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 21, 2011
Report Date: November 16, 2011


# CERTIFICATE OF ANALYSIS DAW11000268.1

## CLIENT JOB INFORMATION

Project: PAN
Shipment ID: PAN2011-03
P.O. Number
Number of Samples: 41

## 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 | 41 | Dry at 60C sieve 100g to -80 mesh | | | DAW |
| Dry at 60C | 41 | Dry at 60C | | | DAW |
| RJSV | 41 | Saving all or part of Soil Reject | | | DAW |
| 1DX2 | 41 | 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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Vancouver BC V6C 3E8 Canada

Project: PAN
Report Date: November 16, 2011



# CERTIFICATE OF ANALYSIS DAW11000268.1

| | 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 | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | 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 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1203461 | Soil | 1.0 | 23.2 | 11.9 | 78 | <0.1 | 16.2 | 12.7 | 773 | 3.17 | 5.4 | 6.6 | 4.5 | 31 | 0.2 | 0.3 | 0.1 | 61 | 0.79 | 0.075 | 18 |
| 1203276 | Soil | 1.0 | 49.3 | 14.1 | 83 | 0.2 | 24.3 | 13.8 | 489 | 3.17 | 7.4 | 3.6 | 2.8 | 213 | 0.2 | 0.6 | <0.1 | 76 | 5.91 | 0.070 | 11 |
| 1203277 | Soil | 0.9 | 22.5 | 14.3 | 55 | <0.1 | 17.4 | 11.6 | 339 | 2.91 | 6.2 | 2.4 | 3.2 | 33 | 0.1 | 0.3 | 0.1 | 71 | 0.53 | 0.048 | 10 |
| 1203275 | Soil | 0.5 | 122.5 | 12.7 | 90 | <0.1 | 30.1 | 23.4 | 752 | 4.51 | 3.2 | 1.2 | 2.6 | 50 | <0.1 | 0.2 | <0.1 | 130 | 0.81 | 0.102 | 11 |
| 1203460 | Soil | 0.8 | 40.0 | 26.1 | 61 | 0.1 | 25.0 | 11.9 | 549 | 2.89 | 7.2 | 5.3 | 3.1 | 49 | 0.3 | 0.5 | 0.1 | 64 | 0.98 | 0.062 | 14 |
| 1203274 | Soil | 0.7 | 68.1 | 11.0 | 49 | <0.1 | 26.5 | 20.1 | 304 | 3.24 | 5.7 | 2.5 | 2.0 | 32 | <0.1 | 0.2 | <0.1 | 83 | 0.39 | 0.039 | 6 |
| 1203262 | Soil | 0.9 | 44.4 | 13.7 | 63 | <0.1 | 26.3 | 12.4 | 298 | 3.12 | 10.9 | 2.7 | 4.5 | 167 | 0.1 | 0.5 | 0.1 | 66 | 0.77 | 0.041 | 15 |
| 1203263 | Soil | 1.2 | 36.3 | 24.1 | 53 | 0.2 | 18.9 | 10.7 | 333 | 2.74 | 4.4 | 3.5 | 4.1 | 103 | <0.1 | 0.3 | 0.1 | 64 | 1.04 | 0.058 | 18 |
| 1203264 | Soil | 1.0 | 18.0 | 41.9 | 55 | <0.1 | 15.1 | 11.9 | 259 | 2.94 | 4.9 | 0.9 | 2.7 | 38 | 0.1 | 0.2 | 0.2 | 74 | 0.50 | 0.059 | 8 |
| 1203265 | Soil | 0.8 | 34.0 | 23.6 | 46 | 0.1 | 17.9 | 11.4 | 296 | 2.73 | 5.7 | 2.1 | 3.5 | 55 | <0.1 | 0.3 | 0.1 | 68 | 0.56 | 0.039 | 13 |
| 1203266 | Soil | 0.8 | 25.4 | 55.3 | 58 | <0.1 | 21.1 | 16.1 | 358 | 3.53 | 5.7 | 1.3 | 3.8 | 51 | <0.1 | 0.2 | 0.2 | 90 | 0.52 | 0.044 | 7 |
| 1203267 | Soil | 1.1 | 43.5 | 48.3 | 56 | 0.1 | 23.4 | 15.3 | 437 | 3.40 | 6.2 | 2.0 | 4.0 | 49 | 0.1 | 0.4 | 0.1 | 79 | 0.44 | 0.021 | 13 |
| 1203268 | Soil | 0.8 | 50.7 | 48.4 | 60 | 0.1 | 26.4 | 14.2 | 487 | 3.00 | 7.6 | 11.1 | 3.8 | 335 | 0.2 | 0.4 | 0.2 | 75 | 4.56 | 0.061 | 12 |
| 1203269 | Soil | 0.8 | 47.4 | 25.3 | 55 | <0.1 | 20.8 | 17.5 | 420 | 3.32 | 4.8 | 3.8 | 3.8 | 38 | <0.1 | 0.3 | <0.1 | 78 | 0.67 | 0.065 | 13 |
| 1203270 | Soil | 1.0 | 30.7 | 21.5 | 54 | <0.1 | 22.4 | 11.6 | 483 | 2.84 | 6.2 | 3.2 | 4.0 | 44 | 0.2 | 0.4 | 0.1 | 64 | 0.75 | 0.058 | 16 |
| 1203271 | Soil | 0.7 | 36.6 | 24.3 | 65 | 0.1 | 26.8 | 12.0 | 413 | 3.06 | 6.2 | 4.7 | 4.3 | 41 | 0.2 | 0.5 | 0.1 | 66 | 0.75 | 0.064 | 15 |
| 1203272 | Soil | 0.4 | 34.1 | 19.4 | 67 | <0.1 | 23.9 | 11.2 | 400 | 2.96 | 6.3 | 2.3 | 4.3 | 42 | 0.2 | 0.5 | 0.1 | 65 | 0.73 | 0.069 | 15 |
| 1203254 | Soil | 0.9 | 29.2 | 13.8 | 54 | <0.1 | 25.0 | 13.4 | 325 | 3.25 | 7.4 | 2.0 | 3.7 | 80 | <0.1 | 0.4 | 0.1 | 73 | 0.55 | 0.054 | 12 |
| 1203255 | Soil | 0.8 | 30.5 | 12.1 | 53 | 0.1 | 24.0 | 12.5 | 472 | 2.99 | 9.3 | 3.0 | 3.7 | 68 | 0.2 | 0.5 | 0.1 | 65 | 0.91 | 0.051 | 14 |
| 1203257 | Soil | 0.8 | 17.2 | 13.3 | 73 | <0.1 | 16.6 | 8.8 | 293 | 2.78 | 8.5 | 4.9 | 3.8 | 84 | 0.1 | 0.2 | 0.1 | 58 | 0.51 | 0.060 | 12 |
| 1203256 | Soil | 0.7 | 32.3 | 10.1 | 50 | <0.1 | 22.6 | 11.2 | 529 | 2.69 | 7.8 | 3.0 | 3.2 | 77 | 0.1 | 0.4 | 0.1 | 63 | 1.02 | 0.052 | 14 |
| 1203251 | Soil | 0.8 | 29.7 | 35.5 | 86 | <0.1 | 19.9 | 8.4 | 405 | 2.72 | 6.8 | 3.0 | 5.0 | 50 | 0.1 | 0.4 | 0.1 | 50 | 0.64 | 0.070 | 10 |
| 1203252 | Soil | 0.9 | 30.8 | 15.2 | 52 | 0.1 | 22.7 | 10.4 | 426 | 2.60 | 7.6 | 2.7 | 3.3 | 122 | 0.2 | 0.5 | 0.1 | 53 | 1.19 | 0.061 | 14 |
| 1166339 | Soil | 1.0 | 25.2 | 14.7 | 55 | <0.1 | 27.4 | 13.7 | 571 | 3.34 | 9.1 | 5.5 | 5.1 | 49 | 0.1 | 0.5 | 0.1 | 72 | 0.55 | 0.032 | 15 |
| 1203253 | Soil | 0.8 | 27.5 | 8.2 | 61 | 0.1 | 26.2 | 11.2 | 520 | 2.75 | 7.8 | 2.8 | 3.6 | 49 | 0.2 | 0.6 | 0.1 | 58 | 0.91 | 0.073 | 13 |
| 1166337 | Soil | 1.3 | 30.2 | 21.1 | 83 | <0.1 | 20.4 | 11.8 | 558 | 4.22 | 5.8 | 2.0 | 8.5 | 34 | <0.1 | 0.6 | <0.1 | 69 | 0.42 | 0.038 | 28 |
| 1166338 | Soil | 1.2 | 28.9 | 21.9 | 81 | <0.1 | 20.9 | 11.4 | 534 | 4.22 | 5.8 | 3.2 | 8.0 | 33 | <0.1 | 0.6 | 0.1 | 69 | 0.40 | 0.034 | 20 |
| 1166342 | Soil | 1.5 | 38.4 | 36.5 | 67 | 0.1 | 30.2 | 15.2 | 422 | 4.12 | 20.6 | 35.4 | 7.7 | 23 | 0.1 | 0.7 | 0.3 | 77 | 0.31 | 0.037 | 30 |
| 1166340 | Soil | 0.6 | 39.3 | 28.5 | 69 | 0.2 | 19.1 | 10.6 | 274 | 3.13 | 6.8 | 3.8 | 5.4 | 84 | 0.3 | 0.5 | 0.1 | 60 | 0.96 | 0.070 | 30 |
| 1166345 | Soil | 1.2 | 23.8 | 22.3 | 55 | 0.1 | 20.1 | 10.3 | 340 | 3.18 | 6.9 | 2.1 | 4.9 | 35 | 0.3 | 0.3 | 0.2 | 64 | 0.45 | 0.049 | 23 |

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Report Date: November 16, 2011



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| | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | 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 |
| | MDL | 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 |
| 1203461 | Soil | 27 | 0.66 | 351 | 0.078 | 3 | 1.52 | 0.021 | 0.06 | 0.2 | 0.03 | 6.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1203276 | Soil | 30 | 1.14 | 541 | 0.119 | 3 | 1.58 | 0.040 | 0.20 | 0.2 | 0.04 | 6.0 | 0.1 | <0.05 | 6 | 0.5 | <0.2 |
| 1203277 | Soil | 30 | 0.68 | 297 | 0.125 | 2 | 1.81 | 0.029 | 0.11 | 0.1 | <0.01 | 4.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| 1203275 | Soil | 53 | 1.60 | 431 | 0.185 | <1 | 1.94 | 0.035 | 0.64 | <0.1 | <0.01 | 10.2 | 0.3 | <0.05 | 10 | <0.5 | <0.2 |
| 1203460 | Soil | 34 | 0.67 | 394 | 0.085 | 2 | 1.66 | 0.034 | 0.07 | 0.2 | 0.04 | 5.7 | <0.1 | <0.05 | 6 | 0.9 | <0.2 |
| 1203274 | Soil | 42 | 1.27 | 315 | 0.182 | 1 | 1.89 | 0.030 | 0.45 | <0.1 | <0.01 | 3.5 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| 1203262 | Soil | 35 | 0.73 | 365 | 0.111 | 2 | 1.68 | 0.033 | 0.16 | 0.1 | 0.04 | 5.2 | 0.1 | <0.05 | 6 | 0.6 | <0.2 |
| 1203263 | Soil | 34 | 0.74 | 493 | 0.111 | 2 | 1.59 | 0.027 | 0.12 | 0.1 | 0.05 | 5.8 | 0.1 | 0.06 | 6 | <0.5 | <0.2 |
| 1203264 | Soil | 31 | 0.77 | 226 | 0.127 | <1 | 1.69 | 0.029 | 0.13 | 0.2 | 0.02 | 3.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1203265 | Soil | 30 | 0.64 | 611 | 0.117 | <1 | 1.57 | 0.025 | 0.12 | 0.1 | 0.03 | 5.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1203266 | Soil | 43 | 1.03 | 425 | 0.144 | 2 | 1.84 | 0.030 | 0.16 | <0.1 | <0.01 | 4.8 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| 1203267 | Soil | 50 | 0.92 | 812 | 0.124 | 1 | 1.87 | 0.024 | 0.14 | <0.1 | 0.02 | 7.8 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1203268 | Soil | 34 | 1.06 | 1132 | 0.125 | 3 | 1.59 | 0.051 | 0.08 | 0.1 | 0.04 | 5.6 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1203269 | Soil | 37 | 0.96 | 298 | 0.124 | 2 | 1.56 | 0.041 | 0.14 | 0.1 | 0.02 | 6.1 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1203270 | Soil | 35 | 0.64 | 370 | 0.094 | 1 | 1.73 | 0.029 | 0.05 | 0.1 | 0.05 | 5.2 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1203271 | Soil | 38 | 0.72 | 346 | 0.102 | 3 | 1.67 | 0.036 | 0.06 | 0.2 | 0.05 | 4.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1203272 | Soil | 34 | 0.68 | 329 | 0.102 | 2 | 1.62 | 0.037 | 0.06 | 0.2 | 0.04 | 4.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1203254 | Soil | 42 | 0.92 | 352 | 0.112 | 2 | 1.77 | 0.027 | 0.10 | 0.2 | 0.02 | 5.1 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1203255 | Soil | 35 | 0.66 | 313 | 0.090 | 1 | 1.64 | 0.033 | 0.07 | 0.1 | 0.02 | 4.5 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1203257 | Soil | 27 | 0.64 | 192 | 0.112 | 2 | 1.55 | 0.026 | 0.12 | 0.1 | 0.03 | 4.5 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1203256 | Soil | 34 | 0.66 | 374 | 0.098 | 2 | 1.53 | 0.035 | 0.08 | 0.1 | 0.04 | 4.5 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1203251 | Soil | 25 | 1.84 | 157 | 0.073 | 2 | 1.59 | 0.015 | 0.22 | <0.1 | 0.02 | 5.3 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| 1203252 | Soil | 30 | 0.74 | 352 | 0.080 | 2 | 1.57 | 0.032 | 0.06 | 0.1 | 0.06 | 4.6 | <0.1 | 0.05 | 5 | <0.5 | <0.2 |
| 1166339 | Soil | 43 | 0.72 | 277 | 0.125 | 2 | 1.91 | 0.030 | 0.10 | 0.1 | 0.02 | 6.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1203253 | Soil | 30 | 0.64 | 270 | 0.108 | 4 | 1.51 | 0.046 | 0.09 | 0.2 | 0.02 | 3.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1166337 | Soil | 34 | 1.05 | 353 | 0.153 | 2 | 2.09 | 0.022 | 0.44 | 0.1 | 0.02 | 7.1 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |
| 1166338 | Soil | 34 | 1.01 | 329 | 0.155 | 2 | 2.11 | 0.021 | 0.41 | 0.1 | 0.01 | 6.2 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| 1166342 | Soil | 56 | 0.90 | 308 | 0.112 | 3 | 2.10 | 0.016 | 0.12 | <0.1 | 0.06 | 7.7 | <0.1 | <0.05 | 8 | 1.0 | <0.2 |
| 1166340 | Soil | 37 | 0.81 | 437 | 0.104 | 4 | 1.70 | 0.025 | 0.25 | <0.1 | 0.11 | 7.1 | 0.1 | 0.06 | 6 | <0.5 | <0.2 |
| 1166345 | Soil | 38 | 0.60 | 497 | 0.081 | 2 | 2.01 | 0.021 | 0.08 | 0.1 | 0.06 | 5.4 | <0.1 | <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 | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | 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 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1167197 | Soil | 0.9 | 26.7 | 18.4 | 59 | <0.1 | 19.7 | 10.7 | 525 | 2.84 | 7.0 | 2.8 | 4.6 | 345 | 0.2 | 0.4 | 0.1 | 58 | 0.75 | 0.076 | 18 |
| 1166344 | Soil | 1.4 | 34.5 | 20.0 | 61 | 0.3 | 22.6 | 13.7 | 921 | 3.16 | 6.5 | 0.6 | 4.6 | 37 | 0.3 | 0.5 | 0.2 | 62 | 0.73 | 0.041 | 31 |
| 1167198 | Soil | 0.9 | 27.0 | 10.1 | 59 | <0.1 | 22.5 | 11.9 | 757 | 2.75 | 7.4 | 3.3 | 3.1 | 100 | <0.1 | 0.4 | 0.1 | 57 | 0.93 | 0.067 | 13 |
| 1167196 | Soil | 1.3 | 21.9 | 28.5 | 43 | <0.1 | 11.2 | 7.6 | 206 | 3.36 | 9.6 | 3.3 | 3.4 | 62 | 0.1 | 0.4 | 0.2 | 95 | 0.28 | 0.046 | 9 |
| 1090346 | Soil | 0.9 | 25.4 | 9.6 | 64 | <0.1 | 22.0 | 9.6 | 401 | 2.62 | 8.3 | 2.2 | 3.1 | 52 | 0.2 | 0.5 | <0.1 | 56 | 0.96 | 0.069 | 13 |
| 1167200 | Soil | 0.7 | 32.4 | 9.4 | 59 | <0.1 | 26.9 | 10.4 | 432 | 2.77 | 8.4 | 3.1 | 3.6 | 49 | 0.2 | 0.5 | 0.1 | 58 | 0.88 | 0.075 | 13 |
| 1167199 | Soil | 0.9 | 29.3 | 8.6 | 52 | <0.1 | 23.2 | 10.6 | 409 | 2.14 | 6.4 | 2.9 | 2.1 | 48 | 0.1 | 0.5 | 0.2 | 52 | 0.87 | 0.057 | 11 |
| 1090347 | Soil | 0.8 | 32.5 | 13.6 | 57 | 0.1 | 21.4 | 10.2 | 408 | 2.45 | 8.2 | 3.4 | 2.4 | 49 | 0.2 | 0.4 | 0.2 | 56 | 0.92 | 0.052 | 12 |
| 1090348 | Soil | 0.9 | 34.1 | 14.2 | 52 | <0.1 | 25.6 | 11.9 | 474 | 2.80 | 7.2 | 2.7 | 3.8 | 46 | <0.1 | 0.5 | 0.1 | 66 | 0.45 | 0.035 | 15 |
| 1090350 | Soil | 0.7 | 30.3 | 10.0 | 53 | <0.1 | 21.1 | 10.2 | 394 | 2.44 | 6.2 | 1.3 | 2.7 | 58 | 0.1 | 0.5 | 0.2 | 56 | 0.78 | 0.043 | 10 |
| 1090349 | Soil | 0.8 | 38.3 | 13.5 | 56 | <0.1 | 27.3 | 11.7 | 397 | 2.77 | 8.7 | 2.7 | 3.6 | 42 | <0.1 | 0.5 | 0.2 | 60 | 0.53 | 0.043 | 14 |

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| | | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Analyte | 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 |
| | | MDL | 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 |
| 1167197 | Soil | | 31 | 0.73 | 289 | 0.103 | 4 | 1.52 | 0.032 | 0.10 | 0.2 | 0.03 | 4.5 | <0.1 | <0.05 | 5 | 0.5 | 0.2 |
| 1166344 | Soil | | 39 | 0.70 | 657 | 0.101 | 3 | 1.86 | 0.023 | 0.15 | <0.1 | 0.06 | 7.4 | 0.1 | <0.05 | 7 | 0.6 | <0.2 |
| 1167198 | Soil | | 32 | 0.62 | 306 | 0.074 | 2 | 1.65 | 0.038 | 0.06 | 0.2 | 0.03 | 4.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1167196 | Soil | | 32 | 0.59 | 185 | 0.148 | 1 | 1.63 | 0.016 | 0.12 | 0.1 | 0.02 | 3.4 | <0.1 | <0.05 | 9 | <0.5 | <0.2 |
| 1090346 | Soil | | 29 | 0.61 | 238 | 0.091 | 3 | 1.48 | 0.046 | 0.07 | 0.2 | 0.04 | 3.9 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1167200 | Soil | | 31 | 0.64 | 257 | 0.092 | 3 | 1.59 | 0.044 | 0.09 | 0.1 | 0.03 | 3.9 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1167199 | Soil | | 26 | 0.50 | 251 | 0.061 | 2 | 1.19 | 0.024 | 0.04 | 0.2 | 0.04 | 3.1 | <0.1 | 0.08 | 4 | <0.5 | <0.2 |
| 1090347 | Soil | | 29 | 0.52 | 284 | 0.066 | 2 | 1.38 | 0.024 | 0.05 | 0.1 | 0.04 | 4.4 | <0.1 | 0.05 | 4 | <0.5 | <0.2 |
| 1090348 | Soil | | 38 | 0.56 | 340 | 0.075 | 1 | 1.63 | 0.021 | 0.06 | 0.1 | 0.04 | 5.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1090350 | Soil | | 31 | 0.49 | 287 | 0.070 | <1 | 1.44 | 0.020 | 0.05 | 0.1 | 0.04 | 4.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1090349 | Soil | | 36 | 0.55 | 299 | 0.070 | <1 | 1.51 | 0.020 | 0.05 | 0.1 | 0.04 | 4.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |

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Project: PAN
Report Date: November 16, 2011



# QUALITY CONTROL REPORT DAW11000268.1

| | 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 | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | 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 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1203270 | Soil | 1.0 | 30.7 | 21.5 | 54 | <0.1 | 22.4 | 11.6 | 483 | 2.84 | 6.2 | 3.2 | 4.0 | 44 | 0.2 | 0.4 | 0.1 | 64 | 0.75 | 0.058 | 16 |
| REP 1203270 | QC | 0.9 | 29.5 | 21.1 | 56 | 0.1 | 22.4 | 11.4 | 452 | 2.77 | 6.1 | 5.6 | 3.8 | 45 | 0.1 | 0.4 | 0.1 | 61 | 0.73 | 0.055 | 16 |
| 1167198 | Soil | 0.9 | 27.0 | 10.1 | 59 | <0.1 | 22.5 | 11.9 | 757 | 2.75 | 7.4 | 3.3 | 3.1 | 100 | <0.1 | 0.4 | 0.1 | 57 | 0.93 | 0.067 | 13 |
| REP 1167198 | QC | 1.1 | 26.4 | 10.7 | 56 | <0.1 | 22.7 | 11.8 | 702 | 2.69 | 7.6 | 2.7 | 3.0 | 99 | 0.3 | 0.5 | 0.1 | 56 | 0.97 | 0.067 | 13 |
| 1090347 | Soil | 0.8 | 32.5 | 13.6 | 57 | 0.1 | 21.4 | 10.2 | 408 | 2.45 | 8.2 | 3.4 | 2.4 | 49 | 0.2 | 0.4 | 0.2 | 56 | 0.92 | 0.052 | 12 |
| REP 1090347 | QC | 0.7 | 33.1 | 13.4 | 58 | <0.1 | 22.0 | 9.9 | 398 | 2.44 | 7.7 | 1.8 | 2.4 | 50 | 0.2 | 0.4 | 0.2 | 57 | 0.92 | 0.051 | 12 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 13.7 | 116.3 | 124.6 | 291 | 1.7 | 40.1 | 8.1 | 585 | 2.40 | 24.2 | 116.1 | 6.3 | 60 | 2.3 | 4.8 | 6.2 | 45 | 0.65 | 0.076 | 12 |
| STD DS8 | Standard | 14.8 | 115.6 | 132.7 | 339 | 1.8 | 39.4 | 7.9 | 646 | 2.56 | 26.9 | 117.3 | 7.7 | 70 | 2.3 | 5.4 | 6.1 | 44 | 0.80 | 0.086 | 18 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |

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Project: PAN
Report Date: November 16, 2011



# QUALITY CONTROL REPORT DAW11000268.1

| | Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | 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 |
| | MDL | 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 | | | | | | | | | | | | | | | | | |
| 1203270 | Soil | 35 | 0.64 | 370 | 0.094 | 1 | 1.73 | 0.029 | 0.05 | 0.1 | 0.05 | 5.2 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| REP 1203270 | QC | 34 | 0.64 | 365 | 0.095 | 1 | 1.73 | 0.030 | 0.05 | 0.2 | 0.04 | 5.2 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1167198 | Soil | 32 | 0.62 | 306 | 0.074 | 2 | 1.65 | 0.038 | 0.06 | 0.2 | 0.03 | 4.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| REP 1167198 | QC | 31 | 0.60 | 305 | 0.083 | 3 | 1.67 | 0.038 | 0.07 | 0.2 | 0.04 | 4.2 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1090347 | Soil | 29 | 0.52 | 284 | 0.066 | 2 | 1.38 | 0.024 | 0.05 | 0.1 | 0.04 | 4.4 | <0.1 | 0.05 | 4 | <0.5 | <0.2 |
| REP 1090347 | QC | 29 | 0.53 | 283 | 0.068 | 2 | 1.40 | 0.032 | 0.04 | 0.1 | 0.05 | 4.4 | <0.1 | 0.07 | 4 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 122 | 0.60 | 252 | 0.110 | 3 | 0.92 | 0.109 | 0.41 | 2.8 | 0.19 | 2.9 | 5.2 | 0.13 | 5 | 4.8 | 4.9 |
| STD DS8 | Standard | 124 | 0.68 | 304 | 0.132 | 4 | 1.02 | 0.104 | 0.46 | 3.0 | 0.24 | 2.5 | 5.8 | 0.18 | 5 | 5.5 | 6.0 |
| STD DS8 Expected | | 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 | <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 | <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 |

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