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 14, 2011
Report Date: October 02, 2011


# CERTIFICATE OF ANALYSIS DAW11000250.1

## CLIENT JOB INFORMATION

Project: WHT
Shipment ID: WHT2011-05
P.O. Number
Number of Samples: 111

## 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 | 111 | Dry at 60C sieve 100g to -80 mesh | | | DAW |
| Dry at 60C | 111 | Dry at 60C | | | DAW |
| RJSV | 111 | Saving all or part of Soil Reject | | | DAW |
| 1F02 | 111 | 1:1:1 Aqua Regia digestion Ultratrace 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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| | Method | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 | 0.001 |
| 1179692 | Soil | 0.61 | 44.37 | 40.93 | 119.2 | 20 | 14.3 | 18.3 | 649 | 4.66 | 3.2 | 0.7 | 3.0 | 4.8 | 36.3 | 0.12 | 0.19 | 0.31 | 114 | 0.67 | 0.068 |
| 1179691 | Soil | 0.71 | 25.29 | 12.76 | 57.8 | 93 | 19.9 | 9.8 | 549 | 2.39 | 4.9 | 1.2 | 1.4 | 2.7 | 52.8 | 0.22 | 0.47 | 0.18 | 47 | 1.39 | 0.076 |
| 1179693 | Soil | 0.77 | 38.09 | 6.40 | 110.3 | 36 | 20.1 | 16.1 | 951 | 5.25 | 3.1 | 1.3 | 2.5 | 7.5 | 23.8 | 0.10 | 0.16 | 0.16 | 120 | 0.57 | 0.110 |
| 1179694 | Soil | 0.80 | 30.56 | 8.88 | 60.2 | 66 | 27.2 | 10.8 | 438 | 2.90 | 9.1 | 0.8 | 3.7 | 4.8 | 30.6 | 0.11 | 0.58 | 0.16 | 56 | 0.54 | 0.044 |
| 1179695 | Soil | 0.57 | 41.30 | 10.18 | 77.7 | 93 | 66.3 | 18.0 | 698 | 4.00 | 3.6 | 1.1 | 8.4 | 15.4 | 53.6 | 0.17 | 0.33 | 0.26 | 65 | 2.14 | 0.065 |
| 1179696 | Soil | 0.90 | 27.78 | 10.20 | 56.0 | 63 | 32.4 | 12.1 | 295 | 3.14 | 8.4 | 0.9 | 6.7 | 7.2 | 19.9 | 0.10 | 0.66 | 0.22 | 61 | 0.28 | 0.032 |
| 1179697 | Soil | 0.57 | 26.92 | 13.27 | 62.4 | 130 | 24.2 | 9.7 | 383 | 2.49 | 5.8 | 1.0 | 12.0 | 3.8 | 38.5 | 0.19 | 0.47 | 0.20 | 53 | 0.72 | 0.075 |
| 1179698 | Soil | 0.58 | 22.12 | 14.50 | 77.5 | 55 | 22.2 | 8.9 | 239 | 2.51 | 6.4 | 0.6 | 6.5 | 4.2 | 22.7 | 0.11 | 0.35 | 0.17 | 58 | 0.37 | 0.045 |
| 1179699 | Soil | 0.66 | 33.83 | 11.41 | 61.1 | 81 | 29.7 | 11.3 | 493 | 2.59 | 6.0 | 0.5 | 4.4 | 4.9 | 27.0 | 0.13 | 0.41 | 0.15 | 51 | 0.57 | 0.055 |
| 1179700 | Soil | 0.43 | 36.19 | 11.75 | 59.7 | 110 | 25.2 | 10.5 | 408 | 2.69 | 7.6 | 0.7 | 4.8 | 4.0 | 38.1 | 0.15 | 0.44 | 0.19 | 57 | 0.68 | 0.062 |
| 1179701 | Soil | 0.51 | 30.46 | 9.10 | 55.2 | 117 | 26.2 | 10.4 | 467 | 2.41 | 8.5 | 0.6 | 6.7 | 2.7 | 40.4 | 0.21 | 0.59 | 0.19 | 48 | 1.03 | 0.061 |
| 1179703 | Soil | 0.64 | 31.25 | 13.87 | 67.7 | 43 | 38.2 | 14.0 | 323 | 3.19 | 6.8 | 0.6 | 2.7 | 6.1 | 26.5 | 0.10 | 0.41 | 0.17 | 68 | 0.47 | 0.084 |
| 1179702 | Soil | 0.55 | 49.54 | 12.62 | 76.0 | 34 | 79.0 | 23.8 | 490 | 4.32 | 4.6 | 0.8 | 3.7 | 9.0 | 33.5 | 0.08 | 0.30 | 0.17 | 85 | 0.81 | 0.231 |
| 1179708 | Soil | 0.78 | 25.42 | 7.77 | 58.4 | 91 | 19.1 | 9.3 | 322 | 2.76 | 4.5 | 0.9 | 3.8 | 4.5 | 28.0 | 0.10 | 0.31 | 0.14 | 56 | 0.54 | 0.039 |
| 1179709 | Soil | 0.77 | 42.36 | 8.19 | 70.3 | 105 | 24.2 | 11.6 | 645 | 3.17 | 6.2 | 1.3 | 3.4 | 5.3 | 30.0 | 0.15 | 0.43 | 0.13 | 61 | 0.58 | 0.044 |
| 1179710 | Soil | 0.96 | 19.23 | 8.03 | 54.7 | 59 | 19.7 | 9.7 | 369 | 2.76 | 5.5 | 0.8 | 3.2 | 3.8 | 23.4 | 0.12 | 0.37 | 0.13 | 55 | 0.36 | 0.037 |
| 1179704 | Soil | 0.66 | 45.25 | 11.96 | 78.0 | 21 | 41.9 | 16.7 | 529 | 4.50 | 2.7 | 1.2 | 2.2 | 17.5 | 15.3 | 0.06 | 0.16 | 0.22 | 58 | 0.26 | 0.059 |
| 1179705 | Soil | 0.69 | 22.58 | 9.73 | 55.6 | 101 | 23.2 | 10.8 | 409 | 2.65 | 5.1 | 1.0 | 7.0 | 5.6 | 31.8 | 0.13 | 0.30 | 0.19 | 52 | 0.55 | 0.049 |
| 1179706 | Soil | 1.18 | 35.26 | 12.45 | 79.9 | 77 | 36.3 | 13.9 | 566 | 3.56 | 3.9 | 1.1 | 3.6 | 11.0 | 23.6 | 0.10 | 0.20 | 0.20 | 62 | 0.40 | 0.063 |
| 1179707 | Soil | 0.51 | 27.77 | 8.70 | 71.1 | 57 | 20.8 | 14.4 | 575 | 3.74 | 4.8 | 0.8 | 2.3 | 5.1 | 22.5 | 0.12 | 0.20 | 0.13 | 77 | 0.44 | 0.068 |
| 1179711 | Soil | 0.85 | 27.60 | 9.87 | 70.3 | 23 | 36.1 | 14.7 | 437 | 3.88 | 3.0 | 0.8 | 1.7 | 12.6 | 22.2 | 0.05 | 0.18 | 0.14 | 63 | 0.38 | 0.050 |
| 1179712 | Soil | 0.80 | 29.00 | 11.47 | 90.1 | 101 | 32.2 | 13.1 | 419 | 3.41 | 4.2 | 0.9 | 3.5 | 9.6 | 31.9 | 0.09 | 0.22 | 0.11 | 57 | 0.33 | 0.057 |
| 1179713 | Soil | 0.77 | 31.33 | 19.17 | 63.9 | 130 | 23.1 | 10.4 | 303 | 2.77 | 2.0 | 1.1 | 2.4 | 5.5 | 23.8 | 0.16 | 0.10 | 0.18 | 47 | 0.21 | 0.046 |
| 1179714 | Soil | 1.35 | 46.54 | 22.17 | 86.1 | 560 | 42.6 | 12.8 | 620 | 3.29 | 5.3 | 1.9 | 10.8 | 5.9 | 74.7 | 0.28 | 0.35 | 0.28 | 62 | 0.79 | 0.077 |
| 1179715 | Soil | 1.49 | 30.84 | 28.39 | 77.6 | 152 | 39.1 | 10.1 | 242 | 3.48 | 5.7 | 0.8 | 2.0 | 8.9 | 18.3 | 0.14 | 0.33 | 0.35 | 72 | 0.18 | 0.030 |
| 1179716 | Soil | 1.22 | 30.42 | 14.63 | 76.6 | 110 | 30.5 | 9.4 | 245 | 3.05 | 5.1 | 0.9 | 9.2 | 5.9 | 22.8 | 0.13 | 0.25 | 0.16 | 67 | 0.28 | 0.064 |
| 1179717 | Soil | 1.36 | 41.98 | 14.27 | 68.0 | 371 | 39.0 | 10.6 | 408 | 2.99 | 6.9 | 2.1 | 47.9 | 5.0 | 46.7 | 0.25 | 0.35 | 0.18 | 59 | 0.55 | 0.067 |
| 1179718 | Soil | 2.14 | 62.91 | 12.31 | 97.8 | 191 | 42.4 | 10.2 | 198 | 3.58 | 5.2 | 1.8 | 6.7 | 6.7 | 106.3 | 0.24 | 0.21 | 0.15 | 62 | 0.25 | 0.064 |
| 1182766 | Soil | 1.99 | 44.21 | 13.98 | 72.6 | 43 | 64.8 | 15.4 | 480 | 3.95 | 3.7 | 1.2 | 22.2 | 9.8 | 38.5 | 0.10 | 0.12 | 0.17 | 87 | 0.37 | 0.057 |
| 1182765 | Soil | 0.95 | 47.14 | 11.29 | 68.8 | 102 | 45.6 | 14.6 | 453 | 3.16 | 5.9 | 1.2 | 6.2 | 10.0 | 48.9 | 0.09 | 0.32 | 0.16 | 56 | 0.52 | 0.068 |

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Report Date: October 02, 2011



# CERTIFICATE OF ANALYSIS DAW11000250.1

| | | Method | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga |
| | | Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm |
| | | MDL | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 |
| 1179692 | Soil | | 12.6 | 31.3 | 1.79 | 329.7 | 0.237 | <1 | 2.88 | 0.024 | 1.04 | 0.1 | 7.6 | 0.35 | <0.02 | 6 | 0.3 | 0.02 | 8.6 |
| 1179691 | Soil | | 16.6 | 27.1 | 0.50 | 321.1 | 0.058 | 2 | 1.29 | 0.021 | 0.16 | 0.2 | 3.8 | 0.10 | 0.05 | 51 | 0.6 | <0.02 | 4.0 |
| 1179693 | Soil | | 24.3 | 36.5 | 1.84 | 410.2 | 0.218 | <1 | 2.86 | 0.017 | 1.31 | 0.1 | 11.9 | 0.44 | <0.02 | 22 | 0.2 | 0.02 | 11.5 |
| 1179694 | Soil | | 16.9 | 32.6 | 0.53 | 279.5 | 0.072 | 1 | 1.41 | 0.022 | 0.13 | 0.1 | 5.8 | 0.08 | <0.02 | 34 | 0.4 | <0.02 | 4.6 |
| 1179695 | Soil | | 32.6 | 77.6 | 1.45 | 374.1 | 0.195 | 2 | 2.52 | 0.011 | 1.13 | 0.1 | 5.8 | 0.57 | <0.02 | 39 | 0.1 | 0.06 | 8.2 |
| 1179696 | Soil | | 22.0 | 46.0 | 0.66 | 184.0 | 0.104 | 2 | 1.81 | 0.007 | 0.33 | 0.2 | 5.9 | 0.18 | <0.02 | 20 | 0.2 | 0.06 | 5.1 |
| 1179697 | Soil | | 16.1 | 30.3 | 0.63 | 287.1 | 0.078 | 3 | 1.24 | 0.021 | 0.19 | 0.2 | 3.3 | 0.14 | <0.02 | 32 | 0.3 | 0.05 | 3.7 |
| 1179698 | Soil | | 14.4 | 32.5 | 0.64 | 221.3 | 0.072 | 1 | 1.58 | 0.010 | 0.10 | 0.2 | 3.1 | 0.10 | <0.02 | 13 | 0.2 | 0.04 | 4.2 |
| 1179699 | Soil | | 16.1 | 34.9 | 0.67 | 224.0 | 0.090 | 2 | 1.36 | 0.017 | 0.22 | 0.2 | 3.6 | 0.17 | <0.02 | 23 | 0.2 | 0.05 | 4.0 |
| 1179700 | Soil | | 15.1 | 32.9 | 0.73 | 252.6 | 0.097 | 2 | 1.47 | 0.019 | 0.18 | 0.2 | 4.0 | 0.14 | <0.02 | 57 | 0.4 | 0.05 | 4.3 |
| 1179701 | Soil | | 13.1 | 27.2 | 0.60 | 304.7 | 0.056 | 2 | 1.17 | 0.025 | 0.07 | 0.1 | 3.0 | 0.08 | <0.02 | 34 | 0.2 | 0.03 | 3.5 |
| 1179703 | Soil | | 14.7 | 55.6 | 0.87 | 273.1 | 0.118 | 1 | 2.00 | 0.013 | 0.34 | 0.2 | 4.6 | 0.18 | <0.02 | 25 | 0.3 | 0.04 | 5.5 |
| 1179702 | Soil | | 24.5 | 112.6 | 1.49 | 361.6 | 0.184 | <1 | 2.64 | 0.011 | 0.99 | 0.2 | 6.3 | 0.41 | <0.02 | 22 | 0.2 | 0.05 | 8.3 |
| 1179708 | Soil | | 17.8 | 34.4 | 0.64 | 248.2 | 0.115 | 2 | 1.44 | 0.013 | 0.26 | 0.1 | 4.3 | 0.18 | <0.02 | 24 | 0.3 | <0.02 | 5.6 |
| 1179709 | Soil | | 23.2 | 37.2 | 0.67 | 387.3 | 0.111 | 2 | 1.62 | 0.015 | 0.25 | 0.2 | 6.9 | 0.16 | <0.02 | 50 | 0.3 | 0.04 | 5.3 |
| 1179710 | Soil | | 14.3 | 34.1 | 0.61 | 238.6 | 0.098 | 2 | 1.47 | 0.011 | 0.27 | 0.1 | 3.6 | 0.16 | <0.02 | 20 | 0.2 | <0.02 | 5.0 |
| 1179704 | Soil | | 27.9 | 60.8 | 1.26 | 263.9 | 0.256 | 1 | 2.58 | 0.008 | 1.47 | <0.1 | 4.5 | 0.64 | <0.02 | 9 | 0.3 | 0.06 | 8.1 |
| 1179705 | Soil | | 25.4 | 34.8 | 0.58 | 263.8 | 0.087 | 1 | 1.53 | 0.011 | 0.14 | 0.1 | 3.6 | 0.12 | <0.02 | 38 | 0.3 | 0.04 | 4.7 |
| 1179706 | Soil | | 28.4 | 52.9 | 1.02 | 245.8 | 0.140 | 2 | 1.93 | 0.009 | 0.56 | 0.1 | 5.1 | 0.34 | <0.02 | 12 | 0.3 | 0.04 | 6.7 |
| 1179707 | Soil | | 16.0 | 41.6 | 1.09 | 271.0 | 0.156 | <1 | 1.88 | 0.009 | 0.58 | 0.1 | 5.9 | 0.28 | <0.02 | 24 | 0.3 | 0.03 | 6.6 |
| 1179711 | Soil | | 30.5 | 63.1 | 1.25 | 298.5 | 0.182 | 1 | 2.47 | 0.006 | 0.80 | <0.1 | 4.4 | 0.45 | <0.02 | <5 | 0.2 | <0.02 | 8.3 |
| 1179712 | Soil | | 29.0 | 55.0 | 0.82 | 297.6 | 0.136 | <1 | 1.80 | 0.007 | 0.48 | 0.1 | 3.7 | 0.32 | <0.02 | 16 | 0.2 | 0.04 | 6.1 |
| 1179713 | Soil | | 24.0 | 38.8 | 0.57 | 207.7 | 0.128 | 1 | 1.46 | 0.009 | 0.43 | <0.1 | 2.6 | 0.30 | 0.02 | 24 | 0.3 | 0.05 | 6.3 |
| 1179714 | Soil | | 53.9 | 51.1 | 0.73 | 486.9 | 0.074 | 2 | 1.91 | 0.008 | 0.31 | 0.1 | 5.6 | 0.22 | 0.04 | 66 | 0.5 | 0.06 | 5.7 |
| 1179715 | Soil | | 12.8 | 44.4 | 0.74 | 189.7 | 0.122 | 1 | 1.61 | 0.007 | 0.38 | 0.1 | 3.7 | 0.26 | <0.02 | 8 | 0.4 | 0.06 | 6.0 |
| 1179716 | Soil | | 18.4 | 47.9 | 0.82 | 263.8 | 0.115 | 1 | 1.72 | 0.005 | 0.43 | 0.1 | 3.7 | 0.26 | <0.02 | 22 | 0.3 | 0.06 | 6.0 |
| 1179717 | Soil | | 35.9 | 46.0 | 0.67 | 604.1 | 0.065 | 1 | 1.65 | 0.008 | 0.25 | 0.1 | 5.6 | 0.19 | 0.03 | 67 | 0.4 | 0.06 | 5.3 |
| 1179718 | Soil | | 17.9 | 38.2 | 0.56 | 324.1 | 0.044 | 1 | 1.27 | 0.016 | 0.38 | <0.1 | 4.9 | 0.23 | 0.23 | 27 | 1.5 | 0.07 | 4.0 |
| 1182766 | Soil | | 25.7 | 99.8 | 1.55 | 311.2 | 0.181 | <1 | 2.53 | 0.003 | 0.81 | 0.2 | 4.9 | 0.49 | 0.04 | 9 | 0.4 | 0.06 | 8.3 |
| 1182765 | Soil | | 28.0 | 44.6 | 0.83 | 275.9 | 0.110 | 2 | 1.52 | 0.021 | 0.44 | 0.1 | 4.6 | 0.28 | 0.04 | 31 | 0.5 | 0.04 | 5.0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 | 0.001 |
| 1182764 | Soil | 1.78 | 53.37 | 9.53 | 68.6 | 345 | 72.2 | 17.8 | 497 | 3.15 | 4.3 | 2.3 | 18.8 | 5.8 | 54.8 | 0.22 | 0.28 | 0.14 | 60 | 0.72 | 0.083 |
| 1182767 | Soil | 0.77 | 43.53 | 9.41 | 63.1 | 53 | 60.6 | 17.1 | 373 | 3.37 | 7.1 | 1.1 | 5.6 | 8.0 | 30.2 | 0.06 | 0.23 | 0.11 | 65 | 0.44 | 0.088 |
| 1182770 | Soil | 1.23 | 29.79 | 11.52 | 64.6 | 98 | 33.3 | 11.8 | 306 | 3.11 | 6.0 | 1.0 | 4.5 | 6.2 | 22.4 | 0.12 | 0.28 | 0.14 | 59 | 0.24 | 0.059 |
| 1182769 | Soil | 1.03 | 37.71 | 17.54 | 58.9 | 68 | 41.9 | 15.2 | 346 | 3.05 | 7.0 | 1.2 | 8.1 | 6.9 | 24.7 | 0.07 | 0.26 | 0.17 | 64 | 0.30 | 0.060 |
| 1182772 | Soil | 1.19 | 27.09 | 9.27 | 68.8 | 71 | 38.3 | 14.2 | 376 | 3.27 | 5.7 | 0.7 | 3.5 | 6.9 | 28.9 | 0.06 | 0.26 | 0.12 | 56 | 0.30 | 0.089 |
| 1182768 | Soil | 0.97 | 31.66 | 14.77 | 50.5 | 77 | 40.7 | 12.6 | 273 | 2.62 | 11.2 | 1.1 | 7.9 | 4.9 | 25.8 | 0.05 | 0.38 | 0.13 | 55 | 0.31 | 0.063 |
| 1182771 | Soil | 1.42 | 29.07 | 11.99 | 55.6 | 102 | 28.9 | 10.5 | 343 | 2.98 | 6.9 | 0.9 | 9.8 | 5.5 | 24.2 | 0.07 | 0.34 | 0.15 | 60 | 0.29 | 0.078 |
| 1182760 | Soil | 2.24 | 86.68 | 30.79 | 95.7 | 82 | 51.2 | 14.4 | 428 | 3.93 | 4.6 | 2.2 | 16.7 | 11.3 | 69.8 | 0.15 | 0.26 | 0.27 | 81 | 0.74 | 0.296 |
| 1182773 | Soil | 1.25 | 29.74 | 9.52 | 61.7 | 49 | 28.5 | 11.8 | 291 | 3.24 | 7.2 | 0.9 | 2.2 | 7.7 | 15.7 | 0.07 | 0.43 | 0.15 | 55 | 0.15 | 0.023 |
| 1182762 | Soil | 0.95 | 28.71 | 9.25 | 54.9 | 60 | 25.0 | 10.5 | 211 | 2.67 | 7.0 | 1.1 | 2.4 | 5.8 | 19.0 | 0.09 | 0.32 | 0.14 | 52 | 0.21 | 0.050 |
| 1182785 | Soil | 1.25 | 33.79 | 7.78 | 83.3 | 41 | 44.1 | 18.1 | 468 | 4.20 | 3.5 | 1.1 | 3.0 | 9.3 | 17.1 | 0.08 | 0.20 | 0.19 | 77 | 0.18 | 0.033 |
| 1182752 | Soil | 1.39 | 43.57 | 12.82 | 81.3 | 38 | 35.4 | 15.2 | 489 | 3.97 | 5.1 | 1.7 | 6.5 | 9.4 | 24.6 | 0.05 | 0.33 | 0.15 | 78 | 0.31 | 0.044 |
| 1183235 | Soil | 1.37 | 44.02 | 12.64 | 78.2 | 32 | 35.7 | 14.6 | 499 | 3.93 | 4.9 | 1.8 | 7.3 | 9.6 | 25.8 | 0.07 | 0.33 | 0.13 | 76 | 0.32 | 0.045 |
| 1182753 | Soil | 1.35 | 45.91 | 8.20 | 100.0 | 46 | 43.8 | 16.7 | 570 | 4.62 | 4.3 | 1.4 | 4.2 | 12.1 | 28.9 | 0.15 | 0.26 | 0.12 | 90 | 0.28 | 0.040 |
| 1182754 | Soil | 2.55 | 72.36 | 20.84 | 132.8 | 42 | 53.2 | 17.5 | 714 | 4.98 | 4.6 | 1.9 | 2.1 | 13.9 | 54.5 | 0.25 | 0.31 | 0.24 | 91 | 0.35 | 0.124 |
| 1182755 | Soil | 0.92 | 29.03 | 8.16 | 56.0 | 84 | 26.1 | 10.3 | 271 | 3.00 | 6.2 | 1.5 | 12.7 | 6.6 | 24.8 | 0.05 | 0.33 | 0.13 | 64 | 0.30 | 0.036 |
| 1182756 | Soil | 2.06 | 83.84 | 14.09 | 99.1 | 96 | 89.6 | 21.0 | 530 | 4.46 | 5.0 | 1.3 | 11.4 | 5.7 | 47.3 | 0.14 | 0.31 | 0.14 | 96 | 0.72 | 0.216 |
| 1182758 | Soil | 1.31 | 71.36 | 8.05 | 84.6 | 63 | 88.7 | 17.9 | 395 | 3.80 | 8.3 | 1.6 | 2.4 | 7.1 | 35.6 | 0.08 | 0.21 | 0.14 | 95 | 0.50 | 0.147 |
| 1182761 | Soil | 1.60 | 92.63 | 18.54 | 122.2 | 87 | 54.4 | 17.0 | 494 | 4.85 | 3.0 | 1.9 | 2.4 | 8.9 | 45.3 | 0.12 | 0.18 | 0.27 | 117 | 0.65 | 0.222 |
| 1182759 | Soil | 1.21 | 32.81 | 9.07 | 68.5 | 56 | 30.4 | 11.4 | 277 | 3.15 | 6.1 | 1.2 | 1.6 | 6.8 | 26.4 | 0.08 | 0.26 | 0.14 | 63 | 0.31 | 0.076 |
| 1182757 | Soil | 2.05 | 64.82 | 12.26 | 78.5 | 53 | 53.0 | 15.3 | 521 | 3.55 | 9.4 | 1.9 | 5.8 | 7.7 | 38.8 | 0.13 | 0.34 | 0.15 | 73 | 0.57 | 0.169 |
| 1182763 | Soil | 1.00 | 35.15 | 7.74 | 74.8 | 46 | 31.3 | 15.5 | 239 | 3.10 | 4.3 | 1.2 | 3.0 | 8.9 | 21.0 | 0.09 | 0.20 | 0.13 | 55 | 0.21 | 0.052 |
| 1181393 | Soil | 1.51 | 28.02 | 12.54 | 61.3 | 100 | 27.3 | 10.4 | 360 | 2.83 | 7.3 | 1.1 | 4.4 | 5.2 | 35.2 | 0.14 | 0.27 | 0.17 | 60 | 0.55 | 0.080 |
| 1181394 | Soil | 1.09 | 32.06 | 14.46 | 57.0 | 115 | 26.9 | 11.5 | 359 | 2.82 | 7.8 | 1.3 | 6.1 | 4.4 | 39.0 | 0.14 | 0.33 | 0.27 | 60 | 0.69 | 0.083 |
| 1181395 | Soil | 1.14 | 30.42 | 14.02 | 61.5 | 82 | 29.0 | 11.9 | 364 | 3.05 | 8.0 | 1.2 | 3.4 | 4.8 | 42.3 | 0.13 | 0.43 | 0.23 | 65 | 0.69 | 0.081 |
| 1181396 | Soil | 0.50 | 21.57 | 6.20 | 79.9 | 38 | 29.9 | 15.1 | 467 | 4.06 | 1.8 | 0.7 | 2.4 | 10.2 | 27.4 | 0.11 | 0.09 | 0.17 | 70 | 0.52 | 0.058 |
| 1181398 | Soil | 1.95 | 38.49 | 14.60 | 80.0 | 43 | 36.7 | 11.5 | 271 | 3.50 | 6.7 | 1.2 | 6.2 | 7.6 | 25.1 | 0.14 | 0.27 | 0.17 | 59 | 0.32 | 0.062 |
| 1181397 | Soil | 2.52 | 41.43 | 18.39 | 83.6 | 94 | 35.3 | 10.7 | 386 | 3.37 | 7.7 | 1.6 | 3.5 | 6.6 | 31.0 | 0.17 | 0.24 | 0.22 | 51 | 0.38 | 0.062 |
| 1181399 | Soil | 1.16 | 43.26 | 17.86 | 102.6 | 30 | 43.0 | 14.8 | 412 | 4.43 | 3.1 | 1.0 | 2.7 | 16.6 | 24.2 | 0.07 | 0.16 | 0.17 | 69 | 0.33 | 0.071 |
| 1181400 | Soil | 1.82 | 31.88 | 15.25 | 75.8 | 147 | 45.8 | 10.6 | 437 | 3.29 | 6.3 | 1.2 | 12.3 | 5.4 | 34.1 | 0.19 | 0.18 | 0.17 | 58 | 0.40 | 0.069 |

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Project: WHT
Report Date: October 02, 2011



# CERTIFICATE OF ANALYSIS DAW11000250.1

| | Method | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga |
| | Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm |
| | MDL | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 |
| 1182764 | Soil | 38.6 | 112.7 | 0.96 | 343.2 | 0.109 | 1 | 1.75 | 0.012 | 0.34 | 0.1 | 6.3 | 0.23 | 0.03 | 67 | 0.3 | 0.04 | 6.0 |
| 1182767 | Soil | 24.2 | 79.3 | 1.01 | 317.4 | 0.123 | 1 | 1.85 | 0.008 | 0.44 | 0.2 | 4.3 | 0.26 | <0.02 | 11 | 0.3 | 0.02 | 6.0 |
| 1182770 | Soil | 20.6 | 46.9 | 0.74 | 224.0 | 0.107 | <1 | 1.71 | 0.007 | 0.28 | 0.2 | 3.6 | 0.21 | <0.02 | 30 | 0.3 | 0.04 | 5.7 |
| 1182769 | Soil | 21.6 | 60.9 | 0.84 | 287.4 | 0.111 | <1 | 1.67 | 0.006 | 0.32 | <0.1 | 4.9 | 0.19 | <0.02 | 27 | 0.3 | 0.07 | 5.6 |
| 1182772 | Soil | 19.2 | 45.2 | 0.78 | 192.7 | 0.132 | <1 | 1.83 | 0.005 | 0.39 | 0.1 | 3.0 | 0.24 | <0.02 | 13 | 0.2 | 0.04 | 5.9 |
| 1182768 | Soil | 17.1 | 57.0 | 0.71 | 222.7 | 0.078 | <1 | 1.49 | 0.008 | 0.11 | 0.1 | 3.7 | 0.11 | <0.02 | 36 | 0.3 | 0.06 | 4.4 |
| 1182771 | Soil | 17.8 | 44.3 | 0.64 | 238.2 | 0.098 | <1 | 1.49 | 0.005 | 0.31 | 0.2 | 3.3 | 0.18 | <0.02 | 13 | 0.3 | 0.05 | 5.2 |
| 1182760 | Soil | 35.0 | 78.0 | 1.04 | 401.4 | 0.098 | <1 | 2.00 | 0.008 | 0.75 | <0.1 | 5.3 | 0.36 | 0.11 | 28 | 0.8 | 0.13 | 6.8 |
| 1182773 | Soil | 14.6 | 39.3 | 0.64 | 207.2 | 0.085 | <1 | 1.88 | 0.004 | 0.30 | 0.1 | 2.8 | 0.20 | <0.02 | 16 | 0.3 | 0.03 | 5.0 |
| 1182762 | Soil | 18.6 | 33.7 | 0.57 | 178.1 | 0.067 | 1 | 1.62 | 0.007 | 0.12 | 0.2 | 2.8 | 0.12 | <0.02 | 11 | 0.3 | 0.04 | 4.6 |
| 1182785 | Soil | 23.5 | 64.9 | 1.07 | 285.1 | 0.174 | <1 | 2.36 | 0.005 | 0.82 | <0.1 | 4.9 | 0.44 | <0.02 | 15 | 0.2 | 0.05 | 7.7 |
| 1182752 | Soil | 33.4 | 54.2 | 0.93 | 357.6 | 0.128 | 1 | 2.04 | 0.010 | 0.45 | <0.1 | 6.8 | 0.34 | <0.02 | 31 | 0.2 | 0.07 | 6.9 |
| 1183235 | Soil | 34.3 | 53.6 | 0.92 | 368.2 | 0.127 | 1 | 2.01 | 0.011 | 0.44 | <0.1 | 7.0 | 0.34 | <0.02 | 29 | 0.3 | 0.07 | 6.5 |
| 1182753 | Soil | 30.9 | 64.3 | 1.13 | 313.6 | 0.162 | <1 | 2.11 | 0.008 | 0.85 | <0.1 | 8.3 | 0.49 | <0.02 | 58 | 0.2 | 0.19 | 8.3 |
| 1182754 | Soil | 38.1 | 70.6 | 1.06 | 447.1 | 0.144 | <1 | 2.22 | 0.006 | 0.94 | <0.1 | 7.5 | 0.60 | 0.05 | 12 | 0.5 | 0.08 | 7.8 |
| 1182755 | Soil | 27.0 | 42.1 | 0.69 | 276.3 | 0.093 | 1 | 1.68 | 0.011 | 0.17 | 0.1 | 5.7 | 0.15 | <0.02 | 40 | 0.2 | 0.05 | 5.1 |
| 1182756 | Soil | 27.9 | 147.5 | 1.58 | 385.6 | 0.118 | <1 | 2.29 | 0.010 | 0.96 | <0.1 | 6.2 | 0.43 | <0.02 | 32 | 0.4 | 0.10 | 9.8 |
| 1182758 | Soil | 30.5 | 123.2 | 1.62 | 448.3 | 0.130 | <1 | 2.51 | 0.011 | 0.64 | 0.1 | 5.9 | 0.28 | 0.02 | 28 | 0.5 | 0.06 | 8.5 |
| 1182761 | Soil | 43.7 | 115.6 | 1.67 | 708.9 | 0.190 | <1 | 3.13 | 0.010 | 1.14 | 0.1 | 7.6 | 0.45 | 0.08 | 15 | 0.5 | 0.10 | 11.4 |
| 1182759 | Soil | 23.7 | 48.0 | 0.77 | 246.1 | 0.111 | 1 | 1.80 | 0.010 | 0.32 | 0.1 | 4.1 | 0.22 | <0.02 | <5 | 0.3 | 0.04 | 6.2 |
| 1182757 | Soil | 25.7 | 65.3 | 0.86 | 341.3 | 0.091 | 1 | 1.69 | 0.013 | 0.33 | 0.1 | 5.9 | 0.26 | <0.02 | 21 | 0.5 | 0.16 | 5.9 |
| 1182763 | Soil | 28.8 | 41.8 | 0.77 | 239.4 | 0.100 | <1 | 1.90 | 0.009 | 0.37 | 0.1 | 3.4 | 0.27 | 0.02 | 8 | <0.1 | 0.05 | 6.3 |
| 1181393 | Soil | 17.5 | 39.6 | 0.53 | 431.5 | 0.056 | <1 | 1.39 | 0.012 | 0.08 | 0.2 | 4.1 | 0.09 | <0.02 | 20 | 0.3 | 0.02 | 4.9 |
| 1181394 | Soil | 17.9 | 38.3 | 0.54 | 392.9 | 0.063 | <1 | 1.44 | 0.016 | 0.07 | 0.2 | 4.3 | 0.07 | <0.02 | 43 | 0.3 | <0.02 | 5.0 |
| 1181395 | Soil | 18.3 | 45.5 | 0.60 | 411.8 | 0.071 | 1 | 1.55 | 0.015 | 0.09 | 0.2 | 4.7 | 0.10 | <0.02 | 40 | 0.3 | 0.03 | 5.7 |
| 1181396 | Soil | 24.9 | 41.7 | 1.57 | 594.5 | 0.151 | <1 | 2.71 | 0.006 | 1.07 | <0.1 | 4.9 | 0.47 | <0.02 | 11 | 0.1 | <0.02 | 7.8 |
| 1181398 | Soil | 21.6 | 37.7 | 0.48 | 486.5 | 0.046 | <1 | 1.37 | 0.009 | 0.17 | <0.1 | 5.2 | 0.14 | <0.02 | 10 | 0.3 | 0.09 | 4.5 |
| 1181397 | Soil | 20.4 | 31.6 | 0.34 | 543.5 | 0.027 | <1 | 1.23 | 0.007 | 0.20 | <0.1 | 5.4 | 0.15 | <0.02 | 24 | 0.4 | 0.05 | 4.1 |
| 1181399 | Soil | 48.6 | 62.0 | 1.01 | 362.3 | 0.170 | <1 | 2.52 | 0.007 | 1.00 | <0.1 | 8.1 | 0.55 | <0.02 | 27 | 0.1 | 0.06 | 10.1 |
| 1181400 | Soil | 21.3 | 49.1 | 0.55 | 476.7 | 0.055 | 1 | 1.48 | 0.009 | 0.22 | 0.1 | 4.9 | 0.18 | <0.02 | 45 | 0.2 | 0.04 | 5.4 |

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Project: WHT
Report Date: October 02, 2011



# CERTIFICATE OF ANALYSIS DAW11000250.1

| | Method | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 | 0.001 |
| 1183351 | Soil | 1.85 | 23.42 | 14.65 | 64.1 | 91 | 30.1 | 8.6 | 362 | 2.94 | 5.0 | 0.7 | 1.2 | 5.1 | 35.8 | 0.11 | 0.18 | 0.16 | 66 | 0.36 | 0.083 |
| 1183352 | Soil | 1.73 | 37.58 | 24.34 | 82.6 | 80 | 36.0 | 11.3 | 324 | 3.33 | 5.1 | 1.1 | 4.2 | 8.6 | 37.1 | 0.13 | 0.22 | 0.18 | 83 | 0.33 | 0.070 |
| 1183358 | Soil | 1.86 | 37.39 | 13.02 | 93.1 | 73 | 40.3 | 17.3 | 943 | 4.14 | 4.0 | 0.8 | 1.5 | 11.2 | 26.2 | 0.18 | 0.21 | 0.13 | 66 | 0.35 | 0.107 |
| 1183359 | Soil | 1.26 | 42.43 | 15.07 | 66.5 | 71 | 46.3 | 12.7 | 375 | 3.49 | 9.3 | 1.4 | 6.8 | 7.4 | 37.3 | 0.20 | 0.37 | 0.16 | 77 | 0.48 | 0.090 |
| 1183360 | Soil | 1.56 | 28.84 | 13.49 | 56.7 | 91 | 32.6 | 11.0 | 418 | 3.12 | 10.2 | 1.0 | 6.3 | 6.7 | 29.5 | 0.18 | 0.56 | 0.12 | 65 | 0.38 | 0.072 |
| 1183361 | Soil | 1.82 | 42.37 | 12.84 | 85.8 | 48 | 43.3 | 13.1 | 457 | 3.92 | 4.4 | 1.3 | 1.2 | 9.5 | 28.9 | 0.10 | 0.18 | 0.12 | 62 | 0.35 | 0.094 |
| 1183362 | Soil | 1.57 | 38.69 | 12.49 | 59.7 | 111 | 42.3 | 14.8 | 507 | 3.52 | 7.4 | 1.3 | 5.3 | 6.6 | 45.7 | 0.13 | 0.26 | 0.15 | 81 | 0.69 | 0.085 |
| 1183363 | Soil | 1.28 | 38.58 | 11.90 | 61.6 | 186 | 49.0 | 13.3 | 746 | 3.09 | 8.8 | 2.1 | 4.3 | 5.7 | 50.7 | 0.18 | 0.36 | 0.17 | 67 | 0.75 | 0.084 |
| 1183364 | Soil | 1.42 | 42.54 | 12.02 | 67.9 | 154 | 46.0 | 14.3 | 596 | 3.48 | 8.8 | 1.9 | 8.3 | 6.9 | 53.6 | 0.19 | 0.35 | 0.17 | 70 | 0.73 | 0.109 |
| 1183365 | Soil | 1.77 | 48.92 | 23.18 | 76.8 | 146 | 53.6 | 15.5 | 602 | 3.81 | 8.9 | 1.6 | 7.0 | 8.9 | 47.0 | 0.16 | 0.32 | 0.23 | 83 | 0.66 | 0.122 |
| 1183366 | Soil | 1.38 | 40.89 | 12.33 | 76.1 | 138 | 64.4 | 15.9 | 644 | 3.68 | 8.0 | 1.2 | 9.8 | 5.3 | 76.0 | 0.18 | 0.27 | 0.16 | 73 | 0.98 | 0.136 |
| 1183367 | Soil | 1.44 | 66.79 | 11.98 | 97.2 | 32 | 80.7 | 24.1 | 670 | 5.17 | 7.4 | 1.0 | 1.8 | 8.3 | 27.6 | 0.09 | 0.31 | 0.11 | 77 | 0.36 | 0.037 |
| 1183355 | Soil | 1.85 | 35.70 | 14.43 | 85.8 | 54 | 42.8 | 14.6 | 430 | 4.46 | 3.0 | 0.9 | 18.4 | 11.8 | 28.1 | 0.10 | 0.12 | 0.12 | 75 | 0.31 | 0.088 |
| 1183354 | Soil | 1.28 | 30.25 | 14.19 | 85.4 | 34 | 35.9 | 11.9 | 323 | 3.38 | 5.8 | 0.7 | 2.7 | 6.4 | 24.0 | 0.08 | 0.28 | 0.14 | 75 | 0.24 | 0.053 |
| 1183356 | Soil | 1.93 | 38.22 | 15.25 | 71.5 | 98 | 40.2 | 13.3 | 468 | 3.44 | 5.8 | 1.1 | 2.0 | 7.3 | 57.3 | 0.12 | 0.25 | 0.16 | 74 | 0.53 | 0.126 |
| 1183357 | Soil | 1.57 | 28.15 | 11.94 | 61.9 | 82 | 29.1 | 11.5 | 452 | 3.15 | 7.2 | 1.0 | 4.8 | 6.7 | 32.7 | 0.09 | 0.34 | 0.13 | 66 | 0.37 | 0.061 |
| 1183353 | Soil | 1.46 | 39.37 | 18.65 | 94.9 | 46 | 41.7 | 12.6 | 366 | 3.88 | 7.0 | 1.2 | 5.5 | 8.0 | 34.7 | 0.14 | 0.26 | 0.20 | 81 | 0.38 | 0.081 |
| 1183368 | Soil | 2.22 | 87.09 | 19.26 | 104.1 | 71 | 80.8 | 25.3 | 1225 | 5.21 | 13.7 | 2.0 | 5.4 | 10.7 | 31.3 | 0.23 | 0.53 | 0.21 | 110 | 0.61 | 0.142 |
| 1183369 | Soil | 2.27 | 90.41 | 19.86 | 110.4 | 74 | 84.7 | 25.5 | 1211 | 5.26 | 14.1 | 2.0 | 3.8 | 10.2 | 31.9 | 0.22 | 0.55 | 0.21 | 115 | 0.60 | 0.131 |
| 1179675 | Soil | 0.84 | 40.94 | 8.51 | 76.8 | 281 | 135.8 | 16.5 | 472 | 2.65 | 25.8 | 1.3 | 3.7 | 2.6 | 37.0 | 0.34 | 0.99 | 0.12 | 54 | 0.88 | 0.047 |
| 1179676 | Soil | 1.25 | 61.14 | 8.24 | 91.5 | 188 | 103.9 | 17.4 | 305 | 2.94 | 25.2 | 0.8 | 3.7 | 3.4 | 19.3 | 0.16 | 0.56 | 0.13 | 68 | 0.29 | 0.036 |
| 1179677 | Soil | 1.50 | 52.25 | 9.51 | 89.3 | 200 | 86.4 | 16.4 | 292 | 2.76 | 13.0 | 0.8 | 2.0 | 3.3 | 18.8 | 0.15 | 0.33 | 0.13 | 62 | 0.33 | 0.042 |
| 1179678 | Soil | 1.29 | 60.93 | 6.57 | 82.2 | 389 | 81.6 | 18.2 | 1536 | 2.56 | 9.7 | 2.2 | 3.7 | 1.9 | 59.9 | 0.35 | 0.38 | 0.12 | 53 | 1.45 | 0.062 |
| 1179679 | Soil | 3.01 | 39.84 | 14.43 | 79.5 | 135 | 66.6 | 15.6 | 833 | 2.95 | 54.7 | 4.6 | 7.1 | 5.2 | 89.4 | 0.28 | 1.36 | 0.13 | 56 | 1.08 | 0.068 |
| 1179684 | Soil | 0.81 | 43.23 | 13.55 | 60.5 | 131 | 43.7 | 11.6 | 332 | 2.85 | 37.2 | 0.7 | 6.4 | 4.3 | 28.9 | 0.09 | 0.85 | 0.14 | 64 | 0.42 | 0.064 |
| 1179685 | Soil | 1.35 | 58.02 | 31.44 | 75.5 | 448 | 48.8 | 11.4 | 275 | 2.89 | 43.3 | 1.1 | 8.1 | 4.4 | 28.5 | 0.14 | 1.93 | 0.21 | 56 | 0.33 | 0.047 |
| 1179680 | Soil | 1.00 | 41.41 | 9.19 | 110.5 | 163 | 78.7 | 15.2 | 685 | 2.87 | 15.6 | 0.5 | 0.9 | 3.4 | 34.3 | 0.35 | 0.55 | 0.14 | 57 | 0.45 | 0.051 |
| 1179681 | Soil | 1.70 | 64.26 | 14.08 | 96.7 | 243 | 49.9 | 11.7 | 427 | 3.11 | 25.3 | 1.9 | 3.6 | 6.8 | 37.1 | 0.18 | 0.46 | 0.19 | 73 | 0.33 | 0.055 |
| 1179683 | Soil | 1.42 | 42.64 | 22.15 | 89.8 | 193 | 56.3 | 13.1 | 607 | 3.31 | 197.3 | 0.9 | 2.2 | 4.3 | 33.7 | 0.23 | 3.85 | 0.20 | 70 | 0.43 | 0.040 |
| 1179682 | Soil | 0.99 | 25.80 | 10.77 | 69.2 | 142 | 43.1 | 12.7 | 464 | 2.90 | 94.8 | 0.6 | 1.2 | 3.8 | 26.1 | 0.14 | 2.08 | 0.15 | 59 | 0.34 | 0.034 |

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Project: WHT
Report Date: October 02, 2011



# CERTIFICATE OF ANALYSIS DAW11000250.1

| | Method | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga |
| | Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm |
| | MDL | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 |
| 1183351 | Soil | 20.0 | 45.3 | 0.70 | 214.8 | 0.080 | <1 | 1.46 | 0.009 | 0.32 | 0.1 | 3.5 | 0.21 | 0.03 | 6 | 0.3 | 0.03 | 5.8 |
| 1183352 | Soil | 23.4 | 58.9 | 0.89 | 271.2 | 0.123 | <1 | 1.79 | 0.010 | 0.50 | 0.1 | 4.8 | 0.30 | 0.04 | 13 | 0.4 | 0.02 | 6.8 |
| 1183358 | Soil | 31.3 | 51.8 | 1.06 | 382.7 | 0.173 | <1 | 2.23 | 0.006 | 0.91 | 0.1 | 5.2 | 0.36 | <0.02 | 17 | 0.4 | 0.03 | 8.6 |
| 1183359 | Soil | 33.4 | 71.6 | 0.92 | 393.6 | 0.084 | 1 | 1.86 | 0.013 | 0.23 | 0.1 | 7.4 | 0.17 | <0.02 | 67 | 0.3 | 0.04 | 6.5 |
| 1183360 | Soil | 22.7 | 51.2 | 0.68 | 410.4 | 0.081 | 1 | 1.61 | 0.012 | 0.18 | 0.1 | 4.8 | 0.13 | <0.02 | 29 | 0.2 | 0.04 | 5.9 |
| 1183361 | Soil | 31.3 | 46.2 | 0.69 | 306.4 | 0.054 | 1 | 1.53 | 0.007 | 0.33 | <0.1 | 5.1 | 0.21 | <0.02 | 13 | 0.2 | 0.08 | 5.5 |
| 1183362 | Soil | 26.2 | 67.4 | 0.89 | 414.5 | 0.078 | <1 | 1.98 | 0.015 | 0.19 | 0.1 | 6.9 | 0.16 | <0.02 | 25 | 0.3 | 0.03 | 7.0 |
| 1183363 | Soil | 27.8 | 63.3 | 0.86 | 444.7 | 0.075 | <1 | 1.86 | 0.015 | 0.09 | 0.2 | 5.9 | 0.12 | <0.02 | 37 | 0.3 | 0.03 | 6.6 |
| 1183364 | Soil | 29.0 | 58.9 | 0.80 | 491.6 | 0.078 | 1 | 1.91 | 0.014 | 0.14 | 0.2 | 6.6 | 0.15 | <0.02 | 44 | 0.3 | 0.06 | 6.2 |
| 1183365 | Soil | 32.1 | 75.0 | 1.01 | 382.9 | 0.087 | <1 | 2.02 | 0.011 | 0.25 | 0.1 | 7.2 | 0.18 | <0.02 | 30 | 0.3 | 0.05 | 7.4 |
| 1183366 | Soil | 24.3 | 70.6 | 0.93 | 434.7 | 0.082 | 2 | 1.81 | 0.013 | 0.25 | 0.1 | 6.1 | 0.14 | 0.02 | 42 | 0.2 | 0.04 | 7.5 |
| 1183367 | Soil | 23.7 | 99.5 | 1.34 | 400.9 | 0.179 | <1 | 2.66 | 0.009 | 1.10 | <0.1 | 7.7 | 0.45 | <0.02 | 9 | 0.2 | <0.02 | 9.7 |
| 1183355 | Soil | 42.3 | 58.2 | 1.25 | 634.1 | 0.171 | <1 | 2.64 | 0.005 | 0.97 | <0.1 | 5.6 | 0.52 | <0.02 | <5 | 0.4 | 0.08 | 9.9 |
| 1183354 | Soil | 17.7 | 51.7 | 0.88 | 311.0 | 0.138 | <1 | 2.06 | 0.007 | 0.55 | <0.1 | 3.8 | 0.31 | <0.02 | 6 | 0.3 | 0.06 | 6.3 |
| 1183356 | Soil | 30.4 | 64.3 | 0.88 | 373.5 | 0.105 | <1 | 2.08 | 0.011 | 0.29 | 0.1 | 4.5 | 0.24 | 0.04 | 8 | 0.2 | 0.04 | 7.9 |
| 1183357 | Soil | 23.2 | 49.1 | 0.69 | 349.8 | 0.090 | <1 | 1.70 | 0.012 | 0.16 | <0.1 | 4.5 | 0.16 | <0.02 | 21 | 0.2 | 0.02 | 5.8 |
| 1183353 | Soil | 25.9 | 66.0 | 1.15 | 420.3 | 0.176 | 2 | 2.25 | 0.008 | 0.70 | 0.1 | 5.3 | 0.42 | <0.02 | 19 | 0.4 | 0.04 | 7.9 |
| 1183368 | Soil | 37.5 | 86.0 | 1.27 | 613.4 | 0.131 | 1 | 2.26 | 0.008 | 0.84 | <0.1 | 11.2 | 0.39 | <0.02 | 48 | 0.5 | 0.12 | 8.2 |
| 1183369 | Soil | 36.1 | 89.9 | 1.27 | 620.7 | 0.132 | 1 | 2.32 | 0.008 | 0.83 | <0.1 | 11.3 | 0.36 | <0.02 | 51 | 0.6 | 0.13 | 8.5 |
| 1179675 | Soil | 12.2 | 121.0 | 1.14 | 449.4 | 0.069 | 2 | 1.50 | 0.013 | 0.14 | <0.1 | 5.3 | 0.15 | 0.03 | 72 | 0.7 | 0.03 | 4.4 |
| 1179676 | Soil | 10.6 | 93.9 | 1.19 | 358.2 | 0.103 | 1 | 1.73 | 0.013 | 0.21 | 0.1 | 4.3 | 0.22 | 0.03 | 26 | 0.5 | 0.03 | 5.7 |
| 1179677 | Soil | 11.3 | 92.2 | 1.16 | 272.8 | 0.102 | 1 | 1.63 | 0.012 | 0.20 | <0.1 | 3.5 | 0.17 | 0.04 | 21 | 0.4 | 0.04 | 5.7 |
| 1179678 | Soil | 14.9 | 97.3 | 0.93 | 477.7 | 0.057 | 2 | 1.57 | 0.015 | 0.12 | <0.1 | 5.5 | 0.17 | 0.07 | 76 | 0.6 | 0.05 | 4.8 |
| 1179679 | Soil | 19.3 | 61.2 | 0.96 | 401.2 | 0.082 | 3 | 1.33 | 0.019 | 0.20 | 0.2 | 4.4 | 0.24 | 0.09 | 62 | 1.3 | 0.05 | 4.4 |
| 1179684 | Soil | 14.7 | 40.2 | 0.60 | 296.3 | 0.073 | 1 | 1.38 | 0.015 | 0.17 | 0.2 | 4.8 | 0.14 | <0.02 | 46 | 0.4 | 0.04 | 4.1 |
| 1179685 | Soil | 15.1 | 35.1 | 0.44 | 316.5 | 0.046 | 1 | 1.24 | 0.010 | 0.13 | 0.1 | 5.0 | 0.13 | <0.02 | 124 | 0.5 | 0.05 | 3.8 |
| 1179680 | Soil | 11.6 | 83.4 | 1.00 | 448.1 | 0.090 | 3 | 1.69 | 0.015 | 0.36 | 0.1 | 4.4 | 0.15 | 0.03 | 13 | 0.4 | 0.03 | 5.1 |
| 1179681 | Soil | 21.3 | 55.8 | 1.17 | 485.5 | 0.120 | 2 | 1.93 | 0.013 | 0.57 | <0.1 | 5.3 | 0.34 | 0.10 | 30 | 0.9 | 0.07 | 6.3 |
| 1179683 | Soil | 15.5 | 55.8 | 0.71 | 598.7 | 0.080 | 3 | 1.64 | 0.011 | 0.35 | 0.1 | 5.6 | 0.25 | 0.04 | 42 | 0.6 | 0.09 | 5.1 |
| 1179682 | Soil | 12.7 | 46.3 | 0.64 | 360.7 | 0.074 | 2 | 1.49 | 0.010 | 0.30 | 0.2 | 4.9 | 0.16 | <0.02 | 25 | 0.2 | 0.03 | 4.5 |

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Project: WHT
Report Date: October 02, 2011



# CERTIFICATE OF ANALYSIS DAW11000250.1

| | Method | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 | 0.001 |
| 1179686 | Soil | 1.74 | 38.02 | 62.33 | 62.9 | 245 | 36.5 | 12.3 | 410 | 3.00 | 108.6 | 0.8 | 3.9 | 4.2 | 26.3 | 0.13 | 2.63 | 0.16 | 62 | 0.39 | 0.025 |
| 1179688 | Soil | 1.35 | 18.09 | 15.98 | 52.7 | 190 | 22.5 | 8.5 | 173 | 2.70 | 54.5 | 0.6 | 6.4 | 3.2 | 19.9 | 0.06 | 2.21 | 0.25 | 60 | 0.27 | 0.032 |
| 1179687 | Soil | 1.15 | 19.44 | 9.81 | 59.8 | 144 | 23.2 | 10.0 | 342 | 2.63 | 31.7 | 0.6 | 7.8 | 4.3 | 23.0 | 0.13 | 0.93 | 0.17 | 56 | 0.36 | 0.030 |
| 1179689 | Soil | 1.66 | 19.54 | 15.59 | 51.9 | 162 | 21.1 | 9.2 | 235 | 2.72 | 56.2 | 0.6 | 2.9 | 2.8 | 19.2 | 0.08 | 2.04 | 0.18 | 60 | 0.26 | 0.037 |
| 1179690 | Soil | 2.16 | 26.45 | 32.78 | 66.0 | 196 | 24.9 | 7.3 | 191 | 2.65 | 91.8 | 0.9 | 5.6 | 3.1 | 24.2 | 0.16 | 2.39 | 0.16 | 54 | 0.25 | 0.053 |
| 1179674 | Soil | 0.65 | 24.29 | 7.24 | 64.4 | 48 | 160.1 | 18.7 | 258 | 2.94 | 26.8 | 0.6 | 3.0 | 3.4 | 18.7 | 0.11 | 0.28 | 0.13 | 69 | 0.26 | 0.039 |
| 1179672 | Soil | 1.69 | 24.45 | 8.85 | 90.0 | 132 | 90.3 | 9.9 | 222 | 3.25 | 15.3 | 0.5 | 1.8 | 2.9 | 11.7 | 0.17 | 0.51 | 0.16 | 104 | 0.16 | 0.057 |
| 1179671 | Soil | 2.78 | 27.35 | 12.45 | 107.7 | 392 | 136.5 | 11.3 | 304 | 2.71 | 55.0 | 0.6 | 1.1 | 2.4 | 10.9 | 0.22 | 2.78 | 0.15 | 99 | 0.17 | 0.070 |
| 1179673 | Soil | 1.50 | 22.89 | 7.59 | 45.6 | 376 | 42.6 | 5.7 | 190 | 2.20 | 13.9 | 0.6 | 2.8 | 2.0 | 17.8 | 0.38 | 0.40 | 0.15 | 53 | 0.20 | 0.052 |
| 1179669 | Soil | 1.72 | 67.79 | 10.69 | 124.4 | 383 | 150.1 | 20.2 | 627 | 3.84 | 17.4 | 1.1 | 4.4 | 6.8 | 51.0 | 0.31 | 0.93 | 0.18 | 88 | 0.87 | 0.069 |
| 1179670 | Soil | 0.87 | 18.79 | 6.61 | 69.5 | 95 | 36.5 | 10.9 | 409 | 2.50 | 14.6 | 0.7 | 2.7 | 2.8 | 30.0 | 0.19 | 0.49 | 0.11 | 61 | 0.57 | 0.079 |
| 1179666 | Soil | 0.58 | 50.31 | 5.96 | 51.2 | 90 | 42.2 | 14.8 | 450 | 2.80 | 12.0 | 0.6 | 4.4 | 3.2 | 39.7 | 0.08 | 0.57 | 0.09 | 64 | 1.14 | 0.071 |
| 1179668 | Soil | 1.29 | 38.02 | 9.03 | 63.3 | 126 | 40.1 | 10.1 | 285 | 2.82 | 22.3 | 0.6 | 2.5 | 5.4 | 26.8 | 0.09 | 0.79 | 0.15 | 56 | 0.37 | 0.028 |
| 1179667 | Soil | 0.58 | 48.18 | 6.24 | 51.2 | 88 | 41.0 | 13.8 | 428 | 2.75 | 12.1 | 0.6 | 6.5 | 3.1 | 40.4 | 0.07 | 0.59 | 0.10 | 63 | 1.18 | 0.069 |
| 1179665 | Soil | 0.85 | 46.62 | 11.46 | 55.1 | 57 | 53.3 | 14.7 | 422 | 3.32 | 16.4 | 0.6 | 5.4 | 4.1 | 26.8 | 0.06 | 0.58 | 0.14 | 71 | 0.46 | 0.055 |
| 1179664 | Soil | 1.26 | 50.68 | 18.85 | 70.3 | 207 | 68.8 | 13.0 | 349 | 2.94 | 74.7 | 0.8 | 7.4 | 4.4 | 67.7 | 0.15 | 1.87 | 0.15 | 66 | 2.28 | 0.045 |
| 1179663 | Soil | 1.16 | 36.90 | 16.40 | 66.1 | 372 | 41.5 | 11.6 | 390 | 3.10 | 45.9 | 0.8 | 2.4 | 6.0 | 22.0 | 0.09 | 1.03 | 0.17 | 64 | 0.34 | 0.037 |
| 1179662 | Soil | 1.24 | 26.84 | 11.54 | 67.0 | 220 | 63.8 | 13.3 | 597 | 2.95 | 93.4 | 0.4 | 1.8 | 3.9 | 23.1 | 0.13 | 1.53 | 0.14 | 62 | 0.34 | 0.026 |
| 1179661 | Soil | 1.29 | 24.25 | 10.21 | 61.6 | 330 | 32.8 | 9.7 | 268 | 2.70 | 12.6 | 0.8 | 1.6 | 4.4 | 22.5 | 0.12 | 0.51 | 0.14 | 68 | 0.29 | 0.026 |
| 1179660 | Soil | 1.41 | 25.99 | 12.25 | 92.6 | 92 | 43.3 | 10.4 | 383 | 2.85 | 6.9 | 0.7 | 3.0 | 2.0 | 19.2 | 0.13 | 0.14 | 0.16 | 62 | 0.21 | 0.059 |
| 1179659 | Soil | 1.84 | 37.21 | 14.97 | 76.2 | 197 | 37.7 | 10.2 | 341 | 2.58 | 11.4 | 1.2 | 3.1 | 1.5 | 23.9 | 0.38 | 0.31 | 0.19 | 65 | 0.27 | 0.049 |

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Project: WHT
Report Date: October 02, 2011



# CERTIFICATE OF ANALYSIS DAW11000250.1

| | Method | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga |
| | Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm |
| | MDL | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 |
| 1179686 | Soil | 15.1 | 41.3 | 0.42 | 445.7 | 0.049 | 2 | 1.73 | 0.009 | 0.08 | 0.2 | 5.7 | 0.08 | <0.02 | 166 | 0.4 | 0.05 | 4.6 |
| 1179688 | Soil | 10.6 | 34.5 | 0.46 | 304.9 | 0.053 | <1 | 1.85 | 0.008 | 0.06 | 0.2 | 3.1 | 0.09 | <0.02 | 42 | 0.3 | 0.05 | 5.6 |
| 1179687 | Soil | 13.0 | 34.7 | 0.45 | 354.1 | 0.063 | <1 | 1.48 | 0.013 | 0.07 | 0.2 | 4.3 | 0.08 | <0.02 | 52 | 0.3 | 0.04 | 4.5 |
| 1179689 | Soil | 10.2 | 32.0 | 0.41 | 327.0 | 0.047 | <1 | 1.74 | 0.008 | 0.06 | 0.2 | 2.9 | 0.10 | <0.02 | 36 | 0.3 | 0.03 | 5.4 |
| 1179690 | Soil | 10.5 | 27.6 | 0.36 | 273.3 | 0.044 | 1 | 1.18 | 0.009 | 0.09 | 0.2 | 2.8 | 0.11 | 0.04 | 53 | 0.5 | 0.05 | 3.9 |
| 1179674 | Soil | 12.7 | 90.7 | 1.02 | 483.4 | 0.093 | 1 | 1.85 | 0.012 | 0.08 | 0.1 | 3.8 | 0.17 | <0.02 | 12 | 0.2 | 0.04 | 5.6 |
| 1179672 | Soil | 11.4 | 134.6 | 1.07 | 349.1 | 0.140 | <1 | 1.91 | 0.005 | 0.41 | 0.2 | 4.1 | 0.21 | <0.02 | 13 | 0.4 | 0.08 | 7.8 |
| 1179671 | Soil | 8.9 | 198.2 | 1.28 | 621.3 | 0.131 | 1 | 1.80 | 0.008 | 0.56 | 0.1 | 4.4 | 0.22 | 0.02 | 23 | 0.6 | 0.09 | 6.8 |
| 1179673 | Soil | 7.8 | 35.7 | 0.34 | 401.4 | 0.067 | <1 | 0.92 | 0.012 | 0.08 | <0.1 | 2.0 | 0.09 | 0.02 | 29 | 0.3 | 0.07 | 5.5 |
| 1179669 | Soil | 30.1 | 135.6 | 1.72 | 752.2 | 0.128 | 3 | 2.49 | 0.017 | 0.79 | <0.1 | 6.3 | 0.36 | 0.07 | 38 | 0.6 | 0.08 | 8.0 |
| 1179670 | Soil | 11.4 | 42.9 | 0.71 | 217.5 | 0.083 | 2 | 1.22 | 0.026 | 0.10 | 0.3 | 3.4 | 0.09 | 0.02 | 42 | 0.3 | <0.02 | 4.0 |
| 1179666 | Soil | 12.2 | 51.2 | 0.84 | 229.8 | 0.086 | 2 | 1.34 | 0.027 | 0.12 | 0.1 | 5.8 | 0.10 | <0.02 | 34 | 0.1 | <0.02 | 4.6 |
| 1179668 | Soil | 16.1 | 38.7 | 0.52 | 320.3 | 0.071 | 1 | 1.44 | 0.010 | 0.16 | 0.1 | 4.9 | 0.14 | <0.02 | 34 | 0.5 | 0.06 | 4.1 |
| 1179667 | Soil | 12.5 | 49.2 | 0.80 | 235.7 | 0.081 | 1 | 1.35 | 0.025 | 0.12 | 0.1 | 5.4 | 0.11 | <0.02 | 43 | 0.2 | <0.02 | 4.2 |
| 1179665 | Soil | 14.9 | 63.2 | 0.72 | 256.2 | 0.068 | 2 | 1.62 | 0.017 | 0.13 | 0.2 | 8.4 | 0.10 | <0.02 | 40 | 0.2 | <0.02 | 4.8 |
| 1179664 | Soil | 15.7 | 59.7 | 0.76 | 632.2 | 0.071 | 2 | 1.40 | 0.020 | 0.22 | 0.2 | 5.8 | 0.16 | <0.02 | 116 | 0.2 | 0.07 | 4.2 |
| 1179663 | Soil | 19.0 | 45.0 | 0.68 | 410.4 | 0.092 | 2 | 1.77 | 0.011 | 0.32 | 0.1 | 5.8 | 0.17 | <0.02 | 29 | 0.4 | 0.05 | 5.4 |
| 1179662 | Soil | 9.8 | 86.3 | 1.08 | 661.5 | 0.094 | 1 | 1.87 | 0.010 | 0.27 | 0.1 | 4.9 | 0.14 | <0.02 | 10 | 0.3 | 0.03 | 6.7 |
| 1179661 | Soil | 11.5 | 49.6 | 0.67 | 448.6 | 0.084 | <1 | 1.63 | 0.011 | 0.11 | 0.1 | 4.2 | 0.10 | <0.02 | 15 | 0.4 | 0.06 | 5.1 |
| 1179660 | Soil | 20.5 | 60.2 | 1.44 | 579.4 | 0.115 | <1 | 2.20 | 0.009 | 0.62 | <0.1 | 3.9 | 0.31 | 0.04 | 18 | 0.3 | 0.04 | 8.2 |
| 1179659 | Soil | 14.1 | 43.7 | 0.72 | 397.0 | 0.086 | 1 | 1.73 | 0.011 | 0.19 | 0.1 | 3.1 | 0.16 | 0.05 | 48 | 0.5 | 0.04 | 6.3 |

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Project: WHT
Report Date: October 02, 2011



# QUALITY CONTROL REPORT DAW11000250.1

| | Method | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | MDL | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 | 0.001 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1179710 | Soil | 0.96 | 19.23 | 8.03 | 54.7 | 59 | 19.7 | 9.7 | 369 | 2.76 | 5.5 | 0.8 | 3.2 | 3.8 | 23.4 | 0.12 | 0.37 | 0.13 | 55 | 0.36 | 0.037 |
| REP 1179710 | QC | 0.92 | 18.61 | 7.69 | 51.2 | 56 | 19.6 | 9.3 | 354 | 2.72 | 5.3 | 0.7 | 2.5 | 3.7 | 21.6 | 0.10 | 0.36 | 0.19 | 55 | 0.34 | 0.035 |
| 1182769 | Soil | 1.03 | 37.71 | 17.54 | 58.9 | 68 | 41.9 | 15.2 | 346 | 3.05 | 7.0 | 1.2 | 8.1 | 6.9 | 24.7 | 0.07 | 0.26 | 0.17 | 64 | 0.30 | 0.060 |
| REP 1182769 | QC | 1.10 | 39.76 | 17.62 | 61.5 | 66 | 45.2 | 15.6 | 357 | 3.16 | 7.4 | 1.2 | 7.9 | 7.5 | 26.3 | 0.06 | 0.28 | 0.19 | 65 | 0.30 | 0.062 |
| 1182758 | Soil | 1.31 | 71.36 | 8.05 | 84.6 | 63 | 88.7 | 17.9 | 395 | 3.80 | 8.3 | 1.6 | 2.4 | 7.1 | 35.6 | 0.08 | 0.21 | 0.14 | 95 | 0.50 | 0.147 |
| REP 1182758 | QC | 1.38 | 69.91 | 7.79 | 80.9 | 51 | 86.1 | 17.5 | 380 | 3.74 | 7.8 | 1.5 | 1.1 | 6.8 | 34.5 | 0.09 | 0.17 | 0.13 | 94 | 0.47 | 0.137 |
| 1183363 | Soil | 1.28 | 38.58 | 11.90 | 61.6 | 186 | 49.0 | 13.3 | 746 | 3.09 | 8.8 | 2.1 | 4.3 | 5.7 | 50.7 | 0.18 | 0.36 | 0.17 | 67 | 0.75 | 0.084 |
| REP 1183363 | QC | 1.32 | 38.53 | 11.98 | 61.9 | 185 | 48.7 | 13.4 | 734 | 3.10 | 8.7 | 2.2 | 7.3 | 5.8 | 51.2 | 0.22 | 0.38 | 0.16 | 68 | 0.76 | 0.081 |
| 1183369 | Soil | 2.27 | 90.41 | 19.86 | 110.4 | 74 | 84.7 | 25.5 | 1211 | 5.26 | 14.1 | 2.0 | 3.8 | 10.2 | 31.9 | 0.22 | 0.55 | 0.21 | 115 | 0.60 | 0.131 |
| REP 1183369 | QC | 2.27 | 89.00 | 19.66 | 104.5 | 71 | 83.0 | 25.5 | 1223 | 5.18 | 13.8 | 1.9 | 4.9 | 9.9 | 31.8 | 0.21 | 0.55 | 0.20 | 114 | 0.61 | 0.139 |
| 1179662 | Soil | 1.24 | 26.84 | 11.54 | 67.0 | 220 | 63.8 | 13.3 | 597 | 2.95 | 93.4 | 0.4 | 1.8 | 3.9 | 23.1 | 0.13 | 1.53 | 0.14 | 62 | 0.34 | 0.026 |
| REP 1179662 | QC | 1.22 | 25.98 | 11.02 | 64.7 | 207 | 64.0 | 13.3 | 586 | 2.92 | 89.9 | 0.4 | 0.7 | 3.9 | 22.5 | 0.14 | 1.50 | 0.14 | 62 | 0.33 | 0.025 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 13.71 | 107.9 | 121.9 | 306.0 | 1666 | 37.5 | 7.5 | 595 | 2.46 | 27.6 | 2.7 | 111.3 | 6.7 | 62.8 | 2.09 | 5.46 | 5.99 | 40 | 0.70 | 0.078 |
| STD DS8 | Standard | 12.97 | 104.7 | 126.4 | 315.1 | 1767 | 37.2 | 7.3 | 607 | 2.53 | 23.8 | 2.8 | 111.3 | 6.9 | 62.1 | 2.20 | 5.19 | 6.32 | 41 | 0.66 | 0.084 |
| STD DS8 | Standard | 11.66 | 104.9 | 117.7 | 300.4 | 1705 | 36.2 | 7.4 | 567 | 2.35 | 23.4 | 2.6 | 110.3 | 6.3 | 59.7 | 2.17 | 5.25 | 6.76 | 39 | 0.67 | 0.077 |
| STD DS8 | Standard | 12.36 | 103.3 | 120.7 | 302.3 | 1813 | 35.3 | 7.2 | 612 | 2.45 | 25.9 | 2.5 | 112.3 | 6.4 | 62.2 | 2.36 | 5.22 | 6.25 | 42 | 0.70 | 0.080 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1690 | 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 | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 | <0.001 |
| BLK | Blank | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 | <0.001 |
| BLK | Blank | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 | <0.001 |
| BLK | Blank | <0.01 | <0.01 | <0.01 | <0.1 | <2 | <0.1 | <0.1 | <1 | <0.01 | <0.1 | <0.1 | <0.2 | <0.1 | <0.5 | <0.01 | <0.02 | <0.02 | <2 | <0.01 | <0.001 |

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Project: WHT
Report Date: October 02, 2011



# QUALITY CONTROL REPORT DAW11000250.1

| | Method | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 | 1F15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga |
| | Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm |
| | MDL | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | |
| 1179710 | Soil | 14.3 | 34.1 | 0.61 | 238.6 | 0.098 | 2 | 1.47 | 0.011 | 0.27 | 0.1 | 3.6 | 0.16 | <0.02 | 20 | 0.2 | <0.02 | 5.0 |
| REP 1179710 | QC | 13.8 | 32.8 | 0.61 | 234.8 | 0.092 | 1 | 1.48 | 0.010 | 0.27 | 0.1 | 3.2 | 0.12 | <0.02 | 28 | 0.2 | <0.02 | 4.8 |
| 1182769 | Soil | 21.6 | 60.9 | 0.84 | 287.4 | 0.111 | <1 | 1.67 | 0.006 | 0.32 | <0.1 | 4.9 | 0.19 | <0.02 | 27 | 0.3 | 0.07 | 5.6 |
| REP 1182769 | QC | 22.3 | 61.9 | 0.85 | 293.8 | 0.116 | <1 | 1.72 | 0.006 | 0.33 | 0.1 | 5.0 | 0.21 | <0.02 | 30 | 0.3 | 0.06 | 6.2 |
| 1182758 | Soil | 30.5 | 123.2 | 1.62 | 448.3 | 0.130 | <1 | 2.51 | 0.011 | 0.64 | 0.1 | 5.9 | 0.28 | 0.02 | 28 | 0.5 | 0.06 | 8.5 |
| REP 1182758 | QC | 29.5 | 119.7 | 1.62 | 439.8 | 0.126 | <1 | 2.48 | 0.011 | 0.63 | 0.1 | 5.8 | 0.27 | 0.02 | 21 | 0.4 | 0.05 | 8.6 |
| 1183363 | Soil | 27.8 | 63.3 | 0.86 | 444.7 | 0.075 | <1 | 1.86 | 0.015 | 0.09 | 0.2 | 5.9 | 0.12 | <0.02 | 37 | 0.3 | 0.03 | 6.6 |
| REP 1183363 | QC | 28.2 | 64.5 | 0.87 | 448.5 | 0.076 | 1 | 1.88 | 0.015 | 0.09 | 0.2 | 5.9 | 0.14 | <0.02 | 48 | 0.3 | 0.03 | 6.4 |
| 1183369 | Soil | 36.1 | 89.9 | 1.27 | 620.7 | 0.132 | 1 | 2.32 | 0.008 | 0.83 | <0.1 | 11.3 | 0.36 | <0.02 | 51 | 0.6 | 0.13 | 8.5 |
| REP 1183369 | QC | 36.2 | 86.7 | 1.24 | 608.4 | 0.126 | 1 | 2.25 | 0.008 | 0.81 | <0.1 | 11.1 | 0.36 | <0.02 | 43 | 0.6 | 0.13 | 8.0 |
| 1179662 | Soil | 9.8 | 86.3 | 1.08 | 661.5 | 0.094 | 1 | 1.87 | 0.010 | 0.27 | 0.1 | 4.9 | 0.14 | <0.02 | 10 | 0.3 | 0.03 | 6.7 |
| REP 1179662 | QC | 9.5 | 85.6 | 1.07 | 652.0 | 0.091 | 1 | 1.86 | 0.009 | 0.27 | 0.1 | 4.9 | 0.13 | <0.02 | 8 | 0.2 | 0.05 | 6.3 |
| Reference Materials | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 15.1 | 116.1 | 0.60 | 261.8 | 0.112 | 2 | 0.93 | 0.092 | 0.42 | 3.2 | 2.3 | 5.23 | 0.16 | 206 | 5.2 | 5.13 | 4.8 |
| STD DS8 | Standard | 14.7 | 118.9 | 0.61 | 270.5 | 0.103 | 3 | 0.90 | 0.088 | 0.42 | 3.0 | 2.1 | 5.51 | 0.16 | 190 | 5.2 | 4.97 | 4.8 |
| STD DS8 | Standard | 13.0 | 113.4 | 0.58 | 240.2 | 0.102 | 3 | 0.92 | 0.100 | 0.42 | 2.8 | 1.9 | 5.27 | 0.15 | 183 | 4.8 | 4.61 | 4.3 |
| STD DS8 | Standard | 13.6 | 119.1 | 0.60 | 278.4 | 0.100 | 2 | 0.95 | 0.098 | 0.42 | 3.0 | 2.2 | 5.51 | 0.16 | 207 | 5.2 | 4.96 | 4.7 |
| STD DS8 Expected | | 14.6 | 115 | 0.6045 | 279 | 0.113 | 2.6 | 0.93 | 0.0883 | 0.41 | 3 | 2.3 | 5.4 | 0.1679 | 192 | 5.23 | 5 | 4.7 |
| BLK | Blank | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 |
| BLK | Blank | <0.5 | <0.5 | <0.01 | <0.5 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.1 | <0.02 | <0.02 | <5 | <0.1 | <0.02 | <0.1 |

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