-SG  
**Invoice Date:** 07-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

116 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT **A15-05694-SG**

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If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé, Ph.D.  
Quality Control





**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5039435        | 2.79      |
| 5041271        | 2.75      |
| 5041285        | 2.67      |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.57      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



Date Submitted: 24-Jul-15
Invoice No.: A15-05696 (i)
Invoice Date: 10-Dec-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

108 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT A15-05696 (i)

Code Sieve Report-Kamloops-Internal Sieve Report
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)
Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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:

[Signature]

Emmanuel Esemé, Ph.D.
Quality Control





**Date Submitted:** 24-Jul-15  
**Invoice No.:** A15-05696 (i)  
**Invoice Date:** 10-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

108 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT **A15-05696 (i)**

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:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé, Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au      | Au      | Spec Grav |
|----------------|---------|---------|-----------|
| Unit Symbol    | ppb     | g/tonne | -         |
| Lower Limit    | 5       | 0.02    | 0.01      |
| Method Code    | FA-AA   | FA-GRA  | GRAV      |
| 5041333        | 5110    |         | 2.74      |
| 5041334        |         |         | 2.77      |
| 5041342        |         |         | 2.80      |
| 5041348        |         |         | 2.80      |
| 5041354        | 417     |         |           |
| 5041358        | 364     |         |           |
| 5041361        |         |         | 2.76      |
| 5041362        |         |         | 2.81      |
| 5041373        | 311     |         |           |
| 5041376        |         |         | 2.58      |
| 5041378        |         |         | 2.68      |
| 5041381        | > 10000 | 10.6    | 2.82      |
| 5041382        |         |         |           |
| 5041384        | > 10000 |         | 2.95      |
| 5041386        | > 10000 | 4.50    | 2.74      |
| 5041388        |         |         | 2.80      |
| 5041391        |         |         | 2.80      |
| 5041403        | > 10000 | 1.61    |           |
| 5041423        | > 10000 |         | 2.78      |
| 5041428        | 178     |         |           |
| 5041433        | 7360    |         |           |
| 5041435        | 743     |         |           |

## QC

| Analyte Symbol     | Au      | Spec Grav | Au       |
|--------------------|---------|-----------|----------|
| Unit Symbol        | g/tonne | -         | ppb      |
| Lower Limit        | 0.02    | 0.01      | 5        |
| Method Code        | FA-GRA  | GRAV      | FA-AA    |
| OxP 91 Meas        | 14.9    |           |          |
| OxP 91 Cert        | 14.82   |           |          |
| OxP 91 Meas        | 14.5    |           |          |
| OxP 91 Cert        | 14.82   |           |          |
| OxQ90 Meas         | 24.6    |           |          |
| OxQ90 Cert         | 24.88   |           |          |
| SF67 Meas          |         |           | 868      |
| SF67 Cert          |         |           | 835.000  |
| SF67 Meas          |         |           | 796      |
| SF67 Cert          |         |           | 835.000  |
| SG66 Meas          |         |           | 1050     |
| SG66 Cert          |         |           | 1090     |
| OxL118 Meas        | 5.64    |           | 5980     |
| OxL118 Cert        | 5.828   |           | 5828.000 |
| OxL118 Meas        |         |           | 5630     |
| OxL118 Cert        |         |           | 5828.000 |
| OxL118 Meas        |         |           | 5620     |
| OxL118 Cert        |         |           | 5828.000 |
| Cleaning Sand Meas |         | 2.61      |          |
| Cleaning Sand Cert |         | 2.61      |          |
| Cleaning Sand Meas |         | 2.57      |          |
| Cleaning Sand Cert |         | 2.61      |          |
| Method Blank       |         |           | < 5      |
| Method Blank       |         |           | < 5      |
| Method Blank       |         |           | < 5      |
| Method Blank       | < 0.02  |           |          |
| Method Blank       |         |           | < 5      |
| Method Blank       |         | < 0.01    |          |
| Method Blank       |         |           | < 5      |
| Method Blank       |         | < 0.01    |          |
| Method Blank       |         | < 0.01    |          |



**Date Submitted:** 24-Jul-15  
**Invoice No.:** A15-05697 (i)  
**Invoice Date:** 09-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

28 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-05697 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 24-Jul-15  
**Invoice No.:** A15-05697 (i)  
**Invoice Date:** 09-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

28 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-05697 (i)**

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Results**

| Analyte Symbol | Au    | Spec Grav |
|----------------|-------|-----------|
| Unit Symbol    | ppb   | -         |
| Lower Limit    | 5     | 0.01      |
| Method Code    | FA-AA | GRAV      |
| 5039635        | 295   |           |
| 5039641        |       | 2.86      |
| 5039647        | 707   |           |
| 5039651        |       | 2.80      |

## QC

| Analyte Symbol     | Au       | Spec Grav |
|--------------------|----------|-----------|
| Unit Symbol        | ppb      | -         |
| Lower Limit        | 5        | 0.01      |
| Method Code        | FA-AA    | GRAV      |
| SF67 Meas          | 868      |           |
| SF67 Cert          | 835.000  |           |
| SF67 Meas          | 796      |           |
| SF67 Cert          | 835.000  |           |
| OxL118 Meas        | 5630     |           |
| OxL118 Cert        | 5828.000 |           |
| OxL118 Meas        | 5620     |           |
| OxL118 Cert        | 5828.000 |           |
| Cleaning Sand Meas |          | 2.61      |
| Cleaning Sand Cert |          | 2.61      |
| 5039635 Orig       | 306      |           |
| 5039635 Dup        | 284      |           |
| 5039651 Orig       |          | 2.81      |
| 5039651 Dup        |          | 2.78      |
| Method Blank       | < 5      |           |
| Method Blank       | < 5      |           |
| Method Blank       | < 5      |           |
| Method Blank       |          | < 0.01    |
| Method Blank       |          | < 0.01    |



**Date Submitted:** 28-Jul-15  
**Invoice No.:** A15-05850 (i)  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

174 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-05850 (i)**

Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé, Ph.D.  
Quality Control





**Date Submitted:** 28-Jul-15  
**Invoice No.:** A15-05850 (i)  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

174 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT **A15-05850 (i)**

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé, Ph.D.  
Quality Control



Results

| Analyte Symbol | Au      | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Au      | Spec Grav |
|----------------|---------|---------------|-------------------|-------------------|----------|------------|------------|--------------|---------|-----------|
| Unit Symbol    | ppb     | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | g/tonne | -         |
| Lower Limit    | 5       | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.02    | 0.01      |
| Method Code    | FA-AA   | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | FA-GRA  | GRAV      |
| 5039516        | 635     |               |                   |                   |          |            |            |              |         |           |
| 5039518        | 3270    |               |                   |                   |          |            |            |              |         |           |
| 5039519        | 709     |               |                   |                   |          |            |            |              |         |           |
| 5039521        | 373     |               |                   |                   |          |            |            |              |         |           |
| 5039522        |         |               |                   |                   |          |            |            |              |         | 2.81      |
| 5039523        | > 10000 |               |                   |                   |          |            |            |              | 20.8    |           |
| 5039524        | 369     |               |                   |                   |          |            |            |              |         | 2.35      |
| 5039525        | 6290    |               |                   |                   |          |            |            |              |         |           |
| 5039532        | 636     |               |                   |                   |          |            |            |              |         |           |
| 5039536        | 3850    |               |                   |                   |          |            |            |              |         | 2.72      |
| 5039541        | 1310    |               |                   |                   |          |            |            |              |         |           |
| 5039683        | 4450    |               |                   |                   |          |            |            |              |         | 3.65      |
| 5039684        | 2220    |               |                   |                   |          |            |            |              |         |           |
| 5039685        | > 10000 |               |                   |                   |          |            |            |              | 13.1    |           |
| 5039687        |         |               |                   |                   |          |            |            |              |         | 3.29      |
| 5039706        |         | 17.8          | 2.34              | 2.35              | 2.78     | 22.85      | 774.00     | 796.85       |         |           |
| 5039707        |         | 5.52          | 1.93              | 1.65              | 1.94     | 35.87      | 884.00     | 919.87       |         | 2.80      |
| 5039708        |         | 4.33          | 1.37              | 1.39              | 1.51     | 34.39      | 786.00     | 820.39       |         |           |
| 5039737        |         | 3.14          | 0.40              | 0.61              | 0.69     | 46.76      | 604.00     | 650.76       |         |           |
| 5039738        |         | 1.14          | 1.65              | 1.66              | 1.64     | 30.73      | 800.00     | 830.73       |         |           |
| 5039739        |         | 409           | 21.7              | 21.7              | 31.3     | 19.62      | 774.00     | 793.62       |         | 2.90      |
| 5039741        |         | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 43.01      | 876.00     | 919.01       |         |           |
| 5039742        |         | 1.29          | 1.04              | 0.99              | 1.03     | 32.44      | 890.00     | 922.44       |         |           |
| 5041501        |         |               |                   |                   |          |            |            |              |         | 2.78      |
| 5041513        |         | 0.78          | 0.67              | 0.84              | 0.76     | 28.66      | 720.00     | 748.66       |         |           |
| 5041514        |         |               |                   |                   |          |            |            |              |         | 3.24      |
| 5041515        |         | 10.9          | 1.62              | 1.61              | 2.09     | 41.37      | 762.00     | 803.37       |         | 2.74      |
| 5041516        |         | 1.92          | 0.96              | 1.01              | 1.02     | 26.05      | 690.00     | 716.05       |         |           |
| 5041531        |         | 155           | 16.7              | 15.7              | 24.0     | 32.60      | 554.00     | 586.60       |         |           |
| 5041532        |         | 178           | 23.4              | 26.5              | 28.9     | 26.88      | 1004.0     | 1030.9       |         | 2.72      |
| 5041533        |         | < 0.07        | < 0.07            | 0.07              | < 0.07   | 36.99      | 812.00     | 848.99       |         |           |
| 5041534        |         | 0.31          | 0.36              | 0.20              | 0.28     | 43.42      | 846.00     | 889.42       |         |           |
| 5041547        |         | 2.52          | < 0.07            | < 0.07            | 0.13     | 32.82      | 784.00     | 816.82       |         |           |
| 5041549        |         | 84.8          | 2.60              | 1.68              | 5.83     | 41.14      | 880.00     | 921.14       |         | 2.75      |
| 5041551        |         | 0.67          | 0.79              | 0.80              | 0.79     | 31.79      | 708.00     | 739.79       |         |           |
| 5041561        |         | 0.69          | 0.17              | 0.13              | 0.17     | 26.63      | 616.00     | 642.63       |         |           |
| 5041562        |         | 13.4          | 1.75              | 1.87              | 2.29     | 29.04      | 670.00     | 699.04       |         |           |
| 5041563        |         | 30.2          | 3.16              | 3.89              | 4.81     | 31.91      | 630.00     | 661.91       |         |           |
| 5041564        |         | 0.24          | 0.10              | 0.13              | 0.12     | 38.80      | 756.00     | 794.80       |         |           |

QC

| Analyte Symbol     | Total Au | Total Weight | Au      | Spec Grav | Au       |
|--------------------|----------|--------------|---------|-----------|----------|
| Unit Symbol        | g/mt     | g            | g/tonne | -         | ppb      |
| Lower Limit        | 0.07     |              | 0.02    | 0.01      | 5        |
| Method Code        | FA-MeT   | FA-MeT       | FA-GRA  | GRAV      | FA-AA    |
| OxP 91 Meas        | 14.8     |              |         |           |          |
| OxP 91 Cert        | 14.82    |              |         |           |          |
| OxP 91 Meas        | 14.8     |              | 14.5    |           |          |
| OxP 91 Cert        | 14.82    |              | 14.82   |           |          |
| OxP 91 Meas        | 14.8     |              |         |           |          |
| OxP 91 Cert        | 14.82    |              |         |           |          |
| OxP 91 Meas        | 14.7     |              |         |           |          |
| OxP 91 Cert        | 14.82    |              |         |           |          |
| OxP 91 Meas        | 14.7     |              |         |           |          |
| OxP 91 Cert        | 14.82    |              |         |           |          |
| OxQ90 Meas         | 24.2     |              |         |           |          |
| OxQ90 Cert         | 24.88    |              |         |           |          |
| OxQ90 Meas         | 24.8     |              | 24.6    |           |          |
| OxQ90 Cert         | 24.88    |              | 24.88   |           |          |
| OxQ90 Meas         | 25.1     |              |         |           |          |
| OxQ90 Cert         | 24.88    |              |         |           |          |
| OxQ90 Meas         | 25.1     |              |         |           |          |
| OxQ90 Cert         | 24.88    |              |         |           |          |
| OxQ90 Meas         | 24.4     |              |         |           |          |
| OxQ90 Cert         | 24.88    |              |         |           |          |
| SF67 Meas          |          |              |         |           | 868      |
| SF67 Cert          |          |              |         |           | 835.000  |
| SF67 Meas          |          |              |         |           | 796      |
| SF67 Cert          |          |              |         |           | 835.000  |
| SG66 Meas          |          |              |         |           | 1050     |
| SG66 Cert          |          |              |         |           | 1090     |
| OxL118 Meas        |          |              |         |           | 5980     |
| OxL118 Cert        |          |              |         |           | 5828.000 |
| OxL118 Meas        |          |              |         |           | 5630     |
| OxL118 Cert        |          |              |         |           | 5828.000 |
| OxL118 Meas        |          |              |         |           | 5620     |
| OxL118 Cert        |          |              |         |           | 5828.000 |
| Cleaning Sand Meas |          |              |         | 2.58      |          |
| Cleaning Sand Cert |          |              |         | 2.61      |          |
| Cleaning Sand Meas |          |              |         | 2.61      |          |
| Cleaning Sand Cert |          |              |         | 2.61      |          |
| Cleaning Sand Meas |          |              |         | 2.64      |          |
| Cleaning Sand Cert |          |              |         | 2.61      |          |
| Cleaning Sand Meas |          |              |         | 2.61      |          |
| Cleaning Sand Cert |          |              |         | 2.61      |          |
| Cleaning Sand Meas |          |              |         | 2.57      |          |
| Cleaning Sand Cert |          |              |         | 2.61      |          |
| 5039684 Orig       |          |              |         |           | 2120     |
| 5039684 Dup        |          |              |         |           | 2320     |
| Method Blank       |          |              |         |           | < 5      |
| Method Blank       |          |              |         |           | < 5      |

| Analyte Symbol | Total Au | Total Weight | Au      | Spec Grav | Au    |
|----------------|----------|--------------|---------|-----------|-------|
| Unit Symbol    | g/mt     | g            | g/tonne | -         | ppb   |
| Lower Limit    | 0.07     |              | 0.02    | 0.01      | 5     |
| Method Code    | FA-MeT   | FA-MeT       | FA-GRA  | GRAV      | FA-AA |
| Method Blank   |          |              |         |           | < 5   |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   | < 0.07   |              |         |           |       |
| Method Blank   |          |              | < 0.02  |           |       |
| Method Blank   |          |              |         | < 0.01    |       |
| Method Blank   |          |              |         |           | < 5   |
| Method Blank   |          |              |         | < 0.01    |       |
| Method Blank   |          |              |         | < 0.01    |       |
| Method Blank   |          |              |         | < 0.01    |       |
| Method Blank   |          |              |         | < 0.01    |       |
| Method Blank   |          |              |         | < 0.01    |       |



**Date Submitted:** 28-Jul-15  
**Invoice No.:** A15-05851 (i)  
**Invoice Date:** 09-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

84 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-05851 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control







**Date Submitted:** 28-Jul-15  
**Invoice No.:** A15-05851 (i)  
**Invoice Date:** 09-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

84 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-05851 (i)**

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Notes:

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

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5039658        |               |                   |                   |          |            |            |              | 2.84      |
| 5041453        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 39.13      | 832.00     | 871.13       |           |
| 5041454        | 2.97          | 2.14              | 2.07              | 2.15     | 37.11      | 800.00     | 837.11       | 2.82      |
| 5041455        | 1.56          | 0.07              | < 0.07            | 0.12     | 42.55      | 888.00     | 930.55       |           |

## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 24.2     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 04-Aug-15  
**Invoice No.:** A15-06108  
**Invoice Date:** 09-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

67 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-06108**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 04-Aug-15  
**Invoice No.:** A15-06108  
**Invoice Date:** 09-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

67 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06108**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5039553        |               |                   |                   |          |            |            |              | 2.69      |
| 5039613        |               |                   |                   |          |            |            |              | 2.74      |
| 5039758        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 40.28      | 844.00     | 884.28       |           |
| 5039759        |               |                   |                   |          |            |            |              | 2.85      |
| 5039762        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 36.32      | 802.00     | 838.32       |           |
| 5039782        |               |                   |                   |          |            |            |              | 2.76      |
| 5039787        |               |                   |                   |          |            |            |              | 2.75      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 24.2     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.8     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 04-Aug-15  
**Invoice No.:** A15-06111-SG  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

129 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-06111-SG**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g  
Code Sieve Report-Kamloops-Internal Sieve Report

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:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control







**Date Submitted:** 04-Aug-15  
**Invoice No.:** A15-06111-SG  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

129 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06111-SG**

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:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5039579        | 2.79      |
| 5039581        | 2.68      |
| 5040144        | 3.03      |
| 5040147        | 3.23      |
| 5040151        | 2.63      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.58      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.57      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 05-Aug-15  
**Invoice No.:** A15-06210 (i)  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

81 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

REPORT      **A15-06210 (i)**

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:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 05-Aug-15  
**Invoice No.:** A15-06210 (i)  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

81 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06210 (i)**

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:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

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

Emmanuel Esemé, Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5040271        |               |                   |                   |          |            |            |              | 2.83      |
| 5040273        |               |                   |                   |          |            |            |              | 2.83      |
| 5039859        | 0.23          | 0.40              | 0.47              | 0.42     | 48.51      | 760.00     | 808.51       |           |
| 5039861        | 13.6          | 2.86              | 2.74              | 3.18     | 33.66      | 914.00     | 947.66       | 2.69      |
| 5039862        | 1.65          | 0.81              | 0.82              | 0.86     | 39.68      | 766.00     | 805.68       |           |
| 5039927        |               |                   |                   |          |            |            |              | 2.69      |
| 5039934        | 32.8          | 1.21              | 1.76              | 2.84     | 33.58      | 742.00     | 775.58       | 2.70      |
| 5039935        | 91.8          | 9.36              | 9.03              | 13.4     | 36.49      | 679.00     | 715.49       |           |
| 5039936        | 65.9          | 3.73              | 4.24              | 7.49     | 37.46      | 624.00     | 661.46       | 2.72      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 24.3     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.2     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.8     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 07-Aug-15  
**Invoice No.:** A15-06278 (i)  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

125 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06278 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control







**Date Submitted:** 07-Aug-15  
**Invoice No.:** A15-06278 (i)  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

125 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-06278 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5039959        |               |                   |                   |          |            |            |              | 3.30      |
| 5039868        | 11.7          | 2.97              | 2.81              | 3.26     | 31.75      | 728.00     | 759.75       | 2.66      |
| 5039869        | 1270          | 33.9              | 34.0              | 78.9     | 32.51      | 858.00     | 890.51       |           |
| 5039871        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 41.08      | 836.00     | 877.08       | 2.67      |
| 5039872        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 31.04      | 564.00     | 595.04       |           |
| 5039873        | 2.53          | 0.95              | 0.87              | 0.98     | 43.57      | 1002.0     | 1045.6       |           |
| 5039994        |               |                   |                   |          |            |            |              | 2.81      |



| Analyte Symbol | Total Au | Total Weight | Spec Grav |
|----------------|----------|--------------|-----------|
| Unit Symbol    | g/mt     | g            | -         |
| Lower Limit    | 0.07     |              | 0.01      |
| Method Code    | FA-MeT   | FA-MeT       | GRAV      |
| Method Blank   | < 0.07   |              |           |
| Method Blank   | < 0.07   |              |           |
| Method Blank   |          |              | < 0.01    |
| Method Blank   |          |              | < 0.01    |
| Method Blank   |          |              | < 0.01    |
| Method Blank   |          |              | < 0.01    |
| Method Blank   |          |              | < 0.01    |
| Method Blank   |          |              | < 0.01    |



**Date Submitted:** 07-Aug-15  
**Invoice No.:** A15-06279-SG  
**Invoice Date:** 14-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

43 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06279-SG**

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





Date Submitted: 07-Aug-15
Invoice No.: A15-06279-SG
Invoice Date: 14-Dec-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

43 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)
Code Sieve Report-Kamloops-Internal Sieve Report

REPORT A15-06279-SG

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction. Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control



**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5040023        | 2.75         |
| 5040027        | 2.79         |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.58      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| 5040027 Orig       | 2.79      |
| 5040027 Dup        | 2.79      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |





**Date Submitted:** 11-Aug-15  
**Invoice No.:** A15-06431 (i)  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

111 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-06431 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 11-Aug-15  
**Invoice No.:** A15-06431 (i)  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

111 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06431 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5040073        |               |                   |                   |          |            |            |              | 2.84      |
| 5040076        |               |                   |                   |          |            |            |              | 2.73      |
| 5040105        | 0.16          | < 0.07            | 0.14              | 0.09     | 45.41      | 810.00     | 855.41       |           |
| 5040106        | 1.73          | 2.04              | 1.90              | 1.96     | 30.12      | 666.00     | 696.12       |           |
| 5040107        | 12.6          | 0.47              | 0.17              | 0.77     | 38.17      | 1000.0     | 1038.2       |           |
| 5040108        | 46.2          | 2.47              | 2.71              | 5.32     | 37.90      | 568.00     | 605.90       | 2.73      |
| 5040109        | 1.34          | < 0.07            | < 0.07            | < 0.07   | 38.84      | 808.00     | 846.84       |           |
| 5040111        | 13.9          | 0.94              | 0.75              | 1.47     | 34.94      | 700.00     | 734.94       |           |
| 5040112        | 3.88          | 0.96              | 0.98              | 1.13     | 43.14      | 740.00     | 783.14       |           |
| 5040113        | 90.5          | 1.90              | 2.33              | 5.52     | 28.63      | 714.00     | 742.63       |           |
| 5040114        | 142           | 3.39              | 3.06              | 9.07     | 37.66      | 854.00     | 891.66       |           |
| 5040116        | 0.08          | 0.20              | 0.13              | 0.16     | 48.25      | 594.00     | 642.25       |           |
| 5040117        | 6.32          | 0.60              | 0.70              | 0.79     | 21.63      | 844.00     | 865.63       |           |
| 5041647        | 0.56          | 0.73              | 0.66              | 0.69     | 52.72      | 934.00     | 986.72       |           |
| 5041648        | 12.8          | 6.30              | 7.12              | 6.89     | 31.12      | 1006.0     | 1037.1       | 2.68      |
| 5041649        | 0.20          | < 0.07            | < 0.07            | < 0.07   | 35.03      | 572.00     | 607.03       |           |
| 5041651        | 0.37          | 0.40              | 0.30              | 0.35     | 49.74      | 516.00     | 565.74       |           |
| 5041652        | 0.08          | 0.07              | 0.10              | 0.08     | 38.20      | 658.00     | 696.20       |           |
| 5041656        |               |                   |                   |          |            |            |              | 2.85      |
| 5041674        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 17.94      | 640.00     | 657.94       |           |
| 5041676        | 4.27          | < 0.07            | < 0.07            | 0.20     | 35.81      | 888.00     | 923.81       |           |

QC

| Analyte Symbol     | Total Au | Total Weight | Au + 100 mesh | Spec Grav |
|--------------------|----------|--------------|---------------|-----------|
| Unit Symbol        | g/mt     | g            | g/mt          | -         |
| Lower Limit        | 0.07     |              | 0.07          | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | FA-MeT        | GRAV      |
| OxP 91 Meas        | 15.0     |              |               |           |
| OxP 91 Cert        | 14.82    |              |               |           |
| OxP 91 Meas        | 14.7     |              |               |           |
| OxP 91 Cert        | 14.82    |              |               |           |
| OxP 91 Meas        | 14.8     |              |               |           |
| OxP 91 Cert        | 14.82    |              |               |           |
| OxP 91 Meas        | 14.8     |              |               |           |
| OxP 91 Cert        | 14.82    |              |               |           |
| OxP 91 Meas        | 14.8     |              |               |           |
| OxP 91 Cert        | 14.82    |              |               |           |
| OxP 91 Meas        | 14.7     |              |               |           |
| OxP 91 Cert        | 14.82    |              |               |           |
| OxP 91 Meas        | 14.7     |              |               |           |
| OxP 91 Cert        | 14.82    |              |               |           |
| OxQ90 Meas         | 24.3     |              |               |           |
| OxQ90 Cert         | 24.88    |              |               |           |
| OxQ90 Meas         | 24.4     |              |               |           |
| OxQ90 Cert         | 24.88    |              |               |           |
| OxQ90 Meas         | 24.2     |              |               |           |
| OxQ90 Cert         | 24.88    |              |               |           |
| OxQ90 Meas         | 24.8     |              |               |           |
| OxQ90 Cert         | 24.88    |              |               |           |
| OxQ90 Meas         | 25.1     |              |               |           |
| OxQ90 Cert         | 24.88    |              |               |           |
| OxQ90 Meas         | 25.1     |              |               |           |
| OxQ90 Cert         | 24.88    |              |               |           |
| OxQ90 Meas         | 24.4     |              |               |           |
| OxQ90 Cert         | 24.88    |              |               |           |
| Cleaning Sand Meas |          |              |               | 2.58      |
| Cleaning Sand Cert |          |              |               | 2.61      |
| Cleaning Sand Meas |          |              |               | 2.61      |
| Cleaning Sand Cert |          |              |               | 2.61      |
| Cleaning Sand Meas |          |              |               | 2.64      |
| Cleaning Sand Cert |          |              |               | 2.61      |
| Cleaning Sand Meas |          |              |               | 2.61      |
| Cleaning Sand Cert |          |              |               | 2.61      |
| Cleaning Sand Meas |          |              |               | 2.57      |
| Cleaning Sand Cert |          |              |               | 2.61      |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |
| Method Blank       | < 0.07   |              |               |           |

| Analyte Symbol | Total Au | Total Weight | Au + 100 mesh | Spec Grav |
|----------------|----------|--------------|---------------|-----------|
| Unit Symbol    | g/mt     | g            | g/mt          | -         |
| Lower Limit    | 0.07     |              | 0.07          | 0.01      |
| Method Code    | FA-MeT   | FA-MeT       | FA-MeT        | GRAV      |
| Method Blank   | < 0.07   |              |               |           |
| Method Blank   | < 0.07   |              |               |           |
| Method Blank   | < 0.07   |              |               |           |
| Method Blank   | < 0.07   |              |               |           |
| Method Blank   |          |              |               | < 0.01    |
| Method Blank   |          |              |               | < 0.01    |
| Method Blank   |          |              |               | < 0.01    |
| Method Blank   |          |              |               | < 0.01    |
| Method Blank   |          |              |               | < 0.01    |
| Method Blank   |          |              |               | < 0.01    |



**Date Submitted:** 12-Aug-15  
**Invoice No.:** A15-06459 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

78 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-06459 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 12-Aug-15  
**Invoice No.:** A15-06459 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

78 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06459 (i)**

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

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5041698        | 12.3          | 2.68              | 2.35              | 2.81     | 25.74      | 820.00     | 845.74       |           |
| 5041699        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 19.78      | 740.00     | 759.78       |           |
| 5041701        | 13.9          | 10.6              | 10.3              | 10.6     | 28.28      | 628.00     | 656.28       | 2.82      |
| 5041702        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 26.51      | 664.00     | 690.51       |           |
| 5041703        | < 0.07        | 0.10              | < 0.07            | 0.07     | 28.68      | 748.00     | 776.68       |           |
| 5041838        | 3.71          | 0.90              | 0.97              | 1.07     | 36.34      | 742.00     | 778.30       |           |
| 5041839        | 1.33          | 0.58              | 0.58              | 0.63     | 47.47      | 724.00     | 771.47       |           |
| 5041841        |               |                   |                   |          |            |            |              | 2.73      |
| 5041842        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 39.33      | 630.00     | 669.33       |           |
| 5041849        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 32.03      | 690.00     | 722.03       |           |
| 5041851        | 396           | 14.4              | 14.3              | 34.0     | 42.30      | 780.00     | 822.30       | 2.73      |
| 5041852        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 51.71      | 816.00     | 867.71       | 2.73      |
| 5041853        | 0.33          | 0.33              | 0.29              | 0.31     | 30.39      | 578.00     | 608.39       |           |
| 5041854        | 0.39          | 0.42              | 0.49              | 0.45     | 25.87      | 554.00     | 579.87       |           |
| 5041855        | 50.9          | 27.7              | 28.6              | 29.2     | 30.55      | 644.00     | 674.55       |           |
| 5041856        | 202           | 39.2              | 37.5              | 46.1     | 32.46      | 658.00     | 690.46       | 2.68      |



QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 25.0     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.6     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.2     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.7     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.3     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.2     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.8     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 13-Aug-15  
**Invoice No.:** A15-06546 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:**

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

168 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-06546 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 13-Aug-15  
**Invoice No.:** A15-06546 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:**

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

168 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06546 (i)**

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5041857        | 9.77          | 2.30              | 2.16              | 2.51     | 34.28      | 886.00     | 920.30       |           |
| 5041858        | 17.3          | 3.01              | 3.86              | 4.37     | 44.79      | 616.00     | 660.79       | 2.45      |
| 5041859        | 1.55          | 0.88              | 0.83              | 0.87     | 22.62      | 828.00     | 850.62       |           |
| 5041861        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 26.36      | 818.00     | 844.36       |           |
| 5041862        | 0.78          | 0.56              | 0.53              | 0.56     | 39.64      | 678.00     | 717.64       |           |
| 5041863        | 2.39          | 2.04              | 1.99              | 2.03     | 36.32      | 1106.0     | 1142.3       |           |
| 5041864        | 12.0          | 2.20              | 1.92              | 2.47     | 43.19      | 1006.0     | 1049.2       |           |
| 5040318        |               |                   |                   |          |            |            |              | 2.88      |
| 5040328        | 0.10          | 0.16              | 0.13              | 0.14     | 38.26      | 1054.0     | 1092.3       |           |
| 5040329        | 15.2          | 6.61              | 6.29              | 6.76     | 36.42      | 974.00     | 1010.4       | 2.76      |
| 5040331        | < 0.07        | 0.32              | 0.29              | 0.30     | 33.15      | 784.00     | 817.15       |           |
| 5040361        | < 0.07        | 0.10              | 0.10              | 0.10     | 31.77      | 602.00     | 633.77       |           |
| 5040362        | 5.67          | 1.01              | 1.07              | 1.25     | 24.34      | 494.00     | 518.34       |           |
| 5040363        | 0.35          | 0.13              | 0.13              | 0.14     | 34.59      | 890.00     | 924.59       |           |
| 5041905        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 28.39      | 820.00     | 848.39       |           |
| 5041906        | 1.61          | 2.88              | 2.66              | 2.73     | 32.30      | 902.00     | 934.30       | 2.82      |
| 5041907        | < 0.07        | 0.10              | < 0.07            | 0.08     | 33.28      | 820.00     | 853.28       |           |
| 5041921        | 0.47          | 0.23              | 0.20              | 0.22     | 38.00      | 1090.0     | 1128.0       |           |
| 5041922        | 0.24          | 0.30              | 0.26              | 0.28     | 28.78      | 812.00     | 840.78       |           |
| 5041923        | 0.74          | 1.41              | 1.28              | 1.32     | 31.21      | 942.00     | 973.21       |           |
| 5041924        | 31.5          | 13.3              | 13.3              | 14.1     | 30.84      | 656.00     | 686.84       | 2.77      |
| 5041925        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 29.90      | 756.00     | 785.90       |           |
| 5041926        | 0.32          | 0.27              | 0.30              | 0.28     | 43.41      | 730.00     | 773.40       |           |
| 5041928        |               |                   |                   |          |            |            |              | 2.86      |

QC

| Analyte Symbol | Total Au | Total Weight | Spec Grav |
|----------------|----------|--------------|-----------|
| Unit Symbol    | g/mt     | g            | -         |
| Lower Limit    | 0.07     |              | 0.01      |
| Method Code    | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas    | 15.0     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.5     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxQ90 Meas     | 24.3     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.4     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.0     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.6     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.2     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.7     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.1     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.1     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.3     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.2     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.8     |              |           |
| OxQ90 Cert     | 24.88    |              |           |

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   |              | < 0.01    |
| Method Blank       | < 0.07   |              | < 0.01    |
| Method Blank       | < 0.07   |              | < 0.01    |
| Method Blank       | < 0.07   |              | < 0.01    |
| Method Blank       | < 0.07   |              | < 0.01    |



**Date Submitted:** 13-Aug-15  
**Invoice No.:** A15-06549 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

171 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-06549 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control







**Date Submitted:** 13-Aug-15  
**Invoice No.:** A15-06549 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

171 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06549 (i)**

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Notes:

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5040395        | 0.76          | 1.17              | 1.09              | 1.12     | 30.10      | 936.00     | 966.10       | 2.77      |
| 5040396        | 4.10          | 1.28              | 1.39              | 1.46     | 45.14      | 975.00     | 1020.1       |           |
| 5040397        |               |                   |                   |          |            |            |              | 2.92      |
| 5040398        | 4.74          | 2.53              | 2.42              | 2.58     | 45.41      | 900.00     | 945.41       | 2.83      |
| 5040399        | 0.18          | 0.23              | 0.23              | 0.23     | 32.87      | 790.00     | 822.87       |           |
| 5040401        | 0.38          | 0.29              | 0.23              | 0.27     | 44.88      | 816.00     | 860.88       | 2.73      |
| 5042014        |               |                   |                   |          |            |            |              | 2.84      |
| 5041971        |               |                   |                   |          |            |            |              | 2.88      |
| 5041973        | 1.05          | 0.86              | 0.93              | 0.90     | 30.46      | 1028.0     | 1058.5       |           |
| 5041974        | 1.59          | 1.18              | 1.13              | 1.17     | 23.87      | 770.00     | 793.87       |           |
| 5041975        | 5.60          | 3.99              | 3.84              | 4.00     | 43.19      | 794.00     | 837.19       |           |
| 5041976        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 35.67      | 1066.0     | 1101.7       |           |
| 5041977        | 3.12          | 0.72              | 0.63              | 0.83     | 52.56      | 776.00     | 828.56       |           |
| 5041978        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 30.88      | 750.00     | 780.88       |           |
| 5042022        |               |                   |                   |          |            |            |              | 2.82      |
| 5042026        |               |                   |                   |          |            |            |              | 2.95      |
| 5042054        |               |                   |                   |          |            |            |              | 2.85      |
| 5041987        |               |                   |                   |          |            |            |              | 2.64      |
| 5042064        |               |                   |                   |          |            |            |              | 2.78      |



| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 18-Aug-15  
**Invoice No.:** A15-06772 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

167 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-06772 (i)**

Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 18-Aug-15  
**Invoice No.:** A15-06772 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

167 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06772 (i)**

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Notes:

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

CERTIFIED BY:

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Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5042075        |               |                   |                   |          |            |            |              | 2.75      |
| 5040417        |               |                   |                   |          |            |            |              | 3.00      |
| 5042089        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 45.66      | 1126.0     | 1171.7       |           |
| 5042091        | 14.9          | 4.50              | 4.23              | 4.70     | 35.59      | 1078.0     | 1113.6       |           |
| 5042092        | 0.69          | 0.36              | 0.36              | 0.38     | 46.07      | 906.00     | 952.07       |           |
| 5042093        | 9.82          | 0.63              | 0.71              | 0.92     | 30.36      | 1080.0     | 1110.4       |           |
| 5042121        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 33.27      | 882.00     | 915.30       |           |
| 5042122        | 22.5          | 2.88              | 3.10              | 3.81     | 42.51      | 978.00     | 1020.5       |           |
| 5042123        | 8.12          | 3.71              | 3.57              | 3.83     | 46.81      | 1014.0     | 1060.8       |           |
| 5042124        | 27.7          | 10.4              | 11.3              | 11.6     | 41.07      | 942.00     | 983.07       |           |
| 5042125        | 7.05          | 3.84              | 4.10              | 4.07     | 31.63      | 908.00     | 939.63       |           |
| 5042126        | 17.0          | 6.27              | 6.37              | 6.47     | 13.34      | 932.00     | 945.34       | 2.80      |
| 5042127        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 22.79      | 856.00     | 878.79       |           |
| 5040484        |               |                   |                   |          |            |            |              | 2.67      |
| 5040499        |               |                   |                   |          |            |            |              | 2.82      |





| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
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| Method Blank       |          |              | < 0.01    |
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| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 18-Aug-15  
**Invoice No.:** A15-06781 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

162 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06781 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL [Ancaster@actlabs.com](mailto:Ancaster@actlabs.com) ACTLABS GROUP WEBSITE [www.actlabs.com](http://www.actlabs.com)





**Date Submitted:** 18-Aug-15  
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Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

162 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-06781 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5040517        | 0.24          | 0.23              | 0.29              | 0.26     | 41.87      | 804.00     | 845.87       |           |
| 5040518        | 72.4          | 7.00              | 6.56              | 9.46     | 32.64      | 768.00     | 800.64       |           |
| 5040519        | 16.8          | 1.60              | 1.71              | 2.07     | 15.22      | 534.00     | 549.22       |           |
| 5040521        | < 0.07        | 0.10              | 0.10              | 0.10     | 31.06      | 634.00     | 665.10       |           |
| 5040522        | 92.4          | 5.21              | 5.31              | 8.68     | 31.46      | 770.00     | 801.46       | 2.58      |
| 5040523        | 9.16          | 1.16              | 1.14              | 1.42     | 34.06      | 972.00     | 1006.1       |           |
| 5040596        |               |                   |                   |          |            |            |              | 2.72      |

QC

| Analyte Symbol | Total Au | Total Weight | Spec Grav |
|----------------|----------|--------------|-----------|
| Unit Symbol    | g/mt     | g            | -         |
| Lower Limit    | 0.07     |              | 0.01      |
| Method Code    | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas    | 15.0     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.5     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxQ90 Meas     | 24.3     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.4     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.0     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.6     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.2     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.7     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.1     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.1     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.3     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.2     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.8     |              |           |
| OxQ90 Cert     | 24.88    |              |           |

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
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| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 18-Aug-15  
**Invoice No.:** A15-06782 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

127 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06782 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 18-Aug-15  
**Invoice No.:** A15-06782 (i)  
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Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

127 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-06782 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Emmanuel Esemé , Ph.D.  
Quality Control





## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5042159        |               |                   |                   |          |            |            |              | 2.76      |
| 5042172        | 0.13          | 0.16              | 0.16              | 0.16     | 37.95      | 866.00     | 904.00       |           |
| 5042173        | 0.08          | 0.13              | 0.16              | 0.14     | 47.88      | 908.00     | 955.90       |           |
| 5042174        | 12.6          | 3.81              | 4.11              | 4.40     | 48.30      | 908.00     | 956.30       |           |
| 5042175        | 0.38          | 0.20              | 0.20              | 0.20     | 33.85      | 954.00     | 987.85       |           |
| 5042176        | 3.59          | 1.26              | 1.45              | 1.42     | 30.07      | 970.00     | 1000.1       | 2.94      |
| 5040673        |               |                   |                   |          |            |            |              | 2.74      |
| 5040686        |               |                   |                   |          |            |            |              | 2.79      |
| 5042219        |               |                   |                   |          |            |            |              | 2.82      |



| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 21-Aug-15  
**Invoice No.:** A15-06878 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Jac Stacey

## CERTIFICATE OF ANALYSIS

135 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-06878 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





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Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Jac Stacey

## CERTIFICATE OF ANALYSIS

135 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06878 (i)**

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Notes:

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

CERTIFIED BY:

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Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5042251        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 35.13      | 912.00     | 947.13       |           |
| 5042252        | 283           | 3.56              | 3.25              | 16.7     | 35.99      | 720.00     | 755.99       | 2.73      |
| 5042254        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 45.15      | 744.00     | 789.15       |           |
| 5040748        |               |                   |                   |          |            |            |              | 2.92      |
| 5040765        |               |                   |                   |          |            |            |              | 2.97      |
| 5042269        | 0.47          | 0.26              | 0.26              | 0.27     | 31.55      | 988.00     | 1019.5       | 2.89      |
| 5042271        | 2.00          | < 0.07            | < 0.07            | 0.12     | 30.47      | 794.00     | 824.47       |           |
| 5042272        | 77.5          | 4.38              | 4.79              | 6.55     | 21.30      | 770.00     | 791.30       |           |
| 5042273        | 0.23          | 0.55              | 0.50              | 0.51     | 47.93      | 894.00     | 941.93       |           |
| 5042274        | 77.3          | 7.30              | 6.26              | 11.3     | 37.50      | 544.00     | 581.50       | 2.83      |
| 5042275        | 0.23          | 0.13              | 0.10              | 0.12     | 30.39      | 978.00     | 1008.4       |           |

QC

| Analyte Symbol | Total Au | Total Weight | Spec Grav |
|----------------|----------|--------------|-----------|
| Unit Symbol    | g/mt     | g            | -         |
| Lower Limit    | 0.07     |              | 0.01      |
| Method Code    | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas    | 15.0     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.5     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.8     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxP 91 Meas    | 14.7     |              |           |
| OxP 91 Cert    | 14.82    |              |           |
| OxQ90 Meas     | 24.3     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.4     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.0     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.6     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.2     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.7     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.1     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.1     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 25.3     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.2     |              |           |
| OxQ90 Cert     | 24.88    |              |           |
| OxQ90 Meas     | 24.8     |              |           |
| OxQ90 Cert     | 24.88    |              |           |

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |





**Date Submitted:** 21-Aug-15  
**Invoice No.:** A15-06879 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

120 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-06879 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 21-Aug-15  
**Invoice No.:** A15-06879 (i)  
**Invoice Date:** 21-Dec-15  
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Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

120 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06879 (i)**

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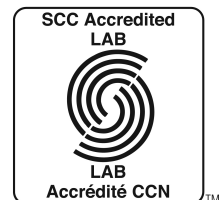
Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5040775        |               |                   |                   |          |            |            |              | 2.87      |
| 5040793        |               |                   |                   |          |            |            |              | 2.91      |
| 5042322        |               |                   |                   |          |            |            |              | 2.79      |
| 5042339        |               |                   |                   |          |            |            |              | 2.53      |
| 5040824        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 30.16      | 876.00     | 906.16       |           |
| 5040834        |               |                   |                   |          |            |            |              | 2.89      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 25.0     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.6     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.2     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.7     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.3     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.2     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.8     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 25.1     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 21-Aug-15  
**Invoice No.:** A15-06881 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

95 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-06881 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 21-Aug-15  
**Invoice No.:** A15-06881 (i)  
**Invoice Date:** 21-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

95 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06881 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5040826        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 39.73      | 864.00     | 903.70       |           |
| 5040846        |               |                   |                   |          |            |            |              | 2.51      |
| 5040849        |               |                   |                   |          |            |            |              | 2.48      |
| 5040853        |               |                   |                   |          |            |            |              | 2.59      |
| 5042402        |               |                   |                   |          |            |            |              | 2.55      |
| 5040879        | 1.06          | 1.04              | 0.94              | 0.99     | 25.52      | 746.00     | 771.52       |           |
| 5040881        | 0.41          | 0.63              | 0.70              | 0.65     | 44.16      | 866.00     | 910.16       |           |
| 5040882        | 0.43          | 0.52              | 0.49              | 0.50     | 18.46      | 1140.0     | 1158.5       |           |
| 5040883        | 14.7          | 2.92              | 3.06              | 3.36     | 33.32      | 1008.0     | 1041.3       |           |
| 5040884        | 48.1          | 2.44              | 2.08              | 3.76     | 33.76      | 1002.0     | 1035.8       | 2.81      |





| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
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| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |



Date Submitted: 25-Aug-15
Invoice No.: A15-06987 (i)
Invoice Date: 22-Dec-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

101 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-50-Kamloops Au - Fire Assay AA (QOP AA-Au)
Code Sieve Report-Kamloops-Internal Sieve Report
Code 1E3-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT A15-06987 (i)

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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:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control





**Date Submitted:** 25-Aug-15  
**Invoice No.:** A15-06987 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

101 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-06987 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5040892        |               |                   |                   |          |            |            |              | 2.91      |
| 5040905        | 0.57          | < 0.07            | < 0.07            | < 0.07   | 33.30      | 846.00     | 879.30       |           |
| 5040906        |               |                   |                   |          |            |            |              | 2.46      |
| 5040907        | 6.97          | 0.23              | 0.20              | 0.57     | 42.63      | 776.00     | 818.63       |           |
| 5042417        | 1.31          | 0.36              | 0.30              | 0.36     | 33.65      | 884.00     | 917.65       |           |
| 5042418        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 37.90      | 712.00     | 749.90       |           |
| 5042419        | 0.09          | 0.26              | 0.23              | 0.24     | 35.47      | 704.00     | 739.47       |           |
| 5042421        |               |                   |                   |          |            |            |              | 3.26      |
| 5042422        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 43.14      | 566.00     | 609.14       |           |
| 5040928        |               |                   |                   |          |            |            |              | 2.91      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxL118 Meas        | 5.70     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.87     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.86     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.61     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.90     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 26-Aug-15  
**Invoice No.:** A15-07011 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

99 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07011 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 26-Aug-15  
**Invoice No.:** A15-07011 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

99 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07011 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5040938        | 0.55          | 0.73              | 0.73              | 0.72     | 34.28      | 810.00     | 844.28       |           |
| 5040939        | 2.85          | 0.63              | 0.72              | 0.77     | 46.61      | 1032.0     | 1078.6       |           |
| 5040941        | 6.00          | 0.47              | 0.53              | 0.71     | 32.35      | 810.00     | 842.35       | 2.88      |
| 5040942        | 0.28          | 0.36              | 0.30              | 0.32     | 47.06      | 870.00     | 917.06       |           |
| 5040954        | 0.62          | 1.94              | 1.82              | 1.84     | 35.67      | 1080.0     | 1115.7       |           |
| 5040955        |               |                   |                   |          |            |            |              | 2.85      |
| 5040956        | 0.20          | 0.63              | 0.43              | 0.52     | 35.59      | 788.00     | 823.59       |           |
| 5040957        | 0.41          | 1.05              | 0.88              | 0.95     | 31.82      | 958.00     | 989.82       | 2.76      |
| 5040964        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 38.43      | 894.00     | 932.43       |           |
| 5040965        | 0.19          | 0.20              | 0.20              | 0.20     | 26.51      | 758.00     | 784.51       |           |
| 5040966        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 33.53      | 870.00     | 903.53       |           |
| 5042464        |               |                   |                   |          |            |            |              | 2.56      |
| 5042474        |               |                   |                   |          |            |            |              | 2.46      |
| 5042491        |               |                   |                   |          |            |            |              | 2.48      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 24.3     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxL118 Meas        | 5.70     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.87     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.86     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.61     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.90     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |

| Analyte Symbol | Total Au | Total Weight | Spec Grav |
|----------------|----------|--------------|-----------|
| Unit Symbol    | g/mt     | g            | -         |
| Lower Limit    | 0.07     |              | 0.01      |
| Method Code    | FA-MeT   | FA-MeT       | GRAV      |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |



**Date Submitted:** 26-Aug-15  
**Invoice No.:** A15-07018-SG  
**Invoice Date:** 10-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

92 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07018-SG**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 26-Aug-15  
**Invoice No.:** A15-07018-SG  
**Invoice Date:** 10-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

92 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07018-SG**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5041059        | 2.56      |
| 5041075        | 2.61      |
| 5042534        | 2.57      |
| 5042535        | 2.59      |
| 5041095        | 2.72      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.60      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 27-Aug-15  
**Invoice No.:** A15-07087 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

124 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07087 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control







**Date Submitted:** 27-Aug-15  
**Invoice No.:** A15-07087 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

124 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07087 (i)**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5042791        |               |                   |                   |          |            |            |              | 2.59      |
| 5079611        |               |                   |                   |          |            |            |              | 2.58      |
| 5079613        |               |                   |                   |          |            |            |              | 2.58      |
| 5079616        |               |                   |                   |          |            |            |              | 2.52      |
| 5079632        |               |                   |                   |          |            |            |              | 2.58      |
| 5079634        |               |                   |                   |          |            |            |              | 2.70      |
| 5079643        |               |                   |                   |          |            |            |              | 2.51      |
| 5079648        |               |                   |                   |          |            |            |              | 2.51      |
| 5079651        |               |                   |                   |          |            |            |              | 2.73      |
| 5079653        | 0.29          | 0.65              | 0.60              | 0.61     | 34.01      | 788.00     | 822.01       |           |
| 5079654        | 0.23          | 0.30              | 0.30              | 0.29     | 35.19      | 1210.0     | 1245.2       | 2.52      |
| 5079655        | 5.06          | 0.91              | 1.03              | 1.14     | 36.18      | 830.00     | 866.20       |           |
| 5079656        | 43.1          | 3.37              | 3.69              | 4.91     | 29.88      | 828.00     | 857.88       | 2.54      |
| 5079657        | 0.12          | 0.30              | 0.33              | 0.31     | 34.62      | 984.00     | 1018.6       |           |
| 5079658        |               |                   |                   |          |            |            |              | 2.54      |
| 5042826        |               |                   |                   |          |            |            |              | 2.83      |
| 5042829        |               |                   |                   |          |            |            |              | 2.60      |
| 5042834        |               |                   |                   |          |            |            |              | 2.43      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxL118 Meas        | 5.70     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.87     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.86     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.61     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.90     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 28-Aug-15  
**Invoice No.:** A15-07099-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

104 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07099-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 28-Aug-15  
**Invoice No.:** A15-07099-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

104 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07099-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5042599        | 2.58      |
| 5041001        | 2.55      |
| 5041019        | 2.80      |
| 5041042        | 2.59      |
| 5041163        | 2.43      |
| 5041172        | 2.49      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.60      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 28-Aug-15  
**Invoice No.:** A15-07100-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07100-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control







**Date Submitted:** 28-Aug-15  
**Invoice No.:** A15-07100-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

140 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07100-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5042619        | 2.56      |
| 5042632        | 2.61      |
| 5042661        | 2.53      |
| 5042665        | 2.86      |
| 5042688        | 2.45      |
| 5041241        | 2.70      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.60      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



Date Submitted: 28-Aug-15
Invoice No.: A15-07106 (i)
Invoice Date: 22-Dec-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

109 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)
Code Sieve Report-Kamloops-Internal Sieve Report

REPORT A15-07106 (i)

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:

[Handwritten signature]

Emmanuel Esemé , Ph.D.
Quality Control





**Date Submitted:** 28-Aug-15  
**Invoice No.:** A15-07106 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

109 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07106 (i)**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5042565        |               |                   |                   |          |            |            |              | 2.46      |
| 5041115        |               |                   |                   |          |            |            |              | 2.47      |
| 5041151        |               |                   |                   |          |            |            |              | 2.58      |
| 5041053        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 28.31      | 306.00     | 334.31       |           |
| 5042586        |               |                   |                   |          |            |            |              | 2.50      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxL118 Meas        | 5.70     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.87     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.86     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.61     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.90     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 28-Aug-15  
**Invoice No.:** A15-07109 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

127 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07109 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control







**Date Submitted:** 28-Aug-15  
**Invoice No.:** A15-07109 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

127 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07109 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5041245        | 1.21          | 2.36              | 2.08              | 2.19     | 39.54      | 1136.0     | 1175.5       |           |
| 5041246        | 5.88          | 1.96              | 1.69              | 1.94     | 33.65      | 1176.0     | 1209.7       | 2.52      |
| 5041247        | 8.25          | 0.98              | 0.96              | 1.24     | 40.99      | 1086.0     | 1127.0       |           |
| 5041248        | 3.97          | 0.95              | 1.05              | 1.17     | 46.65      | 788.00     | 834.65       |           |
| 5041249        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 43.04      | 1016.0     | 1059.0       |           |
| 5079501        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 39.17      | 980.00     | 1019.2       |           |
| 5079502        | 84.3          | 5.40              | 5.75              | 8.10     | 33.28      | 1004.0     | 1037.3       | 2.64      |
| 5079503        | 0.94          | 0.93              | 1.02              | 0.97     | 32.94      | 1078.0     | 1110.9       |           |
| 5079511        |               |                   |                   |          |            |            |              | 2.57      |
| 5079536        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 47.29      | 1134.0     | 1181.3       |           |
| 5079537        |               |                   |                   |          |            |            |              | 2.62      |
| 5079538        | 3.39          | 0.62              | 0.62              | 0.69     | 27.12      | 1040.0     | 1067.1       |           |
| 5079539        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 34.13      | 648.00     | 682.13       |           |
| 5042695        |               |                   |                   |          |            |            |              | 2.45      |
| 5042697        |               |                   |                   |          |            |            |              | 2.52      |
| 5042699        |               |                   |                   |          |            |            |              | 2.53      |
| 5042702        |               |                   |                   |          |            |            |              | 2.70      |
| 5042749        |               |                   |                   |          |            |            |              | 2.54      |
| 5042752        |               |                   |                   |          |            |            |              | 2.64      |
| 5042755        |               |                   |                   |          |            |            |              | 2.48      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxL118 Meas        | 5.70     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.87     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.86     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.61     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.90     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| 5042699 Orig       |          |              | 2.55      |
| 5042699 Dup        |          |              | 2.52      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 28-Aug-15  
**Invoice No.:** A15-07111-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

66 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07111-SG**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 28-Aug-15  
**Invoice No.:** A15-07111-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

66 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07111-SG**

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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:

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Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5079547        | 2.75      |
| 5079549        | 2.58      |
| 5079552        | 2.54      |
| 5079554        | 2.54      |
| 5079562        | 2.43      |
| 5079594        | 2.55      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.60      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 02-Sep-15  
**Invoice No.:** A15-07258-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

91 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-07258-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control







**Date Submitted:** 02-Sep-15  
**Invoice No.:** A15-07258-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

91 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07258-SG**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5042869        | 2.57      |
| 5079661        | 2.72      |
| 5079663        | 2.77      |
| 5079665        | 2.72      |
| 5079667        | 2.50      |
| 5079669        | 2.34      |
| 5079672        | 2.61      |
| 5079686        | 2.64      |
| 5079693        | 2.44      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.60      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 02-Sep-15  
**Invoice No.:** A15-07260-SG  
**Invoice Date:** 03-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

114 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT      **A15-07260-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5079861        | 2.66      |
| 5079871        | 2.57      |
| 5079891        | 2.74      |
| 5079916        | 2.70      |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.60         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |



**Date Submitted:** 03-Sep-15  
**Invoice No.:** A15-07350 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

128 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07350 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5079929        | < 0.07        | 0.29              | 0.33              | 0.30     | 32.67      | 866.00     | 898.67       |           |
| 5079931        | 2.17          | 0.82              | 0.75              | 0.84     | 41.03      | 942.00     | 983.03       |           |
| 5079932        |               |                   |                   |          |            |            |              | 2.80      |
| 5079933        | < 0.07        | 0.23              | 0.27              | 0.24     | 32.73      | 884.00     | 916.73       |           |
| 5079934        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 45.29      | 902.00     | 947.29       |           |
| 5079935        | 1.15          | 0.68              | 0.79              | 0.76     | 46.96      | 846.00     | 892.96       |           |
| 5079936        | 7.39          | 2.43              | 2.24              | 2.49     | 35.34      | 1110.0     | 1145.3       | 2.60      |
| 5042952        | 0.49          | 1.02              | 0.96              | 0.97     | 47.39      | 994.00     | 1041.4       | 2.72      |
| 5042953        |               |                   |                   |          |            |            |              | 2.82      |
| 5042954        | < 0.07        | 0.17              | 0.13              | 0.14     | 37.40      | 1046.0     | 1083.4       |           |
| 5042955        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 29.78      | 758.00     | 787.78       |           |
| 5042956        | 0.12          | 0.99              | 0.99              | 0.96     | 25.94      | 888.00     | 913.94       |           |
| 5042957        |               |                   |                   |          |            |            |              | 2.93      |
| 5042958        | 0.95          | 1.22              | 1.11              | 1.16     | 34.77      | 930.00     | 964.77       |           |
| 5042962        |               |                   |                   |          |            |            |              | 2.69      |
| 5042975        |               |                   |                   |          |            |            |              | 2.60      |
| 5042992        | 2.09          | 1.02              | 1.16              | 1.14     | 46.04      | 912.00     | 958.04       |           |
| 5042993        | 5.68          | 4.21              | 4.74              | 4.52     | 35.38      | 858.00     | 893.38       | 2.58      |
| 5042994        | 0.35          | 0.36              | 0.33              | 0.34     | 34.68      | 950.00     | 984.70       |           |
| 5042996        |               |                   |                   |          |            |            |              | 2.78      |
| 5042997        | 16.4          | 2.45              | 2.69              | 3.23     | 24.52      | 486.00     | 510.52       |           |
| 5079964        | 0.22          | 0.40              | 0.45              | 0.42     | 49.36      | 1074.0     | 1123.4       |           |
| 5079965        | 0.84          | 0.96              | 1.03              | 0.99     | 35.60      | 1018.0     | 1053.6       |           |
| 5079966        | 256           | 9.40              | 9.56              | 18.7     | 35.75      | 920.00     | 955.75       | 2.86      |
| 5079967        | 0.14          | 0.30              | 0.36              | 0.32     | 48.46      | 1072.0     | 1120.5       |           |
| 5079968        | 7.15          | 1.49              | 1.54              | 1.74     | 46.55      | 1114.0     | 1160.6       |           |
| 5079969        | 18.4          | 0.23              | 0.33              | 1.04     | 50.12      | 1150.0     | 1200.1       |           |
| 5079971        | 30.9          | 4.17              | 4.42              | 5.14     | 39.15      | 1202.0     | 1241.2       | 2.66      |
| 5079972        | < 0.07        | < 0.07            | 0.10              | 0.08     | 50.76      | 1138.0     | 1188.8       |           |
| 5079978        | 0.20          | 0.23              | 0.20              | 0.21     | 49.61      | 974.00     | 1023.6       |           |
| 5079979        | 5.17          | 0.58              | 0.56              | 0.74     | 25.73      | 686.00     | 711.73       |           |
| 5079981        | 3.80          | 0.10              | < 0.07            | 0.22     | 42.11      | 1080.0     | 1122.1       |           |
| 5079982        | 3.21          | 1.26              | 1.34              | 1.38     | 47.94      | 1164.0     | 1211.9       |           |
| 5079983        | < 0.07        | 0.13              | 0.17              | 0.14     | 38.40      | 1014.0     | 1052.4       |           |



QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 24.3     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxL118 Meas        | 5.70     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.87     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.86     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.61     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| OxL118 Meas        | 5.90     |              |           |
| OxL118 Cert        | 5.828    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |

| Analyte Symbol | Total Au | Total Weight | Spec Grav |
|----------------|----------|--------------|-----------|
| Unit Symbol    | g/mt     | g            | -         |
| Lower Limit    | 0.07     |              | 0.01      |
| Method Code    | FA-MeT   | FA-MeT       | GRAV      |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |



**Date Submitted:** 03-Sep-15  
**Invoice No.:** A15-07358 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

127 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07358 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5039181        |               |                   |                   |          |            |            |              | 2.46      |
| 5039194        | 1.38          | 1.24              | 1.26              | 1.26     | 46.24      | 940.00     | 986.20       |           |
| 5039195        |               |                   |                   |          |            |            |              | 2.63      |
| 5039196        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 48.53      | 948.00     | 996.53       |           |
| 5039199        |               |                   |                   |          |            |            |              | 2.45      |
| 5039221        |               |                   |                   |          |            |            |              | 2.58      |
| 5039224        | 1.11          | 0.56              | 0.53              | 0.57     | 33.23      | 956.00     | 989.23       |           |
| 5039225        | 3.83          | 2.82              | 2.52              | 2.71     | 37.34      | 956.00     | 993.34       |           |
| 5039226        | 7.03          | 4.27              | 4.33              | 4.40     | 35.41      | 906.00     | 941.41       | 2.74      |
| 5039227        | 6.20          | 3.46              | 3.12              | 3.41     | 40.48      | 932.00     | 972.48       |           |
| 5039228        | 0.24          | 0.10              | 0.10              | 0.10     | 45.23      | 1304.0     | 1349.2       |           |
| 5039229        | 11.6          | 0.97              | 1.11              | 1.38     | 40.63      | 1198.0     | 1238.6       |           |
| 5039231        | 4.02          | 0.50              | 0.46              | 0.59     | 39.05      | 1214.0     | 1253.1       |           |
| 5039241        | 2.62          | 1.07              | 1.21              | 1.19     | 39.27      | 992.00     | 1031.3       |           |
| 5039242        | 54.8          | 8.70              | 7.87              | 10.0     | 47.08      | 1230.0     | 1277.1       | 2.53      |
| 5039243        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 38.67      | 1136.0     | 1174.7       |           |
| 5039244        | 13.8          | 11.5              | 11.0              | 11.4     | 47.97      | 1154.0     | 1202.0       | 2.77      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.9     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.54     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.44     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.74     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.72     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 03-Sep-15  
**Invoice No.:** A15-07359 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

125 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07359 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5079107        |               |                   |                   |          |            |            |              | 2.85      |
| 5079111        |               |                   |                   |          |            |            |              | 2.50      |
| 5079123        | 0.68          | 0.85              | 0.78              | 0.81     | 36.67      | 1104.0     | 1140.7       |           |
| 5079124        | 53.3          | 5.13              | 5.86              | 6.80     | 33.52      | 1196.0     | 1229.5       | 2.51      |
| 5079125        | 601           | 21.8              | 19.3              | 36.8     | 37.00      | 1288.0     | 1325.0       | 2.48      |
| 5079126        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 36.50      | 1088.0     | 1124.5       |           |
| 5079133        | 23.0          | 3.78              | 4.02              | 4.63     | 41.65      | 1038.0     | 1079.7       |           |
| 5079134        | 3.31          | 2.16              | 1.96              | 2.10     | 38.67      | 1216.0     | 1254.7       | 2.53      |
| 5079135        | 9.99          | 2.21              | 2.08              | 2.40     | 36.24      | 1080.0     | 1116.2       |           |
| 5079136        | 615           | 45.7              | 48.0              | 83.8     | 25.91      | 372.00     | 397.91       | 2.84      |
| 5079137        | 0.27          | < 0.07            | < 0.07            | < 0.07   | 44.22      | 1138.0     | 1182.2       |           |
| 5079138        | 9.06          | 0.78              | 0.84              | 1.15     | 47.92      | 1124.0     | 1171.9       |           |
| 5079143        | 1.60          | 0.40              | 0.36              | 0.43     | 39.50      | 852.00     | 891.50       |           |
| 5079144        | 402           | 31.7              | 31.4              | 44.3     | 36.65      | 1032.0     | 1068.7       | 2.52      |
| 5079145        | 18.4          | 2.99              | 3.12              | 3.64     | 45.07      | 1134.0     | 1179.1       | 2.54      |
| 5039245        | 0.30          | 0.79              | 0.72              | 0.74     | 36.51      | 1080.0     | 1116.5       |           |
| 5039251        | 1.12          | 0.10              | 0.13              | 0.15     | 39.42      | 1114.0     | 1153.4       |           |
| 5039252        | 212           | 3.98              | 3.44              | 8.10     | 21.99      | 1024.0     | 1046.0       | 2.73      |
| 5039253        | 0.23          | 0.40              | 0.46              | 0.42     | 35.46      | 1164.0     | 1199.5       |           |
| 5079146        | 0.42          | < 0.07            | < 0.07            | < 0.07   | 36.00      | 904.00     | 940.00       |           |

## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.9     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 24.3     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OXN117 Meas        | 7.54     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.44     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.74     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.72     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



| Analyte Symbol | Total Au | Total Weight | Spec Grav |
|----------------|----------|--------------|-----------|
| Unit Symbol    | g/mt     | g            | -         |
| Lower Limit    | 0.07     |              | 0.01      |
| Method Code    | FA-MeT   | FA-MeT       | GRAV      |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |



**Date Submitted:** 04-Sep-15  
**Invoice No.:** A15-07389 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:**

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

126 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07389 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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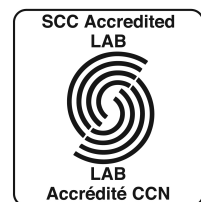
Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5079996        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 39.80      | 1044.0     | 1083.8       |           |
| 5079997        | 12.7          | 7.67              | 7.86              | 7.89     | 24.64      | 900.00     | 924.64       | 3.00      |
| 5079998        | 0.20          | < 0.07            | < 0.07            | < 0.07   | 38.99      | 880.00     | 918.99       |           |
| 5079009        | 0.77          | 0.66              | 0.69              | 0.68     | 31.29      | 930.00     | 961.29       |           |
| 5079011        |               |                   |                   |          |            |            |              | 2.93      |
| 5039122        |               |                   |                   |          |            |            |              | 2.44      |
| 5039133        | 6.63          | 0.71              | 0.66              | 0.94     | 49.93      | 1092.0     | 1141.9       |           |
| 5039134        | 0.41          | 0.49              | 0.43              | 0.46     | 38.56      | 1028.0     | 1066.6       |           |
| 5039135        | 0.50          | 0.84              | 0.93              | 0.87     | 35.61      | 914.00     | 949.61       |           |
| 5039136        | 5.00          | 1.12              | 1.02              | 1.26     | 49.04      | 966.00     | 1015.0       |           |
| 5039143        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 39.75      | 952.00     | 991.75       |           |
| 5039144        |               |                   |                   |          |            |            |              | 2.55      |
| 5039145        | 0.34          | 0.86              | 0.93              | 0.87     | 38.18      | 916.00     | 954.18       |           |
| 5039146        | < 0.07        | 0.30              | 0.23              | 0.26     | 39.92      | 900.00     | 939.92       |           |
| 5039147        | 0.49          | 0.59              | 0.53              | 0.56     | 40.68      | 974.00     | 1014.7       |           |
| 5039148        |               |                   |                   |          |            |            |              | 2.74      |
| 5039152        |               |                   |                   |          |            |            |              | 2.62      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.9     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.54     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.44     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.74     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.72     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.58      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



Date Submitted: 10-Sep-15
Invoice No.: A15-07597-SG
Invoice Date: 08-Dec-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

124 Core samples were submitted for analysis.

The following analytical package was requested:

Code Sieve Report-Kamloops-Internal Sieve Report
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT A15-07597-SG

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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:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control



**Results**

|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5079163        | 2.24      |
| 5079211        | 2.75      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.57      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.60      |
| Cleaning Sand Cert | 2.61      |
| 5079211 Orig       | 2.74      |
| 5079211 Dup        | 2.77      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 10-Sep-15  
**Invoice No.:** A15-07604-SG  
**Invoice Date:** 03-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

121 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT      **A15-07604-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5081504        | 2.47      |
| 5079329        | 2.47      |
| 5079359        | 2.69      |
| 5079368        | 2.99      |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.60         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |



**Date Submitted:** 10-Sep-15  
**Invoice No.:** A15-07609 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

120 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07609 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5079254        | 0.31          | 0.69              | 0.78              | 0.72     | 41.35      | 996.00     | 1037.3       |           |
| 5079255        |               |                   |                   |          |            |            |              | 2.67      |
| 5079256        | 0.13          | 0.26              | 0.19              | 0.22     | 46.41      | 1026.0     | 1072.4       |           |
| 5079308        |               |                   |                   |          |            |            |              | 2.92      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.9     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.54     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.44     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.74     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.72     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 11-Sep-15  
**Invoice No.:** A15-07694 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

118 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07694 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5081567        |               |                   |                   |          |            |            |              | 2.78      |
| 5081597        |               |                   |                   |          |            |            |              | 2.72      |
| 5081628        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 41.12      | 1036.0     | 1077.1       |           |
| 5081629        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 36.81      | 1002.0     | 1038.8       |           |
| 5081631        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 44.84      | 1042.0     | 1086.8       |           |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.9     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 24.3     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OXN117 Meas        | 7.54     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.44     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.74     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.72     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.60      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



| Analyte Symbol | Total Au | Total Weight | Spec Grav |
|----------------|----------|--------------|-----------|
| Unit Symbol    | g/mt     | g            | -         |
| Lower Limit    | 0.07     |              | 0.01      |
| Method Code    | FA-MeT   | FA-MeT       | GRAV      |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |
| Method Blank   | < 0.07   | 0.00000      |           |



**Date Submitted:** 11-Sep-15  
**Invoice No.:** A15-07703-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

117 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07703-SG**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5071002        | 2.52      |
| 5071004        | 2.51      |
| 5071011        | 2.61      |
| 5071022        | 2.59      |
| 5071023        | 2.75      |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 11-Sep-15  
**Invoice No.:** A15-07704-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

66 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07704-SG**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5079475        | 2.71         |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 11-Sep-15  
**Invoice No.:** A15-07705-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

117 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07705-SG**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5073006        | 2.66         |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.62         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |



**Date Submitted:** 11-Sep-15  
**Invoice No.:** A15-07706 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

134 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-07706 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5081757        |               |                   |                   |          |            |            |              | 2.48      |
| 5081762        |               |                   |                   |          |            |            |              | 2.84      |
| 5073049        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 31.02      | 852.00     | 883.02       |           |
| 5073053        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 46.37      | 952.00     | 998.40       |           |
| 5081781        |               |                   |                   |          |            |            |              | 3.05      |
| 5071097        |               |                   |                   |          |            |            |              | 2.81      |
| 5071106        |               |                   |                   |          |            |            |              | 2.87      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.9     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.54     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.44     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.74     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.72     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 16-Sep-15  
**Invoice No.:** A15-07802 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

127 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07802 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5081838        |               |                   |                   |          |            |            |              | 2.57      |
| 5071111        | 0.26          | 0.33              | 0.40              | 0.36     | 30.86      | 952.00     | 982.86       |           |
| 5071112        | 5.65          | 4.45              | 3.95              | 4.25     | 32.02      | 888.00     | 920.02       | 2.68      |
| 5071113        | 94.4          | 27.9              | 28.5              | 30.2     | 32.26      | 1032.0     | 1064.3       | 3.05      |
| 5071114        | 4.14          | 1.44              | 1.60              | 1.60     | 32.36      | 958.00     | 990.36       | 2.49      |
| 5071115        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 30.44      | 858.00     | 888.44       |           |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.9     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.54     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.44     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.74     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.72     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |





**Date Submitted:** 16-Sep-15  
**Invoice No.:** A15-07803 (i)  
**Invoice Date:** 22-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

132 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07803 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5081867        |               |                   |                   |          |            |            |              | 2.66      |
| 5081868        |               |                   |                   |          |            |            |              | 2.71      |
| 5081874        |               |                   |                   |          |            |            |              | 2.49      |
| 5081891        | 20.3          | 2.58              | 2.96              | 3.48     | 36.14      | 852.00     | 888.14       | 2.48      |
| 5081892        | 0.41          | 0.13              | 0.17              | 0.16     | 34.39      | 944.00     | 978.40       |           |
| 5081893        | 29.8          | 7.33              | 7.32              | 8.44     | 38.39      | 738.00     | 776.40       | 2.48      |
| 5081894        | 405           | 5.40              | 4.98              | 17.0     | 29.35      | 968.00     | 997.40       |           |
| 5081895        | 8.39          | 1.21              | 1.19              | 1.46     | 34.09      | 904.00     | 938.10       | 2.52      |
| 5081905        | 2.06          | 0.65              | 0.69              | 0.72     | 39.72      | 918.00     | 957.72       | 2.83      |
| 5081906        | 2.90          | 1.83              | 2.07              | 1.99     | 39.28      | 974.00     | 1013.3       |           |
| 5081907        | 211           | 26.3              | 24.7              | 32.9     | 36.65      | 876.00     | 912.65       | 2.74      |
| 5081908        | 50.7          | 6.93              | 6.79              | 8.45     | 39.54      | 1050.0     | 1089.5       | 2.63      |
| 5081909        | 1.75          | 1.33              | 1.48              | 1.42     | 37.23      | 924.00     | 961.23       |           |
| 5081911        |               |                   |                   |          |            |            |              | 2.78      |
| 5081913        |               |                   |                   |          |            |            |              | 2.58      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.9     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.5     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.54     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.44     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.74     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.71     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.72     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 16-Sep-15  
**Invoice No.:** A15-07806 (i)  
**Invoice Date:** 23-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

122 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07806 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5073168        |               |                   |                   |          |            |            |              | 2.84      |
| 5073198        |               |                   |                   |          |            |            |              | 2.61      |
| 5073294        |               |                   |                   |          |            |            |              | 2.91      |
| 5081917        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 45.78      | 976.00     | 1021.8       |           |
| 5081918        |               |                   |                   |          |            |            |              | 2.59      |
| 5081919        | 1.33          | 1.11              | 1.15              | 1.14     | 39.88      | 938.00     | 977.88       |           |
| 5081921        | 0.31          | < 0.07            | < 0.07            | < 0.07   | 38.40      | 984.00     | 1022.4       |           |
| 5081922        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 31.97      | 982.00     | 1014.0       |           |
| 5081923        |               |                   |                   |          |            |            |              | 2.54      |
| 5081924        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 32.93      | 1036.0     | 1068.9       |           |
| 5073207        |               |                   |                   |          |            |            |              | 2.60      |

## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.66     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.65     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.57      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 16-Sep-15  
**Invoice No.:** A15-07813 (i)  
**Invoice Date:** 23-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

121 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-07813 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5073312        |               |                   |                   |          |            |            |              | 2.75      |
| 5073331        |               |                   |                   |          |            |            |              | 2.57      |
| 5073247        |               |                   |                   |          |            |            |              | 2.42      |
| 5073251        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 48.72      | 1316.0     | 1364.7       |           |
| 5073252        |               |                   |                   |          |            |            |              | 2.56      |
| 5073253        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 43.89      | 1244.0     | 1287.9       |           |



## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.66     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.65     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 22-Sep-15  
**Invoice No.:** A15-08026-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:**

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

125 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08026-SG**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5071217        | 2.74         |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 22-Sep-15  
**Invoice No.:** A15-08027-SG  
**Invoice Date:** 10-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

123 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08027-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5071261        | 2.80      |
| 5071268        | 2.58      |
| 5071276        | 2.55      |
| 5071279        | 2.54      |
| 5073405        | 2.81      |

## QC

| Analyte Symbol     | Spec Grav |
|--------------------|-----------|
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.57      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 22-Sep-15  
**Invoice No.:** A15-08028 (i)  
**Invoice Date:** 15-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

132 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08028 (i)**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5071308        | 32.1          | 1.13              | 1.53              | 3.40     | 36.65      | 508.00     | 544.65       | 2.88      |

## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxQ90 Meas         | 24.3     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| OxQ90 Meas         | 24.4     |              |           |
| OxQ90 Cert         | 24.88    |              |           |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       | < 0.07   |              |           |
| Method Blank       |          |              | < 0.01    |



**Date Submitted:** 23-Sep-15  
**Invoice No.:** A15-08050-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

127 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-08050-SG**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5073416        | 2.58      |
| 5073418        | 2.83      |
| 5073429        | 2.54      |
| 5071393        | 2.58      |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.62         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |



**Date Submitted:** 23-Sep-15  
**Invoice No.:** A15-08052-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

130 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08052-SG**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5071425        | 2.53         |
| 5073461        | 2.49         |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.62         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |





**Date Submitted:** 24-Sep-15  
**Invoice No.:** A15-08114-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

128 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

REPORT      **A15-08114-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 24-Sep-15  
**Invoice No.:** A15-08114-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

128 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08114-SG**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL [Ancaster@actlabs.com](mailto:Ancaster@actlabs.com) ACTLABS GROUP WEBSITE [www.actlabs.com](http://www.actlabs.com)



**Results**

|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5071544        | 2.47      |
| 5073716        | 2.57      |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 24-Sep-15  
**Invoice No.:** A15-08119-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

124 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08119-SG**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5071577        | 2.61         |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.62         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |



**Date Submitted:** 24-Sep-15  
**Invoice No.:** A15-08121 (i)  
**Invoice Date:** 23-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

125 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-08121 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5071603        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 31.28      | 844.00     | 875.28       |           |
| 5071604        |               |                   |                   |          |            |            |              | 2.54      |
| 5071605        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 39.33      | 1162.0     | 1201.3       |           |
| 5073921        |               |                   |                   |          |            |            |              | 2.52      |
| 5073808        |               |                   |                   |          |            |            |              | 2.57      |
| 5073828        |               |                   |                   |          |            |            |              | 2.64      |
| 5073841        |               |                   |                   |          |            |            |              | 2.52      |
| 5073861        |               |                   |                   |          |            |            |              | 2.58      |

## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.66     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.65     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| 5073808 Orig       |          |              | 2.56      |
| 5073808 Dup        |          |              | 2.58      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08254 (i)  
**Invoice Date:** 23-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

122 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-08254 (i)**

Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08254 (i)  
**Invoice Date:** 23-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

122 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08254 (i)**

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:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5071645        | < 0.07        | 1.72              | 1.42              | 1.51     | 35.81      | 982.00     | 1017.8       |           |
| 5071646        | 4.22          | 1.50              | 1.69              | 1.70     | 33.66      | 798.00     | 831.70       | 2.49      |
| 5071647        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 40.00      | 942.00     | 982.00       |           |
| 5071648        | 0.51          | 0.13              | 0.16              | 0.16     | 40.79      | 1080.0     | 1120.8       |           |
| 5071649        |               |                   |                   |          |            |            |              | 2.50      |
| 5071651        | 42.2          | 1.65              | 1.34              | 3.28     | 47.48      | 1034.0     | 1081.5       |           |
| 5071652        | 26.6          | 1.58              | 1.70              | 2.82     | 35.92      | 720.00     | 755.92       |           |
| 5073883        | 1.81          | < 0.07            | < 0.07            | < 0.07   | 27.02      | 896.00     | 923.02       | 2.53      |
| 5073884        | 2.29          | 0.83              | 0.90              | 0.92     | 35.84      | 926.00     | 961.84       |           |
| 5073885        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 32.57      | 1150.0     | 1182.6       |           |
| 5073888        | 0.52          | 0.19              | 0.20              | 0.21     | 36.78      | 1102.0     | 1138.8       |           |

## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.66     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.65     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08255-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

132 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08255-SG**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08255-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

132 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08255-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5074016        | 2.52         |
| 5074136        | 2.38         |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.62         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |



Date Submitted: 29-Sep-15
Invoice No.: A15-08256 (i)
Invoice Date: 23-Dec-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

119 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT A15-08256 (i)

Code Sieve Report-Kamloops-Internal Sieve Report
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)
Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

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:

[Handwritten signature]

Emmanuel Esemé, Ph.D.
Quality Control





**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08256 (i)  
**Invoice Date:** 23-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

119 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08256 (i)**

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If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5074056        |               |                   |                   |          |            |            |              | 2.60      |
| 5074068        | 0.21          | < 0.07            | < 0.07            | < 0.07   | 42.14      | 1002.0     | 1044.1       |           |
| 5074069        |               |                   |                   |          |            |            |              | 2.55      |
| 5074071        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 48.44      | 1012.0     | 1060.4       |           |

## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.66     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.65     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08260-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

129 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08260-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08260-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

129 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08260-SG**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5071806        | 2.51      |
| 5071862        | 2.92      |
| 5071867        | 2.61      |
| 5071871        | 2.96      |
| 5074249        | 3.03      |
| 5074273        | 2.62      |
| 5074276        | 2.69      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08261 (i)  
**Invoice Date:** 23-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

112 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08261 (i)**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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Notes:

A representative 1000 gram split is sieved at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08261 (i)  
**Invoice Date:** 23-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

112 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08261 (i)**

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

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5071931        | 12.8          | 0.20              | 0.20              | 0.59     | 34.23      | 1066.0     | 1100.2       |           |
| 5071932        | 9.99          | 1.28              | 1.35              | 1.64     | 48.15      | 1212.0     | 1260.2       | 2.69      |
| 5071933        | 7.15          | 2.95              | 2.43              | 2.88     | 46.43      | 1030.0     | 1076.4       |           |
| 5071934        |               |                   |                   |          |            |            |              | 2.73      |
| 5071935        | 0.47          | 0.13              | 0.10              | 0.13     | 31.55      | 942.00     | 973.55       |           |
| 5071936        | 0.08          | 0.59              | 0.53              | 0.54     | 38.03      | 1164.0     | 1202.0       |           |
| 5071937        | 3.40          | 0.89              | 0.94              | 0.98     | 35.89      | 1278.0     | 1313.9       |           |
| 5071938        | 0.79          | 0.73              | 0.75              | 0.74     | 45.38      | 1248.0     | 1293.4       |           |
| 5071957        | 32.6          | 0.81              | 0.83              | 1.90     | 39.34      | 1116.0     | 1155.3       | 2.60      |
| 5071958        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 22.89      | 1060.0     | 1082.9       |           |
| 5071959        | 11.3          | 1.55              | 1.68              | 1.88     | 34.93      | 1250.0     | 1284.9       | 2.70      |
| 5071961        |               |                   |                   |          |            |            |              | 2.71      |
| 5071963        | 19.7          | 0.95              | 0.86              | 1.33     | 26.97      | 1176.0     | 1203.0       | 2.56      |
| 5071964        | 1.62          | 1.41              | 1.58              | 1.50     | 38.38      | 1204.0     | 1242.4       | 2.83      |
| 5071965        | 8.94          | 0.95              | 0.89              | 1.14     | 35.48      | 1268.0     | 1303.5       | 2.75      |
| 5071968        | 0.34          | 0.33              | 0.36              | 0.34     | 38.48      | 1030.0     | 1068.5       | 2.65      |

## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.66     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.65     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



Date Submitted: 29-Sep-15
Invoice No.: A15-08262 (i)
Invoice Date: 23-Dec-15
Your Reference: Spectrum Gold

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

29 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT A15-08262 (i)

Code Sieve Report-Kamloops-Internal Sieve Report
Code 1A4-1000 (100mesh)-Kamloops Au-Fire Assay-Metallic Screen-1000g
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)

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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:

[Signature]

Emmanuel Esemé, Ph.D.
Quality Control





**Date Submitted:** 29-Sep-15  
**Invoice No.:** A15-08262 (i)  
**Invoice Date:** 23-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

29 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08262 (i)**

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Notes:

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If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5074371        | < 0.07        | < 0.07            | < 0.07            | < 0.07   | 49.61      | 1224.0     | 1273.6       |           |
| 5074372        |               |                   |                   |          |            |            |              | 2.86      |
| 5074376        |               |                   |                   |          |            |            |              | 2.64      |
| 5074381        |               |                   |                   |          |            |            |              | 2.59      |
| 5074387        |               |                   |                   |          |            |            |              | 2.52      |
| 5074389        | 1.29          | 0.39              | 0.33              | 0.39     | 30.94      | 1138.0     | 1168.9       |           |
| 5074391        | 0.11          | 0.23              | 0.20              | 0.21     | 37.74      | 1188.0     | 1225.7       |           |
| 5074392        | 1.29          | 0.17              | 0.23              | 0.24     | 40.18      | 1130.0     | 1170.2       |           |
| 5074393        | 0.63          | 0.26              | 0.30              | 0.29     | 37.96      | 1102.0     | 1140.0       |           |
| 5074394        | 1.95          | 1.53              | 1.42              | 1.49     | 42.64      | 1116.0     | 1158.6       |           |

## QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.66     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.65     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 02-Oct-15  
**Invoice No.:** A15-08369 (i)  
**Invoice Date:** 24-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

136 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08369 (i)**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 02-Oct-15  
**Invoice No.:** A15-08369 (i)  
**Invoice Date:** 24-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

136 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08369 (i)**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



## Results

| Analyte Symbol | Au + 100 mesh | Au - 100 mesh (A) | Au - 100 mesh (B) | Total Au | + 100 mesh | - 100 mesh | Total Weight | Spec Grav |
|----------------|---------------|-------------------|-------------------|----------|------------|------------|--------------|-----------|
| Unit Symbol    | g/mt          | g/mt              | g/mt              | g/mt     | g          | g          | g            | -         |
| Lower Limit    | 0.07          | 0.07              | 0.07              | 0.07     |            |            |              | 0.01      |
| Method Code    | FA-MeT        | FA-MeT            | FA-MeT            | FA-MeT   | FA-MeT     | FA-MeT     | FA-MeT       | GRAV      |
| 5074324        |               |                   |                   |          |            |            |              | 2.69      |
| 5074328        |               |                   |                   |          |            |            |              | 2.90      |
| 5071969        | 0.20          | 0.23              | 0.29              | 0.26     | 39.62      | 1162.0     | 1201.6       |           |
| 5071971        | 156           | 16.7              | 16.4              | 21.5     | 39.19      | 1070.0     | 1109.2       |           |
| 5071972        | 0.89          | 0.63              | 0.56              | 0.61     | 28.10      | 1230.0     | 1258.1       | 2.52      |
| 5071973        | 0.59          | 0.74              | 0.79              | 0.76     | 42.14      | 1360.0     | 1402.1       |           |
| 5071974        | 0.18          | 0.36              | 0.30              | 0.33     | 39.66      | 1122.0     | 1161.7       |           |
| 5071975        | 3.34          | 0.52              | 0.60              | 0.65     | 42.25      | 1164.0     | 1206.3       |           |
| 5071982        |               |                   |                   |          |            |            |              | 2.53      |
| 5072076        |               |                   |                   |          |            |            |              | 2.57      |
| 5074349        |               |                   |                   |          |            |            |              | 2.74      |

QC

| Analyte Symbol     | Total Au | Total Weight | Spec Grav |
|--------------------|----------|--------------|-----------|
| Unit Symbol        | g/mt     | g            | -         |
| Lower Limit        | 0.07     |              | 0.01      |
| Method Code        | FA-MeT   | FA-MeT       | GRAV      |
| OxP 91 Meas        | 14.6     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.8     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 15.0     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OxP 91 Meas        | 14.7     |              |           |
| OxP 91 Cert        | 14.82    |              |           |
| OXN117 Meas        | 7.66     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.65     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| OXN117 Meas        | 7.48     |              |           |
| OXN117 Cert        | 7.679    |              |           |
| Cleaning Sand Meas |          |              | 2.64      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.61      |
| Cleaning Sand Cert |          |              | 2.61      |
| Cleaning Sand Meas |          |              | 2.62      |
| Cleaning Sand Cert |          |              | 2.61      |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       |          |              | < 0.01    |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |
| Method Blank       | < 0.07   | 0.00000      |           |



**Date Submitted:** 02-Oct-15  
**Invoice No.:** A15-08371-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

81 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08371-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 02-Oct-15  
**Invoice No.:** A15-08371-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

81 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08371-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com





**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5072097        | 2.82         |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 06-Oct-15  
**Invoice No.:** A15-08480-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

70 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08480-SG**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 06-Oct-15  
**Invoice No.:** A15-08480-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

70 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08480-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5072057        | 2.71      |
| 5074446        | 2.43      |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 06-Oct-15  
**Invoice No.:** A15-08481-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

72 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08481-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 06-Oct-15  
**Invoice No.:** A15-08481-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

72 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08481-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control





**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5074469        | 2.49      |
| 5074476        | 2.62      |
| 5072164        | 2.56      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 06-Oct-15  
**Invoice No.:** A15-08482-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

124 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT **A15-08482-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5074493        | 2.63      |
| 5074529        | 2.98      |
| 5074555        | 2.84      |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 06-Oct-15  
**Invoice No.:** A15-08483-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

130 Core samples were submitted for analysis.

The following analytical package was requested:

Code Weight Report (kg)-Internal Received Weights

REPORT      **A15-08483-SG**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Date Submitted:** 06-Oct-15  
**Invoice No.:** A15-08483-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

130 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-08483-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5072281        | 2.55         |
| 5072352        | 2.64         |
| 5074566        | 2.55         |



## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 09-Oct-15  
**Invoice No.:** A15-08595-SG  
**Invoice Date:** 05-Jan-16  
**Your Reference:**

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

129 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08595-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1A3-50-Kamloops Au - Fire Assay Gravimetric (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5074628        | 2.74      |
| 5074635        | 2.69      |
| 5074641        | 2.62      |

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 09-Oct-15  
**Invoice No.:** A15-08596-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

143 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT **A15-08596-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1A3-50-Kamloops Au - Fire Assay Gravimetric (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5072415        | 2.39      |
| 5072439        | 2.76      |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 09-Oct-15  
**Invoice No.:** A15-08597-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

132 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08597-SG**

Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1A3-50-Kamloops Au - Fire Assay Gravimetric (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control





**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5074763        | 3.30         |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.62         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |



**Date Submitted:** 13-Oct-15  
**Invoice No.:** A15-08642-SG  
**Invoice Date:** 05-Jan-16  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

99 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08642-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1A3-50-Kamloops Au - Fire Assay Gravimetric (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5074823        | 2.44      |
| 5072547        | 2.71      |

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 13-Oct-15  
**Invoice No.:** A15-08645-SG  
**Invoice Date:** 05-Jan-16  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

119 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08645-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1A3-50-Kamloops Au - Fire Assay Gravimetric (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5074845        | 2.76      |

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |





**Date Submitted:** 13-Oct-15  
**Invoice No.:** A15-08646-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

66 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08646-SG**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5072639        | 2.99      |
| 5072687        | 2.74      |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 13-Oct-15  
**Invoice No.:** A15-08650-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

114 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08650-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

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

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5074928        | 2.49      |
| 5074952        | 2.90      |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.62         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |



**Date Submitted:** 20-Oct-15  
**Invoice No.:** A15-08872-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

85 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08872-SG**

Code Sieve Report-Kamloops Sieve Report  
Code 1A2-50-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1A3-50-Kamloops Au - Fire Assay Gravimetric (QOP AA-Au)

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Notes:

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5075178        | 2.81      |
| 5075183        | 2.61      |



## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.57      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.62      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 20-Oct-15  
**Invoice No.:** A15-08881-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

122 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-08881-SG**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5075045        | 2.74      |
| 5072741        | 2.78      |
| 5072748        | 2.86      |
| 5072752        | 2.82      |
| 5072757        | 2.79      |

**QC**

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.57      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |



**Date Submitted:** 22-Oct-15  
**Invoice No.:** A15-09034-SG  
**Invoice Date:** 04-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

64 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-09034-SG**

Code 1A2-50-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



**Results**

|                |              |
|----------------|--------------|
| Analyte Symbol | Spec<br>Grav |
| Unit Symbol    | -            |
| Lower Limit    | 0.01         |
| Method Code    | GRAV         |
| 5072957        | 3.01         |

**QC**

|                    |              |
|--------------------|--------------|
| Analyte Symbol     | Spec<br>Grav |
| Unit Symbol        | -            |
| Lower Limit        | 0.01         |
| Method Code        | GRAV         |
| Cleaning Sand Meas | 2.57         |
| Cleaning Sand Cert | 2.61         |
| Method Blank       | < 0.01       |



**Date Submitted:** 22-Oct-15  
**Invoice No.:** A15-09038-SG  
**Invoice Date:** 08-Dec-15  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

95 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-09038-SG**

Code Sieve Report-Kamloops-Internal Sieve Report  
Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.  
Quality Control





**Results**

| Analyte Symbol | Spec Grav |
|----------------|-----------|
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5077007        | 2.83      |
| 5077032        | 2.52      |
| 5077033        | 2.89      |
| 5077045        | 2.87      |

## QC

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.57      |
| Cleaning Sand Cert | 2.61      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



Date Submitted: 22-Oct-15
Invoice No.: A15-09047-SG
Invoice Date: 05-Jan-16
Your Reference:

Skeena Resources Limited
Suite 611-675 West Hastings St.
Vancouver B.C. V6B 1N2
Canada

ATTN: Mike Cathro

CERTIFICATE OF ANALYSIS

92 Core samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)
Code Sieve Report-Kamloops-Internal Sieve Report

REPORT A15-09047-SG

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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:

[Signature]

Emmanuel Esemé, Ph.D.
Quality Control



|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5077066        | 2.87      |
| 5077076        | 2.57      |
| 5077078        | 2.69      |
| 5075316        | 2.93      |

| Analyte Symbol     | Spec Grav |
|--------------------|-----------|
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.64      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.61      |
| Cleaning Sand Cert | 2.61      |
| Cleaning Sand Meas | 2.57      |
| Cleaning Sand Cert | 2.61      |
| 5077076 Orig       | 2.56      |
| 5077076 Dup        | 2.58      |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |
| Method Blank       | < 0.01    |



**Date Submitted:** 23-Oct-15  
**Invoice No.:** A15-09108-SG  
**Invoice Date:** 05-Jan-16  
**Your Reference:** Spectrum Gold

Skeena Resources Limited  
Suite 611-675 West Hastings St.  
Vancouver B.C. V6B 1N2  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

96 Core samples were submitted for analysis.

The following analytical package was requested:

REPORT      **A15-09108-SG**

Code 1A2-50-Skeena-Kamloops Au - Fire Assay AA (QOP AA-Au)  
Code 1A3-50-Kamloops Au - Fire Assay Gravimetric (QOP AA-Au)  
Code Sieve Report-Kamloops-Internal Sieve Report

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Notes:

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

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control



|                |           |
|----------------|-----------|
| Analyte Symbol | Spec Grav |
| Unit Symbol    | -         |
| Lower Limit    | 0.01      |
| Method Code    | GRAV      |
| 5075328        | 2.73      |
| 5075385        | 2.80      |

|                    |           |
|--------------------|-----------|
| Analyte Symbol     | Spec Grav |
| Unit Symbol        | -         |
| Lower Limit        | 0.01      |
| Method Code        | GRAV      |
| Cleaning Sand Meas | 2.57      |
| Cleaning Sand Cert | 2.61      |
| 5075385 Orig       | 2.81      |
| 5075385 Dup        | 2.79      |
| Method Blank       | < 0.01    |



## 2016 Specific Gravity Analytical Certificates



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

To: SKEENA RESOURCES  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

Page: 1  
 Total # Pages: 4 (A)  
 Plus Appendix Pages  
 Finalized Date: 12-NOV-2016  
 Account: SKERES

**CERTIFICATE VA16188051**

Project: Spectrum  
 P.O. No.: SP-SG16-01  
 This report is for 86 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 31-OCT-2016.  
 The following have access to data associated with this certificate:

|                              |                              |                            |
|------------------------------|------------------------------|----------------------------|
| PAUL BAXTER<br>RAEGAN MARKEL | MIKE CATHRO<br>COLIN RUSSELL | GRAHAM GILES<br>JOHN TYLER |
|------------------------------|------------------------------|----------------------------|

| SAMPLE PREPARATION |                                |
|--------------------|--------------------------------|
| ALS CODE           | DESCRIPTION                    |
| WEI-21             | Received Sample Weight         |
| LOG-21             | Sample logging - ClientBarCode |

| ANALYTICAL PROCEDURES |                                |            |
|-----------------------|--------------------------------|------------|
| ALS CODE              | DESCRIPTION                    | INSTRUMENT |
| OA-GRA08a             | Specific Gravity with Wax Coat | WST-SEQ    |

To: SKEENA RESOURCES  
 ATTN: JOHN TYLER  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

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

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

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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To: SKEENA RESOURCES  
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 VANCOUVER BC V6E 0C3

Page: 2 - A  
 Total # Pages: 4 (A)  
 Plus Appendix Pages  
 Finalized Date: 12-NOV-2016  
 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS VA16188051**

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | OA-GRA08a S.G. Unity |
|--------------------|--------------------------|---------------------|----------------------|
|                    |                          | 0.02                | 0.01                 |
| S794601            |                          | 0.26                | 2.68                 |
| S794602            |                          | 0.20                | 2.66                 |
| S794603            |                          | 0.30                | 2.78                 |
| S794604            |                          | 0.76                | 2.65                 |
| S794605            |                          | 0.40                | 2.80                 |
| S794606            |                          | 0.18                | 2.72                 |
| S794607            |                          | 0.18                | 2.75                 |
| S794608            |                          | 0.20                | 2.72                 |
| S794609            |                          | 0.18                | 2.71                 |
| S794610            |                          | 0.38                | 2.68                 |
| S794611            |                          | 0.42                | 2.78                 |
| S794612            |                          | 0.56                | 2.89                 |
| S794613            |                          | 1.06                | 2.91                 |
| S794614            |                          | 0.24                | 2.75                 |
| S794615            |                          | 0.36                | 2.62                 |
| S794616            |                          | 0.30                | 2.71                 |
| S794617            |                          | 0.30                | 2.61                 |
| S794618            |                          | 0.54                | 2.75                 |
| S794619            |                          | 0.20                | 2.69                 |
| S794620            |                          | 0.20                | 2.73                 |
| S794621            |                          | 0.16                | 2.79                 |
| S794622            |                          | 0.12                | 2.73                 |
| S794623            |                          | 0.32                | 2.75                 |
| S794624            |                          | 0.26                | 3.05                 |
| S794625            |                          | 0.38                | 3.01                 |
| S794626            |                          | 0.26                | 2.83                 |
| S794627            |                          | 0.24                | 2.82                 |
| S794628            |                          | 0.28                | 2.72                 |
| S794629            |                          | 0.16                | 2.78                 |
| S794630            |                          | 0.10                | 2.71                 |
| S794631            |                          | 0.14                | 2.84                 |
| S794632            |                          | 0.20                | 3.07                 |
| S794633            |                          | 0.36                | 2.99                 |
| S794634            |                          | 0.28                | 2.79                 |
| S794635            |                          | 0.36                | 2.70                 |
| S794636            |                          | 0.22                | 3.02                 |
| S794637            |                          | 0.18                | 2.90                 |
| S794638            |                          | 0.20                | 2.77                 |
| S794639            |                          | 0.18                | 2.74                 |
| S794640            |                          | 0.22                | 2.89                 |



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 VANCOUVER BC V6E 0C3

Page: 3 - A  
 Total # Pages: 4 (A)  
 Plus Appendix Pages  
 Finalized Date: 12-NOV-2016  
 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS VA16188051**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg<br>0.02 | OA-GRA08a<br>S.G.<br>Unity<br>0.01 |
|--------------------|-----------------------------------|-----------------------------------|------------------------------------|
| S794641            |                                   | 0.26                              | 2.74                               |
| S794642            |                                   | 0.14                              | 2.67                               |
| S794643            |                                   | 0.26                              | 2.82                               |
| S794644            |                                   | 0.14                              | 2.69                               |
| S794645            |                                   | 0.42                              | 2.75                               |
| S794646            |                                   | 0.18                              | 2.91                               |
| S794647            |                                   | 0.18                              | 2.79                               |
| S794648            |                                   | 0.28                              | 2.74                               |
| S794649            |                                   | 0.26                              | 2.78                               |
| S794650            |                                   | 0.18                              | 2.74                               |
| S794651            |                                   | 0.16                              | 2.76                               |
| S794652            |                                   | 0.16                              | 2.69                               |
| S794653            |                                   | 0.22                              | 2.78                               |
| S794654            |                                   | 0.16                              | 2.68                               |
| S794655            |                                   | 0.18                              | 2.68                               |
| S794656            |                                   | 0.24                              | 2.84                               |
| S794657            |                                   | 0.14                              | 2.63                               |
| S794658            |                                   | 0.70                              | 2.67                               |
| S794659            |                                   | 0.52                              | 2.71                               |
| S794660            |                                   | 0.36                              | 2.66                               |
| S794661            |                                   | 0.16                              | 2.71                               |
| S794662            |                                   | 0.10                              | 2.73                               |
| S794663            |                                   | 0.14                              | 2.71                               |
| S794664            |                                   | 0.18                              | 2.68                               |
| S794665            |                                   | 0.14                              | 2.66                               |
| S794666            |                                   | 0.12                              | 2.72                               |
| S794667            |                                   | 0.22                              | 2.74                               |
| S794668            |                                   | 0.38                              | 2.81                               |
| S794669            |                                   | 0.26                              | 2.72                               |
| S794670            |                                   | 0.16                              | 2.70                               |
| S794671            |                                   | 0.16                              | 2.92                               |
| S794672            |                                   | 0.14                              | 2.81                               |
| S794673            |                                   | 0.40                              | 2.72                               |
| S794674            |                                   | 0.30                              | 2.60                               |
| S794675            |                                   | 0.56                              | 2.80                               |
| S794676            |                                   | 0.42                              | 2.80                               |
| S794677            |                                   | 0.24                              | 2.78                               |
| S794678            |                                   | 0.40                              | 2.64                               |
| S794679            |                                   | 0.56                              | 2.89                               |
| S794680            |                                   | 0.48                              | 2.65                               |

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



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

To: SKEENA RESOURCES  
 650 - 1021 WEST HASTINGS STREET  
 VANCOUVER BC V6E 0C3

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 Total # Pages: 4 (A)  
 Plus Appendix Pages  
 Finalized Date: 12-NOV-2016  
 Account: SKERES

Project: Spectrum

**CERTIFICATE OF ANALYSIS VA16188051**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg<br>0.02 | OA-GRA08a<br>S.G.<br>Unity<br>0.01 |
|--------------------|-----------------------------------|-----------------------------------|------------------------------------|
| S794681            |                                   | 0.38                              | 2.82                               |
| S794682            |                                   | 0.16                              | 2.87                               |
| S794683            |                                   | 0.42                              | 2.72                               |
| S794684            |                                   | 0.40                              | 2.47                               |
| S794685            |                                   | 0.50                              | 2.74                               |
| S794686            |                                   | 0.46                              | 2.81                               |

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

