



Bureau Veritas Minerals Pty Ltd



MINERAL TESTING & LABORATORY SERVICES

ABN: 30 008 127 802

58 Sorbonne Crescent Canning Vale  
Perth WA 6155 Australia

Telephone (08) 9456 0404  
Facsimile (08) 9456 0403

Reference: **u282369**  
Date Finished: 07/12/2017  
Order: NC\_004  
Project: Wollogorang  
Date Received: 17/11/2017  
Samples Analysed: **248**

## FINAL ANALYSIS REPORT

### Analysis of Mineral Samples

for

**Northern Cobalt Ltd**

67 Goodwood Rd Wayville SA 5034

**Attention:** Mr. M Schwarz

**Authorised By:**

Tom Lowther

Operations Manager

Bureau Veritas Minerals Pty Ltd



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|                 | Aul<br>ppb | Pt<br>ppb | Pd<br>ppb | Ca<br>% | Cr<br>ppm | Fe<br>% | K<br>% | Mg<br>% |
|-----------------|------------|-----------|-----------|---------|-----------|---------|--------|---------|
| Detection Limit | 1          | 5         | 5         | 0.01    | 10        | 0.01    | 0.01   | 0.01    |
| 14675           | 1          | <5        | <5        | 0.11    | 50        | 8.86    | 6.60   | 0.49    |
| 14676           | 10         | 5         | <5        | 0.04    | 40        | 2.11    | 10.5   | 0.18    |
| Std Nominal     | 52         | 45        | 45        | 0.10    | 1.70%     | 47.5    | <0.01  | 1.86    |
| Determined      | 51         | 45        | 45        | 0.10    | 1.54%     | 46.5    | 0.01   | 1.80    |
| 14677           | 3          | <5        | <5        | 0.05    | 30        | 3.39    | 2.74   | 0.23    |
| 14677 Rpt       | 2          | <5        | <5        | 0.07    | 20        | 3.28    | 2.70   | 0.23    |
| 14678           | 1          | <5        | <5        | 0.07    | 10        | 1.05    | 1.72   | 0.23    |
| 14679           | <1         | <5        | <5        | 0.14    | 20        | 2.12    | 3.95   | 0.77    |
| 14680           | IS         | IS        | IS        | 0.06    | 40        | 8.70    | 0.16   | 2.10    |
| 14681           | 15         | <5        | <5        | 0.15    | 50        | 4.54    | 4.89   | 1.34    |
| 14682           | 4          | <5        | <5        | 0.15    | 60        | 4.08    | 5.19   | 1.85    |
| 149527          | <1         | <5        | <5        | 0.12    | 20        | 1.38    | 2.64   | 0.53    |
| 14687           | 3          | <5        | <5        | 0.09    | 10        | 2.30    | 2.30   | 0.48    |
| 14688           | 1          | <5        | <5        | 0.15    | 40        | 4.22    | 5.29   | 1.22    |
| 14688 Rpt       | 2          | <5        | <5        | 0.16    | 30        | 4.29    | 5.40   | 1.24    |
| 14689           | 15         | <5        | <5        | 4.49    | 20        | 2.94    | 5.84   | 3.38    |
| 14690           | 14         | <5        | <5        | 4.68    | 30        | 2.97    | 6.12   | 3.24    |
| 149528          | 1          | <5        | <5        | 4.43    | 30        | 4.10    | 6.52   | 3.07    |
| 149529          | 2          | <5        | <5        | 4.09    | 40        | 4.08    | 4.87   | 2.77    |
| 149530          | <1         | <5        | <5        | 4.30    | 50        | 4.50    | 4.85   | 2.81    |
| 149531          | 3          | <5        | <5        | 3.34    | 50        | 5.18    | 4.94   | 2.34    |
| 14706           | <1         | <5        | <5        | 14.4    | 30        | 5.22    | 2.63   | 7.78    |
| 14707           | <1         | <5        | <5        | 8.48    | 30        | 3.90    | 6.51   | 4.47    |
| 14708           | 1          | <5        | <5        | 3.75    | 20        | 4.43    | 7.91   | 2.87    |
| 14709           | <1         | <5        | <5        | 4.55    | 20        | 4.38    | 7.63   | 3.25    |
| 14710           | 1          | <5        | <5        | 4.97    | 20        | 4.69    | 7.48   | 3.42    |
| 14711           | 1          | <5        | <5        | 7.04    | 20        | 5.02    | 6.30   | 4.43    |
| 14712           | <1         | <5        | <5        | 5.16    | 20        | 8.17    | 5.45   | 4.85    |
| 14713           | 1          | <5        | <5        | 2.72    | 20        | 10.2    | 5.74   | 4.62    |
| 14714           | 2          | <5        | <5        | 1.54    | 20        | 11.9    | 5.92   | 3.71    |
| 14715           | 1          | <5        | <5        | 3.03    | 20        | 11.6    | 4.50   | 4.84    |
| 14716           | 1          | <5        | <5        | 5.59    | 20        | 6.95    | 5.44   | 3.75    |
| Std Nominal     | 1.37M      |           |           | 1.53    | 1670      | 9.20    | 0.09   | 19.7    |
| Determined      | 1.39M      | <5        | <5        | 1.51    | 1200      | 9.19    | 0.10   | 19.5    |
| 14717           | 1          | <5        | <5        | 3.89    | 30        | 7.18    | 7.81   | 2.85    |
| 14718           | 1          | <5        | <5        | 1.55    | 30        | 12.0    | 6.03   | 4.04    |
| 14719           | <1         | <5        | <5        | 2.80    | 30        | 10.3    | 6.07   | 3.92    |
| 14720           | IS         | IS        | IS        | 1.72    | 6780      | 24.5    | 0.10   | 1.22    |
| 14721           | <1         | <5        | <5        | 2.40    | 30        | 11.0    | 6.16   | 3.72    |
| 14721 Rpt       | <1         | <5        | <5        | 2.44    | 20        | 11.3    | 6.32   | 3.76    |
| 14722           | 1          | <5        | <5        | 4.51    | 20        | 11.6    | 3.73   | 4.93    |
| 14723           | 1          | <5        | <5        | 4.41    | 20        | 11.1    | 4.79   | 4.59    |



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|                 | Au1<br>ppb | Pt<br>ppb | Pd<br>ppb | Ca<br>% | Cr<br>ppm | Fe<br>% | K<br>% | Mg<br>% |
|-----------------|------------|-----------|-----------|---------|-----------|---------|--------|---------|
| Detection Limit | 1          | 5         | 5         | 0.01    | 10        | 0.01    | 0.01   | 0.01    |
| 14724           | <1         | <5        | <5        | 2.29    | 20        | 11.2    | 4.55   | 4.16    |
| 14725           | 1          | <5        | <5        | 1.72    | 20        | 10.2    | 5.44   | 4.02    |
| 14726           | 1          | <5        | <5        | 1.72    | 20        | 9.68    | 5.01   | 3.79    |
| 149532          | 1          | <5        | <5        | 1.66    | 20        | 10.3    | 5.30   | 4.25    |
| 149532 Rpt      | <1         | <5        | <5        | 1.67    | 20        | 10.3    | 4.97   | 4.22    |
| 149533          | 4          | <5        | <5        | 1.24    | 20        | 10.3    | 3.40   | 5.11    |
| 149534          | 1          | <5        | <5        | 1.81    | 20        | 10.2    | 4.55   | 4.74    |
| 149535          | 5          | <5        | <5        | 6.19    | 20        | 5.52    | 3.88   | 4.26    |
| 149536          | <1         | <5        | <5        | 13.6    | 20        | 5.01    | 1.87   | 7.59    |
| 14748           | <1         | <5        | <5        | 11.7    | 10        | 3.89    | 1.26   | 6.44    |
| 14749           | 2          | <5        | <5        | 4.45    | 30        | 3.16    | 3.78   | 2.88    |
| 14750           | 12         | <5        | <5        | 2.98    | 20        | 2.93    | 2.73   | 1.82    |
| Std Nominal     | 860        | 910       | 690       | 8.22    | 30        | 6.27    | 0.21   | 4.52    |
| Determined      | 876        | 920       | 680       | 8.28    | 20        | 6.33    | 0.22   | 4.54    |
| 14751           | <1         | <5        | <5        | 3.90    | 20        | 7.36    | 3.67   | 3.96    |
| 14752           | <1         | <5        | <5        | 3.74    | <10       | 9.54    | 3.88   | 4.40    |
| 14752 Rpt       | <1         | <5        | <5        | 3.77    | 10        | 9.64    | 3.55   | 4.44    |
| 14753           | 1          | <5        | <5        | 4.37    | 10        | 9.23    | 3.53   | 3.81    |
| 14754           | 3          | <5        | <5        | 1.82    | 10        | 10.9    | 4.22   | 3.86    |
| 14755           | <1         | <5        | <5        | 2.43    | <10       | 10.3    | 6.74   | 3.22    |
| 149537          | <1         | <5        | <5        | 3.16    | <10       | 10.7    | 4.93   | 4.63    |
| 149538          | <1         | <5        | <5        | 1.84    | <10       | 10.7    | 4.47   | 4.55    |
| 149539          | <1         | <5        | <5        | 0.91    | <10       | 11.6    | 4.23   | 4.25    |
| 149540          | <1         | <5        | <5        | 0.88    | <10       | 11.8    | 3.96   | 4.38    |
| 149541          | 4          | <5        | <5        | 10.1    | 10        | 6.14    | 3.50   | 6.41    |
| 149542          | 8          | <5        | <5        | 13.8    | 20        | 6.24    | 2.42   | 7.87    |
| 149543          | 1          | <5        | <5        | 2.61    | 20        | 9.53    | 3.97   | 4.13    |
| 149544          | <1         | <5        | <5        | 0.25    | 20        | 3.06    | 0.94   | 0.39    |
| 14782           | 1          | <5        | <5        | 0.06    | 10        | 2.46    | 1.49   | 0.15    |
| 14783           | 2          | <5        | <5        | 0.06    | 10        | 2.15    | 3.10   | 0.41    |
| 14783 Rpt       | 1          | <5        | <5        | 0.06    | 10        | 2.14    | 3.11   | 0.41    |
| 14784           | 2          | <5        | <5        | 0.06    | <10       | 2.01    | 2.11   | 0.23    |
| 14785           | 6          | <5        | <5        | 3.95    | 30        | 3.56    | 4.32   | 2.89    |
| 149545          | 4          | <5        | <5        | 4.15    | 40        | 4.29    | 3.38   | 2.93    |
| 149546          | 1          | <5        | <5        | 4.22    | 50        | 4.27    | 4.61   | 2.79    |
| 149547          | 1          | <5        | <5        | 4.45    | 40        | 4.37    | 3.88   | 2.84    |
| 149548          | <1         | <5        | <5        | 4.20    | 40        | 4.89    | 4.47   | 2.71    |
| 14803           | <1         | <5        | <5        | 3.53    | 40        | 5.04    | 4.83   | 2.23    |
| Std Nominal     | 2.42M      |           |           | 5.91    | 230       | 9.63    | 0.60   | 4.05    |
| Determined      | 2.42M      | <5        | <5        | 5.87    | 180       | 9.84    | 0.61   | 4.01    |
| 14804           | 2          | <5        | <5        | 3.29    | 20        | 2.91    | 3.81   | 1.98    |
| 14805           | 1          | <5        | <5        | 4.27    | 10        | 2.15    | 1.73   | 1.90    |
| 14806           | 5          | <5        | <5        | 4.91    | 20        | 5.05    | 7.18   | 2.15    |



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|                 | Au1<br>ppb | Pt<br>ppb | Pd<br>ppb | Ca<br>% | Cr<br>ppm | Fe<br>% | K<br>% | Mg<br>% |
|-----------------|------------|-----------|-----------|---------|-----------|---------|--------|---------|
| Detection Limit | 1          | 5         | 5         | 0.01    | 10        | 0.01    | 0.01   | 0.01    |
| 14807           | 1          | <5        | <5        | 3.95    | 30        | 8.15    | 4.10   | 2.34    |
| 14808           | <1         | <5        | <5        | 3.66    | 30        | 6.37    | 3.48   | 2.07    |
| 14809           | 1          | <5        | <5        | 3.68    | 30        | 5.78    | 2.02   | 1.98    |
| 14810           | 1          | <5        | <5        | 3.43    | 20        | 8.69    | 4.20   | 1.93    |
| 14811           | 1          | <5        | <5        | 2.55    | 20        | 11.4    | 4.14   | 3.03    |
| 14812           | <1         | <5        | <5        | 2.58    | 20        | 11.3    | 3.98   | 2.88    |
| 14813           | 2          | <5        | <5        | 3.46    | 20        | 13.2    | 5.51   | 3.36    |
| 14814           | 1          | <5        | <5        | 2.31    | 20        | 12.2    | 5.10   | 4.02    |
| 149549          | <1         | <5        | <5        | 1.86    | 30        | 10.8    | 4.94   | 3.68    |
| 149549 Rpt      | <1         | <5        | <5        | 1.87    | 20        | 10.8    | 4.67   | 3.70    |
| 149550          | <1         | <5        | <5        | 1.78    | 20        | 11.0    | 3.27   | 4.02    |
| 149551          | <1         | <5        | <5        | 1.58    | 30        | 10.9    | 2.12   | 3.98    |
| 149552          | <1         | <5        | <5        | 1.76    | 20        | 11.2    | 4.19   | 4.04    |
| 149553          | <1         | <5        | <5        | 1.22    | 20        | 10.4    | 2.37   | 4.06    |
| 149554          | <1         | <5        | <5        | 1.77    | 20        | 10.1    | 4.22   | 3.69    |
| 149554 Rpt      | 1          | <5        | <5        | 1.77    | 20        | 10.1    | 4.65   | 3.71    |
| 149555          | <1         | <5        | <5        | 3.18    | 20        | 3.27    | 2.67   | 2.00    |
| 149556          | 1          | <5        | <5        | 4.31    | 10        | 2.32    | 1.50   | 2.52    |
| 149557          | 2          | <5        | <5        | 3.48    | 20        | 2.98    | 2.48   | 2.12    |
| 149558          | 4          | <5        | <5        | 3.32    | 10        | 6.52    | 4.60   | 2.58    |
| Std Nominal     | 4.94M      |           |           | 0.58    | 10        | 1.47    | 4.16   | 0.03    |
| Determined      | 5.06M      | <5        | <5        | 0.57    | <10       | 1.42    | 4.08   | 0.02    |
| 149559          | 1          | <5        | <5        | 4.12    | 10        | 9.50    | 5.19   | 3.98    |
| 149560          | IS         | IS        | IS        | 1.66    | 6990      | 24.6    | 0.11   | 1.21    |
| 149561          | <1         | <5        | <5        | 2.66    | 20        | 9.99    | 5.19   | 3.92    |
| 149562          | <1         | <5        | <5        | 1.51    | <10       | 10.1    | 4.50   | 4.05    |
| 149563          | 13         | <5        | <5        | 1.55    | <10       | 8.77    | 4.66   | 3.12    |
| 149564          | 2          | <5        | <5        | 3.02    | 10        | 2.46    | 1.99   | 1.83    |
| 14878           | <1         | <5        | <5        | 2.79    | <10       | 1.97    | 1.54   | 1.47    |
| 14879           | 6          | <5        | <5        | 1.51    | <10       | 1.38    | 1.64   | 0.86    |
| 149565          | 2          | <5        | <5        | 1.93    | 10        | 5.33    | 3.88   | 2.48    |
| 149565 Rpt      | 3          | <5        | <5        | 1.92    | 10        | 5.30    | 3.70   | 2.46    |
| 14888           | 2          | <5        | <5        | 0.05    | 110       | 17.2    | 0.61   | 0.14    |
| 14889           | 3          | 5         | <5        | 0.03    | 150       | 21.6    | 0.64   | 0.17    |
| 14890           | 3          | <5        | <5        | 0.04    | 70        | 10.5    | 1.27   | 0.20    |
| 14891           | 1          | <5        | <5        | 0.04    | 20        | 3.65    | 1.80   | 0.30    |
| 14892           | 2          | <5        | <5        | 0.07    | 10        | 2.21    | 2.46   | 0.37    |
| 14893           | 1          | <5        | <5        | 0.07    | 10        | 2.06    | 2.42   | 0.46    |
| 14894           | 3          | <5        | <5        | 0.13    | 30        | 4.46    | 3.03   | 0.82    |
| 14895           | 4          | <5        | <5        | 2.69    | 30        | 3.61    | 6.22   | 2.45    |
| 149566          | 3          | <5        | <5        | 1.72    | 30        | 4.48    | 6.76   | 1.67    |
| 149566 Rpt      | 4          | <5        | <5        | 1.68    | 30        | 4.39    | 6.64   | 1.65    |
| 149567          | <1         | <5        | <5        | 3.34    | 30        | 3.88    | 6.51   | 2.41    |



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|                 | Au1<br>ppb | Pt<br>ppb | Pd<br>ppb | Ca<br>% | Cr<br>ppm | Fe<br>% | K<br>% | Mg<br>% |
|-----------------|------------|-----------|-----------|---------|-----------|---------|--------|---------|
| Detection Limit | 1          | 5         | 5         | 0.01    | 10        | 0.01    | 0.01   | 0.01    |
| 149568          | 1          | <5        | <5        | 3.94    | 30        | 3.89    | 6.15   | 2.53    |
| 149569          | <1         | <5        | <5        | 4.51    | 40        | 5.70    | 6.82   | 3.25    |
| 14913           | 2          | <5        | <5        | 6.56    | 40        | 5.46    | 5.90   | 4.07    |
| 14914           | 7          | <5        | <5        | 8.54    | 20        | 5.35    | 5.89   | 3.12    |
| Std Nominal     | 52         | 45        | 45        | 2.48    | 170       | 8.65    | 2.35   | 1.71    |
| Determined      | 51         | 45        | 45        | 2.52    | 130       | 8.62    | 2.34   | 1.72    |
| 14915           | 1          | <5        | <5        | 5.62    | 10        | 4.24    | 7.80   | 3.14    |
| 14916           | 1          | <5        | <5        | 3.67    | 20        | 3.91    | 8.65   | 2.40    |
| 14917           | 1          | <5        | <5        | 2.21    | 20        | 4.77    | 8.37   | 2.11    |
| 14917 Rpt       | 1          | <5        | <5        | 2.20    | 20        | 4.69    | 7.86   | 2.07    |
| 14918           | 1          | <5        | <5        | 1.39    | 20        | 9.45    | 6.48   | 3.12    |
| 14919           | 1          | <5        | <5        | 0.78    | 20        | 10.3    | 4.99   | 3.38    |
| 14920           | Cavity     |           |           |         |           |         |        |         |
| 14921           | 1          | <5        | <5        | 1.16    | 20        | 10.3    | 6.08   | 3.31    |
| 149570          | 1          | <5        | <5        | 1.65    | 20        | 10.6    | 6.09   | 4.04    |
| 149571          | 1          | <5        | <5        | 2.29    | 20        | 11.8    | 4.42   | 4.80    |
| 149572          | <1         | <5        | <5        | 1.18    | 20        | 10.1    | 4.66   | 4.30    |
| 149573          | <1         | <5        | <5        | 0.95    | 20        | 11.2    | 5.06   | 4.19    |
| 149574          | <1         | <5        | <5        | 1.67    | 20        | 10.4    | 4.85   | 4.50    |
| 149575          | <1         | <5        | <5        | 3.15    | 20        | 9.88    | 6.11   | 3.96    |
| 149576          | 1          | <5        | <5        | 3.39    | 20        | 6.32    | 5.37   | 3.02    |
| 149577          | 1          | <5        | <5        | 12.8    | 10        | 5.14    | 2.35   | 7.13    |
| 149578          | 5          | <5        | <5        | 7.51    | 20        | 5.37    | 4.02   | 4.81    |
| 149579          | 2          | <5        | <5        | 3.84    | <10       | 8.77    | 5.69   | 4.23    |
| 149579 Rpt      | 2          | <5        | <5        | 3.86    | <10       | 8.83    | 5.78   | 4.26    |
| 149580          | IS         | IS        | IS        | 0.06    | 30        | 8.91    | 0.19   | 2.13    |
| 149581          | <1         | <5        | <5        | 2.92    | <10       | 11.0    | 5.01   | 5.00    |
| 149582          | 1          | <5        | <5        | 1.19    | <10       | 12.7    | 3.86   | 5.44    |
| 149583          | <1         | <5        | <5        | 0.78    | 10        | 12.3    | 1.94   | 5.51    |
| 149584          | 1          | <5        | <5        | 5.35    | 10        | 9.18    | 3.99   | 5.59    |
| Std Nominal     | 1.37M      |           |           | 0.54    | 90        | 0.18    | <0.01  | 26.6    |
| Determined      | 1.40M      | <5        | <5        | 0.55    | 100       | 0.17    | 0.01   | 26.8    |
| 149585          | 3          | <5        | <5        | 5.02    | 20        | 3.27    | 1.67   | 3.05    |
| 149586          | 2          | <5        | <5        | 1.34    | 20        | 4.44    | 3.07   | 1.97    |
| 149587          | <1         | <5        | <5        | 2.96    | 10        | 9.00    | 5.65   | 4.26    |
| 149587 Rpt      | <1         | <5        | <5        | 2.96    | <10       | 8.86    | 5.46   | 4.24    |
| 14993           | 1          | <5        | <5        | 0.06    | 90        | 15.1    | 2.39   | 0.20    |
| 14994           | <1         | <5        | <5        | 0.46    | 20        | 4.23    | 2.20   | 0.49    |
| 14995           | 1          | <5        | <5        | 0.30    | 10        | 1.22    | 1.77   | 0.30    |
| 14996           | 1          | <5        | <5        | 0.11    | 40        | 1.13    | 2.41   | 0.37    |
| 14997           | 3          | 5         | <5        | 0.23    | 40        | 1.55    | 3.86   | 0.72    |
| 14998           | 12         | 5         | <5        | 0.17    | 40        | 2.09    | 7.08   | 1.25    |
| 14999           | 3          | <5        | <5        | 0.16    | 40        | 1.58    | 6.10   | 0.82    |



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|                 | Au1<br>ppb | Pt<br>ppb | Pd<br>ppb | Ca<br>% | Cr<br>ppm | Fe<br>% | K<br>% | Mg<br>% |
|-----------------|------------|-----------|-----------|---------|-----------|---------|--------|---------|
| Detection Limit | 1          | 5         | 5         | 0.01    | 10        | 0.01    | 0.01   | 0.01    |
| 14999 Rpt       | 3          | <5        | <5        | 0.15    | 40        | 1.61    | 6.28   | 0.82    |
| 15000           | 3          | <5        | <5        | 0.16    | 30        | 1.65    | 6.32   | 0.80    |
| 15001           | 2          | <5        | <5        | 0.19    | 20        | 1.67    | 4.47   | 0.73    |
| 15002           | 1          | <5        | <5        | 0.15    | 10        | 2.50    | 2.86   | 0.94    |
| 15003           | 3          | <5        | <5        | 0.13    | 10        | 2.11    | 2.10   | 0.50    |
| 15004           | 6          | 5         | <5        | 0.18    | 50        | 3.64    | 3.24   | 1.32    |
| 15005           | 12         | <5        | <5        | 0.17    | 60        | 3.83    | 3.55   | 1.43    |
| 15006           | 2          | 5         | <5        | 0.19    | 50        | 3.44    | 2.06   | 1.30    |
| 15007           | <1         | <5        | <5        | 1.66    | 40        | 2.89    | 2.36   | 1.83    |
| 15008           | <1         | <5        | <5        | 3.22    | 40        | 4.02    | 2.57   | 2.49    |
| 15009           | <1         | <5        | <5        | 3.44    | 40        | 4.54    | 2.66   | 2.64    |
| 149614          | 2          | <5        | <5        | 3.32    | 40        | 4.28    | 3.41   | 2.45    |
| 149615          | <1         | <5        | <5        | 3.51    | 30        | 4.60    | 5.20   | 2.54    |
| 15018           | 1          | <5        | <5        | 4.10    | 30        | 4.19    | 5.10   | 2.63    |
| 15019           | 4          | <5        | <5        | 3.85    | 30        | 3.57    | 5.23   | 2.52    |
| Std Nominal     | 860        | 910       | 690       | 0.20    | 2600      | 11.9    | 0.01   | 26.5    |
| Determined      | 864        | 915       | 705       | 0.20    | 2350      | 11.9    | 0.02   | 26.3    |
| 15020           | IS         | IS        | IS        | 0.06    | 40        | 8.79    | 0.16   | 2.20    |
| 15021           | 1          | <5        | <5        | 3.92    | 30        | 6.98    | 5.38   | 3.18    |
| 15021 Rpt       | 1          | <5        | <5        | 3.98    | 40        | 7.05    | 5.83   | 3.24    |
| 15022           | 1          | <5        | <5        | 14.0    | 20        | 6.39    | 2.06   | 8.11    |
| 15023           | 2          | <5        | <5        | 9.17    | 20        | 3.89    | 5.39   | 5.24    |
| 15024           | 1          | <5        | <5        | 3.73    | 20        | 3.71    | 4.70   | 2.89    |
| 15025           | 1          | <5        | <5        | 5.59    | 20        | 3.69    | 6.52   | 3.26    |
| 15026           | <1         | <5        | <5        | 6.03    | 20        | 4.53    | 4.04   | 3.73    |
| 15027           | <1         | <5        | <5        | 4.66    | 20        | 7.31    | 6.32   | 3.21    |
| 15028           | <1         | <5        | <5        | 3.43    | 20        | 10.5    | 5.89   | 3.74    |
| 149616          | <1         | <5        | <5        | 2.14    | 20        | 11.3    | 5.04   | 4.70    |
| 149617          | <1         | <5        | <5        | 1.03    | 20        | 10.5    | 4.66   | 4.40    |
| 149618          | <1         | <5        | <5        | 1.52    | 20        | 10.2    | 5.07   | 4.26    |
| 149619          | <1         | <5        | <5        | 1.31    | 20        | 10.8    | 5.12   | 4.05    |
| 149620          | <1         | <5        | <5        | 1.31    | 20        | 10.7    | 5.15   | 4.03    |
| 149620 Rpt      | <1         | <5        | <5        | 1.36    | 20        | 10.9    | 5.04   | 4.10    |
| 149621          | 1          | <5        | <5        | 1.59    | 20        | 10.8    | 2.65   | 5.20    |
| 149622          | 2          | <5        | <5        | 1.16    | 20        | 10.6    | 2.48   | 5.12    |
| 149623          | 1          | <5        | <5        | 5.53    | 20        | 8.97    | 4.71   | 5.73    |
| 149624          | 1          | <5        | <5        | 13.0    | 20        | 7.24    | 2.22   | 8.02    |
| Std Nominal     | 2.42M      |           |           | 14.0    | 180       | 7.52    | 0.02   | 7.83    |
| Determined      | 2.43M      | <5        | <5        | 13.5    | 110       | 7.34    | 0.03   | 7.74    |
| 15063           | 1          | <5        | <5        | 17.1    | <10       | 4.90    | 1.50   | 9.52    |
| 15064           | 3          | <5        | <5        | 13.3    | 10        | 5.14    | 3.27   | 7.92    |
| 15065           | 2          | <5        | <5        | 4.76    | 40        | 6.55    | 5.53   | 4.63    |
| 15066           | 9          | 5         | <5        | 2.91    | 30        | 6.39    | 4.34   | 3.56    |



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|                 | Au1<br>ppb | Pt<br>ppb | Pd<br>ppb | Ca<br>% | Cr<br>ppm | Fe<br>% | K<br>% | Mg<br>% |
|-----------------|------------|-----------|-----------|---------|-----------|---------|--------|---------|
| Detection Limit | 1          | 5         | 5         | 0.01    | 10        | 0.01    | 0.01   | 0.01    |
| 15067           | 1          | <5        | <5        | 1.55    | <10       | 4.43    | 3.93   | 1.83    |
| 15068           | 1          | <5        | <5        | 3.02    | <10       | 9.00    | 4.94   | 3.25    |
| 15069           | 1          | <5        | <5        | 1.43    | <10       | 6.36    | 6.52   | 2.25    |
| 15069 Rpt       | 1          | <5        | <5        | 1.48    | <10       | 6.33    | 7.68   | 2.28    |
| 15070           | 1          | <5        | <5        | 2.04    | <10       | 9.60    | 4.63   | 3.63    |
| 15071           | 1          | <5        | <5        | 0.98    | <10       | 11.1    | 4.66   | 4.29    |
| 15072           | 2          | <5        | <5        | 0.87    | 10        | 13.2    | 4.47   | 5.12    |
| 149625          | <1         | <5        | <5        | 0.84    | <10       | 13.3    | 4.26   | 5.59    |
| 149626          | <1         | <5        | <5        | 0.92    | <10       | 12.3    | 4.16   | 5.37    |
| 149626 Rpt      | <1         | <5        | <5        | 0.93    | <10       | 12.3    | 4.13   | 5.38    |
| 149627          | 2          | <5        | <5        | 3.37    | <10       | 9.77    | 4.29   | 4.99    |
| 149628          | 6          | <5        | <5        | 15.4    | 10        | 6.13    | 1.46   | 8.36    |
| 149629          | 6          | <5        | <5        | 8.77    | 10        | 7.64    | 3.77   | 6.14    |
| Std Nominal     | 4.94M      |           |           | 0.10    | 1.70%     | 47.5    | <0.01  | 1.86    |
| Determined      | 4.77M      | <5        | <5        | 0.11    | 1.48%     | 46.4    | 0.02   | 1.82    |
| 149630          | 8          | <5        | <5        | 1.38    | 20        | 11.9    | 4.04   | 5.35    |
| 16469           | 2          | 5         | <5        | 0.04    | 160       | 20.9    | 0.60   | 0.14    |
| 16470           | 5          | 5         | <5        | 0.71    | 90        | 15.1    | 0.98   | 0.49    |
| 16471           | 8          | <5        | <5        | 0.81    | 20        | 3.16    | 1.29   | 0.54    |
| 16472           | 4          | <5        | <5        | 0.23    | 20        | 2.08    | 1.81   | 0.32    |
| 16473           | 2          | <5        | <5        | 0.21    | 20        | 2.09    | 2.09   | 0.33    |
| 16474           | 1          | <5        | <5        | 0.15    | 20        | 2.96    | 2.59   | 0.65    |
| 16475           | 3          | <5        | <5        | 0.18    | 30        | 4.69    | 4.88   | 0.56    |
| 16476           | 2          | 5         | <5        | 0.33    | 60        | 8.41    | 3.54   | 0.78    |
| 16477           | 3          | <5        | <5        | 0.56    | 40        | 4.43    | 5.57   | 1.15    |
| 16478           | <1         | <5        | <5        | 0.35    | 20        | 2.15    | 4.47   | 0.95    |
| 16479           | <1         | <5        | <5        | 0.19    | <10       | 0.75    | 1.50   | 0.19    |
| 16480           | IS         | IS        | IS        | 1.70    | 6670      | 25.0    | 0.10   | 1.21    |
| Std Nominal     | 52         | 45        | 45        | 1.53    | 1670      | 9.20    | 0.09   | 19.7    |
| Determined      | 51         | 45        | 45        | 1.50    | 1420      | 9.31    | 0.09   | 19.7    |
| 16481           | 1          | <5        | <5        | 0.32    | 40        | 3.70    | 3.72   | 0.99    |
| 16481 Rpt       | <1         | <5        | <5        | 0.32    | 30        | 3.70    | 3.90   | 0.93    |
| 16482           | 1          | <5        | <5        | 0.25    | 20        | 3.13    | 2.83   | 0.68    |
| 16483           | 1          | <5        | <5        | 0.26    | 10        | 2.36    | 2.12   | 0.56    |
| 16484           | <1         | <5        | <5        | 0.35    | 10        | 1.98    | 2.39   | 0.60    |
| 16485           | 2          | <5        | <5        | 0.15    | <10       | 1.76    | 2.17   | 0.30    |
| 16486           | 1          | <5        | <5        | 2.48    | 30        | 3.93    | 4.73   | 2.02    |
| 16487           | 9          | <5        | <5        | 4.26    | 30        | 4.31    | 3.97   | 2.99    |
| 16487 Rpt       | 7          | <5        | <5        | 4.32    | 30        | 4.37    | 4.16   | 3.04    |
| 16488           | 4          | <5        | <5        | 4.24    | 30        | 3.60    | 4.69   | 2.97    |
| 16489           | 1          | <5        | <5        | 3.85    | 30        | 4.17    | 3.91   | 2.66    |
| 139934          | 1          | <5        | <5        | 4.31    | 30        | 3.99    | 4.30   | 2.78    |
| 139935          | 1          | <5        | <5        | 4.07    | 30        | 3.68    | 2.94   | 2.70    |



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|                 | Au1<br>ppb | Pt<br>ppb | Pd<br>ppb | Ca<br>% | Cr<br>ppm | Fe<br>% | K<br>% | Mg<br>% |
|-----------------|------------|-----------|-----------|---------|-----------|---------|--------|---------|
| Detection Limit | 1          | 5         | 5         | 0.01    | 10        | 0.01    | 0.01   | 0.01    |
| 139936          | <1         | <5        | <5        | 4.64    | 30        | 4.51    | 5.42   | 3.00    |
| 139937          | 2          | <5        | <5        | 4.26    | 30        | 4.13    | 4.86   | 2.79    |
| 139938          | 1          | <5        | <5        | 2.32    | 20        | 4.97    | 4.92   | 2.15    |
| 139939          | <1         | <5        | <5        | 4.94    | 20        | 8.30    | 3.32   | 4.95    |
| 139940          | 1          | <5        | <5        | 4.36    | 20        | 8.80    | 3.07   | 4.98    |
| 139941          | 1          | <5        | <5        | 2.56    | 20        | 9.63    | 5.05   | 4.58    |
| 139942          | <1         | <5        | <5        | 2.47    | 20        | 8.35    | 5.75   | 3.92    |
| 139943          | <1         | <5        | <5        | 3.11    | 20        | 8.27    | 5.49   | 4.01    |
| 139944          | <1         | <5        | <5        | 2.92    | 20        | 6.16    | 6.13   | 3.04    |
| 139945          | <1         | <5        | <5        | 1.67    | 20        | 7.18    | 2.75   | 2.90    |
| 139946          | 2          | <5        | <5        | 2.35    | 20        | 7.24    | 5.76   | 3.32    |
| 16540           | IS         | IS        | IS        | 0.06    | 30        | 8.95    | 0.19   | 2.14    |
| 16540 Rpt       | NR         | NR        | NR        | 0.06    | 30        | 8.83    | 0.18   | 2.12    |
| 16541           | 3          | <5        | <5        | 1.61    | 20        | 5.63    | 8.65   | 2.77    |
| 16542           | 5          | <5        | <5        | 5.33    | 30        | 8.50    | 5.51   | 5.28    |
| Std Nominal     | 1.37M      |           |           | 8.22    | 30        | 6.27    | 0.21   | 4.52    |
| Determined      | 1.41M      | <5        | <5        | 8.25    | 20        | 6.30    | 0.22   | 4.50    |
| 16543           | 1          | <5        | <5        | 11.6    | 20        | 4.90    | 3.03   | 7.25    |
| 16544           | 1          | <5        | <5        | 14.1    | 10        | 4.32    | 2.58   | 8.09    |
| 16545           | 2          | <5        | <5        | 15.7    | <10       | 4.56    | 1.68   | 8.70    |
| 16546           | 1          | <5        | <5        | 14.3    | 10        | 4.11    | 2.22   | 8.10    |
| 16547           | 2          | <5        | <5        | 15.6    | 10        | 3.95    | 2.03   | 8.67    |
| 16548           | 1          | <5        | <5        | 8.43    | 20        | 6.99    | 4.50   | 5.68    |
| 16548 Rpt       | 2          | <5        | <5        | 8.50    | 30        | 7.08    | 4.52   | 5.78    |
| 139947          | 2          | <5        | <5        | 6.35    | 10        | 5.65    | 5.51   | 4.21    |
| 139948          | 1          | <5        | <5        | 1.35    | <10       | 5.63    | 6.33   | 2.37    |
| 139949          | 1          | <5        | <5        | 3.10    | <10       | 8.08    | 5.85   | 3.91    |
| 139950          | 1          | <5        | <5        | 2.34    | <10       | 9.32    | 4.52   | 3.89    |
| 139951          | <1         | <5        | <5        | 2.34    | <10       | 9.60    | 4.56   | 4.45    |
| 16570           | <1         | <5        | <5        | 3.29    | <10       | 11.4    | 4.15   | 5.10    |
| 16571           | 1          | <5        | <5        | 6.62    | 10        | 3.56    | 1.27   | 3.94    |
| 16571 Rpt       | 2          | <5        | <5        | 6.63    | <10       | 3.50    | 1.25   | 3.92    |
| 16572           | 3          | <5        | <5        | 5.13    | 10        | 2.73    | 1.28   | 2.99    |
| 16573           | 2          | <5        | <5        | 4.70    | 20        | 3.57    | 1.63   | 3.23    |
| 16574           | <1         | <5        | <5        | 0.18    | 30        | 3.80    | 0.56   | 0.20    |
| 16575           | 3          | <5        | <5        | 0.16    | 20        | 2.27    | 2.04   | 0.28    |
| 16576           | 9          | <5        | <5        | 0.06    | 30        | 2.15    | 5.01   | 0.59    |
| 16577           | 2          | <5        | <5        | 0.15    | 40        | 2.28    | 8.34   | 1.15    |
| 16578           | 2          | 5         | <5        | 0.25    | 40        | 1.65    | 7.21   | 0.75    |
| 16578 Rpt       | 4          | 5         | <5        | 0.25    | 40        | 1.67    | 7.17   | 0.76    |
| Std Nominal     | 860        | 910       | 690       | 5.91    | 230       | 9.63    | 0.60   | 4.05    |
| Determined      | 855        | 900       | 680       | 5.88    | 180       | 9.61    | 0.60   | 4.03    |
| Std Nominal     |            |           |           | 0.26    |           | 1.40    | 2.03   | 3.42    |





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|                 | Au1<br>ppb | Pt<br>ppb | Pd<br>ppb | Ca<br>% | Cr<br>ppm | Fe<br>% | K<br>% | Mg<br>% |
|-----------------|------------|-----------|-----------|---------|-----------|---------|--------|---------|
| Detection Limit | 1          | 5         | 5         | 0.01    | 10        | 0.01    | 0.01   | 0.01    |
| Determined      | NR         | NR        | NR        | NR      | NR        | NR      | NR     | NR      |
| Std Nominal     |            |           |           | 0.40    | 600       | 1.29    | 0.18   | 0.33    |
| Determined      | NR         | NR        | NR        | NR      | NR        | NR      | NR     | NR      |
| *****           |            |           |           |         |           |         |        |         |



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|                 | Mn<br>ppm | Na<br>% | P<br>ppm | S<br>ppm | V<br>ppm | Ag<br>ppm | As<br>ppm | Ba<br>ppm |
|-----------------|-----------|---------|----------|----------|----------|-----------|-----------|-----------|
| Detection Limit | 2         | 0.01    | 50       | 50       | 5        | 0.5       | 1         | 1         |
| 14675           | 1480      | 0.04    | 800      | 100      | 275      | <0.5      | 59        | 1180      |
| 14676           | 3200      | 0.05    | 500      | 100      | 95       | <0.5      | 8         | 1870      |
| Std Nominal     | 5810      | <0.01   | 50       | 1900     | 125      | <0.5      | 2         | 38        |
| Determined      | 5740      | <0.01   | 100      | 1950     | 130      | <0.5      | 2         | 38        |
| 14677           | 690       | 0.05    | 350      | 100      | 85       | <0.5      | 18        | 501       |
| 14677 Rpt       | 686       | 0.05    | 350      | 100      | 80       | <0.5      | 17        | 519       |
| 14678           | 112       | 0.05    | 200      | 100      | 20       | 0.5       | 6         | 232       |
| 14679           | 266       | 0.07    | 550      | 100      | 55       | <0.5      | 13        | 391       |
| 14680           | 84        | 0.01    | 200      | 8.19%    | 10       | 2.5       | 3060      | 19        |
| 14681           | 2670      | 0.08    | 400      | 100      | 95       | <0.5      | 24        | 639       |
| 14682           | 226       | 0.09    | 600      | 100      | 105      | <0.5      | 27        | 531       |
| 149527          | 298       | 0.06    | 350      | 100      | 25       | <0.5      | 17        | 340       |
| 14687           | 1620      | 0.08    | 300      | 50       | 35       | <0.5      | 123       | 409       |
| 14688           | 2590      | 0.07    | 500      | 50       | 90       | <0.5      | 58        | 551       |
| 14688 Rpt       | 2630      | 0.08    | 500      | 100      | 90       | <0.5      | 61        | 573       |
| 14689           | 2110      | 0.06    | 400      | 50       | 50       | <0.5      | 12        | 392       |
| 14690           | 2250      | 0.08    | 400      | 50       | 55       | <0.5      | 9         | 377       |
| 149528          | 1860      | 0.07    | 600      | 50       | 60       | <0.5      | 6         | 412       |
| 149529          | 1650      | 0.06    | 500      | 300      | 60       | <0.5      | 9         | 368       |
| 149530          | 1930      | 0.08    | 550      | 150      | 70       | <0.5      | 3         | 387       |
| 149531          | 1380      | 0.07    | 600      | 100      | 90       | <0.5      | 3         | 380       |
| 14706           | 4710      | 0.04    | 1650     | 200      | 115      | <0.5      | 32        | 322       |
| 14707           | 2500      | 0.05    | 4450     | 200      | 195      | <0.5      | 6         | 525       |
| 14708           | 1080      | 0.03    | 2600     | 200      | 275      | <0.5      | 3         | 887       |
| 14709           | 1330      | 0.03    | 2150     | 200      | 265      | <0.5      | 2         | 675       |
| 14710           | 1620      | 0.04    | 2100     | 350      | 245      | <0.5      | 7         | 454       |
| 14711           | 2480      | 0.04    | 1750     | 1000     | 205      | <0.5      | 3         | 394       |
| 14712           | 2060      | 0.04    | 2200     | 3400     | 225      | <0.5      | 8         | 446       |
| 14713           | 918       | 0.03    | 2650     | 8800     | 285      | 0.5       | 79        | 416       |
| 14714           | 434       | 0.04    | 2700     | 3.32%    | 300      | 1.0       | 232       | 421       |
| 14715           | 1740      | 0.03    | 2500     | 2950     | 350      | <0.5      | 8         | 769       |
| 14716           | 2580      | 0.05    | 2100     | 1050     | 215      | <0.5      | 12        | 530       |
| Std Nominal     | 996       | 0.09    | 150      | 3.11%    | 40       | <0.5      | 25        | 17        |
| Determined      | 982       | 0.09    | 100      | 3.09%    | 35       | <0.5      | 25        | 18        |
| 14717           | 1460      | 0.06    | 2250     | 2000     | 240      | <0.5      | 36        | 692       |
| 14718           | 534       | 0.04    | 2500     | 350      | 295      | <0.5      | 2         | 552       |
| 14719           | 1310      | 0.05    | 2350     | 500      | 260      | <0.5      | 3         | 356       |
| 14720           | 1250      | 0.33    | 100      | 750      | 145      | <0.5      | 17        | 139       |
| 14721           | 1070      | 0.05    | 2400     | 250      | 280      | <0.5      | 1         | 403       |
| 14721 Rpt       | 1090      | 0.05    | 2450     | 250      | 285      | <0.5      | 1         | 406       |
| 14722           | 3490      | 0.05    | 1900     | 200      | 270      | <0.5      | <1        | 356       |
| 14723           | 3050      | 0.05    | 1900     | 150      | 245      | <0.5      | 1         | 527       |
| 14724           | 1450      | 0.05    | 2150     | 150      | 265      | <0.5      | <1        | 353       |



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|                 | Mn<br>ppm | Na<br>% | P<br>ppm | S<br>ppm | V<br>ppm | Ag<br>ppm | As<br>ppm | Ba<br>ppm |
|-----------------|-----------|---------|----------|----------|----------|-----------|-----------|-----------|
| Detection Limit | 2         | 0.01    | 50       | 50       | 5        | 0.5       | 1         | 1         |
| 14725           | 1060      | 0.05    | 2350     | 350      | 250      | <0.5      | 2         | 504       |
| 14726           | 1050      | 0.05    | 2250     | 500      | 245      | <0.5      | 3         | 587       |
| 149532          | 960       | 0.06    | 2200     | 600      | 240      | <0.5      | 6         | 685       |
| 149532 Rpt      | 966       | 0.05    | 2200     | 550      | 245      | <0.5      | 5         | 678       |
| 149533          | 680       | 0.05    | 2200     | 500      | 245      | <0.5      | <1        | 396       |
| 149534          | 896       | 0.04    | 2450     | 1100     | 275      | <0.5      | 7         | 434       |
| 149535          | 2350      | 0.06    | 1050     | 550      | 110      | <0.5      | 5         | 435       |
| 149536          | 4760      | 0.05    | 200      | 150      | 30       | <0.5      | 1         | 203       |
| 14748           | 3610      | 0.04    | 150      | 200      | 15       | <0.5      | 5         | 131       |
| 14749           | 1620      | 0.07    | 250      | 1800     | 50       | <0.5      | 5         | 438       |
| 14750           | 1650      | 0.05    | 250      | 300      | 50       | <0.5      | 2         | 289       |
| Std Nominal     | 1390      | 1.82    | 100      | 100      | 220      | <0.5      | 1         | 102       |
| Determined      | 1410      | 1.87    | 100      | 50       | 225      | <0.5      | 1         | 100       |
| 14751           | 1510      | 0.05    | 2550     | 500      | 265      | <0.5      | 2         | 495       |
| 14752           | 1480      | 0.04    | 2450     | 600      | 245      | <0.5      | 1         | 586       |
| 14752 Rpt       | 1480      | 0.04    | 2500     | 550      | 250      | <0.5      | 2         | 576       |
| 14753           | 1460      | 0.05    | 2300     | 150      | 220      | <0.5      | 1         | 485       |
| 14754           | 536       | 0.05    | 2700     | 200      | 265      | <0.5      | <1        | 342       |
| 14755           | 798       | 0.05    | 2750     | 300      | 240      | <0.5      | <1        | 427       |
| 149537          | 1760      | 0.04    | 2500     | 650      | 230      | <0.5      | 2         | 403       |
| 149538          | 752       | 0.05    | 2600     | 600      | 240      | <0.5      | 2         | 345       |
| 149539          | 254       | 0.03    | 2800     | 1050     | 270      | <0.5      | 3         | 316       |
| 149540          | 232       | 0.03    | 2800     | 1000     | 270      | <0.5      | 3         | 303       |
| 149541          | 3420      | 0.05    | 1550     | 350      | 130      | <0.5      | 1         | 337       |
| 149542          | 4670      | 0.05    | 300      | 1050     | 70       | <0.5      | 3         | 246       |
| 149543          | 1100      | 0.05    | 1500     | 1.67%    | 205      | <0.5      | 32        | 804       |
| 149544          | 590       | 0.04    | 150      | 200      | 55       | <0.5      | 10        | 457       |
| 14782           | 1570      | 0.06    | 100      | 100      | 35       | <0.5      | 6         | 421       |
| 14783           | 1770      | 0.08    | 150      | 50       | 25       | <0.5      | 5         | 530       |
| 14783 Rpt       | 1830      | 0.09    | 100      | 50       | 25       | <0.5      | 5         | 535       |
| 14784           | 2670      | 0.10    | 100      | 50       | 20       | <0.5      | 6         | 381       |
| 14785           | 2140      | 0.10    | 300      | <50      | 55       | <0.5      | 5         | 381       |
| 149545          | 2220      | 0.07    | 450      | 100      | 65       | <0.5      | 5         | 345       |
| 149546          | 1860      | 0.07    | 550      | 50       | 60       | <0.5      | 3         | 367       |
| 149547          | 2030      | 0.06    | 500      | 50       | 60       | <0.5      | 3         | 354       |
| 149548          | 2030      | 0.07    | 550      | 50       | 70       | <0.5      | 3         | 372       |
| 14803           | 1640      | 0.08    | 550      | <50      | 80       | <0.5      | 2         | 357       |
| Std Nominal     | 1070      | 2.15    | 1300     | 1.74%    | 155      | 0.5       | 13        | 239       |
| Determined      | 1070      | 2.17    | 1250     | 1.74%    | 155      | 0.5       | 13        | 242       |
| 14804           | 1750      | 0.08    | 400      | 100      | 60       | <0.5      | 26        | 289       |
| 14805           | 1960      | 0.06    | 200      | 1950     | 45       | <0.5      | 82        | 194       |
| 14806           | 2440      | 0.05    | 3500     | 350      | 245      | <0.5      | 64        | 582       |
| 14807           | 1980      | 0.05    | 2300     | 100      | 250      | <0.5      | 22        | 986       |



Bureau Veritas Minerals Pty Ltd



MINERAL TESTING & LABORATORY SERVICES

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|                 | Mn<br>ppm | Na<br>% | P<br>ppm | S<br>ppm | V<br>ppm | Ag<br>ppm | As<br>ppm | Ba<br>ppm |
|-----------------|-----------|---------|----------|----------|----------|-----------|-----------|-----------|
| Detection Limit | 2         | 0.01    | 50       | 50       | 5        | 0.5       | 1         | 1         |
| 14808           | 1850      | 0.04    | 500      | <50      | 120      | <0.5      | 8         | 375       |
| 14809           | 1860      | 0.06    | 700      | 50       | 120      | <0.5      | 9         | 490       |
| 14810           | 1670      | 0.05    | 2100     | 50       | 240      | <0.5      | 7         | 801       |
| 14811           | 1230      | 0.04    | 2150     | 300      | 250      | <0.5      | 6         | 386       |
| 14812           | 1380      | 0.02    | 1750     | 100      | 235      | <0.5      | 3         | 281       |
| 14813           | 1770      | 0.04    | 2200     | 100      | 315      | <0.5      | 1         | 482       |
| 14814           | 1190      | 0.05    | 2400     | 500      | 290      | <0.5      | 2         | 426       |
| 149549          | 1170      | 0.06    | 2250     | 150      | 265      | <0.5      | <1        | 399       |
| 149549 Rpt      | 1160      | 0.05    | 2300     | 150      | 265      | <0.5      | <1        | 376       |
| 149550          | 1290      | 0.06    | 2200     | 250      | 245      | <0.5      | 2         | 369       |
| 149551          | 1170      | 0.06    | 2200     | 300      | 260      | <0.5      | 2         | 455       |
| 149552          | 1550      | 0.06    | 2250     | 400      | 260      | <0.5      | 2         | 417       |
| 149553          | 834       | 0.15    | 2250     | 750      | 245      | <0.5      | 3         | 700       |
| 149554          | 1150      | 0.18    | 2300     | 750      | 260      | <0.5      | 8         | 1190      |
| 149554 Rpt      | 1160      | 0.19    | 2350     | 800      | 265      | <0.5      | 8         | 1190      |
| 149555          | 1560      | 0.05    | 450      | 150      | 50       | <0.5      | 2         | 317       |
| 149556          | 1440      | 0.05    | 150      | 50       | 15       | <0.5      | <1        | 166       |
| 149557          | 1400      | 0.06    | 150      | 100      | 25       | <0.5      | 1         | 214       |
| 149558          | 1510      | 0.05    | 1650     | 2050     | 160      | <0.5      | 6         | 391       |
| Std Nominal     | 160       | 2.49    | 100      | 200      | <5       | <0.5      | 17        | 118       |
| Determined      | 156       | 2.43    | 50       | 150      | <5       | <0.5      | 17        | 116       |
| 149559          | 1760      | 0.04    | 2250     | 500      | 210      | <0.5      | 2         | 341       |
| 149560          | 1290      | 0.34    | 100      | 750      | 140      | <0.5      | 17        | 136       |
| 149561          | 1360      | 0.06    | 2650     | 300      | 220      | <0.5      | 2         | 743       |
| 149562          | 850       | 0.09    | 2400     | 200      | 215      | <0.5      | 2         | 363       |
| 149563          | 632       | 0.20    | 2450     | 350      | 225      | <0.5      | 3         | 1370      |
| 149564          | 948       | 0.05    | 300      | 800      | 35       | <0.5      | 7         | 244       |
| 14878           | 810       | 0.05    | 150      | 2950     | 10       | <0.5      | 8         | 156       |
| 14879           | 442       | 0.07    | 150      | 2250     | 10       | <0.5      | 3         | 160       |
| 149565          | 870       | 0.06    | 1000     | 900      | 140      | <0.5      | 3         | 658       |
| 149565 Rpt      | 862       | 0.06    | 1050     | 850      | 140      | <0.5      | 3         | 637       |
| 14888           | 2880      | 0.04    | 550      | 100      | 425      | <0.5      | 98        | 311       |
| 14889           | 3510      | 0.03    | 600      | <50      | 625      | <0.5      | 110       | 208       |
| 14890           | 1720      | 0.06    | 400      | 50       | 290      | <0.5      | 69        | 393       |
| 14891           | 2030      | 0.06    | 150      | <50      | 75       | <0.5      | 29        | 509       |
| 14892           | 2450      | 0.08    | 200      | <50      | 40       | <0.5      | 17        | 381       |
| 14893           | 1740      | 0.06    | 200      | 50       | 30       | <0.5      | 18        | 417       |
| 14894           | 4100      | 0.08    | 300      | 50       | 90       | <0.5      | 30        | 449       |
| 14895           | 2260      | 0.08    | 450      | <50      | 65       | <0.5      | 16        | 442       |
| 149566          | 2010      | 0.09    | 600      | 50       | 65       | <0.5      | 6         | 384       |
| 149566 Rpt      | 1980      | 0.08    | 550      | <50      | 65       | <0.5      | 6         | 387       |
| 149567          | 1880      | 0.08    | 550      | 50       | 60       | <0.5      | 5         | 330       |
| 149568          | 1760      | 0.08    | 550      | 50       | 65       | <0.5      | 5         | 388       |



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|                 | Mn<br>ppm | Na<br>% | P<br>ppm | S<br>ppm | V<br>ppm | Ag<br>ppm | As<br>ppm | Ba<br>ppm |
|-----------------|-----------|---------|----------|----------|----------|-----------|-----------|-----------|
| Detection Limit | 2         | 0.01    | 50       | 50       | 5        | 0.5       | 1         | 1         |
| 149569          | 2070      | 0.08    | 650      | 100      | 90       | <0.5      | 3         | 405       |
| 14913           | 2640      | 0.07    | 600      | 50       | 115      | <0.5      | 10        | 462       |
| 14914           | 3160      | 0.07    | 2150     | 100      | 205      | <0.5      | 54        | 663       |
| Std Nominal     | 1180      | 1.30    | 600      | 1.97%    | 120      | 6.0       | 100       | 132       |
| Determined      | 1190      | 1.31    | 650      | 1.99%    | 115      | 6.0       | 98        | 130       |
| 14915           | 1760      | 0.04    | 2350     | 50       | 240      | <0.5      | 16        | 791       |
| 14916           | 1100      | 0.05    | 2500     | 100      | 195      | <0.5      | 10        | 540       |
| 14917           | 628       | 0.04    | 2500     | 50       | 200      | <0.5      | 8         | 462       |
| 14917 Rpt       | 628       | 0.04    | 2400     | 100      | 195      | <0.5      | 7         | 439       |
| 14918           | 442       | 0.04    | 2600     | 450      | 305      | <0.5      | 15        | 380       |
| 14919           | 182       | 0.04    | 2850     | 450      | 385      | <0.5      | 6         | 396       |
| 14920           | Cavity    |         |          |          |          |           |           |           |
| 14921           | 368       | 0.03    | 2850     | 950      | 355      | <0.5      | 13        | 363       |
| 149570          | 634       | 0.04    | 2650     | 750      | 295      | <0.5      | 6         | 414       |
| 149571          | 1110      | 0.04    | 2400     | 950      | 275      | <0.5      | 10        | 425       |
| 149572          | 520       | 0.04    | 2350     | 650      | 270      | <0.5      | 5         | 616       |
| 149573          | 328       | 0.04    | 2500     | 900      | 295      | <0.5      | 7         | 598       |
| 149574          | 678       | 0.02    | 2400     | 650      | 275      | <0.5      | 6         | 399       |
| 149575          | 1300      | 0.04    | 2400     | 350      | 265      | <0.5      | 15        | 415       |
| 149576          | 1990      | 0.06    | 1650     | 2000     | 190      | <0.5      | 30        | 647       |
| 149577          | 4240      | 0.05    | 300      | 5750     | 55       | <0.5      | 16        | 228       |
| 149578          | 2900      | 0.06    | 600      | 1400     | 80       | <0.5      | 5         | 284       |
| 149579          | 1420      | 0.03    | 2450     | 9400     | 245      | <0.5      | 12        | 373       |
| 149579 Rpt      | 1400      | 0.03    | 2500     | 9500     | 245      | <0.5      | 13        | 376       |
| 149580          | 86        | <0.01   | 200      | 8.38%    | 10       | 2.5       | 3040      | 16        |
| 149581          | 1250      | 0.02    | 2600     | 900      | 235      | <0.5      | 12        | 288       |
| 149582          | 382       | 0.03    | 2900     | 950      | 260      | <0.5      | 4         | 246       |
| 149583          | 210       | 0.02    | 2500     | 450      | 240      | <0.5      | 2         | 149       |
| 149584          | 1920      | 0.03    | 2200     | 1000     | 220      | <0.5      | 3         | 319       |
| Std Nominal     | 80        | <0.01   | <50      | 100      | 5        | <0.5      | <1        |           |
| Determined      | 80        | 0.01    | <50      | 150      | <5       | <0.5      | <1        | 171       |
| 149585          | 1540      | 0.05    | 250      | 3050     | 30       | <0.5      | 48        | 187       |
| 149586          | 594       | 0.05    | 800      | 5100     | 115      | <0.5      | 9         | 748       |
| 149587          | 1430      | 0.05    | 1700     | 1900     | 250      | <0.5      | 6         | 702       |
| 149587 Rpt      | 1430      | 0.05    | 1650     | 1850     | 245      | <0.5      | 5         | 689       |
| 14993           | 2700      | 0.03    | 600      | 100      | 450      | <0.5      | 126       | 592       |
| 14994           | 1750      | 0.03    | 500      | 400      | 115      | <0.5      | 36        | 465       |
| 14995           | 188       | 0.05    | 200      | 400      | 20       | <0.5      | 5         | 242       |
| 14996           | 126       | 0.07    | 250      | 200      | 45       | <0.5      | 6         | 433       |
| 14997           | 152       | 0.07    | 350      | 200      | 50       | <0.5      | 7         | 324       |
| 14998           | 178       | 0.08    | 500      | 150      | 105      | <0.5      | 12        | 586       |
| 14999           | 80        | 0.09    | 500      | 100      | 55       | <0.5      | 70        | 446       |
| 14999 Rpt       | 78        | 0.08    | 550      | 100      | 55       | <0.5      | 70        | 432       |



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|                 | Mn<br>ppm | Na<br>% | P<br>ppm | S<br>ppm | V<br>ppm | Ag<br>ppm | As<br>ppm | Ba<br>ppm |
|-----------------|-----------|---------|----------|----------|----------|-----------|-----------|-----------|
| Detection Limit | 2         | 0.01    | 50       | 50       | 5        | 0.5       | 1         | 1         |
| 15000           | 76        | 0.09    | 550      | 100      | 55       | <0.5      | 76        | 510       |
| 15001           | 330       | 0.08    | 650      | 150      | 35       | <0.5      | 42        | 698       |
| 15002           | 608       | 0.06    | 350      | 100      | 30       | <0.5      | 29        | 355       |
| 15003           | 1480      | 0.05    | 300      | 100      | 25       | <0.5      | 23        | 282       |
| 15004           | 2420      | 0.07    | 500      | 100      | 70       | <0.5      | 17        | 509       |
| 15005           | 3040      | 0.07    | 550      | 100      | 75       | <0.5      | 10        | 435       |
| 15006           | 2800      | 0.07    | 550      | 100      | 70       | <0.5      | 16        | 398       |
| 15007           | 1820      | 0.06    | 600      | 150      | 60       | <0.5      | 5         | 374       |
| 15008           | 1740      | 0.05    | 600      | 200      | 55       | <0.5      | 4         | 333       |
| 15009           | 1870      | 0.07    | 600      | 50       | 60       | <0.5      | 4         | 325       |
| 149614          | 1740      | 0.07    | 550      | 50       | 60       | <0.5      | 4         | 335       |
| 149615          | 1870      | 0.07    | 600      | 100      | 65       | <0.5      | 3         | 402       |
| 15018           | 1690      | 0.05    | 600      | 150      | 65       | <0.5      | 3         | 372       |
| 15019           | 1580      | 0.06    | 600      | 350      | 75       | <0.5      | 4         | 400       |
| Std Nominal     | 1710      | 0.03    | <50      | 100      | 40       | <0.5      | <1        | 2         |
| Determined      | 1680      | 0.02    | <50      | 150      | 35       | <0.5      | <1        | 2         |
| 15020           | 90        | <0.01   | 200      | 8.18%    | 10       | 2.5       | 3040      | 17        |
| 15021           | 1470      | 0.07    | 600      | 550      | 80       | <0.5      | 5         | 409       |
| 15021 Rpt       | 1500      | 0.07    | 650      | 550      | 85       | <0.5      | 6         | 415       |
| 15022           | 4580      | 0.03    | 300      | 250      | 105      | <0.5      | 17        | 272       |
| 15023           | 2650      | 0.04    | 3150     | 450      | 165      | <0.5      | 2         | 377       |
| 15024           | 1100      | 0.04    | 2400     | 650      | 245      | <0.5      | 3         | 760       |
| 15025           | 1940      | 0.03    | 2000     | 600      | 200      | <0.5      | 2         | 706       |
| 15026           | 1900      | 0.03    | 2250     | 200      | 225      | <0.5      | 2         | 446       |
| 15027           | 1490      | 0.04    | 2300     | 500      | 245      | <0.5      | 10        | 430       |
| 15028           | 1160      | 0.03    | 2250     | 250      | 265      | <0.5      | 6         | 621       |
| 149616          | 786       | 0.03    | 2450     | 800      | 290      | <0.5      | 5         | 563       |
| 149617          | 404       | 0.06    | 2250     | 150      | 265      | <0.5      | 1         | 1410      |
| 149618          | 808       | 0.05    | 2250     | 250      | 260      | <0.5      | 3         | 568       |
| 149619          | 820       | 0.05    | 2300     | 750      | 265      | <0.5      | 4         | 456       |
| 149620          | 802       | 0.05    | 2200     | 850      | 245      | <0.5      | 4         | 441       |
| 149620 Rpt      | 804       | 0.04    | 2150     | 800      | 240      | <0.5      | 3         | 445       |
| 149621          | 1060      | 0.04    | 2350     | 850      | 265      | <0.5      | 4         | 390       |
| 149622          | 432       | 0.03    | 2550     | 950      | 285      | <0.5      | 5         | 515       |
| 149623          | 1760      | 0.03    | 2100     | 1150     | 230      | <0.5      | 8         | 405       |
| 149624          | 5860      | 0.03    | 350      | 350      | 65       | <0.5      | 1         | 240       |
| Std Nominal     | 1510      | 0.19    | 50       | <50      | 230      | <0.5      | 1         | 14        |
| Determined      | 1480      | 0.18    | 50       | 50       | 235      | <0.5      | 1         | 14        |
| 15063           | 5090      | 0.02    | 200      | 300      | 40       | <0.5      | 2         | 162       |
| 15064           | 4070      | 0.04    | 400      | 1200     | 70       | <0.5      | 13        | 359       |
| 15065           | 1670      | 0.06    | 500      | 1050     | 130      | <0.5      | 5         | 578       |
| 15066           | 1070      | 0.07    | 1400     | 1200     | 225      | <0.5      | 8         | 774       |
| 15067           | 618       | 0.04    | 2950     | 50       | 170      | <0.5      | 12        | 1060      |



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|                 | Mn<br>ppm | Na<br>% | P<br>ppm | S<br>ppm | V<br>ppm | Ag<br>ppm | As<br>ppm | Ba<br>ppm |
|-----------------|-----------|---------|----------|----------|----------|-----------|-----------|-----------|
| Detection Limit | 2         | 0.01    | 50       | 50       | 5        | 0.5       | 1         | 1         |
| 15068           | 1910      | 0.03    | 2700     | 50       | 245      | <0.5      | 59        | 930       |
| 15069           | 660       | 0.03    | 2900     | 100      | 200      | <0.5      | 33        | 741       |
| 15069 Rpt       | 658       | 0.03    | 2950     | 50       | 210      | <0.5      | 31        | 726       |
| 15070           | 1070      | 0.02    | 2750     | <50      | 265      | <0.5      | 27        | 668       |
| 15071           | 408       | 0.02    | 2850     | 150      | 270      | <0.5      | 32        | 493       |
| 15072           | 224       | 0.02    | 3100     | 50       | 310      | <0.5      | 26        | 447       |
| 149625          | 172       | 0.02    | 3150     | 550      | 305      | <0.5      | 4         | 351       |
| 149626          | 254       | 0.02    | 2900     | 600      | 290      | <0.5      | 5         | 524       |
| 149626 Rpt      | 254       | 0.02    | 2850     | 650      | 280      | <0.5      | 5         | 491       |
| 149627          | 1130      | 0.02    | 2700     | 750      | 240      | <0.5      | 9         | 558       |
| 149628          | 5340      | 0.02    | 350      | 650      | 50       | <0.5      | 2         | 300       |
| 149629          | 3490      | 0.02    | 1000     | 400      | 140      | <0.5      | 12        | 755       |
| Std Nominal     | 5810      | <0.01   | 50       | 1900     | 125      | <0.5      | 2         | 38        |
| Determined      | 5620      | <0.01   | 100      | 1900     | 130      | <0.5      | 2         | 39        |
| 149630          | 732       | 0.01    | 1950     | 400      | 285      | <0.5      | 11        | 408       |
| 16469           | 9240      | 0.02    | 800      | 150      | 540      | <0.5      | 70        | 1120      |
| 16470           | 6770      | 0.02    | 1250     | 150      | 330      | <0.5      | 87        | 901       |
| 16471           | 1760      | 0.03    | 250      | 200      | 55       | <0.5      | 35        | 442       |
| 16472           | 956       | 0.04    | 150      | 100      | 40       | <0.5      | 16        | 334       |
| 16473           | 1160      | 0.05    | 150      | 100      | 35       | <0.5      | 12        | 366       |
| 16474           | 686       | 0.05    | 350      | <50      | 40       | 0.5       | 10        | 332       |
| 16475           | 2550      | 0.05    | 600      | <50      | 60       | <0.5      | 13        | 396       |
| 16476           | 3510      | 0.06    | 1100     | 50       | 165      | <0.5      | 62        | 653       |
| 16477           | 2450      | 0.06    | 1100     | 50       | 60       | <0.5      | 15        | 423       |
| 16478           | 604       | 0.07    | 650      | <50      | 45       | <0.5      | 6         | 412       |
| 16479           | 478       | 0.05    | 450      | <50      | 10       | <0.5      | 5         | 208       |
| 16480           | 1240      | 0.33    | 100      | 750      | 140      | <0.5      | 18        | 139       |
| Std Nominal     | 996       | 0.09    | 150      | 3.11%    | 40       | <0.5      | 25        | 17        |
| Determined      | 1000      | 0.09    | 100      | 3.07%    | 35       | <0.5      | 24        | 18        |
| 16481           | 2850      | 0.05    | 600      | 100      | 45       | <0.5      | 23        | 376       |
| 16481 Rpt       | 2790      | 0.05    | 650      | 100      | 45       | <0.5      | 23        | 378       |
| 16482           | 3410      | 0.06    | 450      | 50       | 35       | <0.5      | 25        | 335       |
| 16483           | 2350      | 0.04    | 300      | 100      | 25       | <0.5      | 25        | 246       |
| 16484           | 1870      | 0.06    | 250      | 50       | 15       | <0.5      | 17        | 260       |
| 16485           | 2430      | 0.05    | 250      | 50       | 15       | <0.5      | 26        | 291       |
| 16486           | 2040      | 0.06    | 350      | 50       | 45       | <0.5      | 22        | 353       |
| 16487           | 1940      | 0.06    | 400      | <50      | 50       | <0.5      | 6         | 355       |
| 16487 Rpt       | 1930      | 0.05    | 400      | 50       | 50       | <0.5      | 6         | 367       |
| 16488           | 2210      | 0.06    | 400      | 50       | 60       | <0.5      | 4         | 384       |
| 16489           | 2030      | 0.07    | 450      | 50       | 60       | <0.5      | 7         | 383       |
| 139934          | 1850      | 0.06    | 500      | <50      | 60       | <0.5      | 4         | 393       |
| 139935          | 1780      | 0.06    | 550      | 50       | 60       | <0.5      | 7         | 431       |
| 139936          | 1910      | 0.06    | 600      | 50       | 70       | <0.5      | 4         | 416       |



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|                 | Mn<br>ppm | Na<br>% | P<br>ppm | S<br>ppm | V<br>ppm | Ag<br>ppm | As<br>ppm | Ba<br>ppm |
|-----------------|-----------|---------|----------|----------|----------|-----------|-----------|-----------|
| Detection Limit | 2         | 0.01    | 50       | 50       | 5        | 0.5       | 1         | 1         |
| 139937          | 1700      | 0.05    | 1050     | 700      | 115      | <0.5      | 15        | 457       |
| 139938          | 1400      | 0.03    | 2400     | 100      | 245      | <0.5      | 33        | 1020      |
| 139939          | 2230      | 0.02    | 2050     | 2000     | 230      | <0.5      | 25        | 411       |
| 139940          | 1870      | 0.02    | 2100     | 2250     | 245      | <0.5      | 27        | 414       |
| 139941          | 1540      | 0.03    | 2250     | 1250     | 245      | <0.5      | 8         | 473       |
| 139942          | 1240      | 0.03    | 2200     | 1150     | 260      | <0.5      | 6         | 533       |
| 139943          | 1600      | 0.03    | 2250     | 1050     | 260      | <0.5      | 8         | 420       |
| 139944          | 1050      | 0.02    | 2600     | 1350     | 285      | <0.5      | 14        | 625       |
| 139945          | 426       | 0.02    | 2700     | 1550     | 305      | <0.5      | 28        | 689       |
| 139946          | 768       | 0.02    | 2850     | 1150     | 285      | 0.5       | 34        | 603       |
| 16540           | 84        | <0.01   | 200      | 8.32%    | 10       | 2.5       | 3020      | 16        |
| 16540 Rpt       | 84        | 0.01    | 200      | 8.20%    | 15       | 2.5       | 3050      | 16        |
| 16541           | 428       | 0.04    | 2650     | 700      | 225      | <0.5      | 9         | 680       |
| 16542           | 1780      | 0.07    | 1000     | 750      | 185      | <0.5      | 23        | 507       |
| Std Nominal     | 1390      | 1.82    | 100      | 100      | 220      | <0.5      | 1         | 102       |
| Determined      | 1390      | 1.87    | 50       | 100      | 215      | <0.5      | 1         | 100       |
| 16543           | 4340      | 0.04    | 550      | 2150     | 75       | <0.5      | 45        | 390       |
| 16544           | 4430      | 0.03    | 450      | 2450     | 55       | <0.5      | 23        | 319       |
| 16545           | 4670      | 0.03    | 350      | 1550     | 70       | <0.5      | 9         | 322       |
| 16546           | 4750      | 0.04    | 400      | 1050     | 45       | <0.5      | 15        | 312       |
| 16547           | 5030      | 0.03    | 250      | 750      | 50       | <0.5      | 8         | 253       |
| 16548           | 2930      | 0.06    | 300      | 600      | 105      | <0.5      | 6         | 456       |
| 16548 Rpt       | 2960      | 0.05    | 300      | 650      | 105      | <0.5      | 5         | 462       |
| 139947          | 2150      | 0.03    | 1750     | 800      | 160      | <0.5      | 11        | 785       |
| 139948          | 278       | 0.03    | 3100     | 450      | 250      | <0.5      | 5         | 531       |
| 139949          | 1130      | 0.02    | 2550     | 1350     | 225      | <0.5      | 8         | 840       |
| 139950          | 864       | 0.03    | 2500     | 350      | 235      | <0.5      | 3         | 373       |
| 139951          | 932       | 0.03    | 2400     | 450      | 225      | <0.5      | 2         | 369       |
| 16570           | 1200      | 0.02    | 2650     | 350      | 275      | <0.5      | 17        | 562       |
| 16571           | 2080      | 0.03    | 250      | 200      | 20       | <0.5      | 3         | 133       |
| 16571 Rpt       | 2060      | 0.03    | 250      | 200      | 20       | <0.5      | 4         | 132       |
| 16572           | 1520      | 0.03    | 250      | 900      | 15       | <0.5      | 9         | 129       |
| 16573           | 1360      | 0.03    | 300      | 1250     | 25       | <0.5      | 6         | 164       |
| 16574           | 264       | 0.02    | 250      | 100      | 75       | <0.5      | 28        | 103       |
| 16575           | 190       | 0.04    | 250      | 100      | 45       | <0.5      | 45        | 222       |
| 16576           | 316       | 0.06    | 200      | 50       | 70       | <0.5      | 89        | 493       |
| 16577           | 84        | 0.07    | 600      | 50       | 80       | 0.5       | 208       | 657       |
| 16578           | 116       | 0.13    | 800      | 100      | 130      | 1.0       | 168       | 909       |
| 16578 Rpt       | 112       | 0.12    | 850      | 100      | 130      | 0.5       | 161       | 894       |
| Std Nominal     | 1070      | 2.15    | 1300     | 1.74%    | 155      | 0.5       | 13        | 239       |
| Determined      | 1080      | 2.18    | 1250     | 1.72%    | 150      | <0.5      | 13        | 245       |
| Std Nominal     | 620       |         | 550      |          |          |           |           |           |
| Determined      | NR        | NR      | NR       | NR       | NR       | NR        | NR        | NR        |





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|                 | Mn<br>ppm | Na<br>% | P<br>ppm | S<br>ppm | V<br>ppm | Ag<br>ppm | As<br>ppm | Ba<br>ppm |
|-----------------|-----------|---------|----------|----------|----------|-----------|-----------|-----------|
| Detection Limit | 2         | 0.01    | 50       | 50       | 5        | 0.5       | 1         | 1         |
| Std Nominal     | 232       |         | 1850     |          |          |           |           |           |
| Determined      | NR        | NR      | NR       | NR       | NR       | NR        | NR        | NR        |
| *****           |           |         |          |          |          |           |           |           |



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|                 | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Cu<br>ppm | Li<br>ppm | Mo<br>ppm | Ni<br>ppm | Pb<br>ppm |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Detection Limit | 0.1       | 0.5       | 5         | 2         | 0.5       | 0.5       | 2         | 1         |
| 14675           | 1.0       | 0.5       | 265       | 706       | 17.0      | 2.0       | 120       | 15        |
| 14676           | 1.6       | <0.5      | 90        | 234       | 5.5       | 0.5       | 44        | 19        |
| Std Nominal     | <0.1      | <0.5      | 750       | 26        | 3.0       | 1.0       | 1.48%     | 3         |
| Determined      | <0.1      | <0.5      | 745       | 28        | 3.0       | 1.0       | 1.46%     | 3         |
| 14677           | 0.2       | <0.5      | 95        | 284       | 12.5      | 1.0       | 46        | 12        |
| 14677 Rpt       | 0.2       | <0.5      | 90        | 280       | 12.5      | 1.0       | 48        | 13        |
| 14678           | <0.1      | <0.5      | 15        | 90        | 7.0       | 1.0       | 18        | 7         |
| 14679           | <0.1      | <0.5      | 25        | 106       | 12.5      | 1.0       | 28        | 7         |
| 14680           | 49.7      | <0.5      | 2410      | 3.13%     | 10.5      | 10.5      | 116       | 423       |
| 14681           | 0.2       | <0.5      | 35        | 56        | 19.0      | 1.5       | 36        | 11        |
| 14682           | 0.4       | <0.5      | 90        | 358       | 26.5      | 0.5       | 58        | 13        |
| 149527          | <0.1      | <0.5      | 30        | 136       | 8.0       | 1.0       | 32        | 6         |
| 14687           | <0.1      | <0.5      | 230       | 534       | 6.5       | 1.0       | 70        | 6         |
| 14688           | 0.4       | <0.5      | 75        | 230       | 17.5      | 0.5       | 62        | 9         |
| 14688 Rpt       | 0.4       | <0.5      | 75        | 232       | 18.0      | 0.5       | 60        | 10        |
| 14689           | 0.4       | <0.5      | 100       | 14        | 17.0      | <0.5      | 30        | 6         |
| 14690           | 0.4       | <0.5      | 20        | 8         | 14.5      | 0.5       | 24        | 9         |
| 149528          | 0.3       | <0.5      | 10        | 6         | 13.5      | 0.5       | 24        | 10        |
| 149529          | 0.5       | <0.5      | 10        | 10        | 11.5      | 0.5       | 24        | 13        |
| 149530          | 0.4       | <0.5      | 10        | 4         | 12.0      | 0.5       | 24        | 12        |
| 149531          | 0.8       | <0.5      | 15        | 6         | 12.5      | 1.0       | 24        | 13        |
| 14706           | <0.1      | <0.5      | 20        | 40        | 8.0       | 1.0       | 14        | 6         |
| 14707           | <0.1      | <0.5      | 20        | 34        | 11.5      | 0.5       | 14        | 7         |
| 14708           | <0.1      | <0.5      | 25        | 16        | 27.0      | <0.5      | 18        | 9         |
| 14709           | <0.1      | <0.5      | 15        | <2        | 28.0      | <0.5      | 14        | 3         |
| 14710           | <0.1      | <0.5      | 20        | 8         | 28.0      | <0.5      | 14        | 4         |
| 14711           | <0.1      | <0.5      | 20        | 18        | 25.0      | <0.5      | 14        | 4         |
| 14712           | 0.1       | <0.5      | 35        | 4         | 32.0      | 1.0       | 38        | 5         |
| 14713           | 0.4       | <0.5      | 220       | 8         | 42.5      | <0.5      | 56        | 18        |
| 14714           | 0.8       | <0.5      | 560       | 10        | 34.5      | 0.5       | 120       | 52        |
| 14715           | <0.1      | <0.5      | 55        | <2        | 44.0      | 1.0       | 42        | 4         |
| 14716           | <0.1      | <0.5      | 25        | 2         | 14.0      | 0.5       | 14        | 5         |
| Std Nominal     | 0.9       | <0.5      | 285       | 876       | 11.0      | 1.0       | 1.41%     | 5         |
| Determined      | 1.0       | <0.5      | 280       | 878       | 12.0      | 1.0       | 1.37%     | 5         |
| 14717           | <0.1      | <0.5      | 20        | 6         | 11.5      | 1.0       | 30        | 5         |
| 14718           | <0.1      | <0.5      | 45        | 4         | 31.5      | 1.0       | 36        | 3         |
| 14719           | <0.1      | <0.5      | 40        | 14        | 27.0      | 0.5       | 26        | 3         |
| 14720           | <0.1      | <0.5      | 445       | 74        | 11.0      | 0.5       | 4950      | 7         |
| 14721           | <0.1      | <0.5      | 40        | 82        | 28.5      | 1.0       | 26        | 4         |
| 14721 Rpt       | <0.1      | <0.5      | 40        | 84        | 27.0      | 1.0       | 26        | 4         |
| 14722           | <0.1      | <0.5      | 30        | 46        | 27.0      | 1.0       | 16        | 4         |
| 14723           | <0.1      | <0.5      | 30        | 38        | 31.5      | 1.0       | 16        | 4         |
| 14724           | <0.1      | <0.5      | 35        | 20        | 39.0      | 1.0       | 24        | 3         |



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|                 | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Cu<br>ppm | Li<br>ppm | Mo<br>ppm | Ni<br>ppm | Pb<br>ppm |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Detection Limit | 0.1       | 0.5       | 5         | 2         | 0.5       | 0.5       | 2         | 1         |
| 14725           | <0.1      | <0.5      | 40        | 6         | 31.5      | 1.5       | 20        | 3         |
| 14726           | <0.1      | <0.5      | 40        | 32        | 36.5      | 1.0       | 16        | 12        |
| 149532          | <0.1      | <0.5      | 35        | 4         | 45.0      | 0.5       | 18        | 4         |
| 149532 Rpt      | <0.1      | <0.5      | 35        | 4         | 46.0      | 0.5       | 16        | 5         |
| 149533          | <0.1      | <0.5      | 40        | 12        | 54.0      | 2.0       | 18        | 9         |
| 149534          | 0.1       | <0.5      | 55        | 72        | 44.5      | 1.5       | 24        | 7         |
| 149535          | 0.1       | <0.5      | 20        | 4         | 16.0      | 1.0       | 16        | 6         |
| 149536          | <0.1      | <0.5      | 20        | <2        | 6.5       | 0.5       | 12        | 5         |
| 14748           | 0.1       | 0.5       | 10        | 8         | 6.5       | 1.0       | 8         | 9         |
| 14749           | 0.2       | <0.5      | 10        | 4         | 12.0      | 1.5       | 12        | 7         |
| 14750           | 0.1       | <0.5      | 10        | 90        | 13.5      | 2.0       | 12        | 6         |
| Std Nominal     | <0.1      | <0.5      | 60        | 14        | 6.0       | 1.0       | 120       | 3         |
| Determined      | <0.1      | <0.5      | 55        | 12        | 5.5       | 1.0       | 122       | 3         |
| 14751           | 0.2       | <0.5      | 25        | 20        | 24.0      | 1.0       | 14        | 4         |
| 14752           | 0.1       | <0.5      | 30        | 4         | 25.5      | 0.5       | 14        | 4         |
| 14752 Rpt       | <0.1      | <0.5      | 30        | 4         | 24.0      | 0.5       | 16        | 4         |
| 14753           | 0.2       | <0.5      | 25        | <2        | 16.0      | 0.5       | 10        | 4         |
| 14754           | 0.2       | <0.5      | 40        | 2         | 27.0      | <0.5      | 14        | 5         |
| 14755           | 0.3       | <0.5      | 40        | 4         | 20.0      | 0.5       | 10        | 7         |
| 149537          | 0.2       | <0.5      | 50        | 126       | 27.5      | 0.5       | 14        | 6         |
| 149538          | 0.1       | <0.5      | 55        | 14        | 42.0      | 0.5       | 18        | 6         |
| 149539          | 0.4       | <0.5      | 65        | 12        | 47.0      | 0.5       | 30        | 7         |
| 149540          | 0.4       | <0.5      | 70        | 14        | 47.0      | 0.5       | 34        | 7         |
| 149541          | <0.1      | <0.5      | 20        | 4         | 13.0      | <0.5      | 12        | 3         |
| 149542          | 0.2       | <0.5      | 20        | 8         | 16.5      | 1.0       | 18        | 9         |
| 149543          | 0.4       | <0.5      | 35        | 32        | 34.0      | 7.0       | 24        | 12        |
| 149544          | 0.1       | <0.5      | 25        | 36        | 12.5      | 1.0       | 16        | 9         |
| 14782           | <0.1      | <0.5      | 10        | 48        | 5.5       | 0.5       | 14        | 6         |
| 14783           | <0.1      | <0.5      | 15        | 42        | 7.5       | <0.5      | 28        | 5         |
| 14783 Rpt       | <0.1      | <0.5      | 15        | 42        | 8.0       | <0.5      | 28        | 5         |
| 14784           | <0.1      | <0.5      | 10        | 22        | 6.5       | 1.0       | 18        | 5         |
| 14785           | 0.4       | <0.5      | 20        | 10        | 16.5      | 0.5       | 20        | 9         |
| 149545          | 0.6       | <0.5      | 20        | 4         | 14.5      | 0.5       | 26        | 10        |
| 149546          | 0.4       | <0.5      | 10        | 2         | 11.0      | 0.5       | 24        | 12        |
| 149547          | 0.6       | <0.5      | 10        | 4         | 12.0      | 0.5       | 24        | 12        |
| 149548          | 0.5       | <0.5      | 20        | 4         | 11.5      | 0.5       | 26        | 14        |
| 14803           | 0.6       | <0.5      | 15        | 52        | 11.5      | 1.0       | 24        | 13        |
| Std Nominal     | <0.1      | <0.5      | 155       | 316       | 7.5       | 2.0       | 6930      | 3         |
| Determined      | <0.1      | <0.5      | 150       | 318       | 8.0       | 2.0       | 6960      | 3         |
| 14804           | 2.9       | <0.5      | 25        | 64        | 9.5       | 2.0       | 32        | 11        |
| 14805           | 2.4       | <0.5      | 35        | 50        | 5.0       | 7.5       | 30        | 16        |
| 14806           | 0.8       | <0.5      | 35        | 262       | 46.0      | 2.0       | 30        | 22        |
| 14807           | 0.2       | <0.5      | 65        | 78        | 23.5      | 1.0       | 50        | 13        |



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|                 | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Cu<br>ppm | Li<br>ppm | Mo<br>ppm | Ni<br>ppm | Pb<br>ppm |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Detection Limit | 0.1       | 0.5       | 5         | 2         | 0.5       | 0.5       | 2         | 1         |
| 14808           | 0.2       | <0.5      | 25        | 52        | 13.0      | 1.0       | 24        | 7         |
| 14809           | 0.2       | <0.5      | 20        | 40        | 11.5      | 1.0       | 16        | 7         |
| 14810           | <0.1      | <0.5      | 25        | 44        | 18.0      | 1.0       | 14        | 7         |
| 14811           | <0.1      | <0.5      | 40        | 44        | 34.0      | 0.5       | 24        | 10        |
| 14812           | 0.1       | <0.5      | 35        | 60        | 25.0      | 0.5       | 18        | 9         |
| 14813           | <0.1      | <0.5      | 30        | 108       | 18.0      | 1.0       | 20        | 10        |
| 14814           | 0.2       | <0.5      | 55        | 84        | 32.5      | 0.5       | 26        | 10        |
| 149549          | <0.1      | <0.5      | 40        | 36        | 30.5      | 0.5       | 20        | 4         |
| 149549 Rpt      | <0.1      | <0.5      | 40        | 34        | 29.0      | 0.5       | 18        | 4         |
| 149550          | <0.1      | <0.5      | 35        | 20        | 30.5      | 0.5       | 20        | 3         |
| 149551          | <0.1      | <0.5      | 35        | 30        | 37.5      | 1.0       | 20        | 5         |
| 149552          | <0.1      | <0.5      | 40        | 20        | 29.0      | 1.0       | 16        | 5         |
| 149553          | 0.1       | <0.5      | 45        | 20        | 45.0      | 1.5       | 16        | 9         |
| 149554          | 0.2       | <0.5      | 50        | 84        | 42.0      | 3.5       | 20        | 11        |
| 149554 Rpt      | 0.2       | <0.5      | 45        | 88        | 40.5      | 3.5       | 20        | 11        |
| 149555          | 0.2       | <0.5      | 10        | 26        | 8.0       | 1.5       | 10        | 7         |
| 149556          | <0.1      | <0.5      | 5         | 6         | 4.0       | 1.5       | 6         | 4         |
| 149557          | 0.1       | <0.5      | 5         | 8         | 8.5       | 1.5       | 6         | 6         |
| 149558          | 0.4       | <0.5      | 25        | 40        | 20.5      | 2.5       | 10        | 9         |
| Std Nominal     | 0.3       | <0.5      | <5        | 10        | 12.0      | 3.5       | 8         | 36        |
| Determined      | 0.3       | <0.5      | <5        | 12        | 11.5      | 3.5       | 6         | 34        |
| 149559          | 0.2       | <0.5      | 40        | 40        | 18.0      | <0.5      | 12        | 7         |
| 149560          | <0.1      | <0.5      | 440       | 74        | 11.0      | 0.5       | 5060      | 7         |
| 149561          | <0.1      | <0.5      | 40        | 42        | 24.0      | 0.5       | 30        | 6         |
| 149562          | 0.1       | <0.5      | 35        | 34        | 50.5      | 1.0       | 12        | 7         |
| 149563          | 0.2       | <0.5      | 40        | 90        | 49.0      | 1.0       | 20        | 11        |
| 149564          | 0.2       | <0.5      | 5         | 24        | 8.0       | 1.0       | 10        | 7         |
| 14878           | <0.1      | <0.5      | 10        | 12        | 4.0       | 4.0       | 4         | 6         |
| 14879           | 0.1       | <0.5      | <5        | 8         | 5.0       | 2.5       | 4         | 5         |
| 149565          | 0.2       | <0.5      | 30        | 42        | 22.0      | 1.0       | 16        | 6         |
| 149565 Rpt      | 0.2       | <0.5      | 25        | 44        | 22.5      | 1.0       | 14        | 5         |
| 14888           | 0.5       | <0.5      | 250       | 324       | 27.0      | 6.5       | 96        | 32        |
| 14889           | 1.0       | <0.5      | 520       | 562       | 46.5      | 8.0       | 164       | 45        |
| 14890           | 0.5       | <0.5      | 260       | 428       | 27.5      | 5.5       | 90        | 29        |
| 14891           | 0.2       | <0.5      | 60        | 160       | 14.0      | 1.5       | 40        | 10        |
| 14892           | <0.1      | <0.5      | 20        | 32        | 9.5       | 1.0       | 18        | 6         |
| 14893           | <0.1      | <0.5      | 20        | 30        | 10.5      | 0.5       | 18        | 5         |
| 14894           | 0.1       | <0.5      | 30        | 52        | 20.5      | 1.0       | 44        | 7         |
| 14895           | 0.4       | <0.5      | 70        | 16        | 19.0      | <0.5      | 28        | 7         |
| 149566          | 0.4       | <0.5      | 15        | 8         | 13.5      | 0.5       | 26        | 10        |
| 149566 Rpt      | 0.4       | <0.5      | 15        | 6         | 13.0      | 0.5       | 24        | 10        |
| 149567          | 0.3       | <0.5      | 10        | 4         | 10.5      | <0.5      | 20        | 9         |
| 149568          | 0.4       | <0.5      | 15        | 6         | 10.5      | <0.5      | 24        | 11        |



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|                 | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Cu<br>ppm | Li<br>ppm | Mo<br>ppm | Ni<br>ppm | Pb<br>ppm |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Detection Limit | 0.1       | 0.5       | 5         | 2         | 0.5       | 0.5       | 2         | 1         |
| 149569          | 0.4       | <0.5      | 25        | 34        | 13.0      | <0.5      | 28        | 11        |
| 14913           | 1.3       | <0.5      | 25        | 8         | 14.5      | 1.0       | 26        | 9         |
| 14914           | 4.1       | <0.5      | 35        | 24        | 18.0      | 1.5       | 18        | 20        |
| Std Nominal     | 3.0       | 9.0       | 45        | 1500      | 9.5       | 67.0      | 74        | 521       |
| Determined      | 2.9       | 9.0       | 45        | 1540      | 9.5       | 66.5      | 76        | 508       |
| 14915           | 0.4       | <0.5      | 30        | 20        | 24.0      | 0.5       | 16        | 6         |
| 14916           | 0.2       | <0.5      | 25        | 14        | 13.5      | 0.5       | 14        | 5         |
| 14917           | 0.1       | <0.5      | 25        | 6         | 20.0      | <0.5      | 12        | 3         |
| 14917 Rpt       | 0.1       | <0.5      | 20        | 6         | 20.0      | <0.5      | 12        | 3         |
| 14918           | 0.1       | <0.5      | 45        | 4         | 29.5      | <0.5      | 34        | 7         |
| 14919           | <0.1      | <0.5      | 50        | 4         | 35.5      | 0.5       | 38        | 6         |
| 14920           | Cavity    |           |           |           |           |           |           |           |
| 14921           | 0.2       | <0.5      | 55        | 4         | 26.0      | <0.5      | 36        | 5         |
| 149570          | 1.0       | <0.5      | 75        | 8         | 31.5      | <0.5      | 30        | 7         |
| 149571          | 0.2       | <0.5      | 65        | 12        | 41.0      | 0.5       | 28        | 5         |
| 149572          | 0.1       | <0.5      | 65        | 8         | 44.0      | <0.5      | 24        | 4         |
| 149573          | 0.1       | <0.5      | 110       | 258       | 41.5      | <0.5      | 32        | 7         |
| 149574          | <0.1      | <0.5      | 55        | 46        | 38.5      | 1.0       | 24        | 5         |
| 149575          | 0.3       | <0.5      | 45        | 28        | 20.5      | 1.0       | 20        | 4         |
| 149576          | 0.3       | <0.5      | 35        | 48        | 15.0      | 1.5       | 24        | 7         |
| 149577          | 0.8       | <0.5      | 20        | 28        | 8.5       | 5.5       | 12        | 7         |
| 149578          | 0.2       | <0.5      | 20        | 60        | 14.5      | 1.0       | 14        | 6         |
| 149579          | 0.1       | <0.5      | 55        | 14        | 20.5      | 1.5       | 26        | 4         |
| 149579 Rpt      | 0.1       | <0.5      | 60        | 16        | 19.0      | 1.0       | 28        | 4         |
| 149580          | 47.1      | <0.5      | 2450      | 3.09%     | 10.5      | 10.5      | 114       | 427       |
| 149581          | 0.2       | <0.5      | 50        | 250       | 28.0      | <0.5      | 34        | 4         |
| 149582          | 0.4       | <0.5      | 65        | 250       | 30.5      | 1.0       | 44        | 10        |
| 149583          | 0.3       | <0.5      | 60        | 36        | 48.0      | 0.5       | 42        | 6         |
| 149584          | 0.3       | <0.5      | 45        | 264       | 27.0      | 0.5       | 36        | 6         |
| Std Nominal     | <0.1      | <0.5      | 5         | 4         | 2.0       | <0.5      | 252       | 5         |
| Determined      | <0.1      | <0.5      | 5         | 2         | 2.0       | <0.5      | 254       | 5         |
| 149585          | 0.1       | <0.5      | 40        | 8         | 6.5       | 11.0      | 26        | 7         |
| 149586          | 0.3       | <0.5      | 25        | 32        | 19.5      | 7.0       | 16        | 10        |
| 149587          | 0.1       | <0.5      | 45        | 52        | 22.0      | 2.5       | 16        | 5         |
| 149587 Rpt      | 0.1       | <0.5      | 45        | 50        | 23.5      | 2.5       | 16        | 5         |
| 14993           | 0.8       | <0.5      | 565       | 506       | 27.0      | 8.0       | 142       | 30        |
| 14994           | 0.2       | <0.5      | 350       | 328       | 14.5      | 3.0       | 82        | 13        |
| 14995           | 0.2       | <0.5      | 20        | 104       | 5.0       | 1.5       | 18        | 4         |
| 14996           | 0.2       | <0.5      | 25        | 68        | 5.5       | 1.0       | 32        | 16        |
| 14997           | 0.1       | <0.5      | 35        | 120       | 10.5      | 1.5       | 44        | 6         |
| 14998           | 0.3       | <0.5      | 155       | 876       | 22.0      | 1.0       | 192       | 9         |
| 14999           | 1.8       | <0.5      | 55        | 1320      | 12.5      | 1.5       | 108       | 15        |
| 14999 Rpt       | 1.9       | <0.5      | 60        | 1360      | 12.0      | 1.5       | 110       | 15        |



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|                 | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Cu<br>ppm | Li<br>ppm | Mo<br>ppm | Ni<br>ppm | Pb<br>ppm |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Detection Limit | 0.1       | 0.5       | 5         | 2         | 0.5       | 0.5       | 2         | 1         |
| 15000           | 2.1       | <0.5      | 60        | 1300      | 12.0      | 1.5       | 108       | 15        |
| 15001           | 1.2       | <0.5      | 545       | 392       | 10.0      | 2.5       | 114       | 31        |
| 15002           | <0.1      | <0.5      | 50        | 322       | 9.5       | 1.5       | 68        | 6         |
| 15003           | <0.1      | <0.5      | 30        | 302       | 5.0       | 1.5       | 56        | 5         |
| 15004           | 0.4       | <0.5      | 155       | 562       | 16.0      | 1.0       | 124       | 9         |
| 15005           | 0.5       | <0.5      | 160       | 216       | 17.5      | 1.0       | 60        | 9         |
| 15006           | 0.5       | <0.5      | 290       | 564       | 15.5      | 1.0       | 128       | 9         |
| 15007           | 0.3       | <0.5      | 50        | 28        | 14.0      | 1.0       | 32        | 7         |
| 15008           | 0.4       | <0.5      | 25        | 22        | 9.5       | 1.0       | 28        | 10        |
| 15009           | 0.4       | <0.5      | 20        | 4         | 10.0      | 1.0       | 26        | 11        |
| 149614          | 0.4       | <0.5      | 10        | 4         | 9.5       | 0.5       | 26        | 11        |
| 149615          | 0.4       | <0.5      | 15        | <2        | 9.5       | 0.5       | 26        | 11        |
| 15018           | 0.3       | <0.5      | 10        | 2         | 9.5       | 1.0       | 26        | 10        |
| 15019           | 0.4       | <0.5      | 10        | 4         | 9.5       | 1.0       | 26        | 10        |
| Std Nominal     | <0.1      | <0.5      | 210       | 10        | 4.0       | 1.0       | 2000      | 2         |
| Determined      | <0.1      | <0.5      | 205       | 12        | 4.0       | 1.0       | 1960      | 2         |
| 15020           | 50.2      | <0.5      | 2410      | 3.06%     | 10.0      | 11.0      | 118       | 438       |
| 15021           | 0.5       | <0.5      | 35        | 12        | 13.0      | 1.5       | 32        | 11        |
| 15021 Rpt       | 0.4       | <0.5      | 35        | 12        | 13.0      | 1.5       | 32        | 12        |
| 15022           | <0.1      | <0.5      | 20        | 6         | 9.5       | 1.0       | 18        | 5         |
| 15023           | <0.1      | <0.5      | 20        | 4         | 17.0      | 0.5       | 16        | 5         |
| 15024           | 0.1       | <0.5      | 20        | 24        | 30.0      | <0.5      | 16        | 4         |
| 15025           | 0.2       | <0.5      | 15        | 14        | 19.0      | 3.0       | 12        | 6         |
| 15026           | 1.0       | <0.5      | 20        | 6         | 10.0      | 1.0       | 18        | 13        |
| 15027           | 0.2       | <0.5      | 20        | 4         | 13.0      | 1.0       | 18        | 4         |
| 15028           | 0.1       | <0.5      | 30        | 6         | 30.0      | 1.0       | 28        | 4         |
| 149616          | 1.0       | <0.5      | 55        | 8         | 42.5      | 1.0       | 32        | 6         |
| 149617          | <0.1      | <0.5      | 35        | 12        | 53.5      | 1.0       | 24        | 4         |
| 149618          | <0.1      | <0.5      | 40        | 8         | 40.5      | 1.0       | 24        | 3         |
| 149619          | 0.1       | <0.5      | 45        | 20        | 41.5      | 1.5       | 24        | 5         |
| 149620          | 0.1       | <0.5      | 45        | 12        | 40.5      | 1.0       | 24        | 5         |
| 149620 Rpt      | <0.1      | <0.5      | 40        | 10        | 38.5      | 1.0       | 20        | 4         |
| 149621          | <0.1      | <0.5      | 60        | 24        | 49.5      | 0.5       | 28        | 5         |
| 149622          | 0.1       | <0.5      | 55        | 32        | 53.5      | 0.5       | 30        | 9         |
| 149623          | 0.8       | <0.5      | 50        | 18        | 38.5      | 0.5       | 34        | 11        |
| 149624          | <0.1      | <0.5      | 40        | 14        | 14.5      | <0.5      | 30        | 7         |
| Std Nominal     | 0.1       | <0.5      | 95        | 1760      | 3.0       | <0.5      | 1020      | 3         |
| Determined      | 0.1       | <0.5      | 90        | 1770      | 3.0       | <0.5      | 1050      | 3         |
| 15063           | <0.1      | <0.5      | 20        | 62        | 7.5       | 1.0       | 30        | 5         |
| 15064           | 0.1       | <0.5      | 230       | 482       | 10.0      | 0.5       | 122       | 21        |
| 15065           | <0.1      | <0.5      | 80        | 32        | 28.5      | 0.5       | 64        | 9         |
| 15066           | 0.3       | <0.5      | 40        | 8         | 28.0      | 1.0       | 40        | 9         |
| 15067           | 0.1       | <0.5      | 25        | 8         | 19.0      | 0.5       | 24        | 5         |



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|                 | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Cu<br>ppm | Li<br>ppm | Mo<br>ppm | Ni<br>ppm | Pb<br>ppm |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Detection Limit | 0.1       | 0.5       | 5         | 2         | 0.5       | 0.5       | 2         | 1         |
| 15068           | 0.2       | <0.5      | 55        | 86        | 16.0      | 2.5       | 36        | 9         |
| 15069           | 0.1       | <0.5      | 40        | 32        | 21.0      | 1.0       | 30        | 5         |
| 15069 Rpt       | 0.1       | <0.5      | 40        | 34        | 22.5      | 1.0       | 32        | 6         |
| 15070           | 0.2       | <0.5      | 45        | 16        | 32.0      | 1.0       | 30        | 5         |
| 15071           | 0.5       | <0.5      | 60        | 8         | 44.5      | 0.5       | 30        | 9         |
| 15072           | 0.1       | <0.5      | 60        | 8         | 53.0      | 0.5       | 42        | 5         |
| 149625          | 0.2       | <0.5      | 55        | 4         | 58.5      | <0.5      | 36        | 4         |
| 149626          | 0.5       | <0.5      | 50        | 16        | 59.0      | <0.5      | 32        | 7         |
| 149626 Rpt      | 0.5       | <0.5      | 50        | 16        | 60.5      | <0.5      | 32        | 7         |
| 149627          | 0.3       | <0.5      | 50        | 280       | 39.5      | <0.5      | 28        | 6         |
| 149628          | <0.1      | <0.5      | 20        | 4         | 9.0       | 0.5       | 20        | 3         |
| 149629          | 0.1       | <0.5      | 20        | 6         | 18.0      | 0.5       | 28        | 5         |
| Std Nominal     | <0.1      | <0.5      | 750       | 26        | 3.0       | 1.0       | 1.48%     | 3         |
| Determined      | <0.1      | <0.5      | 745       | 26        | 3.0       | 1.0       | 1.43%     | 3         |
| 149630          | 0.2       | <0.5      | 75        | 210       | 48.5      | 1.0       | 38        | 6         |
| 16469           | 0.6       | <0.5      | 355       | 694       | 39.5      | 8.5       | 134       | 49        |
| 16470           | 0.2       | <0.5      | 770       | 1330      | 38.5      | 10.0      | 186       | 36        |
| 16471           | 0.1       | <0.5      | 170       | 260       | 11.5      | 11.5      | 42        | 10        |
| 16472           | <0.1      | <0.5      | 70        | 160       | 7.0       | 2.5       | 30        | 5         |
| 16473           | <0.1      | <0.5      | 55        | 146       | 7.0       | 1.5       | 30        | 5         |
| 16474           | <0.1      | <0.5      | 40        | 52        | 16.0      | 1.5       | 30        | 5         |
| 16475           | 0.3       | <0.5      | 30        | 26        | 13.0      | 2.0       | 36        | 12        |
| 16476           | 1.1       | <0.5      | 260       | 370       | 26.0      | 4.0       | 82        | 24        |
| 16477           | 0.3       | <0.5      | 25        | 14        | 17.0      | 1.5       | 32        | 11        |
| 16478           | <0.1      | <0.5      | 30        | 44        | 12.0      | <0.5      | 30        | 7         |
| 16479           | <0.1      | <0.5      | 20        | 40        | 4.0       | <0.5      | 14        | 4         |
| 16480           | <0.1      | <0.5      | 440       | 78        | 11.5      | 0.5       | 4970      | 7         |
| Std Nominal     | 0.9       | <0.5      | 285       | 876       | 11.0      | 1.0       | 1.41%     | 5         |
| Determined      | 0.9       | <0.5      | 280       | 878       | 11.5      | 1.0       | 1.36%     | 5         |
| 16481           | 0.3       | <0.5      | 30        | 22        | 10.0      | 1.0       | 40        | 9         |
| 16481 Rpt       | 0.3       | <0.5      | 30        | 20        | 10.0      | 1.0       | 42        | 9         |
| 16482           | 0.3       | <0.5      | 25        | 30        | 7.5       | 1.0       | 30        | 7         |
| 16483           | <0.1      | <0.5      | 15        | 12        | 7.5       | 1.0       | 18        | 5         |
| 16484           | 0.1       | <0.5      | 15        | 4         | 6.5       | <0.5      | 18        | 5         |
| 16485           | <0.1      | <0.5      | 10        | 4         | 6.5       | 0.5       | 10        | 6         |
| 16486           | 0.3       | <0.5      | 15        | 8         | 14.5      | 1.0       | 20        | 9         |
| 16487           | 0.4       | <0.5      | 15        | 2         | 15.0      | 1.0       | 26        | 10        |
| 16487 Rpt       | 0.5       | <0.5      | 15        | 4         | 15.5      | 1.0       | 24        | 10        |
| 16488           | 0.8       | <0.5      | 10        | 4         | 16.0      | 0.5       | 20        | 10        |
| 16489           | 0.5       | <0.5      | 20        | 10        | 14.0      | 1.5       | 24        | 11        |
| 139934          | 0.4       | <0.5      | 10        | 2         | 10.0      | 0.5       | 20        | 12        |
| 139935          | 0.4       | <0.5      | 10        | 4         | 10.5      | 0.5       | 26        | 11        |
| 139936          | 0.5       | <0.5      | 15        | 2         | 11.0      | 0.5       | 28        | 11        |



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|                 | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Cu<br>ppm | Li<br>ppm | Mo<br>ppm | Ni<br>ppm | Pb<br>ppm |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Detection Limit | 0.1       | 0.5       | 5         | 2         | 0.5       | 0.5       | 2         | 1         |
| 139937          | 1.0       | <0.5      | 35        | 26        | 15.5      | 1.5       | 54        | 13        |
| 139938          | 0.5       | <0.5      | 45        | 120       | 29.5      | 0.5       | 26        | 6         |
| 139939          | 0.3       | <0.5      | 40        | 20        | 32.5      | 0.5       | 30        | 5         |
| 139940          | 0.4       | <0.5      | 50        | 74        | 38.5      | 0.5       | 32        | 6         |
| 139941          | <0.1      | <0.5      | 45        | 28        | 41.0      | 0.5       | 26        | 5         |
| 139942          | 0.2       | <0.5      | 40        | 12        | 34.5      | 3.0       | 20        | 4         |
| 139943          | <0.1      | <0.5      | 45        | 28        | 33.0      | 0.5       | 26        | 4         |
| 139944          | 0.2       | <0.5      | 40        | 16        | 25.5      | 1.0       | 34        | 6         |
| 139945          | 0.5       | 0.5       | 135       | 44        | 34.5      | 2.0       | 102       | 15        |
| 139946          | 1.0       | <0.5      | 130       | 14        | 35.0      | 1.0       | 96        | 39        |
| 16540           | 48.9      | <0.5      | 2420      | 3.15%     | 10.5      | 10.5      | 116       | 431       |
| 16540 Rpt       | 49.2      | <0.5      | 2450      | 3.11%     | 11.0      | 11.0      | 114       | 443       |
| 16541           | <0.1      | <0.5      | 50        | 16        | 35.0      | <0.5      | 52        | 6         |
| 16542           | 0.1       | <0.5      | 160       | 44        | 32.0      | <0.5      | 118       | 21        |
| Std Nominal     | <0.1      | <0.5      | 60        | 14        | 6.0       | 1.0       | 120       | 3         |
| Determined      | <0.1      | <0.5      | 55        | 14        | 6.0       | 1.0       | 122       | 3         |
| 16543           | 0.2       | <0.5      | 750       | 98        | 11.5      | 0.5       | 368       | 30        |
| 16544           | 0.2       | <0.5      | 675       | 18        | 9.0       | 0.5       | 356       | 13        |
| 16545           | 0.1       | <0.5      | 480       | 6         | 5.5       | <0.5      | 238       | 6         |
| 16546           | 0.1       | <0.5      | 355       | 12        | 8.5       | <0.5      | 188       | 15        |
| 16547           | <0.1      | <0.5      | 270       | 68        | 6.5       | <0.5      | 154       | 13        |
| 16548           | 0.2       | <0.5      | 170       | 14        | 19.5      | <0.5      | 96        | 10        |
| 16548 Rpt       | 0.3       | <0.5      | 175       | 16        | 20.0      | <0.5      | 94        | 10        |
| 139947          | 0.2       | <0.5      | 40        | 40        | 19.0      | 1.0       | 36        | 6         |
| 139948          | <0.1      | <0.5      | 30        | 18        | 28.0      | 0.5       | 36        | 7         |
| 139949          | 0.1       | <0.5      | 60        | 72        | 32.0      | <0.5      | 28        | 4         |
| 139950          | <0.1      | <0.5      | 35        | 16        | 36.0      | 0.5       | 18        | 4         |
| 139951          | <0.1      | <0.5      | 40        | 116       | 42.5      | <0.5      | 16        | 4         |
| 16570           | 0.2       | <0.5      | 50        | 32        | 38.0      | 1.0       | 24        | 11        |
| 16571           | <0.1      | <0.5      | 15        | 4         | 9.0       | 0.5       | 10        | 4         |
| 16571 Rpt       | <0.1      | <0.5      | 15        | 6         | 9.0       | 0.5       | 10        | 4         |
| 16572           | 0.1       | <0.5      | 10        | 14        | 8.0       | 1.0       | 10        | 4         |
| 16573           | <0.1      | <0.5      | 10        | 10        | 16.0      | 0.5       | 16        | 5         |
| 16574           | 0.1       | <0.5      | 30        | 146       | 8.0       | 2.5       | 20        | 7         |
| 16575           | 0.3       | <0.5      | 35        | 244       | 10.0      | 4.0       | 30        | 9         |
| 16576           | 0.5       | <0.5      | 1380      | 884       | 16.5      | 3.5       | 124       | 14        |
| 16577           | 2.3       | <0.5      | 385       | 1060      | 23.5      | 2.5       | 216       | 29        |
| 16578           | 4.3       | <0.5      | 955       | 572       | 13.5      | 2.5       | 198       | 31        |
| 16578 Rpt       | 4.4       | <0.5      | 950       | 572       | 13.0      | 2.5       | 200       | 30        |
| Std Nominal     | <0.1      | <0.5      | 155       | 316       | 7.5       | 2.0       | 6930      | 3         |
| Determined      | <0.1      | <0.5      | 150       | 314       | 7.5       | 2.0       | 6900      | 4         |
| Std Nominal     |           |           | 1.50%     | 4480      |           |           |           |           |
| Determined      | NR        | NR        | NR        | NR        | NR        | NR        | NR        | NR        |





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|                 | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Cu<br>ppm | Li<br>ppm | Mo<br>ppm | Ni<br>ppm | Pb<br>ppm |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Detection Limit | 0.1       | 0.5       | 5         | 2         | 0.5       | 0.5       | 2         | 1         |
| Std Nominal     |           |           | 1600      | 9990      |           |           |           |           |
| Determined      | NR        | NR        | NR        | NR        | NR        | NR        | NR        | NR        |
| *****           |           |           |           |           |           |           |           |           |



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|                 | Zn<br>ppm | U<br>ppm | Th<br>ppm |
|-----------------|-----------|----------|-----------|
| Detection Limit | 2         | 0.1      | 0.1       |
| 14675           | 26        | 4.8      | 11.1      |
| 14676           | 62        | 6.8      | 11.8      |
| Std Nominal     | 516       | 0.2      | 0.2       |
| Determined      | 520       | 0.2      | 0.2       |
| 14677           | 32        | 3.2      | 10.3      |
| 14677 Rpt       | 34        | 3.4      | 11.0      |
| 14678           | 48        | 1.4      | 6.5       |
| 14679           | 38        | 2.4      | 14.1      |
| 14680           | 38        | 1.4      | 3.2       |
| 14681           | 54        | 3.9      | 19.8      |
| 14682           | 52        | 4.4      | 26.5      |
| 149527          | 12        | 1.7      | 10.9      |
| 14687           | 18        | 1.8      | 8.7       |
| 14688           | 34        | 3.0      | 17.4      |
| 14688 Rpt       | 36        | 3.2      | 18.4      |
| 14689           | 32        | 2.3      | 17.3      |
| 14690           | 42        | 2.3      | 17.4      |
| 149528          | 38        | 2.1      | 17.7      |
| 149529          | 42        | 2.6      | 17.6      |
| 149530          | 42        | 3.5      | 17.3      |
| 149531          | 32        | 4.3      | 17.9      |
| 14706           | 18        | 12.5     | 6.9       |
| 14707           | 20        | 18.2     | 12.7      |
| 14708           | 24        | 8.9      | 11.8      |
| 14709           | 20        | 6.4      | 9.8       |
| 14710           | 18        | 7.3      | 9.8       |
| 14711           | 20        | 6.8      | 9.0       |
| 14712           | 48        | 8.2      | 9.8       |
| 14713           | 60        | 9.1      | 12.4      |
| 14714           | 52        | 8.2      | 12.5      |
| 14715           | 64        | 8.3      | 11.2      |
| 14716           | 22        | 9.6      | 9.8       |
| Std Nominal     | 76        | 0.3      | 1.1       |
| Determined      | 74        | 0.3      | 1.0       |
| 14717           | 24        | 3.9      | 10.7      |
| 14718           | 54        | 4.3      | 11.1      |
| 14719           | 42        | 3.9      | 11.1      |
| 14720           | 94        | 1.0      | 2.8       |
| 14721           | 48        | 5.1      | 10.9      |
| 14721 Rpt       | 50        | 5.2      | 10.9      |
| 14722           | 44        | 7.1      | 8.9       |
| 14723           | 44        | 9.5      | 9.2       |
| 14724           | 50        | 3.7      | 10.2      |



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|                 | Zn<br>ppm | U<br>ppm | Th<br>ppm |
|-----------------|-----------|----------|-----------|
| Detection Limit | 2         | 0.1      | 0.1       |
| 14725           | 38        | 2.3      | 11.1      |
| 14726           | 44        | 2.1      | 10.4      |
| 149532          | 60        | 2.1      | 10.8      |
| 149532 Rpt      | 60        | 2.2      | 11.1      |
| 149533          | 88        | 3.1      | 10.5      |
| 149534          | 144       | 2.8      | 11.4      |
| 149535          | 36        | 3.5      | 11.4      |
| 149536          | 30        | 2.3      | 7.4       |
| 14748           | 60        | 1.3      | 5.3       |
| 14749           | 32        | 3.0      | 11.3      |
| 14750           | 26        | 5.8      | 8.4       |
| Std Nominal     | 68        | 0.3      | 0.5       |
| Determined      | 66        | 0.4      | 0.5       |
| 14751           | 52        | 8.8      | 11.1      |
| 14752           | 62        | 6.3      | 10.8      |
| 14752 Rpt       | 62        | 6.4      | 11.3      |
| 14753           | 48        | 4.2      | 10.1      |
| 14754           | 72        | 3.7      | 12.2      |
| 14755           | 48        | 3.4      | 12.1      |
| 149537          | 78        | 3.2      | 11.1      |
| 149538          | 142       | 2.9      | 12.1      |
| 149539          | 132       | 3.0      | 12.8      |
| 149540          | 136       | 3.0      | 12.2      |
| 149541          | 32        | 3.8      | 9.1       |
| 149542          | 24        | 3.0      | 9.9       |
| 149543          | 66        | 3.9      | 9.5       |
| 149544          | 10        | 1.4      | 6.0       |
| 14782           | 6         | 1.4      | 5.8       |
| 14783           | 10        | 2.2      | 10.5      |
| 14783 Rpt       | 10        | 2.2      | 11.2      |
| 14784           | 10        | 1.2      | 7.7       |
| 14785           | 28        | 2.6      | 15.4      |
| 149545          | 38        | 2.0      | 16.1      |
| 149546          | 32        | 1.8      | 15.4      |
| 149547          | 38        | 2.3      | 16.2      |
| 149548          | 36        | 3.3      | 16.3      |
| 14803           | 36        | 3.8      | 16.7      |
| Std Nominal     | 104       | 0.7      | 2.8       |
| Determined      | 106       | 0.7      | 2.9       |
| 14804           | 22        | 3.8      | 8.2       |
| 14805           | 12        | 4.6      | 3.0       |
| 14806           | 28        | 18.4     | 10.4      |
| 14807           | 54        | 6.2      | 11.5      |



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|                 | Zn<br>ppm | U<br>ppm | Th<br>ppm |
|-----------------|-----------|----------|-----------|
| Detection Limit | 2         | 0.1      | 0.1       |
| 14808           | 38        | 2.6      | 8.6       |
| 14809           | 34        | 2.8      | 8.6       |
| 14810           | 30        | 5.0      | 9.6       |
| 14811           | 60        | 7.3      | 10.0      |
| 14812           | 50        | 7.2      | 10.3      |
| 14813           | 58        | 7.7      | 10.1      |
| 14814           | 78        | 4.7      | 11.6      |
| 149549          | 58        | 2.4      | 10.5      |
| 149549 Rpt      | 60        | 2.3      | 10.0      |
| 149550          | 58        | 1.7      | 9.7       |
| 149551          | 60        | 2.1      | 9.4       |
| 149552          | 60        | 1.9      | 9.7       |
| 149553          | 56        | 2.5      | 9.8       |
| 149554          | 74        | 3.3      | 10.5      |
| 149554 Rpt      | 74        | 3.5      | 10.8      |
| 149555          | 20        | 2.8      | 6.9       |
| 149556          | 12        | 1.1      | 4.7       |
| 149557          | 18        | 1.7      | 7.5       |
| 149558          | 46        | 4.6      | 9.6       |
| Std Nominal     | 50        | 17.3     | 51.0      |
| Determined      | 52        | 17.1     | 49.8      |
| 149559          | 62        | 3.0      | 9.5       |
| 149560          | 96        | 1.0      | 2.8       |
| 149561          | 90        | 2.7      | 10.6      |
| 149562          | 82        | 2.4      | 10.7      |
| 149563          | 50        | 4.1      | 11.1      |
| 149564          | 16        | 2.6      | 6.4       |
| 14878           | 18        | 1.4      | 3.9       |
| 14879           | 22        | 1.0      | 3.7       |
| 149565          | 28        | 2.3      | 6.8       |
| 149565 Rpt      | 30        | 2.3      | 6.5       |
| 14888           | 18        | 3.6      | 12.8      |
| 14889           | 18        | 6.9      | 10.2      |
| 14890           | 18        | 4.7      | 13.2      |
| 14891           | 12        | 2.0      | 9.8       |
| 14892           | 12        | 1.8      | 9.4       |
| 14893           | 10        | 1.8      | 10.1      |
| 14894           | 26        | 2.1      | 12.4      |
| 14895           | 30        | 2.5      | 16.2      |
| 149566          | 44        | 2.0      | 17.6      |
| 149566 Rpt      | 42        | 2.0      | 17.4      |
| 149567          | 38        | 1.8      | 14.6      |
| 149568          | 42        | 2.5      | 16.8      |



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|                 | Zn<br>ppm | U<br>ppm | Th<br>ppm |
|-----------------|-----------|----------|-----------|
| Detection Limit | 2         | 0.1      | 0.1       |
| 149569          | 46        | 3.3      | 18.0      |
| 14913           | 38        | 6.0      | 17.9      |
| 14914           | 22        | 17.0     | 10.4      |
| Std Nominal     | 5200      | 0.8      | 2.7       |
| Determined      | 5290      | 0.8      | 2.7       |
| 14915           | 22        | 6.3      | 9.6       |
| 14916           | 16        | 5.4      | 10.7      |
| 14917           | 22        | 4.5      | 11.4      |
| 14917 Rpt       | 22        | 4.4      | 11.3      |
| 14918           | 52        | 5.6      | 11.9      |
| 14919           | 56        | 6.9      | 12.4      |
| 14920           | Cavity    |          |           |
| 14921           | 54        | 6.9      | 12.0      |
| 149570          | 76        | 3.5      | 11.9      |
| 149571          | 114       | 2.1      | 10.2      |
| 149572          | 122       | 1.8      | 9.8       |
| 149573          | 128       | 5.8      | 10.9      |
| 149574          | 156       | 2.8      | 10.2      |
| 149575          | 108       | 2.3      | 9.1       |
| 149576          | 54        | 3.9      | 10.1      |
| 149577          | 28        | 4.7      | 6.8       |
| 149578          | 42        | 3.9      | 10.3      |
| 149579          | 50        | 5.2      | 8.2       |
| 149579 Rpt      | 48        | 5.5      | 7.9       |
| 149580          | 34        | 1.4      | 3.1       |
| 149581          | 70        | 3.4      | 10.0      |
| 149582          | 130       | 3.3      | 11.2      |
| 149583          | 156       | 3.2      | 9.7       |
| 149584          | 96        | 4.1      | 10.1      |
| Std Nominal     | 10        | <0.1     | 0.1       |
| Determined      | 8         | <0.1     | <0.1      |
| 149585          | 24        | 3.8      | 5.4       |
| 149586          | 40        | 2.7      | 5.4       |
| 149587          | 56        | 2.6      | 7.5       |
| 149587 Rpt      | 58        | 2.5      | 7.2       |
| 14993           | 48        | 5.2      | 13.4      |
| 14994           | 12        | 3.5      | 9.4       |
| 14995           | 6         | 1.5      | 4.6       |
| 14996           | 10        | 2.2      | 9.5       |
| 14997           | 28        | 2.3      | 12.2      |
| 14998           | 44        | 3.8      | 21.2      |
| 14999           | 28        | 3.3      | 17.8      |
| 14999 Rpt       | 28        | 3.4      | 18.3      |



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|                 | Zn<br>ppm | U<br>ppm | Th<br>ppm |
|-----------------|-----------|----------|-----------|
| Detection Limit | 2         | 0.1      | 0.1       |
| 15000           | 30        | 3.6      | 18.8      |
| 15001           | 26        | 3.0      | 17.3      |
| 15002           | 18        | 2.3      | 11.1      |
| 15003           | 22        | 1.3      | 6.0       |
| 15004           | 38        | 2.9      | 18.1      |
| 15005           | 50        | 2.6      | 19.1      |
| 15006           | 56        | 2.4      | 18.2      |
| 15007           | 44        | 2.0      | 17.7      |
| 15008           | 38        | 1.8      | 15.6      |
| 15009           | 44        | 1.9      | 16.2      |
| 149614          | 42        | 2.0      | 16.2      |
| 149615          | 46        | 2.7      | 15.6      |
| 15018           | 44        | 3.3      | 14.9      |
| 15019           | 36        | 4.4      | 16.0      |
| Std Nominal     | 90        | 0.1      | 0.5       |
| Determined      | 88        | 0.1      | 0.5       |
| 15020           | 36        | 1.4      | 3.2       |
| 15021           | 38        | 4.1      | 16.2      |
| 15021 Rpt       | 38        | 4.0      | 16.9      |
| 15022           | 22        | 2.6      | 6.9       |
| 15023           | 20        | 9.6      | 8.4       |
| 15024           | 16        | 6.0      | 9.3       |
| 15025           | 20        | 5.4      | 8.9       |
| 15026           | 22        | 5.0      | 8.8       |
| 15027           | 28        | 4.3      | 9.4       |
| 15028           | 46        | 2.6      | 9.5       |
| 149616          | 96        | 2.4      | 10.2      |
| 149617          | 54        | 2.0      | 9.0       |
| 149618          | 62        | 1.8      | 9.3       |
| 149619          | 70        | 2.3      | 9.5       |
| 149620          | 62        | 2.3      | 9.6       |
| 149620 Rpt      | 60        | 2.1      | 8.8       |
| 149621          | 112       | 3.2      | 9.7       |
| 149622          | 162       | 3.1      | 10.7      |
| 149623          | 96        | 3.4      | 10.4      |
| 149624          | 32        | 2.7      | 8.8       |
| Std Nominal     | 64        | 0.1      | 0.4       |
| Determined      | 66        | 0.1      | 0.5       |
| 15063           | 38        | 1.5      | 4.9       |
| 15064           | 46        | 4.0      | 12.9      |
| 15065           | 60        | 5.4      | 19.9      |
| 15066           | 44        | 9.3      | 18.7      |
| 15067           | 26        | 5.1      | 11.3      |



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|                 | Zn<br>ppm | U<br>ppm | Th<br>ppm |
|-----------------|-----------|----------|-----------|
| Detection Limit | 2         | 0.1      | 0.1       |
| 15068           | 38        | 3.9      | 10.5      |
| 15069           | 34        | 4.6      | 11.7      |
| 15069 Rpt       | 34        | 4.7      | 12.5      |
| 15070           | 60        | 3.6      | 10.8      |
| 15071           | 64        | 3.5      | 11.6      |
| 15072           | 82        | 4.0      | 12.5      |
| 149625          | 92        | 5.2      | 12.6      |
| 149626          | 126       | 4.8      | 12.0      |
| 149626 Rpt      | 122       | 4.9      | 12.0      |
| 149627          | 64        | 3.6      | 11.2      |
| 149628          | 24        | 2.1      | 6.6       |
| 149629          | 34        | 3.0      | 8.4       |
| Std Nominal     | 516       | 0.2      | 0.2       |
| Determined      | 512       | 0.2      | 0.2       |
| 149630          | 62        | 3.1      | 8.5       |
| 16469           | 26        | 5.7      | 14.1      |
| 16470           | 28        | 8.2      | 11.1      |
| 16471           | 130       | 2.1      | 6.9       |
| 16472           | 30        | 1.6      | 6.8       |
| 16473           | 22        | 1.7      | 7.3       |
| 16474           | 30        | 2.2      | 11.7      |
| 16475           | 34        | 2.8      | 14.3      |
| 16476           | 122       | 4.9      | 17.7      |
| 16477           | 78        | 3.0      | 17.7      |
| 16478           | 64        | 2.0      | 14.7      |
| 16479           | 36        | 0.9      | 4.6       |
| 16480           | 94        | 0.9      | 2.7       |
| Std Nominal     | 76        | 0.3      | 1.1       |
| Determined      | 74        | 0.3      | 1.1       |
| 16481           | 38        | 2.6      | 15.2      |
| 16481 Rpt       | 40        | 2.6      | 15.6      |
| 16482           | 32        | 2.2      | 12.6      |
| 16483           | 28        | 1.4      | 8.5       |
| 16484           | 26        | 1.6      | 8.8       |
| 16485           | 18        | 1.1      | 6.6       |
| 16486           | 26        | 2.1      | 13.9      |
| 16487           | 32        | 2.0      | 15.2      |
| 16487 Rpt       | 34        | 2.1      | 15.4      |
| 16488           | 38        | 2.0      | 16.1      |
| 16489           | 98        | 1.8      | 15.0      |
| 139934          | 46        | 1.8      | 15.5      |
| 139935          | 46        | 2.3      | 16.1      |
| 139936          | 50        | 3.2      | 16.5      |



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|                 | Zn<br>ppm | U<br>ppm | Th<br>ppm |
|-----------------|-----------|----------|-----------|
| Detection Limit | 2         | 0.1      | 0.1       |
| 139937          | 32        | 7.8      | 15.7      |
| 139938          | 26        | 4.1      | 10.9      |
| 139939          | 48        | 3.4      | 9.7       |
| 139940          | 56        | 3.5      | 9.9       |
| 139941          | 82        | 2.5      | 10.1      |
| 139942          | 72        | 2.2      | 9.8       |
| 139943          | 82        | 3.1      | 10.3      |
| 139944          | 42        | 3.5      | 11.8      |
| 139945          | 76        | 5.0      | 12.3      |
| 139946          | 82        | 5.0      | 12.5      |
| 16540           | 36        | 1.4      | 3.1       |
| 16540 Rpt       | 36        | 1.5      | 3.1       |
| 16541           | 38        | 5.6      | 12.1      |
| 16542           | 58        | 6.0      | 19.2      |
| Std Nominal     | 68        | 0.3      | 0.5       |
| Determined      | 66        | 0.3      | 0.5       |
| 16543           | 86        | 3.4      | 11.2      |
| 16544           | 44        | 3.0      | 9.0       |
| 16545           | 20        | 2.4      | 6.9       |
| 16546           | 44        | 2.3      | 8.3       |
| 16547           | 34        | 1.8      | 7.1       |
| 16548           | 38        | 3.7      | 15.4      |
| 16548 Rpt       | 36        | 3.7      | 15.6      |
| 139947          | 26        | 4.9      | 11.9      |
| 139948          | 32        | 6.8      | 12.9      |
| 139949          | 38        | 4.8      | 11.6      |
| 139950          | 54        | 3.0      | 11.0      |
| 139951          | 72        | 2.8      | 10.3      |
| 16570           | 106       | 5.5      | 11.4      |
| 16571           | 28        | 1.7      | 5.4       |
| 16571 Rpt       | 24        | 1.8      | 5.3       |
| 16572           | 22        | 2.1      | 5.5       |
| 16573           | 26        | 2.4      | 7.1       |
| 16574           | 20        | 1.6      | 7.1       |
| 16575           | 30        | 2.4      | 9.8       |
| 16576           | 32        | 3.6      | 16.6      |
| 16577           | 34        | 4.7      | 25.3      |
| 16578           | 28        | 6.3      | 24.0      |
| 16578 Rpt       | 26        | 6.3      | 24.0      |
| Std Nominal     | 104       | 0.7      | 2.8       |
| Determined      | 106       | 0.6      | 2.9       |
| Std Nominal     |           |          |           |
| Determined      | NR        | NR       | NR        |





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|                 | Zn<br>ppm | U<br>ppm | Th<br>ppm |
|-----------------|-----------|----------|-----------|
| Detection Limit | 2         | 0.1      | 0.1       |
| Std Nominal     |           |          |           |
| Determined      | NR        | NR       | NR        |

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\*\*\*\*\*

These results pertain to the samples as received at this laboratory.  
Where standards are reported, the nominal value for the element is reported above the result found.

"IS" Implies insufficient sample for this determination

"NR" Implies result is not required for this determination

"M" Implies this result reported in ppm

"%" Implies this result reported in %

#### Sample Storage

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The excess material (Residue) will be held after 30 days

The pulp samples (Pulp) will be held after 60 days as per instructions.

#### Sample Preparation

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The samples have been sorted and dried. Primary preparation has been by crushing the whole sample. The samples have been split with a riffle splitter to obtain a sub-fraction which has then been pulverised in a vibrating pulveriser.

#### Digest and Analysis:

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The sample(s) have been digested and refluxed with a mixture of Acids including Hydrofluoric, Nitric, Hydrochloric and Perchloric Acids. This extended digest approaches a Total digest for many elements however some refractory minerals are not completely attacked.

Ca,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,P,S,V,Zn

have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.

Ag,As,Ba,Bi,Cd,Li,Mo,Pb,Th,U

have been determined by Inductively Coupled Plasma (ICP) Mass Spectrometry.

The samples have been analysed by Firing a 40 gm (approx) portion of the sample. Lower sample weights may be employed for samples with very high sulphide and metal contents. This is the classical fire assay process and will give total separation of Gold, Platinum and Palladium in the sample.

Au,I,Pd,Pt

have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.