



NORWEST LABS

Control Number E 266542

Environmental Sample Information Sheet

NOTE: Proper completion of this form is required in order to proceed with analysis
See reverse for your nearest Norwest location and proper sampling protocol

| | |
|--|---|
| Billing Address: Company: INAC - YUKON REGION Address: 415C-300 MAIN STREET WHEATHORSE, YT Y1A 2B5 Attention: WERNER LIEBAU Phone: (867) 667 3272 Fax: Cell: e-mail: liebauw@inac-ainc.gc.ca | Copy of Report To: Company: Address: Attention: Phone: Fax: Cell: e-mail: LOT#477747 |
| QA/QC Report <input checked="" type="checkbox"/> Report Result: Fax <input type="checkbox"/> Mail <input checked="" type="checkbox"/> Courier <input type="checkbox"/> e-mail <input checked="" type="checkbox"/> e-Service <input type="checkbox"/> | Copy of invoice: <input type="checkbox"/> Mail invoice to this address for approval <input type="checkbox"/> Report Result: Fax <input type="checkbox"/> Mail <input type="checkbox"/> Courier <input type="checkbox"/> e-mail <input type="checkbox"/> e-service <input type="checkbox"/> |

| | | |
|---|---|---|
| Information to be included on Report and Invoice Project ID: <input checked="" type="checkbox"/> Project Name: Project Location: ARCTIC GOLD & SILVER TRENDS Legal Location: PO#: Proj. Acct. Code: Agreement ID: | RUSH Please contact the laboratory to confirm rush dates and times before submitting samples. Upon filling out this section, client accepts that surcharges will be attached to this analysis Required on: all analyses or as indicated <input type="checkbox"/> or <input type="checkbox"/> Date Required: _____ Signature: _____ Norwest Authorization: _____ | Sample Custody (Please Print) Sampled by: WERNER LIEBAU Company INAC Signature <i>Werner Liebau</i> I authorize Norwest Labs to proceed with the work indicated on this form: Date: Initial: Received by: <input type="checkbox"/> Coolers Waybill # _____ Date _____ Boxes _____ Company _____ Time _____ Samples _____ Received By: <i>Werner Liebau</i> Date: <i>2/10/06</i> Company: _____ Time: _____ |
|---|---|---|

Special Instructions / Comments Check here if Norwest is required to report results directly to a regulatory body (Please include contact information)

SAMPLES MW-2, MW-1D FILTERED AND PRESERVED (0.45 µm) (NITRIC ACID)

SAMPLES AGS Ø, AGS1, AGS2 PRESERVED (NITRIC ACID)

| Sample Identification | Location | Depth IN CM M | Date / Time Sampled | Matrix | Sampling Method | Enter tests above (✓ relevant samples below) | | | | | | | | | | | | | | | | |
|-----------------------|----------|------------------|------------------------|--------------|--------------------|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | ↓ | | | | | | | | | | | | | | | | |
| 1 MW-2 | AG & S | - | JULY 14/06 13:42 | GROUND WATER | BAILER | 1 | X | | | | | | | | | | | | | | | |
| 2 MW-1D | " | - | 14:31 | " | " | 1 | X | | | | | | | | | | | | | | | |
| 3 AGS Ø | " | - | 14:43 | LAKE WATER | DIP | 1 | X | | | | | | | | | | | | | | | |
| 4 AGS1 | " | - | 14:57 | " | " | 1 | X | | | | | | | | | | | | | | | |
| 5 AGS2 | " | - | 15:22 | " | " | 1 | X | | | | | | | | | | | | | | | |
| 6 AGS D | " | - | 15:22 | " | " | 1 | X | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | |

NOTE: All hazardous samples must be labeled according to WHMIS guidelines. Page ____ of ____
##

NW/LCS (06/05)



Report Transmission Cover Page

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: **477747**
 Control Number: E 266542
 Date Received: Jul 13, 2006
 Date Reported: Jul 19, 2006
 Report Number: 87666

| Contact | Company | Address | | | | | | | | | |
|---|----------------------------------|--|--------|-------------------|--------|---|------|--|-----|-----------------------|-----|
| Werner Liebau Web Email Notification | Indian & Northern Affairs Canada | 415C, 300 Main Street Whitehorse, YT Y1A 2B5 Phone: (867) 667-3272 Email: liebauw@inac.g.c.ca | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Copies</th> <th>Delivery Strategy</th> <th>Format</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Post</td> <td></td> </tr> <tr> <td>A 1</td> <td>Email - Single Report</td> <td>PDF</td> </tr> </tbody> </table> | | | Copies | Delivery Strategy | Format | 1 | Post | | A 1 | Email - Single Report | PDF |
| Copies | Delivery Strategy | Format | | | | | | | | | |
| 1 | Post | | | | | | | | | | |
| A 1 | Email - Single Report | PDF | | | | | | | | | |

NOTE:P indicates a preliminary report is required
 NOTE:A indicates report is delivered using automated delivery

_____ # OF PAGES IN THIS TRANSMISSION

- Report Transmission Notes**
Agreement Notes
Lot Notes
Sample Notes:

Notes to Clients
Lot Notes:
Sample Notes:
Batch Notes:
Method Notes:
Method Result Notes:

Reports associated with this Lot
Id/Format/Reported Date
 876663 Env2QC3 Smp & DL

Id/Format/Reported Date

Id/Format/Reported Date

Comment:
 See Methodology and Notes page of Analytical Report for all comments pertaining to this report.

If this report transmission is not satisfactory, please send report requirements to the address at the top of this page.

7/19/06 876663 19-Jul-2006

7/19/2006 4:43:00PM



Sample Custody

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
ID:
Name:
Location: Arctic Gold & Silver Tailings
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 477747
Control Number: E266542
Date Received: Jul 13, 2006
Date Reported: Jul 19, 2006
Report Number: 876666

Sample Disposal Date: Aug 18, 2006

All samples will be stored until this date unless other instructions are received. Please indicate other requirements below and return this form to the address or fax number on the upper right of this page.

_____ **Extend Sample Storage Until** _____ (MM/DD/YY)

The following charges apply to extended sample storage:

| | |
|---|-----------|
| Storage for 1 to 5 samples per month | \$ 10.00 |
| Storage for 6 to 20 samples per month | \$ 15.00 |
| Storage for 21 to 50 samples per month | \$ 30.00 |
| Storage for 51 to 200 samples per month | \$ 60.00 |
| Storage for more than 200 samples per month | \$ 110.00 |

_____ **Return Sample, collect, to the address below via:**

- _____ Greyhound
- _____ Loomis
- _____ Purolator
- _____ Other (Specify) _____

Name _____
 Company: _____
 Address: _____

 Phone: _____
 Fax: _____
 Signature: _____

If no other arrangements have been made, samples will be disposed of on Aug 18, 2006.



Analytical Report

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E 26654
 Date Received: Jul 13, 2006
 Date Reported: Jul 19, 2006
 Report Number: 876663

| Analyte | Units | Results | Results | Results | Detection Limit |
|-------------------------|----------------|---------------|----------|---------|-----------------|
| Metals Dissolved | | | | | |
| Silicon | Dissolved | mg/L 31.0 | 9.15 | | 0.05 |
| Sulfur | Dissolved | mg/L 1980 | 8.6 | | 0.3 |
| Aluminum | Dissolved | mg/L 31.3 | 0.063 | | 0.005 |
| Antimony | Dissolved | mg/L 0.0013 | <0.0002 | | 0.0002 |
| Arsenic | Dissolved | mg/L 1.74 | 0.0039 | | 0.0002 |
| Barium | Dissolved | mg/L 0.007 | 0.028 | | 0.001 |
| Beryllium | Dissolved | mg/L 0.0026 | <0.0001 | | 0.0001 |
| Bismuth | Dissolved | mg/L <0.0005 | <0.0005 | | 0.0005 |
| Boron | Dissolved | mg/L 0.005 | 0.005 | | 0.002 |
| Cadmium | Dissolved | mg/L 0.0107 | 0.00010 | | 0.00001 |
| Chromium | Dissolved | mg/L 0.0188 | 0.0013 | | 0.0005 |
| Cobalt | Dissolved | mg/L 2.32 | 0.0025 | | 0.0001 |
| Copper | Dissolved | mg/L 0.137 | <0.001 | | 0.001 |
| Lead | Dissolved | mg/L 0.0172 | 0.0001 | | 0.0001 |
| Lithium | Dissolved | mg/L 0.029 | 0.003 | | 0.001 |
| Molybdenum | Dissolved | mg/L <0.001 | 0.002 | | 0.001 |
| Nickel | Dissolved | mg/L 0.939 | 0.0019 | | 0.0005 |
| Selenium | Dissolved | mg/L 0.0018 | <0.0002 | | 0.0002 |
| Silver | Dissolved | mg/L <0.0001 | <0.0001 | | 0.0001 |
| Strontium | Dissolved | mg/L 0.798 | 0.169 | | 0.001 |
| Thallium | Dissolved | mg/L <0.00005 | <0.00005 | | 0.00005 |
| Tin | Dissolved | mg/L <0.001 | <0.001 | | 0.001 |
| Titanium | Dissolved | mg/L 0.0404 | 0.0013 | | 0.0005 |
| Uranium | Dissolved | mg/L 0.0098 | 0.0013 | | 0.0005 |
| Vanadium | Dissolved | mg/L 0.0181 | 0.0014 | | 0.0001 |
| Zinc | Dissolved | mg/L 90.2 | 0.082 | | 0.001 |
| Subsample | Field Filtered | Yes | Yes | | |
| Routine Water | | | | | |
| Calcium | Dissolved | mg/L 394 | 40.6 | | 0.2 |
| Magnesium | Dissolved | mg/L 149 | 8.9 | | 0.1 |
| Sodium | Dissolved | mg/L 13.6 | 3.2 | | 0.4 |
| Potassium | Dissolved | mg/L 9.1 | 2.0 | | 0.4 |
| Iron | Dissolved | mg/L 2180 | 0.09 | | 0.01 |



Analytical Report

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E 26654
 Date Received: Jul 13, 2006
 Date Reported: Jul 19, 2006
 Report Number: 876663

| Analyte | Units | Results | Results | Results | Detection Limit |
|----------------------------------|-----------|---------|---------|---------|-----------------|
| Routine Water - Continued | | | | | |
| Manganese | Dissolved | mg/L | 88.0 | 0.390 | 0.005 |



Analytical Report

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: **477747**
 Control Number: E 26654
 Date Received: Jul 13, 2006
 Date Reported: Jul 19, 2006
 Report Number: 876663

| Analyte | Units | Results | | Results | Res ults | Detection Limit |
|---------------------|-------|----------|----------|----------|----------|-----------------|
| | | 477747-3 | 477747-4 | | | |
| Metals Total | | | | | | |
| Calcium | Total | mg/L | 10.9 | 6.6 | 7.4 | 0.2 |
| Iron | Total | mg/L | 0.2 | <0.1 | 0.2 | 0.1 |
| Magnesium | Total | mg/L | 2.2 | 1.4 | 1.5 | 0.1 |
| Manganese | Total | mg/L | 0.211 | 0.009 | 0.008 | 0.005 |
| Potassium | Total | mg/L | 0.5 | <0.4 | <0.4 | 0.4 |
| Silicon | Total | mg/L | 3.46 | 3.59 | 3.13 | 0.05 |
| Sodium | Total | mg/L | 1.8 | 1.4 | 1.5 | 0.4 |
| Sulfur | Total | mg/L | 5.2 | 0.8 | 1.1 | 0.3 |
| Aluminum | Total | mg/L | 0.047 | 0.028 | 0.020 | 0.005 |
| Antimony | Total | mg/L | <0.0002 | <0.0002 | <0.0002 | 0.0002 |
| Arsenic | Total | mg/L | 0.0022 | 0.0015 | 0.0013 | 0.0002 |
| Barium | Total | mg/L | 0.006 | 0.005 | 0.006 | 0.001 |
| Beryllium | Total | mg/L | <0.0001 | <0.0001 | <0.0001 | 0.0001 |
| Bismuth | Total | mg/L | <0.0005 | <0.0005 | <0.0005 | 0.0005 |
| Boron | Total | mg/L | 0.003 | 0.003 | 0.003 | 0.002 |
| Cadmium | Total | mg/L | 0.00012 | <0.00001 | <0.00001 | 0.00001 |
| Chromium | Total | mg/L | <0.0005 | <0.0005 | <0.0005 | 0.0005 |
| Cobalt | Total | mg/L | 0.0008 | <0.0001 | <0.0001 | 0.0001 |
| Copper | Total | mg/L | 0.002 | <0.001 | <0.001 | 0.001 |
| Lead | Total | mg/L | 0.0002 | 0.0001 | 0.0001 | 0.0001 |
| Lithium | Total | mg/L | <0.001 | <0.001 | <0.001 | 0.001 |
| Molybdenum | Total | mg/L | <0.001 | <0.001 | 0.001 | 0.001 |
| Nickel | Total | mg/L | 0.0014 | 0.0005 | <0.0005 | 0.0005 |
| Selenium | Total | mg/L | <0.0002 | <0.0002 | <0.0002 | 0.0002 |
| Silver | Total | mg/L | <0.0001 | <0.0001 | <0.0001 | 0.0001 |
| Strontium | Total | mg/L | 0.045 | 0.030 | 0.035 | 0.001 |
| Thallium | Total | mg/L | <0.00005 | <0.00005 | <0.00005 | 0.00005 |
| Tin | Total | mg/L | <0.001 | <0.001 | <0.001 | 0.001 |
| Titanium | Total | mg/L | 0.0008 | 0.0007 | <0.0005 | 0.0005 |
| Uranium | Total | mg/L | <0.0005 | <0.0005 | <0.0005 | 0.0005 |
| Vanadium | Total | mg/L | <0.0001 | <0.0001 | <0.0001 | 0.0001 |
| Zinc | Total | mg/L | 0.015 | 0.005 | 0.005 | 0.001 |
| Zirconium | Total | mg/L | <0.001 | <0.001 | <0.001 | 0.001 |



Analytical Report

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E 26654
 Date Received: Jul 13, 2006
 Date Reported: Jul 19, 2006
 Report Number: 876663

NWL Number 477747-6
 Sample Date Jul 11, 2006
 3:22:00PM
 Sample Location AG & S
 Sample Description AGSD
 Matrix Water

| Analyte | Units | Results | Result s | Results | Detection Limit |
|----------------------|-------|---------|----------|---------|-----------------|
| Meta ls Total | | | | | |
| Calcium | Total | mg/L | 7.1 | | 0.2 |
| Iron | Total | mg/L | 0.2 | | 0.1 |
| Magnesium | Total | mg/L | 1.5 | | 0.1 |
| Manganese | Total | mg/L | 0.008 | | 0.005 |
| Potassium | Total | mg/L | <0.4 | | 0.4 |
| Silicon | Total | mg/L | 3.04 | | 0.05 |
| Sodium | Total | mg/L | 1.4 | | 0.4 |
| Sulfur | Total | mg/L | 1.1 | | 0.3 |
| Aluminum | Total | mg/L | 0.020 | | 0.005 |
| Antimony | Total | mg/L | <0.0002 | | 0.0002 |
| Arsenic | Total | mg/L | 0.0012 | | 0.0002 |
| Barium | Total | mg/L | 0.005 | | 0.001 |
| Beryllium | Total | mg/L | <0.0001 | | 0.0001 |
| Bismuth | Total | mg/L | <0.0005 | | 0.0005 |
| Boron | Total | mg/L | 0.003 | | 0.002 |
| Cadmium | Total | mg/L | <0.00001 | | 0.00001 |
| Chromium | Total | mg/L | <0.0005 | | 0.0005 |
| Cobalt | Total | mg/L | <0.0001 | | 0.0001 |
| Copper | Total | mg/L | <0.001 | | 0.001 |
| Lead | Total | mg/L | <0.0001 | | 0.0001 |
| Lithium | Total | mg/L | <0.001 | | 0.001 |
| Molybdenum | Total | mg/L | <0.001 | | 0.001 |
| Nickel | Total | mg/L | <0.0005 | | 0.0005 |
| Selenium | Total | mg/L | <0.0002 | | 0.0002 |
| Silver | Total | mg/L | <0.0001 | | 0.0001 |
| Strontium | Total | mg/L | 0.032 | | 0.001 |
| Thallium | Total | mg/L | <0.00005 | | 0.00005 |
| Tin | Total | mg/L | <0.001 | | 0.001 |
| Titanium | Total | mg/L | <0.0005 | | 0.0005 |
| Uranium | Total | mg/L | <0.0005 | | 0.0005 |
| Vanadium | Total | mg/L | <0.0001 | | 0.0001 |
| Zinc | Total | mg/L | 0.004 | | 0.001 |
| Zirconium | Total | mg/L | <0.001 | | 0.001 |

**Analytical Report**

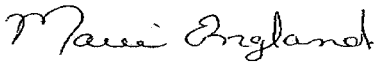
Norwest Labs
#104, 19575-55 A Ave.
Surrey, BC. V3S 8P8
Phone: (604) 514-3322
Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
Report to: Indian & Northern Affairs Canada
415C, 300 Main Street
Whitehorse, YT, Canada
Y1A2B5
Attn: Werner Liebau
Sampled By: Werner Liebau
Company: INAC

Project
ID:
Name:
Location: Arctic Gold & Silver Tailings
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 477747
Control Number: E 26654
Date Received: Jul 13, 2006
Date Reported: Jul 19, 2006
Report Number: 876663

Page: 5 of 16

Approved by: 
Marie England
Consulting Scientist



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A 2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
 ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E266542
 Date Received: Jul13, 2006
 Date Reported: Jul19, 2006
 Report Number: 87666

Metals Dissolved

| Blanks | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|------------|-------|----------|------|-------------|-------------|-----------|
| Silicon | mg/L | <0.05 | 0.00 | -0.05 | 0.05 | □ |
| Sulfur | mg/L | <0.3 | 0.0 | -0.3 | 0.3 | □ |
| Aluminum | ug/L | <5 | 0 | -5 | 5 | □ |
| Antimony | ug/L | <0.2 | 0.0 | -0.2 | 0.2 | □ |
| Arsenic | ug/L | <0.2 | 0.0 | -0.2 | 0.2 | □ |
| Barium | ug/L | <1 | 0 | -1 | 1 | □ |
| Beryllium | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | □ |
| Bismuth | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | □ |
| Boron | ug/L | <2 | 0 | -2 | 2 | □ |
| Cadmium | ug/L | <0.01 | 0.00 | -0.01 | 0.01 | □ |
| Chromium | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | □ |
| Chromium | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | □ |
| Cobalt | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | □ |
| Copper | ug/L | <1 | 0 | -1 | 1 | □ |
| Lead | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | □ |
| Lithium | ug/L | <1 | 0 | -1 | 1 | □ |
| Molybdenum | ug/L | <1 | 0 | -1 | 1 | □ |
| Nickel | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | □ |
| Selenium | ug/L | <0.2 | 0.0 | -0.2 | 0.2 | □ |
| Silver | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | □ |
| Strontium | ug/L | <1 | 0 | -1 | 1 | □ |
| Thallium | ug/L | <0.05 | 0.00 | -0.05 | 0.05 | □ |
| Tin | ug/L | <1 | 0 | -1 | 1 | □ |
| Titanium | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | □ |
| Uranium | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | □ |
| Vanadium | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | □ |
| Zinc | ug/L | <1 | 0 | -1 | 1 | □ |

Material Used: Edmonton Method Blank
 Date Acquired: Jul 17, 2006
 Acquired By: Jennifer Persson



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A 2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
 ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E266542
 Date Received: Jul 13, 2006
 Date Reported: Jul 19, 2006
 Report Number: 87666:

Metals Dissolved (Continued...)

| Replicates | Units | Replicate1 | Replicate2 | % RSD Criteria | Absolute Criteria | Passed QC |
|------------|-------|------------|------------|----------------|-------------------|-----------|
| Aluminum | ug/L | <50 | <50 | 10 | 11 | □ |
| Antimony | ug/L | <2 | <2 | 10.0 | 0.4 | □ |
| Arsenic | ug/L | 8 | 8 | 10.0 | 0.4 | □ |
| Barium | ug/L | 160 | 160 | 10 | 2 | □ |
| Beryllium | ug/L | <1 | <1 | 10.0 | 0.2 | □ |
| Bismuth | ug/L | <5 | <5 | 10.0 | 1.1 | □ |
| Boron | ug/L | 250 | 240 | 10 | 4 | □ |
| Cadmium | ug/L | <0.1 | 0.11 | 9.99 | 0.02 | □ |
| Chromium | ug/L | 7 | 6 | 10.0 | 1.1 | □ |
| Cobalt | ug/L | <1 | <1 | 10.0 | 0.2 | □ |
| Copper | ug/L | <10 | <10 | 10 | 2 | □ |
| Lead | ug/L | <1 | <1 | 10.0 | 0.2 | □ |
| Lithium | ug/L | 330 | 320 | 10 | 2 | □ |
| Molybdenum | ug/L | <10 | <10 | 10 | 2 | □ |
| Nickel | ug/L | <5 | <5 | 10.0 | 1.1 | □ |
| Selenium | ug/L | <2.0 | <2.0 | 10.0 | 0.4 | □ |
| Silver | ug/L | <1 | <1 | 10.0 | 0.2 | □ |
| Strontium | ug/L | 3340 | 3460 | 10 | 2 | □ |
| Thallium | ug/L | <0.5 | <0.5 | 9.99 | 0.11 | □ |
| Tin | ug/L | <10 | <10 | 10 | 2 | □ |
| Titanium | ug/L | <5 | <5 | 10.0 | 1.1 | □ |
| Uranium | ug/L | 236 | 239 | 10.0 | 1.1 | □ |
| Vanadium | ug/L | 4 | 4 | 10.0 | 0.2 | □ |
| Zinc | ug/L | <10 | 10 | 10 | 2 | □ |

Material Used: Edmonton Duplicate
 Date Acquired: Jul 17, 2006
 Acquired By: Jennifer Persson



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
 ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E266542
 Date Received: Jul 13, 2006
 Date Reported: Jul 19, 2006
 Report Number: 87666

Metals Dissolved (Continued...)

| Control Sample | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|----------------|------------------|----------|-------|-------------|-------------|-----------|
| Silicon | mg/L | 24.8 | 25.00 | 22.50 | 27.50 | □ |
| Sulfur | mg/L | 50.4 | 50.0 | 45.0 | 55.0 | □ |
| Material Used: | Metals High | | | | | |
| Date Acquired: | Jul 18, 2006 | | | | | |
| Acquired By: | Bvul Sim | | | | | |
| Silicon | mg/L | 0.54 | 0.50 | 0.45 | 0.55 | □ |
| Sulfur | mg/L | 0.9 | 1.0 | 0.9 | 1.2 | □ |
| Aluminum | ug/L | 1030 | 1000 | 850 | 1150 | □ |
| Antimony | ug/L | 41.8 | 40.0 | 34.0 | 46.0 | □ |
| Arsenic | ug/L | 40.8 | 40.0 | 34.0 | 46.0 | □ |
| Barium | ug/L | 206 | 200 | 170 | 230 | □ |
| Beryllium | ug/L | 20.2 | 20.0 | 17.0 | 23.0 | □ |
| Bismuth | ug/L | 107 | 100.0 | 85.0 | 115.0 | □ |
| Boron | ug/L | 388 | 400 | 340 | 460 | □ |
| Cadmium | ug/L | 1.78 | 2.00 | 1.70 | 2.30 | □ |
| Chromium | ug/L | 96.8 | 100.0 | 85.0 | 115.0 | □ |
| Cobalt | ug/L | 20.2 | 20.0 | 17.0 | 23.0 | □ |
| Copper | ug/L | 200 | 200 | 170 | 230 | □ |
| Lead | ug/L | 20.5 | 20.0 | 17.0 | 23.0 | □ |
| Lithium | ug/L | 201 | 200 | 170 | 230 | □ |
| Molybdenum | ug/L | 208 | 200 | 170 | 230 | □ |
| Nickel | ug/L | 98.4 | 100.0 | 85.0 | 115.0 | □ |
| Selenium | ug/L | 39.6 | 40.0 | 34.0 | 46.0 | □ |
| Silver | ug/L | 20.9 | 20.0 | 17.0 | 23.0 | □ |
| Strontium | ug/L | 186 | 200 | 170 | 230 | □ |
| Thallium | ug/L | 10.4 | 10.00 | 8.50 | 11.50 | □ |
| Tin | ug/L | 198 | 200 | 170 | 230 | □ |
| Titanium | ug/L | 98.9 | 100.0 | 85.0 | 115.0 | □ |
| Uranium | ug/L | 99.3 | 100.0 | 85.0 | 115.0 | □ |
| Vanadium | ug/L | 18.7 | 20.0 | 17.0 | 23.0 | □ |
| Zinc | ug/L | 204 | 200 | 170 | 230 | □ |
| Material Used: | Metals Low | | | | | |
| Date Acquired: | Jul 17, 2006 | | | | | |
| Acquired By: | Jennifer Persson | | | | | |



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
ID:
Name:
Location: Arctic Gold & Silver Tailings
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 477747
Control Number: E266542
Date Received: Jul 13, 2006
Date Reported: Jul 19, 2006
Report Number: 87666:

Metals Dissolved (Continued...)

| Control Sample | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|----------------|-------|----------|------|-------------|-------------|-----------|
| Aluminum | ug/L | 53 | 50 | 43 | 58 | ☐ |
| Antimony | ug/L | 2.0 | 2.0 | 1.7 | 2.3 | ☐ |
| Arsenic | ug/L | 2.1 | 2.0 | 1.7 | 2.3 | ☐ |
| Barium | ug/L | 10 | 10 | 9 | 12 | ☐ |
| Beryllium | ug/L | 1.1 | 1.0 | 0.9 | 1.2 | ☐ |
| Bismuth | ug/L | 5.1 | 5.0 | 4.3 | 5.8 | ☐ |
| Boron | ug/L | 18 | 20 | 17 | 23 | ☐ |
| Cadmium | ug/L | 0.10 | 0.10 | 0.09 | 0.12 | ☐ |
| Chromium | ug/L | 5.1 | 5.0 | 4.3 | 5.8 | ☐ |
| Cobalt | ug/L | 1.0 | 1.0 | 0.9 | 1.2 | ☐ |
| Copper | ug/L | 10 | 10 | 9 | 12 | ☐ |
| Lead | ug/L | 1.0 | 1.0 | 0.9 | 1.2 | ☐ |
| Lithium | ug/L | 9 | 10 | 9 | 12 | ☐ |
| Molybdenum | ug/L | 10 | 10 | 9 | 12 | ☐ |
| Nickel | ug/L | 5.1 | 5.0 | 4.3 | 5.8 | ☐ |
| Selenium | ug/L | 1.9 | 2.0 | 1.7 | 2.3 | ☐ |
| Silver | ug/L | 1 | 1.0 | 0.9 | 1.2 | ☐ |
| Strontium | ug/L | 11 | 10 | 9 | 12 | ☐ |
| Thallium | ug/L | 0.52 | 0.50 | 0.43 | 0.58 | ☐ |
| Tin | ug/L | 10 | 10 | 9 | 12 | ☐ |
| Titanium | ug/L | 5.0 | 5.0 | 4.3 | 5.8 | ☐ |
| Uranium | ug/L | 5.3 | 5.0 | 4.3 | 5.8 | ☐ |
| Vanadium | ug/L | 1 | 1.0 | 0.9 | 1.2 | ☐ |
| Zinc | ug/L | 9 | 10 | 9 | 12 | ☐ |

Material Used: Metals Trace
 Date Acquired: Jul 17, 2006
 Acquired By: Jennifer Persson



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A 2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
 ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E266542
 Date Received: Jul13, 2006
 Date Reported: Jul19, 2006
 Report Number: 87666

Metals Total

| Blanks | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|------------|-------|----------|-------|-------------|-------------|-----------|
| Calcium | mg/L | <0.2 | 0.0 | 0.0 | 0.1 | ☐ |
| Iron | mg/L | <0.1 | 0.0 | 0.0 | 0.0 | ☐ |
| Magnesium | mg/L | <0.1 | 0.0 | 0.0 | 0.0 | ☐ |
| Manganese | mg/L | <0.005 | 0.000 | -0.001 | 0.001 | ☐ |
| Potassium | mg/L | <0.4 | 0.0 | -0.1 | 0.1 | ☐ |
| Silicon | mg/L | <0.05 | 0.02 | -0.04 | 0.09 | ☐ |
| Sodium | mg/L | <0.4 | 0.1 | -0.2 | 0.3 | ☐ |
| Sulfur | mg/L | <0.3 | 0.0 | -0.3 | 0.3 | ☐ |
| Aluminum | ug/L | <5 | 0 | -5 | 5 | ☐ |
| Antimony | ug/L | <0.2 | 0.0 | -0.2 | 0.2 | ☐ |
| Arsenic | ug/L | <0.2 | 0.0 | -0.2 | 0.2 | ☐ |
| Barium | ug/L | <1 | 0 | -1 | 1 | ☐ |
| Beryllium | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | ☐ |
| Bismuth | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | ☐ |
| Boron | ug/L | <2 | 0 | -2 | 2 | ☐ |
| Cadmium | ug/L | <0.01 | 0.00 | -0.01 | 0.01 | ☐ |
| Chromium | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | ☐ |
| Cobalt | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | ☐ |
| Copper | ug/L | <1 | 0 | -1 | 1 | ☐ |
| Lead | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | ☐ |
| Lithium | ug/L | <1 | 0 | -1 | 1 | ☐ |
| Molybdenum | ug/L | <1 | 0 | -1 | 1 | ☐ |
| Nickel | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | ☐ |
| Selenium | ug/L | <0.2 | 0.0 | -0.2 | 0.2 | ☐ |
| Silver | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | ☐ |
| Strontium | ug/L | <1 | 0 | -1 | 1 | ☐ |
| Thallium | ug/L | <0.05 | 0.00 | -0.05 | 0.05 | ☐ |
| Tin | ug/L | <1 | 0 | -1 | 1 | ☐ |
| Titanium | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | ☐ |
| Uranium | ug/L | <0.5 | 0.0 | -0.5 | 0.5 | ☐ |
| Vanadium | ug/L | <0.1 | 0.0 | -0.1 | 0.1 | ☐ |
| Zinc | ug/L | <1 | 0 | -1 | 1 | ☐ |
| Zirconium | ug/L | <1 | 0 | -1 | 1 | ☐ |

Material Used: Edmonton Method Blank
 Date Acquired: Jul 17, 2006
 Acquired By: Alexandra Robert



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
ID:
Name:
Location: Arctic Gold& Silver Tailings
LSD:
P.O.:
Acct. Code:

NWL Lot ID: 477747
Control Number: E266542
Date Received: Jul13, 2006
Date Reported: Jul19, 2006
Report Number: 87666:

Metals Total (Continued...)

| Control Sample | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|----------------|-------|----------|-------|-------------|-------------|-----------|
| Calcium | mg/L | 51.3 | 50.0 | 45.0 | 55.0 | □ |
| Iron | mg/L | 2.1 | 2.0 | 1.8 | 2.2 | □ |
| Magnesium | mg/L | 20.2 | 20.0 | 18.0 | 22.0 | □ |
| Manganese | mg/L | 0.509 | 0.500 | 0.450 | 0.550 | □ |
| Potassium | mg/L | 50.8 | 50.0 | 45.0 | 55.0 | □ |
| Silicon | mg/L | 4.59 | 5.00 | 4.50 | 5.50 | □ |
| Sodium | mg/L | 49.7 | 50.0 | 45.0 | 55.0 | □ |
| Sulfur | mg/L | 10.1 | 10.0 | 9.0 | 11.0 | □ |
| Aluminum | ug/L | 305 | 322 | 273 | 371 | □ |
| Antimony | ug/L | 12.5 | 11.5 | 10.2 | 12.8 | □ |
| Arsenic | ug/L | 12.3 | 11.5 | 10.3 | 12.7 | □ |
| Barium | ug/L | 63 | 61 | 52 | 69 | □ |
| Beryllium | ug/L | 5.9 | 5.9 | 4.9 | 7.0 | □ |
| Bismuth | ug/L | 29.6 | 30.2 | 26.0 | 34.4 | □ |
| Boron | ug/L | 118 | 125 | 102 | 148 | □ |
| Cadmium | ug/L | 0.61 | 0.63 | 0.47 | 0.78 | □ |
| Chromium | ug/L | 30.8 | 31.8 | 27.5 | 36.2 | □ |
| Cobalt | ug/L | 6.3 | 6.4 | 5.4 | 7.5 | □ |
| Copper | ug/L | 61 | 63 | 55 | 70 | □ |
| Lead | ug/L | 6.1 | 6.2 | 5.4 | 7.0 | □ |
| Lithium | ug/L | 61 | 65 | 53 | 76 | □ |
| Molybdenum | ug/L | 65 | 61 | 53 | 69 | □ |
| Nickel | ug/L | 31.0 | 31.4 | 27.0 | 35.8 | □ |
| Selenium | ug/L | 12.1 | 11.0 | 9.7 | 12.3 | □ |
| Silver | ug/L | 6.5 | 6.2 | 5.5 | 7.0 | □ |
| Strontium | ug/L | 65 | 64 | 55 | 72 | □ |
| Thallium | ug/L | 3.08 | 3.14 | 2.56 | 3.72 | □ |
| Tin | ug/L | 61 | 59 | 52 | 66 | □ |
| Titanium | ug/L | 31.5 | 31.5 | 27.0 | 36.0 | □ |
| Uranium | ug/L | 30.2 | 30.8 | 26.9 | 34.7 | □ |
| Vanadium | ug/L | 6.4 | 6.5 | 5.4 | 7.6 | □ |
| Zinc | ug/L | 62 | 59 | 49 | 69 | □ |
| Zirconium | ug/L | 56 | 62 | 53 | 72 | □ |

Material Used: Edmonton Digestion Check
 Date Acquired: Jul 17, 2006
 Acquired By: Alexandra Robert



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A 2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
 ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E266542
 Date Received: Jul13, 2006
 Date Reported: Jul19, 2006
 Report Number: 876666

Page: 12 of 16

Metals Total (Continued...)

| Control Sample | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|----------------|--------------|----------|-------|-------------|-------------|-----------|
| Calcium | mcg/L | 253 | 250.0 | 225.0 | 275.0 | ☐ |
| Iron | mcg/L | 10.0 | 10.0 | 9.0 | 11.0 | ☐ |
| Magnesium | mcg/L | 98.5 | 100.0 | 90.0 | 110.0 | ☐ |
| Manganese | mcg/L | 2.42 | 2.500 | 2.250 | 2.750 | ☐ |
| Potassium | mcg/L | 242 | 250.0 | 225.0 | 275.0 | ☐ |
| Silicon | mcg/L | 24.2 | 25.00 | 22.50 | 27.50 | ☐ |
| Sodium | mcg/L | 246 | 250.0 | 225.0 | 275.0 | ☐ |
| Sulfur | mcg/L | 53.0 | 50.0 | 45.0 | 55.0 | ☐ |
| Material Used: | Metals High | | | | | |
| Date Acquired: | Jul 17, 2006 | | | | | |
| Acquired By: | To Thong | | | | | |



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A 2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
 ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E266542
 Date Received: Jul 13, 2006
 Date Reported: Jul 19, 2006
 Report Number: 87666

Metals Total (Continued...)

| Control Sample | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|----------------|------------------|----------|-------|-------------|-------------|-----------|
| Calcium | mg/L | 5.1 | 5.0 | 4.5 | 5.5 | ☐ |
| Iron | mg/L | 0.2 | 0.2 | 0.2 | 0.2 | ☐ |
| Magnesium | mg/L | 2.0 | 2.0 | 1.8 | 2.2 | ☐ |
| Manganese | mg/L | 0.051 | 0.050 | 0.045 | 0.055 | ☐ |
| Potassium | mg/L | 5.0 | 5.0 | 4.5 | 5.5 | ☐ |
| Silicon | mg/L | 0.46 | 0.50 | 0.45 | 0.55 | ☐ |
| Sodium | mg/L | 5.0 | 5.0 | 4.5 | 5.5 | ☐ |
| Sulfur | mg/L | 1 | 1.0 | 0.9 | 1.2 | ☐ |
| Aluminum | ug/L | 971 | 1000 | 850 | 1150 | ☐ |
| Antimony | ug/L | 41.0 | 40.0 | 34.0 | 46.0 | ☐ |
| Arsenic | ug/L | 41.3 | 40.0 | 34.0 | 46.0 | ☐ |
| Barium | ug/L | 203 | 200 | 170 | 230 | ☐ |
| Beryllium | ug/L | 20.0 | 20.0 | 17.0 | 23.0 | ☐ |
| Bismuth | ug/L | 95.5 | 100.0 | 85.0 | 115.0 | ☐ |
| Boron | ug/L | 395 | 400 | 340 | 460 | ☐ |
| Cadmium | ug/L | 2.20 | 2.00 | 1.70 | 2.30 | ☐ |
| Chromium | ug/L | 99.2 | 100.0 | 85.0 | 115.0 | ☐ |
| Cobalt | ug/L | 20.6 | 20.0 | 17.0 | 23.0 | ☐ |
| Copper | ug/L | 200 | 200 | 170 | 230 | ☐ |
| Lead | ug/L | 20.2 | 20.0 | 17.0 | 23.0 | ☐ |
| Lithium | ug/L | 204 | 200 | 170 | 230 | ☐ |
| Molybdenum | ug/L | 199 | 200 | 170 | 230 | ☐ |
| Nickel | ug/L | 99.0 | 100.0 | 85.0 | 115.0 | ☐ |
| Selenium | ug/L | 41.5 | 40.0 | 34.0 | 46.0 | ☐ |
| Silver | ug/L | 21.4 | 20.0 | 17.0 | 23.0 | ☐ |
| Strontium | ug/L | 204 | 200 | 170 | 230 | ☐ |
| Thallium | ug/L | 10.3 | 10.00 | 8.50 | 11.50 | ☐ |
| Tin | ug/L | 195 | 200 | 170 | 230 | ☐ |
| Titanium | ug/L | 97.7 | 100.0 | 85.0 | 115.0 | ☐ |
| Uranium | ug/L | 94.7 | 100.0 | 85.0 | 115.0 | ☐ |
| Vanadium | ug/L | 21.2 | 20.0 | 17.0 | 23.0 | ☐ |
| Zinc | ug/L | 206 | 200 | 170 | 230 | ☐ |
| Zirconium | ug/L | 210 | 200 | 170 | 230 | ☐ |
| Material Used: | Metals Low | | | | | |
| Date Acquired: | Jul 17, 2006 | | | | | |
| Acquired By: | Alexandra Robert | | | | | |



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
 ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E266542
 Date Received: Jul13, 2006
 Date Reported: Jul19, 2006
 Report Number: 87666

Metals Total (Continued...)

| Control Sample | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|----------------|-------|----------|------|-------------|-------------|-----------|
| Aluminum | uq/L | 55 | 50 | 43 | 58 | □ |
| Antimony | uq/L | 2.0 | 2.0 | 1.7 | 2.3 | □ |
| Arsenic | uq/L | 2.0 | 2.0 | 1.7 | 2.3 | □ |
| Barium | uq/L | 11 | 10 | 9 | 12 | □ |
| Beryllium | uq/L | 1.0 | 1.0 | 0.9 | 1.2 | □ |
| Bismuth | uq/L | 5.0 | 5.0 | 4.3 | 5.8 | □ |
| Boron | uq/L | 20 | 20 | 17 | 23 | □ |
| Cadmium | uq/L | 0.10 | 0.10 | 0.09 | 0.12 | □ |
| Chromium | uq/L | 5.5 | 5.0 | 4.3 | 5.8 | □ |
| Cobalt | uq/L | 1 | 1.0 | 0.9 | 1.2 | □ |
| Copper | uq/L | 10 | 10 | 9 | 12 | □ |
| Lead | uq/L | 1.0 | 1.0 | 0.9 | 1.2 | □ |
| Lithium | uq/L | 10 | 10 | 9 | 12 | □ |
| Molybdenum | uq/L | 11 | 10 | 9 | 12 | □ |
| Nickel | uq/L | 5.1 | 5.0 | 4.3 | 5.8 | □ |
| Selenium | uq/L | 2.1 | 2.0 | 1.7 | 2.3 | □ |
| Silver | uq/L | 1.0 | 1.0 | 0.9 | 1.2 | □ |
| Strontium | uq/L | 11 | 10 | 9 | 12 | □ |
| Thallium | uq/L | 0.50 | 0.50 | 0.43 | 0.58 | □ |
| Tin | uq/L | 10 | 10 | 9 | 12 | □ |
| Titanium | uq/L | 5.2 | 5.0 | 4.3 | 5.8 | □ |
| Uranium | uq/L | 5.2 | 5.0 | 4.3 | 5.8 | □ |
| Vanadium | uq/L | 1.0 | 1.0 | 0.9 | 1.2 | □ |
| Zinc | uq/L | 10 | 10 | 9 | 12 | □ |
| Zirconium | uq/L | 10 | 10 | 9 | 12 | □ |

Material Used: Metals Trace
 Date Acquired: Jul 17, 2006
 Acquired By: Alexandra Robert



Quality Control

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, B.C. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A 2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project
 ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E266542
 Date Received: Jul13, 2006
 Date Reported: Jul19, 2006
 Report Number: 876663

Routine Water

| Blanks | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|----------------|-----------------------|----------|-------|-------------|-------------|--------------------------|
| Calcium | mc/L | <0.2 | 0.0 | -0.2 | 0.2 | <input type="checkbox"/> |
| Magnesium | mc/L | <0.1 | 0.0 | -0.1 | 0.1 | <input type="checkbox"/> |
| Sodium | mc/L | <0.4 | 0.0 | -0.4 | 0.4 | <input type="checkbox"/> |
| Potassium | mc/L | <0.4 | 0.0 | -0.4 | 0.4 | <input type="checkbox"/> |
| Iron | mc/L | <0.01 | 0.00 | -0.01 | 0.01 | <input type="checkbox"/> |
| Manganese | mc/L | <0.005 | 0.000 | -0.005 | 0.005 | <input type="checkbox"/> |
| Material Used: | Edmonton Method Blank | | | | | |
| Date Acquired: | Jul 18, 2006 | | | | | |
| Acquired By: | Bvul Sim | | | | | |

| Replicates | Units | Replicate1 | Replicate2 | % RSD Criteria | Absolute Criteria | Passed QC |
|----------------|--------------------|------------|------------|----------------|-------------------|--------------------------|
| Calcium | mc/L | 88 | 89 | 10.0 | 0.6 | <input type="checkbox"/> |
| Magnesium | mc/L | 18 | 18 | 10.0 | 0.7 | <input type="checkbox"/> |
| Sodium | mc/L | 1140 | 1140 | 10.0 | 1.2 | <input type="checkbox"/> |
| Potassium | mc/L | 19 | 19 | 10.0 | 1.2 | <input type="checkbox"/> |
| Iron | mc/L | 0.32 | 0.29 | 9.99 | 0.05 | <input type="checkbox"/> |
| Manganese | mc/L | 0.49 | 0.49 | 9.990 | 0.010 | <input type="checkbox"/> |
| Material Used: | Edmonton Duplicate | | | | | |
| Date Acquired: | Jul 18, 2006 | | | | | |
| Acquired By: | Bvul Sim | | | | | |

| Control Sample | Units | Measured | Mean | Lower Limit | Upper Limit | Passed QC |
|----------------|--------------|----------|-------|-------------|-------------|--------------------------|
| Calcium | mc/L | 243 | 250.0 | 225.0 | 275.0 | <input type="checkbox"/> |
| Magnesium | mc/L | 97.9 | 100.0 | 90.0 | 110.0 | <input type="checkbox"/> |
| Sodium | mc/L | 246 | 250.0 | 225.0 | 275.0 | <input type="checkbox"/> |
| Potassium | mc/L | 254 | 250.0 | 225.0 | 275.0 | <input type="checkbox"/> |
| Iron | mc/L | 9.76 | 10.00 | 9.01 | 10.99 | <input type="checkbox"/> |
| Manganese | mc/L | 2.38 | 2.500 | 2.260 | 2.740 | <input type="checkbox"/> |
| Material Used: | Metals High | | | | | |
| Date Acquired: | Jul 18, 2006 | | | | | |
| Acquired By: | Bvul Sim | | | | | |
| Calcium | mc/L | 5.1 | 5.0 | 4.5 | 5.5 | <input type="checkbox"/> |
| Magnesium | mc/L | 2.1 | 2.0 | 1.8 | 2.2 | <input type="checkbox"/> |
| Sodium | mc/L | 4.8 | 5.0 | 4.5 | 5.5 | <input type="checkbox"/> |
| Potassium | mc/L | 4.8 | 5.0 | 4.5 | 5.5 | <input type="checkbox"/> |
| Iron | mc/L | 0.21 | 0.20 | 0.18 | 0.22 | <input type="checkbox"/> |
| Manganese | mc/L | 0.052 | 0.050 | 0.045 | 0.055 | <input type="checkbox"/> |
| Material Used: | Metals Low | | | | | |
| Date Acquired: | Jul 18, 2006 | | | | | |
| Acquired By: | Bvul Sim | | | | | |



Methodology and Notes

Norwest Labs
 #104, 19575-55 A Ave.
 Surrey, BC. V3S 8P8
 Phone: (604) 514-3322
 Fax: (604) 514-3323

Bill to: Indian & Northern Affairs Canada
 Report to: Indian & Northern Affairs Canada
 415C, 300 Main Street
 Whitehorse, YT, Canada
 Y1A 2B5
 Attn: Werner Liebau
 Sampled By: Werner Liebau
 Company: INAC

Project ID:
 Name:
 Location: Arctic Gold & Silver Tailings
 LSD:
 P.O.:
 Acct. Code:

NWL Lot ID: 477747
 Control Number: E 266542
 Date Received: Jul 13, 2006
 Date Reported: Jul 19, 2006
 Report Number: 87666

Method of Analysis:

| MethodName | Reference | Method | Date Analysis Started | Location |
|------------------------------------|-----------|---|-----------------------|-----------------------|
| Metals ICP-MS (Dissolved) in water | US EPA | * Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8 | 19-Jul-06 | Norwest Labs Edmonton |
| Metals ICP-MS (Total) in water | US EPA | * Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8 | 18-Jul-06 | Norwest Labs Edmonton |
| Metals Trace (Dissolved) in water | APHA | * Inductively Coupled Plasma (ICP) Method, 3120 B | 18-Jul-06 | Norwest Labs Edmonton |
| Metals Trace (Total) in water | APHA | * Inductively Coupled Plasma (ICP) Method, 3120 B | 18-Jul-06 | Norwest Labs Edmonton |

* Norwest method(s) is based on reference method

References :

APHA Standard Methods for the Examination of Water and Wastewater
 US EPA US Environmental Protection Agency Test Methods

Comments:

Please direct any inquiries regarding this report to our Client Services group.
 Results relate only to samples as submitted

The test report shall not be reproduced except in full, without the written approval of the laboratory