

# CDN Resource Laboratories Ltd.

#2, 20148 – 102nd Ave, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 ([www.cdnlabs.com](http://www.cdnlabs.com))

## REFERENCE MATERIAL: CDN-ME-1804

Recommended values and the “Between Lab” Two Standard Deviations

|        |          |            |                       |                 |
|--------|----------|------------|-----------------------|-----------------|
| Gold   | 1.602 gt | ± 0.092 gt | 30 g FA, instrumental | Certified value |
| Silver | 137 ppm  | ± 7 ppm    | 4-Acid / ICP          | Certified value |
| Copper | 0.402 %  | ± 0.016 %  | 4 Acid / ICP          | Certified value |
| Lead   | 4.33 %   | ± 0.19 %   | 4 Acid / ICP          | Certified value |
| Zinc   | 9.94 %   | ± 0.44 %   | 4 Acid / ICP          | Certified value |
| Iron   | 31.26 %  | ± 1.25 %   | 4 Acid / ICP          | Certified value |

**Note:** Standards with an RSD of near or less than 5% are certified; RSD's of between 5% and 15% are Provisional; RSD's over 15% are Indicated. Provisional and Indicated values cannot be used to monitor accuracy with a high degree of certainty.

**PREPARED BY:**

CDN Resource Laboratories Ltd.

**CERTIFIED BY:**

Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia

**INDEPENDENT GEOCHEMIST:**

Dr. Barry Smee., Ph.D., P. Geo.

**DATE OF CERTIFICATION:**

June 6, 2018

### **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-ME-1804 was prepared from ore received from Trevali's Caribou deposit. The Caribou deposit is an advanced stage lead-zinc deposit located 50 kilometres west of Bathurst, New Brunswick, Canada.

The Caribou deposit is a volcanic hosted massive sulphide deposit (VMS). The VMS deposits typically form lenses of polymetallic massive sulphide. Most deposits are zoned vertically and laterally from a high-temperature, vent-proximal, Cu-Co-Bi-rich veined and brecciated core to vent-distal Zn-Pb-Ag-rich hydrothermal sediments. The vent complex is commonly underlain by a highly deformed sulphide stringer zone that extends hundreds of metres beneath deposits and consists of veins and impregnations of sulphides, silicates, and carbonates that cut chloritized and sericitized volcanic and sedimentary rocks.

### **METHOD OF PREPARATION:**

Reject ore material was dried, crushed, pulverized and then passed through a 270-mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone mixer. Splits were taken and sent to 15 commercial laboratories for round robin assaying.

### **Approximate chemical composition (from whole rock analysis) is as follows:**

|                                | Percent |                   | Percent |
|--------------------------------|---------|-------------------|---------|
| SiO <sub>2</sub>               | 8.2     | Na <sub>2</sub> O | <0.1    |
| Al <sub>2</sub> O <sub>3</sub> | 1.4     | MgO               | 1.6     |
| Fe <sub>2</sub> O <sub>3</sub> | 44.7    | K <sub>2</sub> O  | 0.3     |
| CaO                            | 1.2     | TiO <sub>2</sub>  | <0.1    |
| MnO                            | 0.4     | LOI               | 24.5    |
| S                              | 34.5    | C                 | 1.0     |

## **Statistical Procedures:**

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean  $\pm 2$  standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

## **Assay Procedures:**

**Au:** 30 gr. fire assay pre-concentration, AA or ICP finish.  
**Ag, Cu, Pb, Zn, Fe:** 4-acid digestion, AA or ICP finish.

## **Results from round-robin assaying:**

| Fire Assay        | Lab 1  | Lab 2  | Lab 3  | Lab 4  | Lab 5  | Lab 6  | Lab 7  | Lab 8  | Lab 9  | Lab 10 | Lab 11 | Lab 12 | Lab 13 | Lab 14 | Lab 15 |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                   | Au g/t |
| <b>ME-1804-1</b>  | 1.59   | 1.53   | 1.615  | 1.580  | 1.65   | 1.55   | 1.685  | 1.625  | 1.731  | 1.610  | 1.602  | 1.654  | 1.539  | 1.63   | 1.590  |
| <b>ME-1804-2</b>  | 1.59   | 1.58   | 1.600  | 1.580  | 1.60   | 1.63   | 1.658  | 1.607  | 1.734  | 1.594  | 1.634  | 1.601  | 1.581  | 1.62   | 1.545  |
| <b>ME-1804-3</b>  | 1.59   | 1.54   | 1.620  | 1.600  | 1.56   | 1.47   | 1.701  | 1.625  | 1.696  | 1.599  | 1.680  | 1.628  | 1.553  | 1.62   | 1.595  |
| <b>ME-1804-4</b>  | 1.57   | 1.47   | 1.605  | 1.560  | 1.60   | 1.53   | 1.710  | 1.632  | 1.668  | 1.615  | 1.589  | 1.634  | 1.568  | 1.65   | 1.625  |
| <b>ME-1804-5</b>  | 1.54   | 1.46   | 1.600  | 1.585  | 1.57   | 1.52   | 1.739  | 1.594  | 1.668  | 1.602  | 1.670  | 1.620  | 1.594  | 1.62   | 1.630  |
| <b>ME-1804-6</b>  | 1.56   | 1.54   | 1.580  | 1.545  | 1.57   | 1.46   | 1.717  | 1.601  | 1.689  | 1.593  | 1.653  | 1.617  | 1.554  | 1.65   | 1.625  |
| <b>ME-1804-7</b>  | 1.60   | 1.56   | 1.615  | 1.585  | 1.60   | 1.54   | 1.751  | 1.597  | 1.748  | 1.597  | 1.650  | 1.607  | 1.545  | 1.61   | 1.565  |
| <b>ME-1804-8</b>  | 1.59   | 1.55   | 1.605  | 1.565  | 1.55   | 1.48   | 1.695  | 1.513  | 1.720  | 1.593  | 1.636  | 1.596  | 1.522  | 1.59   | 1.605  |
| <b>ME-1804-9</b>  | 1.57   | 1.47   | 1.605  | 1.630  | 1.60   | 1.51   | 1.733  | 1.608  | 1.768  | 1.622  | 1.628  | 1.620  | 1.514  | 1.66   | 1.590  |
| <b>ME-1804-10</b> | 1.62   | 1.57   | 1.600  | 1.570  | 1.54   | 1.39   | 1.725  | 1.626  | 1.753  | 1.604  | 1.622  | 1.652  | 1.535  | 1.60   | 1.605  |
| <b>Mean</b>       | 1.58   | 1.53   | 1.605  | 1.580  | 1.58   | 1.51   | 1.711  | 1.603  | 1.718  | 1.603  | 1.636  | 1.623  | 1.551  | 1.62   | 1.598  |
| <b>Std. Dev.</b>  | 0.023  | 0.044  | 0.011  | 0.023  | 0.032  | 0.064  | 0.028  | 0.034  | 0.036  | 0.010  | 0.028  | 0.020  | 0.025  | 0.023  | 0.027  |
| <b>% RSD</b>      | 1.42   | 2.90   | 0.70   | 1.48   | 2.04   | 4.24   | 1.62   | 2.14   | 2.07   | 0.62   | 1.73   | 1.21   | 1.62   | 1.40   | 1.70   |

| Instrumental      | Lab 1  | Lab 2  | Lab 3  | Lab 4  | Lab 5  | Lab 6  | Lab 7  | Lab 8  | Lab 9  | Lab 10 | Lab 11 | Lab 12 | Lab 13 | Lab 14 | Lab 15 |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                   | Ag g/t |
| <b>ME-1804-1</b>  | 131    | 135    | 135    | 145    | 136    | 135    | 132.0  | 148    | 141    | 140    | 134.8  | 135.9  | 131    | 138    | 139    |
| <b>ME-1804-2</b>  | 134    | 130    | 139    | 137    | 138    | 139    | 131.6  | 148    | 140    | 141    | 136.1  | 136.2  | 129    | 145    | 138    |
| <b>ME-1804-3</b>  | 131    | 135    | 136    | 133    | 138    | 140    | 132.6  | 147    | 139    | 138    | 134.7  | 134.8  | 131    | 140    | 135    |
| <b>ME-1804-4</b>  | 132    | 137    | 138    | 137    | 134    | 142    | 133.6  | 147    | 141    | 138    | 137.0  | 135.5  | 127    | 140    | 136    |
| <b>ME-1804-5</b>  | 131    | 136    | 139    | 137    | 134    | 143    | 134.8  | 1460   | 138    | 139    | 133.8  | 135.6  | 127    | 144    | 138    |
| <b>ME-1804-6</b>  | 132    | 134    | 143    | 140    | 133    | 140    | 134.5  | 150    | 140    | 139    | 135.0  | 134.3  | 129    | 145    | 138    |
| <b>ME-1804-7</b>  | 132    | 139    | 144    | 137    | 137    | 146    | 135.6  | 150    | 139    | 141    | 133.3  | 133.6  | 129    | 142    | 139    |
| <b>ME-1804-8</b>  | 138    | 137    | 141    | 143    | 139    | 143    | 131.3  | 150    | 141    | 139    | 133.9  | 137.3  | 129    | 141    | 137    |
| <b>ME-1804-9</b>  | 136    | 137    | 144    | 132    | 137    | 143    | 132.0  | 146    | 140    | 139    | 135.3  | 136.4  | 130    | 140    | 136    |
| <b>ME-1804-10</b> | 133    | 138    | 143    | 137    | 135    | 137    | 131.6  | 148    | 139    | 138    | 133.6  | 138.7  | 127    | 142    | 136    |
| <b>Mean</b>       | 133    | 136    | 140    | 138    | 136    | 141    | 133.0  | 148    | 140    | 139    | 134.7  | 135.8  | 129    | 142    | 137    |
| <b>Std. Dev.</b>  | 2.357  | 2.530  | 3.293  | 3.994  | 2.025  | 3.259  | 1.548  | 1.563  | 1.033  | 1.135  | 1.169  | 1.468  | 1.524  | 2.359  | 1.398  |
| <b>% RSD</b>      | 1.77   | 1.86   | 2.35   | 2.90   | 1.49   | 2.31   | 1.16   | 1.06   | 0.74   | 0.82   | 0.87   | 1.08   | 1.18   | 1.67   | 1.02   |

Notes: Ag results from Lab 8 and Lab 13 were removed for failing the t test.

**Results from round-robin assaying-Continue:**

| Instrumental | Lab 1 | Lab 2 | Lab 3 | Lab 4 | Lab 5 | Lab 6 | Lab 7 | Lab 8 | Lab 9 | Lab 10 | Lab 11 | Lab 12 | Lab 13 | Lab 14 | Lab 15 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
|              | % Cu   | % Cu   | % Cu   | % Cu   | % Cu   | % Cu   |
| ME-1804-1    | 0.404 | 0.399 | 0.390 | 0.411 | 0.397 | 0.378 | 0.410 | 0.430 | 0.409 | 0.408  | 0.404  | 0.408  | 0.394  | 0.390  | 0.402  |
| ME-1804-2    | 0.398 | 0.384 | 0.393 | 0.411 | 0.402 | 0.391 | 0.410 | 0.427 | 0.415 | 0.411  | 0.409  | 0.405  | 0.390  | 0.390  | 0.398  |
| ME-1804-3    | 0.408 | 0.400 | 0.388 | 0.399 | 0.397 | 0.400 | 0.410 | 0.429 | 0.410 | 0.406  | 0.408  | 0.407  | 0.390  | 0.390  | 0.394  |
| ME-1804-4    | 0.406 | 0.405 | 0.393 | 0.401 | 0.389 | 0.395 | 0.410 | 0.431 | 0.413 | 0.411  | 0.402  | 0.406  | 0.384  | 0.400  | 0.406  |
| ME-1804-5    | 0.406 | 0.406 | 0.402 | 0.409 | 0.390 | 0.393 | 0.410 | 0.426 | 0.406 | 0.411  | 0.401  | 0.409  | 0.386  | 0.400  | 0.393  |
| ME-1804-6    | 0.399 | 0.401 | 0.407 | 0.407 | 0.386 | 0.378 | 0.410 | 0.428 | 0.413 | 0.405  | 0.406  | 0.403  | 0.394  | 0.390  | 0.399  |
| ME-1804-7    | 0.411 | 0.406 | 0.408 | 0.398 | 0.400 | 0.386 | 0.400 | 0.430 | 0.411 | 0.411  | 0.404  | 0.403  | 0.391  | 0.400  | 0.405  |
| ME-1804-8    | 0.413 | 0.411 | 0.401 | 0.417 | 0.401 | 0.397 | 0.410 | 0.424 | 0.410 | 0.409  | 0.404  | 0.402  | 0.391  | 0.390  | 0.402  |
| ME-1804-9    | 0.420 | 0.405 | 0.407 | 0.408 | 0.394 | 0.387 | 0.410 | 0.423 | 0.411 | 0.404  | 0.411  | 0.404  | 0.392  | 0.390  | 0.398  |
| ME-1804-10   | 0.410 | 0.417 | 0.403 | 0.403 | 0.389 | 0.390 | 0.410 | 0.426 | 0.407 | 0.411  | 0.408  | 0.401  | 0.388  | 0.400  | 0.393  |
| Mean         | 0.408 | 0.403 | 0.399 | 0.406 | 0.395 | 0.390 | 0.409 | 0.427 | 0.411 | 0.409  | 0.406  | 0.405  | 0.390  | 0.394  | 0.399  |
| Std. Dev.    | 0.007 | 0.009 | 0.008 | 0.006 | 0.006 | 0.007 | 0.003 | 0.003 | 0.003 | 0.003  | 0.003  | 0.003  | 0.003  | 0.005  | 0.005  |
| % RSD        | 1.60  | 2.15  | 1.89  | 1.49  | 1.45  | 1.90  | 0.77  | 0.63  | 0.67  | 0.68   | 0.78   | 0.66   | 0.83   | 1.31   | 1.19   |
| Instrumental | Lab 1 | Lab 2 | Lab 3 | Lab 4 | Lab 5 | Lab 6 | Lab 7 | Lab 8 | Lab 9 | Lab 10 | Lab 11 | Lab 12 | Lab 13 | Lab 14 | Lab 15 |
|              | % Pb   | % Pb   | % Pb   | % Pb   | % Pb   | % Pb   |
| ME-1804-1    | 4.09  | 4.28  | 4.27  | 4.45  | 4.31  | 4.20  | 4.55  | 4.44  | 4.42  | 4.37   | 4.39   | 4.39   | 4.38   | 4.13   | 4.37   |
| ME-1804-2    | 4.09  | 4.18  | 4.32  | 4.26  | 4.38  | 4.48  | 4.52  | 4.49  | 4.44  | 4.42   | 4.44   | 4.35   | 4.37   | 4.18   | 4.36   |
| ME-1804-3    | 4.19  | 4.26  | 4.22  | 4.15  | 4.31  | 4.46  | 4.56  | 4.44  | 4.38  | 4.41   | 4.43   | 4.40   | 4.36   | 4.16   | 4.31   |
| ME-1804-4    | 4.17  | 4.26  | 4.27  | 4.19  | 4.23  | 4.46  | 4.56  | 4.42  | 4.42  | 4.41   | 4.39   | 4.36   | 4.45   | 4.12   | 4.37   |
| ME-1804-5    | 4.21  | 4.28  | 4.38  | 4.21  | 4.24  | 4.39  | 4.57  | 4.46  | 4.39  | 4.39   | 4.33   | 4.38   | 4.29   | 4.21   | 4.30   |
| ME-1804-6    | 4.26  | 4.28  | 4.45  | 4.25  | 4.21  | 4.35  | 4.58  | 4.51  | 4.41  | 4.39   | 4.38   | 4.28   | 4.33   | 4.07   | 4.33   |
| ME-1804-7    | 4.24  | 4.14  | 4.47  | 4.18  | 4.35  | 4.43  | 4.51  | 4.54  | 4.41  | 4.38   | 4.38   | 4.31   | 4.37   | 4.17   | 4.35   |
| ME-1804-8    | 4.21  | 4.20  | 4.40  | 4.36  | 4.41  | 4.37  | 4.54  | 4.45  | 4.38  | 4.38   | 4.38   | 4.29   | 4.24   | 4.20   | 4.35   |
| ME-1804-9    | 4.22  | 4.27  | 4.45  | 4.08  | 4.31  | 4.37  | 4.55  | 4.40  | 4.38  | 4.36   | 4.41   | 4.36   | 4.22   | 4.13   | 4.32   |
| ME-1804-10   | 4.24  | 4.15  | 4.42  | 4.16  | 4.26  | 4.30  | 4.54  | 4.37  | 4.40  | 4.40   | 4.40   | 4.26   | 4.23   | 4.18   | 4.30   |
| Mean         | 4.19  | 4.23  | 4.36  | 4.23  | 4.30  | 4.38  | 4.55  | 4.45  | 4.40  | 4.39   | 4.39   | 4.34   | 4.32   | 4.15   | 4.34   |
| Std. Dev.    | 0.060 | 0.057 | 0.089 | 0.108 | 0.066 | 0.085 | 0.021 | 0.051 | 0.021 | 0.019  | 0.030  | 0.049  | 0.076  | 0.042  | 0.028  |
| % RSD        | 1.42  | 1.34  | 2.04  | 2.55  | 1.54  | 1.94  | 0.47  | 1.14  | 0.47  | 0.44   | 0.68   | 1.14   | 1.77   | 1.02   | 0.64   |
| Instrumental | Lab 1 | Lab 2 | Lab 3 | Lab 4 | Lab 5 | Lab 6 | Lab 7 | Lab 8 | Lab 9 | Lab 10 | Lab 11 | Lab 12 | Lab 13 | Lab 14 | Lab 15 |
|              | % Zn   | % Zn   | % Zn   | % Zn   | % Zn   | % Zn   |
| ME-1804-1    | 9.81  | 9.91  | 9.85  | 10.30 | 9.72  | 9.85  | 10.25 | 10.65 | 9.57  | 9.73   | 9.71   | 10.01  | 10.10  | 10.00  | 9.93   |
| ME-1804-2    | 9.76  | 9.75  | 9.96  | 10.35 | 9.84  | 9.84  | 10.30 | 10.53 | 9.57  | 9.89   | 9.80   | 9.99   | 10.10  | 10.20  | 9.89   |
| ME-1804-3    | 9.83  | 9.98  | 9.81  | 10.05 | 9.72  | 9.82  | 10.37 | 10.62 | 9.53  | 9.84   | 9.78   | 10.04  | 10.10  | 10.20  | 9.77   |
| ME-1804-4    | 9.85  | 10.10 | 9.89  | 10.10 | 9.54  | 10.00 | 10.25 | 10.70 | 9.60  | 9.88   | 9.73   | 10.10  | 10.10  | 10.20  | 9.98   |
| ME-1804-5    | 9.82  | 10.00 | 10.15 | 10.30 | 9.59  | 9.85  | 10.30 | 10.56 | 9.51  | 9.91   | 9.66   | 10.06  | 9.96   | 10.30  | 9.73   |
| ME-1804-6    | 9.74  | 9.97  | 10.30 | 10.25 | 9.50  | 9.75  | 10.43 | 10.60 | 9.60  | 9.74   | 9.70   | 10.20  | 9.97   | 9.91   | 9.90   |
| ME-1804-7    | 9.87  | 10.10 | 10.30 | 10.05 | 9.70  | 9.75  | 10.19 | 10.61 | 9.65  | 9.84   | 9.70   | 9.95   | 10.10  | 10.30  | 10.00  |
| ME-1804-8    | 9.90  | 10.10 | 10.15 | 10.50 | 9.80  | 9.75  | 10.31 | 10.55 | 9.59  | 9.78   | 9.66   | 10.15  | 9.93   | 10.00  | 9.94   |
| ME-1804-9    | 10.10 | 9.98  | 10.30 | 10.25 | 9.62  | 9.75  | 10.23 | 10.49 | 9.62  | 9.71   | 9.74   | 10.22  | 9.92   | 10.00  | 9.85   |
| ME-1804-10   | 9.95  | 10.20 | 10.20 | 10.15 | 9.73  | 9.79  | 10.28 | 10.52 | 9.59  | 9.84   | 9.73   | 10.07  | 9.83   | 10.20  | 9.76   |
| Mean         | 9.86  | 10.01 | 10.09 | 10.23 | 9.68  | 9.81  | 10.29 | 10.58 | 9.58  | 9.82   | 9.72   | 10.08  | 10.01  | 10.13  | 9.87   |
| Std. Dev.    | 0.104 | 0.125 | 0.196 | 0.144 | 0.110 | 0.078 | 0.070 | 0.065 | 0.041 | 0.071  | 0.045  | 0.089  | 0.101  | 0.140  | 0.095  |
| % RSD        | 1.05  | 1.25  | 1.94  | 1.41  | 1.14  | 0.80  | 0.68  | 0.61  | 0.43  | 0.73   | 0.46   | 0.88   | 1.01   | 1.38   | 0.96   |

## Results from round-robin assaying-Continue:

| Instrumental | Lab 1 | Lab 2 | Lab 3 | Lab 4 | Lab 5 | Lab 6 | Lab 7 | Lab 8 | Lab 9 | Lab 10 | Lab 11 | Lab 12 | Lab 13 | Lab 14 | Lab 15 |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
|              | % Fe   | % Fe   | % Fe   | % Fe   | % Fe   | % Fe   |
| ME-1804-1    | 30.5  | 30.8  | 29.8  |       | 30.9  | 30.5  | 33.5  | 33.0  | >30.0 | 32.0   | 31.5   | 36.7   | 31.1   | >30.0  | 31.7   |
| ME-1804-2    | 30.5  | 30.1  | 30.2  |       | 31.3  | 31.2  | 33.2  | 32.7  | >30.0 | 32.3   | 31.6   | 36.2   | 31.1   | >30.0  | 31.5   |
| ME-1804-3    | 30.8  | 30.8  | 29.6  |       | 31.0  | 30.8  | 33.8  | 33.0  | >30.0 | 32.2   | 31.7   | 36.7   | 31.3   | >30.0  | 31.5   |
| ME-1804-4    | 30.8  | 31.3  | 30.0  |       | 30.4  | 31.7  | 33.5  | 33.3  | >30.0 | 32.3   | 31.6   | 36.7   | 31.1   | >30.0  | 31.7   |
| ME-1804-5    | 30.8  | 31.0  | 30.6  |       | 30.4  | 31.2  | 33.5  | 32.8  | >30.0 | 32.1   | 31.1   | 36.7   | 30.9   | >30.0  | 31.2   |
| ME-1804-6    | 30.6  | 30.8  | 31.2  |       | 30.1  | 31.6  | 33.7  | 33.0  | >30.0 | 32.0   | 31.4   | 36.4   | 30.9   | >30.0  | 31.4   |
| ME-1804-7    | 31.1  | 31.2  | 31.1  |       | 31.2  | 30.9  | 33.4  | 33.1  | >30.0 | 32.0   | 31.4   | 36.3   | 31.1   | >30.0  | 31.7   |
| ME-1804-8    | 31.2  | 31.3  | 30.8  |       | 31.5  | 30.8  | 33.4  | 32.8  | >30.0 | 31.9   | 31.2   | 36.1   | 30.4   | >30.0  | 31.6   |
| ME-1804-9    | 31.5  | 31.1  | 31.2  |       | 30.9  | 31.0  | 33.6  | 32.6  | >30.0 | 31.9   | 31.4   | 36.3   | 30.7   | >30.0  | 31.6   |
| ME-1804-10   | 31.5  | 31.9  | 30.9  |       | 30.6  | 30.7  | 33.2  | 32.8  | >30.0 | 32.1   | 31.4   | 36.3   | 30.2   | >30.0  | 31.3   |
| Mean         | 30.9  | 31.0  | 30.5  |       | 30.8  | 31.0  | 33.5  | 32.9  |       | 32.1   | 31.4   | 36.4   | 30.9   |        | 31.5   |
| Std. Dev.    | 0.377 | 0.467 | 0.599 |       | 0.447 | 0.386 | 0.178 | 0.200 |       | 0.141  | 0.168  | 0.233  | 0.349  |        | 0.175  |
| % RSD        | 1.22  | 1.50  | 1.96  |       | 1.45  | 1.24  | 0.53  | 0.61  |       | 0.44   | 0.53   | 0.64   | 1.13   |        | 0.56   |

Notes: Cu results from Lab 8 were removed for failing the t test.  
 Pb results from Lab 7 were removed for failing the t test.  
 Zn results from Lab 8 were removed for failing the t test.  
 Fe results from Lab 7 and Lab 12 were removed for failing the t test.  
 Fe values were higher than Lab 9 and Lab 14 detection limit.  
 Lab 4 did not report Fe values.

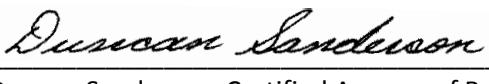
### Participating Laboratories: (not in same order as table of assays)

|   |  |
|---|--|
| Activation Laboratories, Ancaster, Ontario, Canada    | Bureau Veritas, Vancouver, BC, Canada        |
| Activation Laboratories, Thunder Bay, Ontario, Canada | Certimin S.A., Lima, Peru                    |
| ALS Canada, North Vancouver, BC, Canada               | MS Analytical, Langley, BC, Canada           |
| ALS, Loughrea, Ireland                                | SGS, Vancouver, BC, Canada                   |
| ALS, Lima, Peru                                       | SGS, Lima, Peru                              |
| ALS, Perth Australia                                  | SGS, Lakefield, Ontario, Canada              |
| Bureau Veritas, Perth, Australia                      | TSL Laboratories Ltd., Saskatoon, SK, Canada |
| Skyline Assayers & Laboratories, AZ, USA              |  |

### Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. or Barry Smee accept no liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by

  
 Duncan Sanderson  
 Duncan Sanderson, Certified Assayer of B.C.

Geochemist

  
 Dr. Barry Smee, Ph.D., P. Geo.