

**Xiaoxuan Sun (David)**

**Sinosteel Australia Pty Ltd**

Level 41 108 St Georges Terrace  
Perth  
WA 6000  
Australia

Lab Ref WM160838

Client Ref **SSF0001**

Project \*

Cost Code NA

Status Final

Received 27/11/14

Reported 18/12/14

Samples 88

First Sample 81184

Last Sample 81773

Pages 11

Copy

Notes



Authorised by

On behalf of:

Graeme Farrant  
Laboratory Manager

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### ANALYTICAL REPORT

| Scheme          | XRF78S | XRF78S | XRF78S | XRF78S | XRF78S | XRF78S |
|-----------------|--------|--------|--------|--------|--------|--------|
| Units           | %      | %      | %      | %      | %      | %      |
| Detection Limit | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   |
| Upper Limit     | 10     | 10     | 100    | 100    | 100    | 100    |
|                 | As     | Bi     | Ca     | Cr     | Cu     | Fe     |
| 81184           | <0.01  | <0.01  | 0.38   | <0.01  | <0.01  | 17.7   |
| 81198           | <0.01  | <0.01  | 0.24   | <0.01  | <0.01  | 2.14   |
| 81200           | <0.01  | <0.01  | 0.27   | <0.01  | <0.01  | 5.19   |
| 81201           | <0.01  | <0.01  | 0.46   | <0.01  | <0.01  | 6.11   |
| 81222           | <0.01  | <0.01  | 0.63   | <0.01  | <0.01  | 12.3   |
| 81223           | <0.01  | <0.01  | 1.63   | <0.01  | <0.01  | 8.24   |
| 81233           | <0.01  | <0.01  | 0.91   | <0.01  | <0.01  | 2.99   |
| 81234           | <0.01  | <0.01  | 0.24   | <0.01  | <0.01  | 2.72   |
| 81235           | <0.01  | <0.01  | 3.42   | <0.01  | <0.01  | 3.38   |
| 81236           | <0.01  | <0.01  | 0.91   | <0.01  | <0.01  | 5.00   |
| 81237           | <0.01  | <0.01  | 13.9   | <0.01  | <0.01  | 3.40   |
| 81239           | <0.01  | <0.01  | 0.79   | <0.01  | <0.01  | 23.3   |
| 81240           | <0.01  | <0.01  | 0.38   | <0.01  | <0.01  | 15.7   |
| 81256           | <0.01  | <0.01  | 0.22   | <0.01  | <0.01  | 16.9   |
| 81257           | <0.01  | <0.01  | 14.0   | <0.01  | <0.01  | 3.42   |
| 81258           | 0.02   | <0.01  | 1.84   | <0.01  | <0.01  | 12.4   |
| 81259           | <0.01  | <0.01  | 0.07   | <0.01  | 0.02   | 11.9   |
| 81271           | <0.01  | <0.01  | 0.07   | <0.01  | 0.02   | 11.8   |
| 81273           | <0.01  | <0.01  | 0.08   | <0.01  | <0.01  | 4.43   |
| 81285           | <0.01  | <0.01  | 0.32   | <0.01  | <0.01  | 6.15   |
| 81286           | <0.01  | <0.01  | 0.56   | <0.01  | <0.01  | 4.49   |
| 81306           | <0.01  | <0.01  | 0.08   | <0.01  | <0.01  | 7.70   |
| 81307           | <0.01  | <0.01  | 0.22   | <0.01  | <0.01  | 13.1   |
| 81308           | <0.01  | <0.01  | 0.31   | <0.01  | <0.01  | 12.3   |
| 81325           | <0.01  | <0.01  | 0.14   | <0.01  | <0.01  | 2.16   |
| 81326           | <0.01  | <0.01  | 0.09   | <0.01  | <0.01  | 3.06   |
| 81327           | <0.01  | <0.01  | 0.29   | <0.01  | <0.01  | 2.08   |
| 81328           | <0.01  | <0.01  | 0.15   | <0.01  | <0.01  | 2.95   |
| 81329           | <0.01  | <0.01  | 0.12   | <0.01  | <0.01  | 2.77   |
| 81330           | <0.01  | <0.01  | 0.26   | <0.01  | <0.01  | 2.72   |
| 81331           | <0.01  | <0.01  | 0.23   | <0.01  | <0.01  | 4.56   |
| 81332           | <0.01  | <0.01  | 0.13   | <0.01  | <0.01  | 4.50   |
| 81347           | <0.01  | <0.01  | 0.05   | <0.01  | <0.01  | 2.38   |
| 81348           | <0.01  | <0.01  | 0.14   | <0.01  | <0.01  | 8.37   |
| 81349           | <0.01  | <0.01  | 0.13   | <0.01  | <0.01  | 7.53   |
| 81363           | <0.01  | <0.01  | 0.12   | <0.01  | 0.02   | 18.3   |
| 81364           | <0.01  | <0.01  | 0.10   | <0.01  | <0.01  | 8.74   |
| 81365           | <0.01  | <0.01  | 0.18   | <0.01  | 0.02   | 19.6   |

- not analysed / -- element not determined / I.S. insufficient sample / L.N.R. listed not received

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### ANALYTICAL REPORT

|       | XRF78S<br>%<br>0.01<br>10<br>As | XRF78S<br>%<br>0.01<br>10<br>Bi | XRF78S<br>%<br>0.01<br>100<br>Ca | XRF78S<br>%<br>0.01<br>100<br>Cr | XRF78S<br>%<br>0.01<br>100<br>Cu | XRF78S<br>%<br>0.01<br>100<br>Fe |
|-------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 81366 | <0.01                           | <0.01                           | 0.15                             | <0.01                            | 0.01                             | 17.9                             |
| 81367 | <0.01                           | <0.01                           | 0.18                             | <0.01                            | <0.01                            | 20.6                             |
| 81369 | <0.01                           | <0.01                           | 0.11                             | <0.01                            | <0.01                            | 5.34                             |
| 81370 | <0.01                           | <0.01                           | 0.07                             | <0.01                            | <0.01                            | 2.20                             |
| 81371 | <0.01                           | <0.01                           | 0.06                             | <0.01                            | <0.01                            | 2.35                             |
| 81372 | <0.01                           | <0.01                           | 0.07                             | <0.01                            | <0.01                            | 3.62                             |
| 81406 | <0.01                           | <0.01                           | 0.12                             | <0.01                            | <0.01                            | 10.0                             |
| 81407 | <0.01                           | <0.01                           | 0.09                             | <0.01                            | <0.01                            | 4.93                             |
| 81408 | <0.01                           | <0.01                           | 0.11                             | <0.01                            | <0.01                            | 4.20                             |
| 81409 | <0.01                           | <0.01                           | 0.20                             | <0.01                            | <0.01                            | 12.5                             |
| 81410 | <0.01                           | <0.01                           | 0.12                             | <0.01                            | <0.01                            | 9.90                             |
| 81411 | <0.01                           | <0.01                           | 0.10                             | <0.01                            | <0.01                            | 7.13                             |
| 81423 | <0.01                           | <0.01                           | 0.06                             | <0.01                            | <0.01                            | 0.55                             |
| 81424 | <0.01                           | <0.01                           | 0.05                             | <0.01                            | <0.01                            | 0.59                             |
| 81425 | <0.01                           | <0.01                           | 0.04                             | <0.01                            | <0.01                            | 0.44                             |
| 81426 | <0.01                           | <0.01                           | 0.04                             | <0.01                            | <0.01                            | 0.37                             |
| 81437 | <0.01                           | <0.01                           | 13.8                             | <0.01                            | <0.01                            | 3.42                             |
| 81438 | <0.01                           | <0.01                           | 0.21                             | <0.01                            | <0.01                            | 4.15                             |
| 81442 | <0.01                           | <0.01                           | 0.49                             | <0.01                            | 0.01                             | 4.28                             |
| 81443 | <0.01                           | <0.01                           | 10.9                             | <0.01                            | <0.01                            | 3.25                             |
| 81453 | <0.01                           | <0.01                           | 0.18                             | <0.01                            | <0.01                            | 12.8                             |
| 81454 | <0.01                           | <0.01                           | 0.10                             | <0.01                            | <0.01                            | 5.02                             |
| 81467 | <0.01                           | <0.01                           | 0.09                             | <0.01                            | <0.01                            | 0.87                             |
| 81498 | <0.01                           | <0.01                           | 0.28                             | <0.01                            | <0.01                            | 6.00                             |
| 81499 | <0.01                           | <0.01                           | 0.20                             | <0.01                            | <0.01                            | 6.27                             |
| 81517 | <0.01                           | <0.01                           | 14.0                             | <0.01                            | <0.01                            | 3.36                             |
| 81518 | <0.01                           | <0.01                           | 0.47                             | <0.01                            | <0.01                            | 8.24                             |
| 81519 | <0.01                           | <0.01                           | 0.48                             | <0.01                            | <0.01                            | 7.48                             |
| 81520 | <0.01                           | <0.01                           | 0.49                             | <0.01                            | <0.01                            | 4.04                             |
| 81521 | <0.01                           | <0.01                           | 0.42                             | <0.01                            | <0.01                            | 7.82                             |
| 81522 | <0.01                           | <0.01                           | 0.38                             | <0.01                            | <0.01                            | 6.15                             |
| 81527 | <0.01                           | <0.01                           | 0.08                             | <0.01                            | <0.01                            | 3.95                             |
| 81528 | <0.01                           | <0.01                           | 0.29                             | <0.01                            | <0.01                            | 5.24                             |
| 81539 | <0.01                           | <0.01                           | 0.07                             | 0.01                             | <0.01                            | 11.1                             |
| 81567 | <0.01                           | <0.01                           | 0.15                             | 0.03                             | <0.01                            | 18.3                             |
| 81570 | <0.01                           | <0.01                           | 0.06                             | <0.01                            | <0.01                            | 5.07                             |
| 81571 | <0.01                           | <0.01                           | 0.09                             | <0.01                            | <0.01                            | 4.52                             |
| 81572 | <0.01                           | <0.01                           | 0.19                             | <0.01                            | <0.01                            | 3.84                             |
| 81613 | <0.01                           | <0.01                           | 0.09                             | 0.02                             | <0.01                            | 26.8                             |

- not analysed / -- element not determined / I.S. insufficient sample / L.N.R. listed not received

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### ANALYTICAL REPORT

|           | XRF78S<br>%<br>0.01<br>10<br>As | XRF78S<br>%<br>0.01<br>10<br>Bi | XRF78S<br>%<br>0.01<br>100<br>Ca | XRF78S<br>%<br>0.01<br>100<br>Cr | XRF78S<br>%<br>0.01<br>100<br>Cu | XRF78S<br>%<br>0.01<br>100<br>Fe |
|-----------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 81614     | <0.01                           | <0.01                           | 0.11                             | 0.02                             | <0.01                            | 14.6                             |
| 81622     | <0.01                           | <0.01                           | 0.03                             | 0.01                             | <0.01                            | 19.6                             |
| 81623     | <0.01                           | <0.01                           | 0.08                             | 0.02                             | <0.01                            | 19.6                             |
| 81630     | <0.01                           | <0.01                           | 0.04                             | 0.01                             | <0.01                            | 13.1                             |
| 81631     | <0.01                           | <0.01                           | 0.05                             | 0.02                             | <0.01                            | 19.0                             |
| 81632     | <0.01                           | <0.01                           | 0.11                             | <0.01                            | <0.01                            | 9.26                             |
| 81633     | <0.01                           | <0.01                           | 0.09                             | 0.01                             | <0.01                            | 7.02                             |
| 81641     | <0.01                           | <0.01                           | 0.02                             | 0.01                             | <0.01                            | 19.1                             |
| 81642     | <0.01                           | <0.01                           | 0.01                             | 0.01                             | <0.01                            | 9.68                             |
| 81686     | <0.01                           | <0.01                           | 0.04                             | 0.02                             | <0.01                            | 16.3                             |
| 81773     | <0.01                           | <0.01                           | 0.14                             | 0.02                             | <0.01                            | 24.8                             |
| D - 81235 | <0.01                           | <0.01                           | 3.40                             | <0.01                            | <0.01                            | 3.42                             |
| D - 81438 | <0.01                           | <0.01                           | 0.21                             | <0.01                            | <0.01                            | 4.19                             |

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### ANALYTICAL REPORT

| Scheme          | XRF78S | XRF78S | XRF78S | XRF78S | XRF78S | XRF78S |
|-----------------|--------|--------|--------|--------|--------|--------|
| Units           | %      | %      | %      | %      | %      | %      |
| Detection Limit | 0.01   | 0.01   | 0.01   | 0.005  | 0.01   | 0.01   |
| Upper Limit     | 100    | 100    | 100    | 100    | 100    | 100    |
|                 | Mn     | Mg     | Ni     | P      | Pb     | Ti     |
| 81184           | 13.9   | 0.71   | <0.01  | 0.087  | <0.01  | 0.11   |
| 81198           | 0.13   | 0.46   | <0.01  | 0.059  | <0.01  | 0.18   |
| 81200           | 0.89   | 0.53   | <0.01  | 0.108  | <0.01  | 0.24   |
| 81201           | 0.67   | 0.54   | <0.01  | 0.194  | <0.01  | 0.23   |
| 81222           | 3.98   | 0.79   | <0.01  | 0.077  | <0.01  | 0.12   |
| 81223           | 14.7   | 0.96   | <0.01  | 0.058  | <0.01  | 0.11   |
| 81233           | 0.22   | 0.56   | <0.01  | 0.022  | <0.01  | 0.21   |
| 81234           | 0.28   | 0.44   | <0.01  | 0.019  | <0.01  | 0.14   |
| 81235           | 0.30   | 0.59   | <0.01  | 0.028  | <0.01  | 0.25   |
| 81236           | 0.45   | 0.66   | <0.01  | 0.044  | <0.01  | 0.28   |
| 81237           | 13.4   | 7.99   | <0.01  | 0.073  | <0.01  | 0.03   |
| 81239           | 3.53   | 0.34   | <0.01  | 0.358  | <0.01  | 0.07   |
| 81240           | 3.81   | 0.37   | <0.01  | 0.171  | <0.01  | 0.12   |
| 81256           | 2.80   | 0.41   | <0.01  | 0.096  | <0.01  | 0.17   |
| 81257           | 13.3   | 8.06   | <0.01  | 0.073  | <0.01  | 0.03   |
| 81258           | 27.1   | 0.56   | <0.01  | 0.108  | <0.01  | 0.13   |
| 81259           | 1.52   | 0.32   | <0.01  | 0.035  | <0.01  | 0.15   |
| 81271           | 1.44   | 0.32   | <0.01  | 0.034  | <0.01  | 0.15   |
| 81273           | 0.91   | 0.56   | <0.01  | 0.026  | <0.01  | 0.20   |
| 81285           | 1.73   | 0.30   | <0.01  | 0.135  | <0.01  | 0.09   |
| 81286           | 3.26   | 0.31   | <0.01  | 0.220  | <0.01  | 0.08   |
| 81306           | 1.60   | 0.29   | 0.01   | 0.025  | <0.01  | 0.11   |
| 81307           | 2.50   | 0.23   | <0.01  | 0.120  | <0.01  | 0.08   |
| 81308           | 1.33   | 0.32   | <0.01  | 0.149  | <0.01  | 0.12   |
| 81325           | 0.91   | 0.20   | <0.01  | 0.064  | <0.01  | 0.10   |
| 81326           | 1.46   | 0.13   | <0.01  | 0.028  | <0.01  | 0.04   |
| 81327           | 1.02   | 0.18   | <0.01  | 0.105  | <0.01  | 0.07   |
| 81328           | 1.59   | 0.31   | <0.01  | 0.044  | <0.01  | 0.17   |
| 81329           | 2.34   | 0.18   | <0.01  | 0.052  | <0.01  | 0.09   |
| 81330           | 0.07   | 0.30   | <0.01  | 0.122  | <0.01  | 0.17   |
| 81331           | 1.55   | 0.12   | <0.01  | 0.103  | <0.01  | 0.04   |
| 81332           | 2.28   | 0.12   | <0.01  | 0.062  | <0.01  | 0.04   |
| 81347           | 0.12   | 0.14   | <0.01  | 0.007  | <0.01  | 0.06   |
| 81348           | 5.37   | 0.30   | <0.01  | 0.036  | <0.01  | 0.07   |
| 81349           | 3.63   | 0.35   | <0.01  | 0.036  | <0.01  | 0.10   |
| 81363           | 8.04   | 0.32   | 0.01   | 0.034  | <0.01  | 0.11   |
| 81364           | 2.18   | 0.56   | 0.01   | 0.026  | <0.01  | 0.21   |
| 81365           | 10.3   | 0.51   | 0.02   | 0.063  | <0.01  | 0.07   |

- not analysed / -- element not determined / I.S. insufficient sample / L.N.R. listed not received

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### ANALYTICAL REPORT

|       | XRF78S<br>%<br>0.01<br>100<br>Mn | XRF78S<br>%<br>0.01<br>100<br>Mg | XRF78S<br>%<br>0.01<br>100<br>Ni | XRF78S<br>%<br>0.005<br>100<br>P | XRF78S<br>%<br>0.01<br>100<br>Pb | XRF78S<br>%<br>0.01<br>100<br>Ti |
|-------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 81366 | 6.84                             | 0.44                             | 0.02                             | 0.046                            | <0.01                            | 0.10                             |
| 81367 | 7.79                             | 0.50                             | 0.02                             | 0.048                            | <0.01                            | 0.07                             |
| 81369 | 9.93                             | 0.61                             | <0.01                            | 0.021                            | <0.01                            | 0.20                             |
| 81370 | 3.02                             | 0.73                             | <0.01                            | 0.018                            | <0.01                            | 0.27                             |
| 81371 | 0.58                             | 1.03                             | <0.01                            | 0.013                            | <0.01                            | 0.28                             |
| 81372 | 3.49                             | 0.94                             | <0.01                            | 0.024                            | <0.01                            | 0.27                             |
| 81406 | 7.96                             | 0.23                             | <0.01                            | 0.044                            | <0.01                            | 0.10                             |
| 81407 | 2.96                             | 0.17                             | <0.01                            | 0.022                            | <0.01                            | 0.09                             |
| 81408 | 2.29                             | 0.24                             | <0.01                            | 0.032                            | <0.01                            | 0.11                             |
| 81409 | 8.91                             | 0.27                             | <0.01                            | 0.104                            | <0.01                            | 0.11                             |
| 81410 | 3.68                             | 0.48                             | <0.01                            | 0.059                            | <0.01                            | 0.18                             |
| 81411 | 2.36                             | 0.69                             | <0.01                            | 0.043                            | <0.01                            | 0.28                             |
| 81423 | 0.06                             | 0.31                             | <0.01                            | 0.008                            | <0.01                            | 0.16                             |
| 81424 | 0.04                             | 0.16                             | <0.01                            | 0.006                            | <0.01                            | 0.09                             |
| 81425 | 0.02                             | 0.14                             | <0.01                            | <0.005                           | <0.01                            | 0.09                             |
| 81426 | 0.01                             | 0.16                             | <0.01                            | <0.005                           | <0.01                            | 0.08                             |
| 81437 | 13.5                             | 7.97                             | <0.01                            | 0.073                            | <0.01                            | 0.03                             |
| 81438 | 0.79                             | 1.06                             | <0.01                            | 0.013                            | <0.01                            | 0.26                             |
| 81442 | 24.6                             | 0.55                             | 0.01                             | 0.026                            | 0.04                             | 0.05                             |
| 81443 | 2.41                             | 6.90                             | <0.01                            | 0.020                            | <0.01                            | 0.07                             |
| 81453 | 5.73                             | 0.51                             | <0.01                            | 0.058                            | <0.01                            | 0.13                             |
| 81454 | 2.48                             | 0.40                             | <0.01                            | 0.018                            | <0.01                            | 0.12                             |
| 81467 | 0.01                             | 0.13                             | <0.01                            | 0.005                            | <0.01                            | 0.08                             |
| 81498 | 2.05                             | 0.35                             | <0.01                            | 0.078                            | <0.01                            | 0.10                             |
| 81499 | 1.23                             | 0.35                             | <0.01                            | 0.062                            | <0.01                            | 0.11                             |
| 81517 | 13.3                             | 8.06                             | <0.01                            | 0.074                            | <0.01                            | 0.03                             |
| 81518 | 22.6                             | 0.46                             | <0.01                            | 0.154                            | <0.01                            | 0.04                             |
| 81519 | 11.3                             | 0.86                             | <0.01                            | 0.151                            | <0.01                            | 0.17                             |
| 81520 | 16.4                             | 0.97                             | <0.01                            | 0.084                            | <0.01                            | 0.07                             |
| 81521 | 7.48                             | 0.94                             | <0.01                            | 0.138                            | <0.01                            | 0.25                             |
| 81522 | 2.34                             | 0.62                             | <0.01                            | 0.162                            | <0.01                            | 0.20                             |
| 81527 | 0.87                             | 0.20                             | <0.01                            | 0.057                            | <0.01                            | 0.07                             |
| 81528 | 0.12                             | 0.21                             | <0.01                            | 0.159                            | <0.01                            | 0.10                             |
| 81539 | 0.08                             | 0.12                             | <0.01                            | 0.060                            | <0.01                            | 0.29                             |
| 81567 | 0.16                             | 0.15                             | <0.01                            | 0.026                            | <0.01                            | 0.38                             |
| 81570 | 0.46                             | 0.24                             | <0.01                            | 0.013                            | <0.01                            | 0.29                             |
| 81571 | 0.91                             | 0.20                             | <0.01                            | 0.009                            | <0.01                            | 0.16                             |
| 81572 | 0.95                             | 0.30                             | <0.01                            | 0.010                            | <0.01                            | 0.17                             |
| 81613 | 0.04                             | 0.08                             | <0.01                            | 0.032                            | <0.01                            | 0.37                             |

- not analysed / -- element not determined / I.S. insufficient sample / L.N.R. listed not received

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### ANALYTICAL REPORT

|           | XRF78S<br>%<br>0.01<br>100<br>Mn | XRF78S<br>%<br>0.01<br>100<br>Mg | XRF78S<br>%<br>0.01<br>100<br>Ni | XRF78S<br>%<br>0.005<br>100<br>P | XRF78S<br>%<br>0.01<br>100<br>Pb | XRF78S<br>%<br>0.01<br>100<br>Ti |
|-----------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 81614     | 0.02                             | 0.14                             | <0.01                            | 0.018                            | <0.01                            | 0.26                             |
| 81622     | 0.18                             | 0.09                             | <0.01                            | 0.039                            | <0.01                            | 0.22                             |
| 81623     | 0.09                             | 0.44                             | <0.01                            | 0.026                            | <0.01                            | 0.24                             |
| 81630     | <0.01                            | 0.06                             | <0.01                            | 0.013                            | <0.01                            | 0.23                             |
| 81631     | <0.01                            | 0.08                             | <0.01                            | 0.015                            | <0.01                            | 0.43                             |
| 81632     | 0.01                             | 0.10                             | <0.01                            | 0.011                            | <0.01                            | 0.25                             |
| 81633     | <0.01                            | 0.08                             | <0.01                            | 0.008                            | <0.01                            | 0.22                             |
| 81641     | <0.01                            | 0.08                             | <0.01                            | 0.013                            | <0.01                            | 0.40                             |
| 81642     | <0.01                            | 0.06                             | <0.01                            | 0.009                            | <0.01                            | 0.50                             |
| 81686     | 0.01                             | 0.05                             | <0.01                            | 0.034                            | <0.01                            | 0.23                             |
| 81773     | 0.60                             | 0.13                             | <0.01                            | 0.049                            | <0.01                            | 0.44                             |
| D - 81235 | 0.31                             | 0.59                             | <0.01                            | 0.028                            | <0.01                            | 0.25                             |
| D - 81438 | 0.77                             | 1.06                             | <0.01                            | 0.013                            | <0.01                            | 0.26                             |

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### ANALYTICAL REPORT

| Scheme          | XRF78S | XRF78S | XRF78S | XRF78S  |
|-----------------|--------|--------|--------|---------|
| Units           | %      | %      | %      | %       |
| Detection Limit | 0.01   | 0.01   | 0.01   | -10     |
| Upper Limit     | 100    | 100    | 100    | 100     |
|                 | V      | Zn     | Al     | LOI1000 |
| 81184           | <0.01  | 0.01   | 2.40   | 8.25    |
| 81198           | <0.01  | <0.01  | 3.42   | 2.57    |
| 81200           | <0.01  | <0.01  | 4.61   | 4.01    |
| 81201           | <0.01  | <0.01  | 4.20   | 3.93    |
| 81222           | <0.01  | 0.01   | 2.64   | 6.84    |
| 81223           | <0.01  | <0.01  | 2.23   | 15.2    |
| 81233           | <0.01  | <0.01  | 3.58   | 3.81    |
| 81234           | <0.01  | <0.01  | 2.47   | 2.53    |
| 81235           | <0.01  | <0.01  | 4.36   | 6.90    |
| 81236           | <0.01  | <0.01  | 5.24   | 4.91    |
| 81237           | <0.01  | <0.01  | 0.74   | 33.1    |
| 81239           | <0.01  | <0.01  | 1.64   | 6.49    |
| 81240           | <0.01  | <0.01  | 2.65   | 5.21    |
| 81256           | <0.01  | 0.01   | 3.54   | 4.81    |
| 81257           | <0.01  | <0.01  | 0.75   | 33.1    |
| 81258           | <0.01  | 0.02   | 2.34   | 21.1    |
| 81259           | <0.01  | 0.02   | 3.55   | 4.08    |
| 81271           | <0.01  | 0.02   | 3.57   | 4.07    |
| 81273           | <0.01  | 0.01   | 4.30   | 3.53    |
| 81285           | <0.01  | <0.01  | 1.70   | 2.96    |
| 81286           | <0.01  | <0.01  | 1.81   | 3.07    |
| 81306           | <0.01  | 0.02   | 2.38   | 3.24    |
| 81307           | <0.01  | 0.01   | 1.64   | 4.10    |
| 81308           | <0.01  | 0.01   | 2.47   | 4.09    |
| 81325           | <0.01  | <0.01  | 2.44   | 2.28    |
| 81326           | <0.01  | <0.01  | 1.02   | 1.90    |
| 81327           | <0.01  | <0.01  | 1.48   | 1.74    |
| 81328           | <0.01  | <0.01  | 3.26   | 2.95    |
| 81329           | <0.01  | <0.01  | 1.76   | 2.08    |
| 81330           | <0.01  | <0.01  | 3.63   | 2.60    |
| 81331           | <0.01  | <0.01  | 0.81   | 1.76    |
| 81332           | <0.01  | <0.01  | 0.99   | 2.09    |
| 81347           | <0.01  | <0.01  | 1.28   | 1.38    |
| 81348           | <0.01  | 0.01   | 1.61   | 4.41    |
| 81349           | <0.01  | 0.01   | 2.30   | 3.94    |
| 81363           | <0.01  | 0.03   | 3.00   | 6.59    |
| 81364           | <0.01  | 0.01   | 4.48   | 4.90    |
| 81365           | <0.01  | 0.03   | 2.40   | 8.67    |

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### ANALYTICAL REPORT

|       | XRF78S<br>%<br>0.01<br>100<br>V | XRF78S<br>%<br>0.01<br>100<br>Zn | XRF78S<br>%<br>0.01<br>100<br>Al | XRF78S<br>%<br>-10<br>100<br>LOI1000 |
|-------|---------------------------------|----------------------------------|----------------------------------|--------------------------------------|
| 81366 | <0.01                           | 0.03                             | 2.98                             | 7.44                                 |
| 81367 | <0.01                           | 0.03                             | 2.07                             | 8.10                                 |
| 81369 | <0.01                           | <0.01                            | 4.51                             | 4.98                                 |
| 81370 | <0.01                           | <0.01                            | 5.84                             | 2.88                                 |
| 81371 | <0.01                           | <0.01                            | 6.79                             | 2.61                                 |
| 81372 | <0.01                           | <0.01                            | 6.24                             | 3.34                                 |
| 81406 | <0.01                           | <0.01                            | 2.04                             | 5.05                                 |
| 81407 | <0.01                           | <0.01                            | 1.78                             | 4.31                                 |
| 81408 | <0.01                           | <0.01                            | 2.52                             | 5.15                                 |
| 81409 | <0.01                           | 0.02                             | 2.62                             | 7.20                                 |
| 81410 | <0.01                           | 0.02                             | 3.98                             | 5.16                                 |
| 81411 | <0.01                           | 0.01                             | 5.69                             | 4.82                                 |
| 81423 | <0.01                           | <0.01                            | 2.98                             | 1.92                                 |
| 81424 | <0.01                           | <0.01                            | 2.16                             | 1.40                                 |
| 81425 | <0.01                           | <0.01                            | 1.74                             | 1.18                                 |
| 81426 | <0.01                           | <0.01                            | 1.55                             | 1.03                                 |
| 81437 | <0.01                           | <0.01                            | 0.74                             | 33.0                                 |
| 81438 | <0.01                           | <0.01                            | 6.08                             | 3.66                                 |
| 81442 | <0.01                           | 0.02                             | 1.37                             | 7.78                                 |
| 81443 | <0.01                           | <0.01                            | 1.63                             | 25.5                                 |
| 81453 | <0.01                           | 0.01                             | 3.71                             | 6.53                                 |
| 81454 | <0.01                           | <0.01                            | 3.03                             | 3.52                                 |
| 81467 | <0.01                           | <0.01                            | 1.43                             | 0.984                                |
| 81498 | <0.01                           | 0.04                             | 2.06                             | 2.95                                 |
| 81499 | <0.01                           | 0.04                             | 2.53                             | 2.86                                 |
| 81517 | <0.01                           | <0.01                            | 0.74                             | 33.0                                 |
| 81518 | <0.01                           | <0.01                            | 1.00                             | 7.86                                 |
| 81519 | <0.01                           | <0.01                            | 3.40                             | 6.46                                 |
| 81520 | <0.01                           | <0.01                            | 1.52                             | 7.20                                 |
| 81521 | <0.01                           | <0.01                            | 4.59                             | 6.24                                 |
| 81522 | <0.01                           | <0.01                            | 3.93                             | 4.15                                 |
| 81527 | <0.01                           | <0.01                            | 1.55                             | 1.88                                 |
| 81528 | <0.01                           | <0.01                            | 1.99                             | 2.10                                 |
| 81539 | 0.03                            | <0.01                            | 5.64                             | 5.82                                 |
| 81567 | 0.04                            | <0.01                            | 7.87                             | 7.13                                 |
| 81570 | <0.01                           | <0.01                            | 4.87                             | 4.01                                 |
| 81571 | <0.01                           | <0.01                            | 3.62                             | 3.48                                 |
| 81572 | <0.01                           | <0.01                            | 3.74                             | 4.00                                 |
| 81613 | 0.07                            | <0.01                            | 6.84                             | 7.39                                 |

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### ANALYTICAL REPORT

|           | XRF78S<br>%<br>0.01<br>100<br>V | XRF78S<br>%<br>0.01<br>100<br>Zn | XRF78S<br>%<br>0.01<br>100<br>Al | XRF78S<br>%<br>-10<br>100<br>LOI1000 |
|-----------|---------------------------------|----------------------------------|----------------------------------|--------------------------------------|
| 81614     | 0.04                            | <0.01                            | 5.19                             | 5.46                                 |
| 81622     | 0.05                            | <0.01                            | 4.58                             | 6.06                                 |
| 81623     | 0.05                            | <0.01                            | 5.30                             | 5.99                                 |
| 81630     | 0.04                            | <0.01                            | 3.74                             | 4.36                                 |
| 81631     | 0.05                            | <0.01                            | 6.04                             | 6.75                                 |
| 81632     | 0.03                            | <0.01                            | 3.07                             | 3.94                                 |
| 81633     | 0.02                            | <0.01                            | 2.59                             | 3.00                                 |
| 81641     | 0.04                            | <0.01                            | 5.97                             | 6.84                                 |
| 81642     | 0.02                            | <0.01                            | 6.27                             | 6.03                                 |
| 81686     | 0.05                            | <0.01                            | 3.28                             | 4.36                                 |
| 81773     | 0.06                            | <0.01                            | 8.21                             | 9.20                                 |
| D - 81235 | <0.01                           | <0.01                            | 4.37                             | 6.88                                 |
| D - 81438 | <0.01                           | <0.01                            | 6.07                             | 3.85                                 |

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#### **DESCRIPTION**

ENV01 : Environmental Levy  
PRP86 : Dry, Pulverise, 75µm, <3.5kg  
SRT01 : Sorting of samples prior to preparation  
XRF78S : XRF, Fusion, Whole Rock