Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

**Client:** **Selene Holdings LP**
885 W. Georgia Street, Suite 1380
Vancouver BC V6C 3E8 Canada

Submitted By: Jean-Pierre Londero
Receiving Lab: Canada-Dawson City
Received: August 12, 2011
Report Date: October 01, 2011


# CERTIFICATE OF ANALYSIS DAW11000251.1

## CLIENT JOB INFORMATION

Project: WHT
Shipment ID: WHT2011-03
P.O. Number
Number of Samples: 69

## SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

## SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|---|---|---|---|---|---|
| SS80 | 69 | Dry at 60C sieve 100g to -80 mesh | | | DAW |
| Dry at 60C | 69 | Dry at 60C | | | DAW |
| RJSV | 69 | Saving all or part of Soil Reject | | | DAW |
| 1DX2 | 69 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 15 | Completed | VAN |

## ADDITIONAL COMMENTS

Invoice To: Selene Holdings LP
885 W. Georgia Street, Suite 1380
Vancouver BC V6C 3E8
Canada

CC: Keith Fowlow

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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# CERTIFICATE OF ANALYSIS DAW11000251.1

| | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.1 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 |
| 1177385 | Soil | 1.0 | 24.3 | 12.8 | 54 | <0.1 | 34.4 | 13.0 | 536 | 3.00 | 10.5 | 0.5 | <0.5 | 5.9 | 24 | <0.1 | 0.5 | 0.2 | 58 | 0.36 | 0.023 |
| 1177381 | Soil | 1.3 | 35.7 | 12.2 | 70 | 0.1 | 34.9 | 13.1 | 449 | 3.30 | 13.9 | 0.9 | 5.1 | 8.6 | 38 | 0.1 | 0.8 | 0.1 | 56 | 0.52 | 0.046 |
| 1089480 | Soil | 1.3 | 57.7 | 9.9 | 68 | <0.1 | 41.5 | 16.1 | 602 | 3.30 | 8.1 | 1.3 | <0.5 | 4.9 | 29 | <0.1 | 0.6 | 0.1 | 70 | 0.24 | 0.051 |
| 1089476 | Soil | 0.8 | 34.1 | 8.1 | 65 | <0.1 | 37.1 | 17.1 | 433 | 3.55 | 6.2 | 1.2 | 1.3 | 6.4 | 29 | <0.1 | 0.4 | 0.1 | 69 | 0.30 | 0.023 |
| 1177386 | Soil | 1.2 | 37.1 | 10.7 | 53 | <0.1 | 28.0 | 12.4 | 439 | 3.12 | 8.0 | 1.0 | <0.5 | 12.0 | 25 | 0.1 | 0.5 | 0.2 | 56 | 0.26 | 0.037 |
| 1177382 | Soil | 0.8 | 29.8 | 8.3 | 59 | <0.1 | 28.0 | 10.5 | 388 | 2.49 | 9.4 | 0.6 | 1.4 | 4.5 | 45 | 0.1 | 0.6 | 0.1 | 57 | 0.96 | 0.073 |
| 1089484 | Soil | 1.1 | 55.0 | 10.8 | 88 | <0.1 | 34.3 | 18.7 | 496 | 3.70 | 4.5 | 1.0 | <0.5 | 7.7 | 22 | <0.1 | 0.2 | <0.1 | 72 | 0.25 | 0.049 |
| 1089479 | Soil | 0.9 | 25.7 | 9.3 | 52 | <0.1 | 67.2 | 14.6 | 252 | 3.47 | 7.0 | 0.8 | <0.5 | 5.7 | 17 | <0.1 | 0.3 | 0.1 | 76 | 0.20 | 0.024 |
| 1177387 | Soil | 1.1 | 25.4 | 36.9 | 81 | <0.1 | 22.7 | 8.9 | 652 | 4.13 | 9.8 | 1.4 | <0.5 | 5.6 | 20 | 0.1 | 0.2 | 0.3 | 51 | 0.28 | 0.124 |
| 1177383 | Soil | 1.1 | 39.0 | 18.4 | 80 | 0.1 | 41.4 | 13.4 | 385 | 3.57 | 29.3 | 1.7 | 16.4 | 6.8 | 47 | 0.2 | 1.2 | 0.2 | 55 | 0.77 | 0.074 |
| 1089481 | Soil | 0.7 | 29.7 | 7.7 | 56 | <0.1 | 32.7 | 13.4 | 374 | 2.96 | 6.7 | 0.8 | 0.7 | 5.3 | 19 | <0.1 | 0.3 | 0.1 | 66 | 0.24 | 0.041 |
| 1089482 | Soil | 1.0 | 27.0 | 9.5 | 55 | <0.1 | 29.5 | 13.5 | 271 | 3.37 | 9.4 | 1.0 | 1.9 | 6.5 | 18 | <0.1 | 0.4 | 0.1 | 69 | 0.13 | 0.021 |
| 1177389 | Soil | 1.1 | 36.4 | 21.6 | 73 | <0.1 | 35.8 | 14.3 | 489 | 3.23 | 6.2 | 1.3 | 2.4 | 8.8 | 38 | 0.2 | 0.4 | 0.2 | 55 | 0.51 | 0.054 |
| 1177384 | Soil | 0.9 | 26.1 | 12.3 | 53 | 0.1 | 32.8 | 12.9 | 437 | 2.96 | 12.3 | 0.6 | 2.2 | 5.7 | 28 | <0.1 | 0.6 | 0.2 | 60 | 0.41 | 0.025 |
| 1089483 | Soil | 0.8 | 27.2 | 8.1 | 65 | <0.1 | 29.5 | 14.8 | 299 | 3.21 | 6.0 | 1.2 | 2.7 | 8.1 | 17 | <0.1 | 0.4 | 0.2 | 66 | 0.15 | 0.023 |
| 1089477 | Soil | 0.8 | 20.9 | 6.9 | 62 | <0.1 | 42.4 | 19.0 | 444 | 3.74 | 6.2 | 0.6 | 3.9 | 4.5 | 16 | <0.1 | 0.4 | 0.1 | 74 | 0.18 | 0.028 |
| 1177388 | Soil | 0.7 | 19.5 | 13.7 | 61 | <0.1 | 27.8 | 12.9 | 296 | 2.68 | 5.4 | 0.9 | 4.8 | 6.5 | 18 | 0.1 | 0.4 | 0.2 | 54 | 0.27 | 0.056 |
| 1177391 | Soil | 0.9 | 33.9 | 11.0 | 60 | <0.1 | 32.9 | 14.2 | 372 | 3.17 | 5.7 | 1.0 | 5.6 | 7.1 | 37 | 0.1 | 0.4 | 0.1 | 60 | 0.56 | 0.087 |
| 1177392 | Soil | 1.0 | 34.5 | 7.4 | 88 | <0.1 | 45.1 | 18.2 | 429 | 3.68 | 4.2 | 1.1 | 8.6 | 10.3 | 29 | 0.1 | 0.3 | <0.1 | 61 | 0.53 | 0.084 |
| 1177390 | Soil | 1.3 | 31.2 | 10.3 | 68 | <0.1 | 35.2 | 15.5 | 464 | 3.10 | 4.9 | 1.1 | 2.6 | 7.6 | 32 | 0.3 | 0.4 | 0.1 | 59 | 0.56 | 0.068 |
| 1177397 | Soil | 1.0 | 24.5 | 12.3 | 54 | <0.1 | 35.6 | 13.6 | 396 | 2.98 | 8.0 | 0.6 | 1.6 | 4.8 | 26 | <0.1 | 0.4 | 0.2 | 63 | 0.43 | 0.052 |
| 1179957 | Soil | 1.3 | 25.1 | 26.3 | 51 | 0.2 | 36.4 | 11.9 | 231 | 2.72 | 78.9 | 0.7 | 5.5 | 3.9 | 25 | 0.1 | 2.4 | 0.3 | 60 | 0.32 | 0.062 |
| 1179958 | Soil | 2.7 | 43.4 | 15.6 | 66 | 0.1 | 48.8 | 17.1 | 462 | 4.04 | 101.5 | 0.6 | 0.9 | 5.4 | 21 | 0.1 | 1.2 | 0.2 | 87 | 0.21 | 0.039 |
| 1179956 | Soil | 7.0 | 24.5 | 27.1 | 55 | 0.4 | 38.6 | 11.5 | 487 | 2.62 | 192.8 | 0.7 | 90.3 | 2.0 | 124 | 0.2 | 7.9 | 0.3 | 49 | 2.07 | 0.058 |
| 1179952 | Soil | 2.0 | 23.8 | 19.2 | 78 | <0.1 | 63.0 | 18.4 | 677 | 3.62 | 66.9 | 0.6 | 2.1 | 4.7 | 28 | 0.2 | 1.8 | 0.2 | 68 | 0.49 | 0.073 |
| 1177395 | Soil | 1.0 | 34.0 | 18.0 | 67 | <0.1 | 45.1 | 15.4 | 461 | 3.50 | 8.4 | 0.8 | 6.5 | 8.0 | 29 | <0.1 | 0.5 | 0.2 | 66 | 0.51 | 0.081 |
| 1179955 | Soil | 1.3 | 36.1 | 15.7 | 68 | 0.2 | 52.3 | 14.7 | 556 | 2.81 | 58.9 | 1.2 | 26.1 | 4.1 | 34 | 0.3 | 1.6 | 0.2 | 58 | 0.64 | 0.055 |
| 1177393 | Soil | 1.0 | 34.3 | 7.9 | 68 | <0.1 | 36.6 | 16.0 | 341 | 3.43 | 7.5 | 1.5 | 5.9 | 8.1 | 31 | <0.1 | 0.4 | 0.1 | 64 | 0.49 | 0.070 |
| 1177400 | Soil | 1.4 | 37.6 | 18.8 | 88 | 0.2 | 58.1 | 19.9 | 876 | 3.14 | 55.8 | 1.3 | 4.9 | 5.0 | 37 | 0.3 | 2.0 | 0.2 | 54 | 0.67 | 0.087 |
| 1177396 | Soil | 1.0 | 34.2 | 18.0 | 69 | 0.1 | 44.4 | 15.6 | 455 | 3.38 | 8.3 | 0.8 | 27.0 | 7.7 | 30 | 0.1 | 0.5 | 0.2 | 66 | 0.53 | 0.080 |

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Report Date: October 01, 2011



# CERTIFICATE OF ANALYSIS DAW11000251.1

| | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | MDL | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 1177385 | Soil | 17 | 43 | 0.56 | 271 | 0.092 | 2 | 1.49 | 0.015 | 0.27 | 0.2 | 0.01 | 5.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1177381 | Soil | 26 | 37 | 0.62 | 401 | 0.103 | 1 | 1.44 | 0.017 | 0.33 | 0.1 | 0.03 | 5.1 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1089480 | Soil | 16 | 45 | 0.67 | 383 | 0.077 | <1 | 1.71 | 0.009 | 0.14 | <0.1 | 0.02 | 5.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1089476 | Soil | 20 | 49 | 0.91 | 290 | 0.141 | <1 | 2.10 | 0.014 | 0.18 | 0.1 | 0.03 | 6.1 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| 1177386 | Soil | 35 | 40 | 0.65 | 251 | 0.106 | <1 | 1.59 | 0.011 | 0.34 | 0.1 | 0.01 | 4.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1177382 | Soil | 15 | 30 | 0.58 | 263 | 0.085 | 2 | 1.18 | 0.030 | 0.11 | 0.2 | 0.03 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1089484 | Soil | 31 | 53 | 1.15 | 262 | 0.173 | <1 | 2.49 | 0.011 | 0.48 | <0.1 | 0.01 | 3.8 | 0.4 | <0.05 | 8 | <0.5 | <0.2 |
| 1089479 | Soil | 20 | 112 | 1.03 | 174 | 0.144 | <1 | 2.21 | 0.009 | 0.19 | <0.1 | 0.01 | 3.8 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| 1177387 | Soil | 55 | 26 | 0.64 | 211 | 0.176 | <1 | 2.13 | 0.010 | 0.62 | <0.1 | 0.04 | 2.6 | 0.3 | <0.05 | 12 | <0.5 | <0.2 |
| 1177383 | Soil | 26 | 45 | 0.70 | 286 | 0.078 | 2 | 1.52 | 0.018 | 0.34 | 0.1 | 0.28 | 5.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1089481 | Soil | 20 | 46 | 0.70 | 244 | 0.114 | 1 | 1.78 | 0.009 | 0.14 | 0.1 | 0.02 | 4.4 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1089482 | Soil | 16 | 63 | 0.73 | 183 | 0.115 | <1 | 2.42 | 0.010 | 0.14 | <0.1 | 0.03 | 4.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| 1177389 | Soil | 29 | 36 | 0.63 | 403 | 0.113 | 2 | 1.53 | 0.020 | 0.35 | 0.1 | 0.03 | 4.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1177384 | Soil | 19 | 39 | 0.55 | 257 | 0.087 | 2 | 1.47 | 0.018 | 0.14 | 0.1 | 0.02 | 5.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1089483 | Soil | 24 | 52 | 0.75 | 217 | 0.106 | 2 | 2.13 | 0.011 | 0.30 | 0.1 | 0.03 | 4.9 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| 1089477 | Soil | 11 | 51 | 0.89 | 200 | 0.134 | 2 | 2.38 | 0.016 | 0.25 | 0.1 | 0.02 | 3.7 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| 1177388 | Soil | 20 | 38 | 0.62 | 153 | 0.098 | 2 | 1.53 | 0.012 | 0.23 | 0.1 | 0.07 | 3.2 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1177391 | Soil | 24 | 37 | 0.76 | 278 | 0.112 | 3 | 1.56 | 0.019 | 0.39 | 0.2 | 0.05 | 4.1 | 0.2 | <0.05 | 5 | 0.7 | <0.2 |
| 1177392 | Soil | 27 | 46 | 0.93 | 226 | 0.127 | 2 | 1.69 | 0.016 | 0.62 | 0.1 | 0.03 | 4.0 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| 1177390 | Soil | 24 | 39 | 0.66 | 266 | 0.103 | 2 | 1.41 | 0.016 | 0.44 | 0.2 | 0.04 | 4.2 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| 1177397 | Soil | 18 | 39 | 0.61 | 241 | 0.078 | 1 | 1.51 | 0.017 | 0.18 | 0.1 | 0.02 | 3.9 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1179957 | Soil | 13 | 38 | 0.43 | 595 | 0.040 | 2 | 1.38 | 0.012 | 0.07 | 0.1 | 0.06 | 3.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1179958 | Soil | 11 | 59 | 0.43 | 243 | 0.043 | 1 | 1.04 | 0.012 | 0.13 | <0.1 | 0.04 | 4.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1179956 | Soil | 10 | 31 | 1.09 | 803 | 0.024 | 3 | 1.16 | 0.016 | 0.06 | 0.2 | 0.17 | 4.9 | <0.1 | 0.06 | 3 | <0.5 | <0.2 |
| 1179952 | Soil | 17 | 76 | 0.73 | 352 | 0.071 | 2 | 1.35 | 0.010 | 0.26 | 0.1 | 0.05 | 3.4 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1177395 | Soil | 23 | 49 | 0.82 | 226 | 0.111 | 1 | 1.63 | 0.020 | 0.44 | 0.2 | 0.05 | 5.0 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| 1179955 | Soil | 14 | 53 | 0.57 | 628 | 0.045 | 2 | 1.33 | 0.015 | 0.10 | 0.1 | 0.10 | 5.1 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1177393 | Soil | 35 | 44 | 0.78 | 298 | 0.103 | 1 | 1.73 | 0.017 | 0.26 | 0.2 | 0.04 | 4.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1177400 | Soil | 22 | 56 | 0.62 | 638 | 0.056 | 2 | 1.31 | 0.011 | 0.23 | 0.2 | 0.18 | 5.7 | 0.2 | 0.05 | 4 | 0.8 | <0.2 |
| 1177396 | Soil | 23 | 51 | 0.78 | 228 | 0.115 | 2 | 1.58 | 0.018 | 0.44 | 0.2 | 0.05 | 5.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |

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| | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.1 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 |
| 1177394 | Soil | 1.1 | 34.1 | 7.7 | 64 | <0.1 | 36.8 | 15.0 | 388 | 3.26 | 6.5 | 1.2 | 17.1 | 7.9 | 32 | 0.1 | 0.4 | 0.1 | 65 | 0.50 | 0.067 |
| 1179954 | Soil | 1.3 | 35.8 | 15.0 | 71 | 0.2 | 49.2 | 13.9 | 521 | 2.67 | 58.7 | 1.2 | 58.2 | 4.0 | 34 | 0.2 | 1.8 | 0.2 | 55 | 0.66 | 0.057 |
| 1166024 | Soil | 1.2 | 14.1 | 8.7 | 54 | 0.1 | 18.7 | 11.3 | 480 | 2.88 | 13.7 | 0.7 | 2.3 | 2.5 | 15 | 0.1 | 0.6 | 0.2 | 63 | 0.18 | 0.052 |
| 1177399 | Soil | 0.9 | 40.8 | 13.3 | 57 | 0.1 | 37.5 | 13.4 | 506 | 2.80 | 9.4 | 0.6 | 4.8 | 4.7 | 40 | 0.1 | 0.6 | 0.2 | 57 | 0.79 | 0.069 |
| 1177398 | Soil | 1.1 | 39.9 | 13.0 | 54 | 0.2 | 39.4 | 13.6 | 614 | 2.71 | 8.3 | 0.6 | 4.3 | 4.1 | 43 | 0.2 | 0.6 | 0.2 | 55 | 0.96 | 0.064 |
| 1179953 | Soil | 2.3 | 36.2 | 32.2 | 79 | 0.2 | 55.6 | 12.7 | 291 | 2.87 | 187.0 | 1.1 | 16.4 | 4.5 | 31 | 0.1 | 5.3 | 0.3 | 52 | 0.48 | 0.063 |
| 1166014 | Soil | 0.6 | 65.6 | 10.5 | 41 | <0.1 | 20.4 | 12.0 | 196 | 2.44 | 4.7 | 0.5 | 2.6 | 1.4 | 12 | <0.1 | 0.2 | <0.1 | 72 | 0.23 | 0.046 |
| 1166031 | Soil | 1.0 | 33.7 | 8.5 | 71 | 0.2 | 30.5 | 10.9 | 286 | 2.60 | 33.9 | 0.7 | 3.1 | 3.8 | 34 | 0.3 | 1.0 | 0.1 | 61 | 0.53 | 0.090 |
| 1166028 | Soil | 4.0 | 57.6 | 16.5 | 122 | 0.6 | 54.2 | 15.2 | 1918 | 3.67 | 188.3 | 0.6 | 9.0 | 1.5 | 23 | 1.1 | 6.8 | 0.2 | 78 | 0.16 | 0.086 |
| 1166020 | Soil | 1.3 | 19.4 | 9.5 | 49 | 0.1 | 28.0 | 8.0 | 177 | 2.30 | 4.3 | 0.6 | 1.4 | 2.1 | 22 | 0.2 | 0.3 | 0.2 | 58 | 0.42 | 0.029 |
| 1166009 | Soil | 0.4 | 87.5 | 6.9 | 43 | <0.1 | 26.7 | 13.7 | 224 | 2.49 | 2.8 | 0.3 | 3.0 | 1.4 | 18 | <0.1 | 0.2 | <0.1 | 73 | 0.35 | 0.045 |
| 1166012 | Soil | 1.0 | 50.4 | 6.4 | 39 | <0.1 | 22.6 | 13.1 | 213 | 2.79 | 5.5 | 0.2 | 1.8 | 1.0 | 10 | <0.1 | 0.3 | <0.1 | 85 | 0.18 | 0.048 |
| 1166027 | Soil | 1.3 | 84.8 | 9.6 | 85 | <0.1 | 86.2 | 24.1 | 774 | 5.36 | 24.3 | 0.8 | 1.7 | 9.1 | 25 | 0.1 | 0.4 | 0.1 | 204 | 0.51 | 0.120 |
| 1166030 | Soil | 2.1 | 23.7 | 14.5 | 52 | 0.4 | 22.6 | 7.7 | 361 | 2.29 | 75.5 | 0.5 | 3.9 | 1.3 | 23 | 0.3 | 1.6 | 0.2 | 58 | 0.24 | 0.048 |
| 1166010 | Soil | 0.6 | 45.0 | 6.8 | 48 | <0.1 | 20.3 | 9.8 | 213 | 2.35 | 3.8 | 0.5 | 2.1 | 2.1 | 18 | <0.1 | 0.2 | <0.1 | 71 | 0.32 | 0.050 |
| 1166008 | Soil | 0.9 | 33.4 | 6.9 | 43 | <0.1 | 22.3 | 14.0 | 333 | 2.65 | 5.2 | 0.5 | 3.2 | 2.5 | 20 | <0.1 | 0.3 | 0.1 | 69 | 0.28 | 0.038 |
| 1166007 | Soil | 0.8 | 47.7 | 5.2 | 32 | <0.1 | 18.6 | 8.7 | 206 | 2.20 | 4.5 | 0.2 | 1.2 | 1.2 | 14 | <0.1 | 0.3 | <0.1 | 67 | 0.25 | 0.026 |
| 1166013 | Soil | 0.9 | 89.1 | 8.9 | 62 | <0.1 | 23.4 | 14.8 | 303 | 3.54 | 6.2 | 0.2 | 1.6 | 1.1 | 13 | <0.1 | 0.3 | 0.1 | 119 | 0.20 | 0.062 |
| 1166022 | Soil | 1.3 | 22.8 | 6.7 | 43 | <0.1 | 58.6 | 13.1 | 368 | 2.69 | 4.3 | 0.8 | 5.6 | 2.9 | 18 | <0.1 | 0.3 | 0.1 | 57 | 0.21 | 0.030 |
| 1166016 | Soil | 0.8 | 24.1 | 7.8 | 61 | 0.1 | 71.1 | 15.3 | 334 | 2.54 | 4.1 | 0.8 | 1.7 | 3.1 | 19 | 0.1 | 0.2 | 0.1 | 66 | 0.39 | 0.061 |
| 1166036 | Soil | 1.0 | 42.2 | 7.2 | 36 | <0.1 | 264.1 | 19.2 | 260 | 2.73 | 7.2 | 1.2 | 2.2 | 1.9 | 24 | <0.1 | 0.5 | 0.2 | 67 | 0.57 | 0.017 |
| 1166011 | Soil | 1.2 | 49.6 | 6.5 | 61 | <0.1 | 126.5 | 17.6 | 316 | 2.93 | 3.9 | 0.6 | 1.4 | 3.5 | 17 | <0.1 | 0.2 | 0.1 | 83 | 0.31 | 0.019 |
| 1166015 | Soil | 0.4 | 75.2 | 14.9 | 39 | 0.1 | 21.9 | 10.3 | 163 | 1.84 | 2.1 | 0.4 | 3.4 | 0.6 | 13 | <0.1 | 0.1 | 0.1 | 58 | 0.27 | 0.044 |
| 1166019 | Soil | 0.7 | 34.2 | 11.2 | 62 | 0.1 | 55.7 | 13.7 | 340 | 2.46 | 4.9 | 1.3 | 1.6 | 4.4 | 32 | 0.1 | 0.3 | 0.2 | 51 | 0.74 | 0.054 |
| 1166026 | Soil | 1.1 | 37.9 | 8.2 | 82 | 0.2 | 56.0 | 12.8 | 466 | 2.58 | 30.3 | 1.4 | 2.5 | 3.5 | 43 | 0.3 | 0.8 | 0.1 | 56 | 0.73 | 0.059 |
| 1166034 | Soil | 1.1 | 29.2 | 8.5 | 44 | <0.1 | 62.7 | 11.7 | 175 | 2.47 | 5.2 | 0.5 | 0.6 | 1.6 | 17 | <0.1 | 0.3 | 0.1 | 70 | 0.31 | 0.018 |
| 1166021 | Soil | 1.0 | 21.5 | 8.5 | 40 | <0.1 | 43.3 | 9.1 | 193 | 2.40 | 6.9 | 0.6 | 1.7 | 2.9 | 21 | <0.1 | 0.3 | 0.2 | 64 | 0.31 | 0.027 |
| 1166023 | Soil | 1.3 | 11.2 | 9.6 | 24 | <0.1 | 9.2 | 3.0 | 102 | 2.58 | 9.2 | 0.4 | 1.4 | 0.5 | 14 | 0.2 | 0.5 | 0.2 | 84 | 0.12 | 0.041 |
| 1166033 | Soil | 1.6 | 42.6 | 7.4 | 72 | 0.1 | 101.4 | 16.3 | 518 | 2.89 | 6.5 | 0.6 | 0.9 | 3.1 | 16 | 0.4 | 0.3 | 0.1 | 79 | 0.15 | 0.032 |
| 1166029 | Soil | 2.2 | 40.9 | 11.1 | 61 | <0.1 | 62.5 | 15.6 | 486 | 3.48 | 104.0 | 0.5 | 5.0 | 1.9 | 16 | 0.2 | 2.2 | 0.1 | 68 | 0.16 | 0.032 |

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Project: WHT
Report Date: October 01, 2011



# CERTIFICATE OF ANALYSIS DAW11000251.1

| | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | MDL | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 1177394 | Soil | 33 | 41 | 0.74 | 280 | 0.115 | <1 | 1.83 | 0.022 | 0.31 | 0.2 | 0.03 | 4.2 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| 1179954 | Soil | 15 | 52 | 0.57 | 603 | 0.045 | 2 | 1.27 | 0.013 | 0.10 | 0.1 | 0.11 | 5.1 | 0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1166024 | Soil | 12 | 30 | 0.42 | 107 | 0.057 | 2 | 1.39 | 0.010 | 0.06 | 0.1 | 0.06 | 2.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1177399 | Soil | 23 | 36 | 0.65 | 263 | 0.074 | 2 | 1.36 | 0.021 | 0.18 | 0.2 | 0.04 | 4.0 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1177398 | Soil | 21 | 35 | 0.61 | 317 | 0.061 | 2 | 1.28 | 0.020 | 0.16 | 0.2 | 0.04 | 3.7 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1179953 | Soil | 14 | 47 | 0.52 | 598 | 0.034 | 2 | 1.14 | 0.012 | 0.11 | 0.2 | 0.16 | 5.9 | 0.2 | <0.05 | 3 | 0.8 | <0.2 |
| 1166014 | Soil | 7 | 49 | 0.59 | 151 | 0.083 | <1 | 1.46 | 0.022 | 0.04 | 0.1 | 0.02 | 3.7 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1166031 | Soil | 13 | 31 | 0.62 | 431 | 0.075 | 2 | 1.19 | 0.028 | 0.13 | 0.2 | 0.04 | 3.8 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1166028 | Soil | 8 | 33 | 0.20 | 1471 | 0.012 | 3 | 1.29 | 0.009 | 0.07 | 0.4 | 0.04 | 2.6 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1166020 | Soil | 11 | 37 | 0.45 | 166 | 0.070 | <1 | 1.61 | 0.013 | 0.08 | 0.1 | 0.03 | 2.5 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1166009 | Soil | 5 | 44 | 1.02 | 282 | 0.085 | <1 | 1.51 | 0.012 | 0.21 | <0.1 | 0.01 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1166012 | Soil | 4 | 46 | 0.79 | 184 | 0.103 | <1 | 1.60 | 0.016 | 0.06 | <0.1 | 0.02 | 2.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1166027 | Soil | 38 | 208 | 2.48 | 836 | 0.217 | <1 | 3.61 | 0.013 | 1.12 | <0.1 | 0.02 | 11.0 | 0.5 | <0.05 | 13 | <0.5 | <0.2 |
| 1166030 | Soil | 8 | 25 | 0.23 | 525 | 0.035 | 2 | 0.91 | 0.012 | 0.09 | 0.1 | 0.04 | 2.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1166010 | Soil | 8 | 41 | 0.75 | 263 | 0.109 | <1 | 1.59 | 0.015 | 0.09 | 0.1 | 0.02 | 3.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1166008 | Soil | 7 | 44 | 0.81 | 628 | 0.117 | <1 | 1.57 | 0.013 | 0.23 | 0.1 | 0.02 | 2.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1166007 | Soil | 4 | 30 | 0.57 | 167 | 0.074 | <1 | 1.43 | 0.016 | 0.06 | 0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1166013 | Soil | 5 | 37 | 0.93 | 345 | 0.144 | <1 | 1.89 | 0.015 | 0.32 | <0.1 | 0.01 | 2.9 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| 1166022 | Soil | 15 | 59 | 0.49 | 173 | 0.056 | 1 | 1.42 | 0.012 | 0.07 | <0.1 | 0.03 | 2.5 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1166016 | Soil | 14 | 97 | 1.01 | 198 | 0.100 | <1 | 1.59 | 0.011 | 0.08 | 0.2 | 0.05 | 2.7 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1166036 | Soil | 9 | 133 | 0.84 | 192 | 0.057 | 3 | 1.46 | 0.014 | 0.05 | 0.1 | 0.03 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1166011 | Soil | 11 | 142 | 1.35 | 412 | 0.140 | 2 | 1.80 | 0.012 | 0.25 | <0.1 | <0.01 | 4.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| 1166015 | Soil | 4 | 57 | 0.61 | 165 | 0.095 | <1 | 1.04 | 0.023 | 0.09 | <0.1 | 0.02 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1166019 | Soil | 19 | 54 | 0.66 | 250 | 0.089 | 2 | 1.39 | 0.015 | 0.06 | 0.1 | 0.03 | 3.5 | 0.1 | 0.05 | 4 | <0.5 | <0.2 |
| 1166026 | Soil | 17 | 56 | 0.79 | 429 | 0.079 | 3 | 1.39 | 0.015 | 0.18 | 0.1 | 0.07 | 4.1 | 0.2 | 0.06 | 4 | 1.0 | <0.2 |
| 1166034 | Soil | 5 | 95 | 0.79 | 128 | 0.098 | <1 | 1.53 | 0.013 | 0.06 | <0.1 | 0.02 | 2.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1166021 | Soil | 12 | 59 | 0.56 | 161 | 0.068 | 1 | 1.53 | 0.011 | 0.04 | 0.1 | 0.02 | 2.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1166023 | Soil | 7 | 26 | 0.17 | 106 | 0.078 | 1 | 0.87 | 0.006 | 0.03 | 0.1 | 0.04 | 1.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| 1166033 | Soil | 11 | 114 | 1.19 | 352 | 0.114 | 2 | 1.67 | 0.013 | 0.18 | <0.1 | 0.01 | 3.7 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1166029 | Soil | 6 | 81 | 0.67 | 384 | 0.043 | 1 | 1.29 | 0.009 | 0.11 | 0.1 | 0.02 | 5.0 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |

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Project: WHT
Report Date: October 01, 2011



# CERTIFICATE OF ANALYSIS DAW11000251.1

| | | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P |
| | | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | | MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.1 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 |
| 1166025 | Soil | | 0.9 | 24.2 | 11.0 | 69 | 0.3 | 26.4 | 12.1 | 758 | 2.79 | 31.8 | 1.4 | 2.2 | 4.2 | 27 | 0.1 | 1.2 | 0.2 | 51 | 0.46 | 0.040 |
| 1166035 | Soil | | 0.7 | 38.2 | 6.3 | 32 | <0.1 | 308.9 | 25.5 | 347 | 2.32 | 5.0 | 0.5 | <0.5 | 1.5 | 22 | <0.1 | 0.2 | <0.1 | 53 | 0.49 | 0.021 |
| 1166032 | Soil | | 1.2 | 64.4 | 7.9 | 69 | 0.4 | 70.8 | 12.9 | 432 | 2.69 | 8.5 | 1.3 | 1.8 | 3.3 | 31 | 0.2 | 0.3 | 0.1 | 69 | 0.50 | 0.035 |
| 1088436 | Soil | | 0.8 | 20.2 | 10.7 | 69 | <0.1 | 25.6 | 10.0 | 156 | 2.48 | 3.2 | 1.0 | 4.0 | 6.4 | 16 | <0.1 | 0.1 | 0.1 | 37 | 0.18 | 0.047 |
| 1088434 | Soil | | 1.1 | 46.6 | 8.8 | 72 | <0.1 | 47.4 | 15.4 | 408 | 3.68 | 5.4 | 1.0 | 3.1 | 6.0 | 21 | <0.1 | 0.3 | 0.1 | 84 | 0.25 | 0.046 |
| 1088439 | Soil | | 2.2 | 41.3 | 11.6 | 85 | 0.1 | 39.9 | 14.8 | 359 | 3.64 | 27.0 | 0.9 | 2.0 | 6.6 | 17 | 0.1 | 0.8 | 0.1 | 79 | 0.13 | 0.034 |
| 1088435 | Soil | | 1.3 | 29.3 | 9.3 | 72 | 0.1 | 35.8 | 14.0 | 336 | 3.31 | 6.2 | 0.9 | 3.5 | 6.1 | 19 | 0.1 | 0.3 | 0.1 | 68 | 0.21 | 0.043 |
| 1088438 | Soil | | 1.2 | 24.7 | 14.4 | 56 | <0.1 | 25.4 | 10.1 | 222 | 3.49 | 7.7 | 1.2 | 6.0 | 6.2 | 14 | <0.1 | 0.3 | 0.1 | 60 | 0.14 | 0.033 |
| 1088433 | Soil | | 1.6 | 42.4 | 18.0 | 71 | <0.1 | 53.7 | 13.6 | 328 | 3.56 | 5.0 | 1.1 | 1.5 | 6.3 | 21 | <0.1 | 0.2 | 0.2 | 98 | 0.19 | 0.044 |

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# CERTIFICATE OF ANALYSIS DAW11000251.1

| | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | MDL | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 1166025 | Soil | 20 | 30 | 0.47 | 282 | 0.052 | 2 | 1.36 | 0.011 | 0.08 | 0.1 | 0.06 | 3.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1166035 | Soil | 6 | 198 | 1.34 | 108 | 0.059 | 3 | 1.35 | 0.011 | 0.05 | <0.1 | 0.01 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1166032 | Soil | 19 | 69 | 0.84 | 560 | 0.089 | 2 | 1.68 | 0.016 | 0.16 | <0.1 | 0.04 | 4.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1088436 | Soil | 31 | 33 | 0.60 | 111 | 0.076 | <1 | 1.46 | 0.008 | 0.22 | 0.1 | 0.06 | 2.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1088434 | Soil | 21 | 72 | 0.96 | 222 | 0.176 | <1 | 2.00 | 0.012 | 0.29 | 0.1 | 0.02 | 4.3 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| 1088439 | Soil | 15 | 47 | 0.59 | 247 | 0.079 | 2 | 1.77 | 0.007 | 0.17 | 0.1 | 0.03 | 4.2 | 0.2 | <0.05 | 6 | 1.1 | <0.2 |
| 1088435 | Soil | 20 | 51 | 0.79 | 177 | 0.136 | <1 | 1.93 | 0.011 | 0.21 | 0.1 | 0.04 | 3.7 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| 1088438 | Soil | 39 | 37 | 0.61 | 167 | 0.114 | <1 | 2.11 | 0.010 | 0.19 | <0.1 | 0.03 | 3.5 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| 1088433 | Soil | 22 | 85 | 0.97 | 148 | 0.177 | <1 | 1.99 | 0.010 | 0.25 | <0.1 | 0.02 | 3.6 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |

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# QUALITY CONTROL REPORT DAW11000251.1

| | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.1 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1179954 | Soil | 1.3 | 35.8 | 15.0 | 71 | 0.2 | 49.2 | 13.9 | 521 | 2.67 | 58.7 | 1.2 | 58.2 | 4.0 | 34 | 0.2 | 1.8 | 0.2 | 55 | 0.66 | 0.057 |
| REP 1179954 | QC | 1.5 | 37.2 | 16.5 | 71 | 0.2 | 52.3 | 14.5 | 538 | 2.79 | 60.0 | 1.3 | 32.8 | 4.3 | 36 | 0.2 | 1.8 | 0.2 | 59 | 0.71 | 0.061 |
| 1166027 | Soil | 1.3 | 84.8 | 9.6 | 85 | <0.1 | 86.2 | 24.1 | 774 | 5.36 | 24.3 | 0.8 | 1.7 | 9.1 | 25 | 0.1 | 0.4 | 0.1 | 204 | 0.51 | 0.120 |
| REP 1166027 | QC | 1.3 | 84.8 | 9.5 | 86 | <0.1 | 83.4 | 23.1 | 765 | 5.18 | 24.5 | 0.8 | 1.2 | 9.1 | 25 | <0.1 | 0.4 | 0.1 | 198 | 0.50 | 0.116 |
| 1088436 | Soil | 0.8 | 20.2 | 10.7 | 69 | <0.1 | 25.6 | 10.0 | 156 | 2.48 | 3.2 | 1.0 | 4.0 | 6.4 | 16 | <0.1 | 0.1 | 0.1 | 37 | 0.18 | 0.047 |
| REP 1088436 | QC | 0.8 | 18.6 | 11.0 | 66 | <0.1 | 25.4 | 10.0 | 155 | 2.55 | 3.3 | 1.0 | 1.5 | 6.2 | 16 | <0.1 | 0.2 | 0.1 | 37 | 0.17 | 0.047 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 13.4 | 115.8 | 127.5 | 315 | 1.8 | 38.5 | 7.6 | 625 | 2.52 | 25.5 | 2.8 | 103.9 | 6.9 | 65 | 2.2 | 5.3 | 6.5 | 45 | 0.67 | 0.080 |
| STD DS8 | Standard | 12.3 | 105.6 | 118.9 | 287 | 1.5 | 34.4 | 7.1 | 556 | 2.21 | 21.7 | 2.9 | 91.8 | 6.8 | 59 | 2.0 | 4.6 | 6.0 | 38 | 0.61 | 0.068 |
| STD DS8 | Standard | 12.7 | 104.3 | 116.2 | 280 | 1.7 | 37.6 | 7.9 | 572 | 2.41 | 22.0 | 2.4 | 104.3 | 5.9 | 65 | 2.1 | 5.3 | 5.9 | 43 | 0.65 | 0.069 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 2.8 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.1 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.1 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.1 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 |

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# QUALITY CONTROL REPORT DAW11000251.1

| | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | MDL | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | |
| 1179954 | Soil | 15 | 52 | 0.57 | 603 | 0.045 | 2 | 1.27 | 0.013 | 0.10 | 0.1 | 0.11 | 5.1 | 0.1 | <0.05 | 4 | 0.9 | <0.2 |
| REP 1179954 | QC | 16 | 54 | 0.60 | 644 | 0.046 | 2 | 1.37 | 0.014 | 0.10 | 0.1 | 0.12 | 5.3 | 0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1166027 | Soil | 38 | 208 | 2.48 | 836 | 0.217 | <1 | 3.61 | 0.013 | 1.12 | <0.1 | 0.02 | 11.0 | 0.5 | <0.05 | 13 | <0.5 | <0.2 |
| REP 1166027 | QC | 36 | 195 | 2.56 | 823 | 0.209 | <1 | 3.52 | 0.013 | 1.11 | <0.1 | 0.02 | 10.9 | 0.5 | <0.05 | 13 | <0.5 | <0.2 |
| 1088436 | Soil | 31 | 33 | 0.60 | 111 | 0.076 | <1 | 1.46 | 0.008 | 0.22 | 0.1 | 0.06 | 2.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| REP 1088436 | QC | 30 | 33 | 0.61 | 108 | 0.083 | <1 | 1.46 | 0.009 | 0.21 | 0.1 | 0.04 | 2.7 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 15 | 117 | 0.61 | 281 | 0.119 | 2 | 0.88 | 0.086 | 0.39 | 3.0 | 0.21 | 2.2 | 5.4 | 0.17 | 5 | 5.0 | 5.1 |
| STD DS8 | Standard | 14 | 112 | 0.59 | 240 | 0.116 | 2 | 0.83 | 0.068 | 0.35 | 2.7 | 0.16 | 1.8 | 4.8 | 0.14 | 4 | 4.9 | 4.5 |
| STD DS8 | Standard | 13 | 116 | 0.59 | 233 | 0.108 | 3 | 0.94 | 0.095 | 0.42 | 2.8 | 0.19 | 2.0 | 5.0 | 0.12 | 5 | 5.0 | 5.0 |
| STD DS8 Expected | | 14.6 | 115 | 0.6045 | 279 | 0.113 | 2.6 | 0.93 | 0.0883 | 0.41 | 3 | 0.192 | 2.3 | 5.4 | 0.1679 | 4.7 | 5.23 | 5 |
| BLK | Blank | <1 | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.