



# NORWEST LABS

Lot 366463

Control Number E 223195

## 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

<b>Sitting Address:</b> Company: <b>Laberge Environmental Services</b> Address: <b>P.O. Box 21072 1-405 Ogilvie Street Whitehorse, YT, Y1A 6P7</b> Attention: <b>Ken Nordin</b> Phone: <b>(867) 668-6838</b> Fax: <b>(867) 667-6956</b> Cell: e-mail: <b>laberge@internorth.com</b>		<b>Copy of Report To:</b> Company: <b>ACG</b> Address: Attention: <b>SCOTT KEESEY</b> Phone: Fax: Cell: e-mail:	<b>Copy of invoice:</b> <input type="checkbox"/> Mail invoice to this address for approval <input type="checkbox"/>  <b>Report Result:</b> Fax <input type="checkbox"/> Mail <input type="checkbox"/> Courier <input type="checkbox"/> e-mail <input type="checkbox"/> e-Service <input type="checkbox"/>
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**Information to be included on Report and Invoice**

Project ID: **9300 Keno Valley Receiving**

Project Name:

Project Location:

Legal Location:

PO#:

Proj. Acct. Code:

Agreement ID: **17654 (ACG)**

**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

Date Required: \_\_\_\_\_

Signature: \_\_\_\_\_

Norwest Authorization: \_\_\_\_\_

**Sample Custody (Please Print)**

Relinquished by: **KEN NORDIN**

Company **LES** Signature *[Signature]*

I authorize Norwest Labs to proceed with the work indicated on this form:

Date: \_\_\_\_\_

Initial: \_\_\_\_\_

Received By: **[Signature]** Coolers   
Boxes   
Samples

Waibill # **MAR 01 2005**

Company **jm** Time \_\_\_\_\_

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

*metals samples are preserved except for one FILTER BLANK. DISSOLVED metals have been field filtered. (KW)*

**2005**

Number of Containers	ALK	EC	HARD	PH	SD4	TSS	TW21	TW22		
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	Sample Identification	Location	Depth IN CM M	Date / Time Sampled	Matrix	Sampling Method	Enter tests above (✓ relevant samples below)													
							ALK	EC	HARD	PH	SD4	TSS	TW21	TW22						
1	S. McQ v/s Christal	KV-1	-	2-27	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	S. McQ @ PH Pond	KV-2	-	2-26	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Christal Creek site (A)		-	2-27	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Fugitive site (C)		-	2-27	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Hillside @ into Culvert #4		-	2-28	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	DUP-1		-	2-27	H <sub>2</sub> O	GRAB	2													✓
7	Christal site (D)		-	2-27	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Christal v/s Hwy	KV-6	-	2-27	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Christal @ HC Road	KV-7	-	2-27	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Christal v/s S. McQ	KV-8	-	2-27	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Flat CK v/s S. McQ	KV-9	-	2-26	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	G300 ADIT		-	2-27	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	G300 DECANT		-	2-27	H <sub>2</sub> O	GRAB	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	SW-A		-	2-27	H <sub>2</sub> O	GRAB	2													✓
15	FILTER BLANK		-	2-28	D.I.		2													✓



# 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:** Access Mining Consultants Ltd.  
**Report to:** Access Mining Consultants Ltd.  
# 3 Calcite Business Centre  
151 Industrial Road  
Whitehorse, YT, Canada  
Y1A 2V3  
Attn: Scott Keeseey  
Sampled By: Ken Nordin  
Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
**Control Number:** E 223195  
**Date Received:** Mar 01, 2005  
**Date Reported:** Mar 07, 2005  
**Report Number:** 667800

Contact	Company	Address									
<b>Scott Keeseey</b> Web Email Notification	Access Mining Consultants Ltd.	# 3 Calcite Business Centre, 151 Industrial Road Whitehorse, YT Y1A 2V3 Phone: (867) 668-6463 Fax: (867) 667-6680 Email: scott@accessconsulting.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><b>A</b> 1</td> <td>Email - Single Report</td> <td>Standard List</td> </tr> </tbody> </table>		Copies	Delivery Strategy	Format	1	Post		<b>A</b> 1	Email - Single Report	Standard List	
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1	Post										
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<b>xxxTravis xxxRitchie</b> Web x Email Notification x	Access Mining Consultants Ltd.	# 3 Calcite Business Centre, 151 Industrial Road Whitehorse, YT Y1A 2V3 Phone: (867) 668-6463 Fax: (867) 667-6680 Email: travis@accessconsulting.ca									
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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:

Field filtered and preserved metals bottle included in the routine analysis and subsampled accordingly.  
AH 3-4-5  
Some total metal results were less than dissolved metal results for samples 366463-1-14 . The results were checked and are within the method uncertainty.050307FM.

##### Sample Notes:

##### Batch Notes:

##### Method Notes:

##### Method Result Notes:

## Reports associated with this Lot

Id/Format/Reported Date  
667800 Env2 3 Smp & DL

Id/Format/Reported Date

Id/Format/Reported Date



## Report Transmission Cover Page

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Whitehorse, YT, Canada  
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Sampled By: Ken Nordin  
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**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.

3/7/05

667800 07-Mar-2005



# Sample Custody

Norwest Labs  
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## Sample Disposal Date: Apr 06, 2005

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 Apr 06, 2005.



# Analytical Report

Norwest Labs  
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 Surrey, BC. V3S 8P8  
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**Report Number:** 667800

Analyte	Units	366463-1		366463-2		366463-3	
		Sample Description	S. McQ U/S Christal / KV-1 / Feb. 27/05	S. McQ @ PH Pond / KV-2 / Feb. 26/05	Christal Creek Site (A) / Feb. 27/05	Detection Limit	
		Matrix	Water - General	Water - General	Water - General		
<b>Metals Dissolved</b>			<b>Results</b>	<b>Results</b>	<b>Results</b>		
Silicon	Dissolved	mg/L	2.39	3.23	4.41	0.05	
Sulfur	Dissolved	mg/L	21.6	30.7	117	0.3	
Aluminum	Dissolved	mg/L	<0.005	<0.005	<0.005	0.005	
Antimony	Dissolved	mg/L	<0.0002	<0.0002	<0.0002	0.0002	
Arsenic	Dissolved	mg/L	0.0014	0.0015	0.0016	0.0002	
Barium	Dissolved	mg/L	0.072	0.079	0.062	0.001	
Beryllium	Dissolved	mg/L	<0.0001	<0.0001	<0.0001	0.0001	
Bismuth	Dissolved	mg/L	0.0005	<0.0005	<0.0005	0.0005	
Boron	Dissolved	mg/L	<0.002	<0.002	<0.002	0.002	
Cadmium	Dissolved	mg/L	0.00006	0.00010	0.00043	0.00001	
Chromium	Dissolved	mg/L	<0.0005	<0.0005	<0.0005	0.0005	
Cobalt	Dissolved	mg/L	0.0001	<0.0001	0.0004	0.0001	
Copper	Dissolved	mg/L	<0.001	<0.001	<0.001	0.001	
Lead	Dissolved	mg/L	<0.0001	<0.0001	0.0001	0.0001	
Lithium	Dissolved	mg/L	0.005	0.005	0.014	0.001	
Molybdenum	Dissolved	mg/L	<0.001	<0.001	<0.001	0.001	
Nickel	Dissolved	mg/L	0.0037	0.0028	0.0034	0.0005	
Selenium	Dissolved	mg/L	0.0005	0.0005	0.0007	0.0002	
Silver	Dissolved	mg/L	<0.0001	<0.0001	<0.0001	0.0001	
Strontium	Dissolved	mg/L	0.256	0.234	0.305	0.001	
Thallium	Dissolved	mg/L	<0.00005	<0.00005	<0.00005	0.00005	
Tin	Dissolved	mg/L	<0.001	<0.001	<0.001	0.001	
Titanium	Dissolved	mg/L	0.0011	0.0014	0.0062	0.0005	
Uranium	Dissolved	mg/L	0.0008	0.0009	0.0056	0.0005	
Vanadium	Dissolved	mg/L	0.0001	0.0001	0.0001	0.0001	
Zinc	Dissolved	mg/L	0.016	0.031	0.172	0.001	
<b>Metals Total</b>							
Calcium	Total	mg/L	59.5	66.0	160	0.2	
Iron	Total	mg/L	0.2	0.2	0.3	0.1	
Magnesium	Total	mg/L	20.1	20.7	27.6	0.1	
Manganese	Total	mg/L	0.046	0.064	1.38	0.005	
Potassium	Total	mg/L	0.6	0.5	0.6	0.4	
Silicon	Total	mg/L	3.11	3.17	4.33	0.05	
Sodium	Total	mg/L	3.0	2.7	1.5	0.4	
Sulfur	Total	mg/L	27.4	30.4	114	0.3	



# Analytical Report

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Analyte	Units	366463-1		366463-2		366463-3	
		Sample Description	S. McQ U/S Christal / KV-1 / Feb. 27/05	S. McQ @ PH Pond / KV-2 / Feb. 26/05	Christal Creek Site (A) / Feb. 27/05	Detection Limit	
		Matrix	Water - General	Water - General	Water - General		
<b>Metals Total - Continued</b>							
Aluminum	Total	mg/L	0.018	0.013	0.023	0.005	
Antimony	Total	mg/L	<0.0002	<0.0002	0.0003	0.0002	
Arsenic	Total	mg/L	0.0017	0.0019	0.0031	0.0002	
Barium	Total	mg/L	0.080	0.088	0.069	0.001	
Beryllium	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001	
Bismuth	Total	mg/L	<0.0005	0.0009	0.0007	0.0005	
Boron	Total	mg/L	0.003	0.003	<0.002	0.002	
Cadmium	Total	mg/L	0.00007	0.00014	0.00071	0.00001	
Chromium	Total	mg/L	<0.0005	<0.0005	<0.0005	0.0005	
Cobalt	Total	mg/L	0.0002	<0.0001	0.0005	0.0001	
Copper	Total	mg/L	<0.001	<0.001	<0.001	0.001	
Lead	Total	mg/L	0.0001	0.0006	0.0044	0.0001	
Lithium	Total	mg/L	0.005	0.005	0.015	0.001	
Molybdenum	Total	mg/L	<0.001	<0.001	<0.001	0.001	
Nickel	Total	mg/L	0.0046	0.0035	0.0041	0.0005	
Selenium	Total	mg/L	0.0004	0.0005	0.0007	0.0002	
Silver	Total	mg/L	<0.0001	<0.0001	<0.0001	0.0001	
Strontium	Total	mg/L	0.252	0.238	0.300	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	0.0017	0.0021	0.0068	0.0005	
Uranium	Total	mg/L	0.0008	0.0010	0.0061	0.0005	
Vanadium	Total	mg/L	0.0017	0.0014	0.0013	0.0001	
Zinc	Total	mg/L	0.016	0.030	0.168	0.001	
Zirconium	Total	mg/L	<0.001	<0.001	<0.001	0.001	
<b>Physical and Aggregate Properties</b>							
Solids	Total Suspended	mg/L	<2	<2	<2	1	
<b>Routine Water</b>							
pH	Water	pH	7.6	7.7	7.5		
Electrical Conductivity	Water	uS/cm	445	475	935	1	
Calcium	Dissolved	mg/L	54.9	65.8	161	0.2	
Magnesium	Dissolved	mg/L	18.0	20.3	27.1	0.1	
Sodium	Dissolved	mg/L	3.3	2.8	1.6	0.4	
Potassium	Dissolved	mg/L	0.8	0.5	0.6	0.4	
Iron	Dissolved	mg/L	0.05	0.04	0.02	0.01	



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Analyte	Units	366463-1		366463-2		366463-3	
		Sample Description	Matrix	Results	Results	Results	Detection Limit
<b>Routine Water - Continued</b>							
Manganese	Dissolved	S. McQ U/S Christal / KV-1 / Feb. 27/05	Water - General	0.035	0.058	1.36	0.005
Sulfate (SO4)	Dissolved	S. McQ @ PH Pond / KV-2 / Feb. 26/05	Water - General	78.2	89.8	343	0.1
Hydroxide	Water	Christal Creek Site (A) / Feb. 27/05	Water - General	<5	<5	<5	5
Carbonate	Water			<6	<6	<6	5
Bicarbonate	Water			185	198	188	5
T-Alkalinity	as CaCO3			152	163	154	5
Hardness	Dissolved as CaCO3			211	248	514	



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Analyte	Units	NWL Number	366463-4	366463-5	366463-6	Detection Limit
		Sample Description	Fugitive Slte (C) / Feb. 27/05	Hillside Q into Culvert # 4 / Feb. 28/05	Dup - 1 / Feb. 27/05	
		Matrix	Water - General	Water - General	Water - General	
<b>Metals Dissolved</b>						
Silicon	Dissolved	mg/L	3.40	3.18	3.47	0.05
Sulfur	Dissolved	mg/L	359	337	365	0.3
Aluminum	Dissolved	mg/L	<0.050	<0.050	<0.050	0.005
Antimony	Dissolved	mg/L	<0.0020	<0.0020	<0.0020	0.0002
Arsenic	Dissolved	mg/L	<0.002	<0.002	<0.002	0.0002
Barium	Dissolved	mg/L	0.026	0.029	0.027	0.001
Beryllium	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Bismuth	Dissolved	mg/L	0.0071	0.0070	0.0070	0.0005
Boron	Dissolved	mg/L	<0.02	<0.02	<0.02	0.002
Cadmium	Dissolved	mg/L	0.00573	0.0150	0.00594	0.00001
Chromium	Dissolved	mg/L	<0.0050	<0.0050	<0.0050	0.0005
Cobalt	Dissolved	mg/L	<0.001	0.0020	<0.001	0.0001
Copper	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Lead	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Lithium	Dissolved	mg/L	0.019	0.014	0.019	0.001
Molybdenum	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Nickel	Dissolved	mg/L	0.0082	0.022	0.0082	0.0005
Selenium	Dissolved	mg/L	<0.002	<0.002	<0.002	0.0002
Silver	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Strontium	Dissolved	mg/L	0.691	0.645	0.717	0.001
Thallium	Dissolved	mg/L	<0.0005	<0.0005	<0.0005	0.00005
Tin	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Titanium	Dissolved	mg/L	0.018	0.016	0.018	0.0005
Uranium	Dissolved	mg/L	<0.005	<0.005	<0.005	0.0005
Vanadium	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Zinc	Dissolved	mg/L	4.14	6.58	4.19	0.001
<b>Metals Total</b>						
Calcium	Total	mg/L	406	369	392	0.2
Iron	Total	mg/L	<0.1	0.3	<0.1	0.1
Magnesium	Total	mg/L	62.6	57.5	60.3	0.1
Manganese	Total	mg/L	0.048	3.27	0.047	0.005
Potassium	Total	mg/L	0.4	<0.4	<0.4	0.4
Silicon	Total	mg/L	3.50	3.21	3.36	0.05
Sodium	Total	mg/L	2.2	2.2	2.1	0.4
Sulfur	Total	mg/L	368	326	351	0.3





# Analytical Report

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

**Bill to:** Access Mining Consultants Ltd.  
**Report to:** Access Mining Consultants Ltd.  
 # 3 Calcite Business Centre  
 151 Industrial Road  
 Whitehorse, YT, Canada  
 Y1A 2V3  
 Attn: Scott Keeseey  
 Sampled By: Ken Nordin  
 Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
**Control Number:** E 223195  
**Date Received:** Mar 01, 2005  
**Date Reported:** Mar 07, 2005  
**Report Number:** 667800

Analyte	Units	366463-4		366463-5		366463-6	
		Matrix	Water - General	Water - General	Water - General	Water - General	Detection Limit
<b>Metals Total - Continued</b>							
Aluminum	Total		<0.05	<0.05	<0.05	0.005	
Antimony	Total		0.0049	0.0053	0.0051	0.0002	
Arsenic	Total		<0.002	0.0020	<0.002	0.0002	
Barium	Total		0.027	0.032	0.025	0.001	
Beryllium	Total		<0.001	<0.001	<0.001	0.0001	
Bismuth	Total		0.0074	0.0081	0.019	0.0005	
Boron	Total		<0.02	<0.02	<0.02	0.002	
Cadmium	Total		0.00587	0.0142	0.00567	0.00001	
Chromium	Total		<0.005	<0.005	<0.005	0.0005	
Cobalt	Total		<0.001	0.0028	<0.001	0.0001	
Copper	Total		<0.010	<0.010	<0.010	0.001	
Lead	Total		<0.001	0.0012	<0.001	0.0001	
Lithium	Total		0.020	0.014	0.020	0.001	
Molybdenum	Total		<0.01	<0.01	<0.01	0.001	
Nickel	Total		0.037	0.048	0.034	0.0005	
Selenium	Total		0.0052	0.0023	0.0021	0.0002	
Silver	Total		<0.001	<0.001	<0.001	0.0001	
Strontium	Total		0.751	0.673	0.714	0.001	
Thallium	Total		<0.0005	<0.0005	<0.0005	0.00005	
Tin	Total		<0.01	<0.01	<0.01	0.001	
Titanium	Total		0.023	0.021	0.020	0.0005	
Uranium	Total		<0.005	<0.005	<0.005	0.0005	
Vanadium	Total		<0.001	<0.001	<0.001	0.0001	
Zinc	Total		3.76	6.10	3.58	0.001	
Zirconium	Total		<0.010	<0.010	<0.010	0.001	
<b>Routine Water</b>							
pH	Water	pH	7.5	7.6	-		
Electrical Conductivity	Water	uS/cm	1930	1820	-	1	
Calcium	Dissolved	mg/L	387	380	399	0.2	
Magnesium	Dissolved	mg/L	58.2	57.7	60.7	0.1	
Sodium	Dissolved	mg/L	2.2	2.1	2.2	0.4	
Potassium	Dissolved	mg/L	<0.4	<0.4	<0.4	0.4	
Iron	Dissolved	mg/L	<0.01	<0.01	<0.01	0.01	
Manganese	Dissolved	mg/L	0.047	3.10	0.057	0.005	
Sulfate (SO4)	Dissolved	mg/L	1120	1040	-	0.1	



# Analytical Report

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

**Bill to:** Access Mining Consultants Ltd.  
**Report to:** Access Mining Consultants Ltd.  
 # 3 Calcite Business Centre  
 151 Industrial Road  
 Whitehorse, YT, Canada  
 Y1A 2V3  
 Attn: Scott Keesey  
 Sampled By: Ken Nordin  
 Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
 Control Number: E 223195  
 Date Received: Mar 01, 2005  
 Date Reported: Mar 07, 2005  
 Report Number: 667800

	NWL Number	366463-4	366463-5	366463-6	
	Sample Description	Fugitive Slte (C) / Feb. 27/05	Hillside Q into Culvert # 4 / Feb. 28/05	Dup - 1 / Feb. 27/05	
	Matrix	Water - General	Water - General	Water - General	
Analyte	Units	Results	Results	Results	Detection Limit
<b>Routine Water - Continued</b>					
Hydroxide	Water	mg/L	<5	<5	- 5
Carbonate	Water	mg/L	<6	<6	- 5
Bicarbonate	Water	mg/L	125	154	- 5
T-Alkalinity	as CaCO3	mg/L	103	126	- 5
Hardness	Dissolved as CaCO3	mg/L	1200	1190	-

	NWL Number	366463-4	366463-5	366463-7	
	Sample Description	Fugitive Slte (C) / Feb. 27/05	Hillside Q into Culvert # 4 / Feb. 28/05	Christal Site (D) / Feb. 27/05	
	Matrix	Water - General	Water - General	Water - General	
Analyte	Units	Results	Results	Results	Detection Limit
<b>Physical and Aggregate Properties</b>					
Solids	Total Suspended	mg/L	<2	6	<2 1



# Analytical Report

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

**Bill to:** Access Mining Consultants Ltd.  
**Report to:** Access Mining Consultants Ltd.  
 # 3 Calcite Business Centre  
 151 Industrial Road  
 Whitehorse, YT, Canada  
 Y1A 2V3  
 Attn: Scott Keeseey  
 Sampled By: Ken Nordin  
 Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
**Control Number:** E 223195  
**Date Received:** Mar 01, 2005  
**Date Reported:** Mar 07, 2005  
**Report Number:** 667800

Analyte	Units	NWL Number	366463-7	366463-8	366463-9	Detection Limit
		Sample Description	Christal Site (D) / Feb. 27/05	Christal U/S Hwy / KV-6 / Feb. 27/05	Christal @ HL Road / KV-7 / Feb. 27/05	
		Matrix	Water - General	Water - General	Water - General	
<b>Metals Dissolved</b>						
Silicon	Dissolved	mg/L	4.35	4.46	3.99	0.05
Sulfur	Dissolved	mg/L	131	112	97.5	0.3
Aluminum	Dissolved	mg/L	<0.050	<0.050	<0.050	0.005
Antimony	Dissolved	mg/L	<0.0020	<0.0020	<0.0020	0.0002
Arsenic	Dissolved	mg/L	<0.002	<0.002	<0.002	0.0002
Barium	Dissolved	mg/L	0.065	0.074	0.062	0.001
Beryllium	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Bismuth	Dissolved	mg/L	0.0070	0.0070	0.0070	0.0005
Boron	Dissolved	mg/L	<0.02	<0.02	<0.02	0.002
Cadmium	Dissolved	mg/L	0.00100	0.00043	0.00053	0.00001
Chromium	Dissolved	mg/L	<0.0050	<0.0050	<0.005	0.0005
Cobalt	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Copper	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Lead	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Lithium	Dissolved	mg/L	0.014	0.012	<0.01	0.001
Molybdenum	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Nickel	Dissolved	mg/L	<0.005	<0.0050	<0.0050	0.0005
Selenium	Dissolved	mg/L	<0.002	<0.002	<0.002	0.0002
Silver	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Strontium	Dissolved	mg/L	0.344	0.249	0.297	0.001
Thallium	Dissolved	mg/L	<0.0005	<0.0005	<0.0005	0.00005
Tin	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Titanium	Dissolved	mg/L	<0.005	<0.005	<0.005	0.0005
Uranium	Dissolved	mg/L	<0.005	0.0051	<0.005	0.0005
Vanadium	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Zinc	Dissolved	mg/L	0.476	0.154	0.228	0.001
<b>Metals Total</b>						
Calcium	Total	mg/L	176	156	137	0.2
Iron	Total	mg/L	0.3	0.2	0.1	0.1
Magnesium	Total	mg/L	30.5	27.5	27.2	0.1
Manganese	Total	mg/L	1.36	1.67	0.427	0.005
Potassium	Total	mg/L	0.5	0.8	0.6	0.4
Silicon	Total	mg/L	4.34	4.42	3.88	0.05
Sodium	Total	mg/L	1.7	1.6	1.6	0.4
Sulfur	Total	mg/L	128	111	94.6	0.3



# Analytical Report

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

**Bill to:** Access Mining Consultants Ltd.  
**Report to:** Access Mining Consultants Ltd.  
 # 3 Calcite Business Centre  
 151 Industrial Road  
 Whitehorse, YT, Canada  
 Y1A 2V3  
 Attn: Scott Keeseey  
 Sampled By: Ken Nordin  
 Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
**Control Number:** E 223195  
**Date Received:** Mar 01, 2005  
**Date Reported:** Mar 07, 2005  
**Report Number:** 667800

Analyte	Units	366463-7		366463-8		366463-9	
		Sample Description	Christal Site (D) / Feb. 27/05	Christal U/S Hwy / KV-6 / Feb. 27/05	Christal @ HL Road / KV-7 / Feb. 27/05	Matrix	Water - General
		Matrix	Water - General	Water - General	Water - General	Results	Detection Limit
<b>Metals Total - Continued</b>							
Aluminum	Total	mg/L	<0.05	<0.05	<0.05	0.005	0.005
Antimony	Total	mg/L	0.0050	0.0050	0.0048	0.0002	0.0002
Arsenic	Total	mg/L	0.0026	0.0038	<0.002	0.0002	0.0002
Barium	Total	mg/L	0.065	0.075	0.061	0.001	0.001
Beryllium	Total	mg/L	<0.001	<0.001	<0.001	0.0001	0.0001
Bismuth	Total	mg/L	0.010	0.0096	0.0090	0.0005	0.0005
Boron	Total	mg/L	<0.02	<0.02	<0.02	0.002	0.002
Cadmium	Total	mg/L	0.00099	0.00071	0.00058	0.00001	0.00001
Chromium	Total	mg/L	<0.005	<0.005	<0.005	0.0005	0.0005
Cobalt	Total	mg/L	<0.001	<0.001	<0.001	0.0001	0.0001
Copper	Total	mg/L	<0.010	<0.010	<0.010	0.001	0.001
Lead	Total	mg/L	0.0034	0.0090	<0.001	0.0001	0.0001
Lithium	Total	mg/L	0.014	0.013	0.010	0.001	0.001
Molybdenum	Total	mg/L	<0.01	<0.01	<0.01	0.001	0.001
Nickel	Total	mg/L	0.010	0.0088	0.0066	0.0005	0.0005
Selenium	Total	mg/L	<0.002	<0.002	<0.002	0.0002	0.0002
Silver	Total	mg/L	<0.001	<0.001	<0.001	0.0001	0.0001
Strontium	Total	mg/L	0.346	0.264	0.300	0.001	0.001
Thallium	Total	mg/L	<0.0005	<0.0005	<0.0005	0.00005	0.00005
Tin	Total	mg/L	<0.01	<0.01	<0.01	0.001	0.001
Titanium	Total	mg/L	0.0079	0.0063	<0.005	0.0005	0.0005
Uranium	Total	mg/L	0.0061	0.0070	<0.005	0.0005	0.0005
Vanadium	Total	mg/L	<0.001	<0.001	<0.001	0.0001	0.0001
Zinc	Total	mg/L	0.412	0.143	0.199	0.001	0.001
Zirconium	Total	mg/L	<0.010	<0.010	<0.010	0.001	0.001
<b>Routine Water</b>							
pH	Water	pH	7.5	7.6	7.9		
Electrical Conductivity	Water	uS/cm	1000	930	845	1	
Calcium	Dissolved	mg/L	175	155	140	0.2	
Magnesium	Dissolved	mg/L	29.6	26.6	27.1	0.1	
Sodium	Dissolved	mg/L	1.8	1.6	1.7	0.4	
Potassium	Dissolved	mg/L	<0.4	0.4	<0.4	0.4	
Iron	Dissolved	mg/L	<0.01	<0.01	<0.01	0.01	
Manganese	Dissolved	mg/L	1.33	1.63	0.422	0.005	
Sulfate (SO4)	Dissolved	mg/L	457	320	269	0.1	



# Analytical Report

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

**Bill to:** Access Mining Consultants Ltd.  
**Report to:** Access Mining Consultants Ltd.  
 # 3 Calcite Business Centre  
 151 Industrial Road  
 Whitehorse, YT, Canada  
 Y1A 2V3  
 Attn: Scott Keeseey  
 Sampled By: Ken Nordin  
 Company: LES

**Project ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
 Control Number: E 223195  
 Date Received: Mar 01, 2005  
 Date Reported: Mar 07, 2005  
 Report Number: 667800

Analyte	Units	366463-7		366463-8		366463-9	
		Sample Description	Matrix	Results	Results	Results	Detection Limit
<b>Routine Water - Continued</b>							
Hydroxide	Water	Christal Site (D) / Feb. 27/05	Water - General	<5	<5	<5	5
Carbonate	Water	Christal U/S Hwy / KV-6 / Feb. 27/05	Water - General	<6	<6	<6	5
Bicarbonate	Water	Christal @ HL Road / KV-7 / Feb. 27/05	Water - General	196	192	206	5
T-Alkalinity	as CaCO3			160	157	169	5
Hardness	Dissolved as CaCO3			558	496	461	

Analyte	Units	366463-8		366463-9		366463-10	
		Sample Description	Matrix	Results	Results	Results	Detection Limit
<b>Physical and Aggregate Properties</b>							
Solids	Total Suspended	Christal U/S Hwy / KV-6 / Feb. 27/05	Water - General	<2	<2	2	1
		Christal @ HL Road / KV-7 / Feb. 27/05	Water - General				
		Christal U/S S. McQ / KV-8 / Feb. 27/05	Water - General				



# Analytical Report

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

**Bill to:** Access Mining Consultants Ltd.  
**Report to:** Access Mining Consultants Ltd.  
 # 3 Calcite Business Centre  
 151 Industrial Road  
 Whitehorse, YT, Canada  
 Y1A 2V3  
 Attn: Scott Keeseey  
 Sampled By: Ken Nordin  
 Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
**Control Number:** E 223195  
**Date Received:** Mar 01, 2005  
**Date Reported:** Mar 07, 2005  
**Report Number:** 667800

Analyte	Units	NWL Number	366463-10	366463-11	366463-12	Detection Limit
		Sample Description	Christal U/S S. McQ / KV-8 / Feb. 27/05	Flat Ck U/S S/ McQ / KV-9 / Feb. 26/05	G300 Adit / Feb. 27/05	
		Matrix	Water - General	Water - General	Water - General	
<b>Metals Dissolved</b>						
Silicon	Dissolved	mg/L	4.18	2.77	4.63	0.05
Sulfur	Dissolved	mg/L	98.7	59.1	328	0.3
Aluminum	Dissolved	mg/L	<0.050	<0.050	<0.050	0.005
Antimony	Dissolved	mg/L	<0.0020	<0.0020	<0.0020	0.0002
Arsenic	Dissolved	mg/L	<0.002	<0.002	0.111	0.0002
Barium	Dissolved	mg/L	0.060	0.117	<0.01	0.001
Beryllium	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Bismuth	Dissolved	mg/L	<0.005	<0.005	<0.005	0.0005
Boron	Dissolved	mg/L	<0.02	<0.02	<0.02	0.002
Cadmium	Dissolved	mg/L	0.00076	0.00020	0.200	0.00001
Chromium	Dissolved	mg/L	<0.005	<0.005	<0.0050	0.0005
Cobalt	Dissolved	mg/L	<0.001	<0.001	0.0984	0.0001
Copper	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Lead	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Lithium	Dissolved	mg/L	<0.01	<0.01	0.025	0.001
Molybdenum	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Nickel	Dissolved	mg/L	<0.005	<0.005	0.383	0.0005
Selenium	Dissolved	mg/L	<0.002	<0.002	<0.002	0.0002
Silver	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Strontium	Dissolved	mg/L	0.304	0.221	0.240	0.001
Thallium	Dissolved	mg/L	<0.0005	<0.0005	0.0012	0.00005
Tin	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Titanium	Dissolved	mg/L	<0.005	<0.005	0.012	0.0005
Uranium	Dissolved	mg/L	<0.005	<0.005	<0.005	0.0005
Vanadium	Dissolved	mg/L	<0.001	0.0011	<0.001	0.0001
Zinc	Dissolved	mg/L	0.233	<0.01	135	0.001
<b>Metals Total</b>						
Calcium	Total	mg/L	144	109	187	0.2
Iron	Total	mg/L	<0.1	<0.1	23.8	0.1
Magnesium	Total	mg/L	29.9	30.0	40.0	0.1
Manganese	Total	mg/L	0.189	0.057	148	0.005
Potassium	Total	mg/L	0.6	0.6	<0.4	0.4
Silicon	Total	mg/L	4.30	2.73	4.60	0.05
Sodium	Total	mg/L	2.0	2.3	1.5	0.4
Sulfur	Total	mg/L	100	58.2	326	0.3



# Analytical Report

**Norwest Labs**  
 #104, 19575-55 A Ave.  
 Surrey, BC. V3S 8P8  
 Phone: (604) 514-3322  
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**Bill to:** Access Mining Consultants Ltd.  
**Report to:** Access Mining Consultants Ltd.  
 # 3 Calcite Business Centre  
 151 Industrial Road  
 Whitehorse, YT, Canada  
 Y1A 2V3  
 Attn: Scott Keeseey  
 Sampled By: Ken Nordin  
 Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
**Control Number:** E 223195  
**Date Received:** Mar 01, 2005  
**Date Reported:** Mar 07, 2005  
**Report Number:** 667800

Analyte	Units	NWL Number	366463-10	366463-11	366463-12	Detection Limit
		Sample Description	Christal U/S S. McQ / KV-8 / Feb. 27/05	Flat Ck U/S S/ McQ / KV-9 / Feb. 26/05	G300 Adit / Feb. 27/05	
		Matrix	Water - General	Water - General	Water - General	
<b>Metals Total - Continued</b>						
Aluminum	Total	mg/L	<0.05	<0.05	<0.05	0.005
Antimony	Total	mg/L	0.0054	0.0053	0.0053	0.0002
Arsenic	Total	mg/L	<0.002	<0.002	0.154	0.0002
Barium	Total	mg/L	0.064	0.121	<0.01	0.001
Beryllium	Total	mg/L	<0.001	<0.001	<0.001	0.0001
Bismuth	Total	mg/L	0.0083	0.0082	0.0083	0.0005
Boron	Total	mg/L	<0.02	<0.02	<0.02	0.002
Cadmium	Total	mg/L	0.00074	0.00017	0.193	0.00001
Chromium	Total	mg/L	<0.005	<0.005	<0.005	0.0005
Cobalt	Total	mg/L	<0.001	<0.001	0.103	0.0001
Copper	Total	mg/L	<0.010	<0.010	<0.010	0.001
Lead	Total	mg/L	0.0014	0.0015	0.0157	0.0001
Lithium	Total	mg/L	<0.01	<0.01	0.028	0.001
Molybdenum	Total	mg/L	<0.01	<0.01	<0.01	0.001
Nickel	Total	mg/L	0.0061	<0.005	0.414	0.0005
Selenium	Total	mg/L	<0.002	<0.002	<0.002	0.0002
Silver	Total	mg/L	<0.001	<0.001	<0.001	0.0001
Strontium	Total	mg/L	0.319	0.232	0.247	0.001
Thallium	Total	mg/L	<0.0005	<0.0005	0.0014	0.00005
Tin	Total	mg/L	<0.01	<0.01	<0.01	0.001
Titanium	Total	mg/L	0.0061	<0.005	0.017	0.0005
Uranium	Total	mg/L	<0.005	<0.005	<0.005	0.0005
Vanadium	Total	mg/L	<0.001	<0.001	<0.001	0.0001
Zinc	Total	mg/L	0.291	<0.01	130	0.001
Zirconium	Total	mg/L	<0.010	<0.010	<0.010	0.001
<b>Routine Water</b>						
pH	Water	pH	7.8	7.7	6.3	
Electrical Conductivity	Water	uS/cm	890	740	1740	1
Calcium	Dissolved	mg/L	144	110	188	0.2
Magnesium	Dissolved	mg/L	29.1	29.5	39.7	0.1
Sodium	Dissolved	mg/L	2.2	2.4	1.6	0.4
Potassium	Dissolved	mg/L	0.5	0.5	0.4	0.4
Iron	Dissolved	mg/L	0.02	0.01	22.4	0.01
Manganese	Dissolved	mg/L	0.177	0.057	155	0.005
Sulfate (SO4)	Dissolved	mg/L	274	163	1000	0.1



# Analytical Report

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

**Bill to:** Access Mining Consultants Ltd.  
**Report to:** Access Mining Consultants Ltd.  
 # 3 Calcite Business Centre  
 151 Industrial Road  
 Whitehorse, YT, Canada  
 Y1A 2V3  
 Attn: Scott Keeseey  
 Sampled By: Ken Nordin  
 Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
 Control Number: E 223195  
 Date Received: Mar 01, 2005  
 Date Reported: Mar 07, 2005  
 Report Number: 667800

		NWL Number	366463-10	366463-11	366463-12	
		Sample Description	Christal U/S S. McQ / KV-8 / Feb. 27/05	Flat Ck U/S S/ McQ / KV-9 / Feb. 26/05	G300 Adit / Feb. 27/05	
		Matrix	Water - General	Water - General	Water - General	
Analyte		Units	Results	Results	Results	Detection Limit
<b>Routine Water - Continued</b>						
Hydroxide	Water	mg/L	<5	<5	<5	5
Carbonate	Water	mg/L	<6	<6	<6	5
Bicarbonate	Water	mg/L	211	276	57	5
T-Alkalinity	as CaCO3	mg/L	173	227	47	5
Hardness	Dissolved as CaCO3	mg/L	480	396	633	

		NWL Number	366463-11	366463-12	366463-13	
		Sample Description	Flat Ck U/S S/ McQ / KV-9 / Feb. 26/05	G300 Adit / Feb. 27/05	G300 Decant / Feb. 27/05	
		Matrix	Water - General	Water - General	Water - General	
Analyte		Units	Results	Results	Results	Detection Limit
<b>Physical and Aggregate Properties</b>						
Solids	Total Suspended	mg/L	<2	15	23	1





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**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
**Control Number:** E 223195  
**Date Received:** Mar 01, 2005  
**Date Reported:** Mar 07, 2005  
**Report Number:** 667800

Analyte		Units	NWL Number	366463-13	366463-14	Detection Limit
			Sample Description	G300 Decant / Feb. 27/05	SW.A / Feb. 27/05	
			Matrix	Water - General	Water - General	
<b>Metals Total</b>						
Calcium	Total	mg/L		332	327	0.2
Iron	Total	mg/L		0.2	0.2	0.1
Magnesium	Total	mg/L		36.2	35.6	0.1
Manganese	Total	mg/L		81.8	75.7	0.005
Potassium	Total	mg/L		<0.4	<0.4	0.4
Silicon	Total	mg/L		0.58	0.58	0.05
Sodium	Total	mg/L		1.6	1.6	0.4
Sulfur	Total	mg/L		327	321	0.3
Aluminum	Total	mg/L		<0.05	<0.05	0.005
Antimony	Total	mg/L		0.0048	0.0048	0.0002
Arsenic	Total	mg/L		0.0038	0.0036	0.0002
Barium	Total	mg/L		<0.01	<0.01	0.001
Beryllium	Total	mg/L		<0.001	<0.001	0.0001
Bismuth	Total	mg/L		0.0078	0.0076	0.0005
Boron	Total	mg/L		<0.02	<0.02	0.002
Cadmium	Total	mg/L		0.0158	0.0164	0.00001
Chromium	Total	mg/L		<0.005	<0.005	0.0005
Cobalt	Total	mg/L		0.0055	0.0057	0.0001
Copper	Total	mg/L		<0.010	<0.010	0.001
Lead	Total	mg/L		<0.001	<0.001	0.0001
Lithium	Total	mg/L		0.028	0.028	0.001
Molybdenum	Total	mg/L		<0.01	<0.01	0.001
Nickel	Total	mg/L		0.026	0.029	0.0005
Selenium	Total	mg/L		<0.002	<0.002	0.0002
Silver	Total	mg/L		<0.001	<0.001	0.0001
Strontium	Total	mg/L		0.515	0.512	0.001
Thallium	Total	mg/L		0.0012	0.0012	0.00005
Tin	Total	mg/L		<0.01	<0.01	0.001
Titanium	Total	mg/L		0.018	0.019	0.0005
Uranium	Total	mg/L		<0.005	<0.005	0.0005
Vanadium	Total	mg/L		<0.001	<0.001	0.0001
Zinc	Total	mg/L		1.01	1.07	0.001
Zirconium	Total	mg/L		<0.010	<0.010	0.001



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 # 3 Calcite Business Centre  
 151 Industrial Road  
 Whitehorse, YT, Canada  
 Y1A 2V3  
 Attn: Scott Keeseey  
 Sampled By: Ken Nordin  
 Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
**Control Number:** E 223195  
**Date Received:** Mar 01, 2005  
**Date Reported:** Mar 07, 2005  
**Report Number:** 667800

Analyte	Units	NWL Number	366463-13	366463-14	366463-15	Detection Limit
		Sample Description	G300 Decant / Feb. 27/05	SW.A / Feb. 27/05	Filter Blank / Feb. 28/05	
		Matrix	Water - General	Water - General	Water - General	
<b>Metals Dissolved</b>						
Silicon	Dissolved	mg/L	0.53	0.55	4.01	0.05
Sulfur	Dissolved	mg/L	325	324	0.6	0.3
Aluminum	Dissolved	mg/L	<0.050	<0.050	<0.050	0.005
Antimony	Dissolved	mg/L	<0.0020	<0.0020	<0.0020	0.0002
Arsenic	Dissolved	mg/L	<0.002	<0.002	<0.002	0.0002
Barium	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Beryllium	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Bismuth	Dissolved	mg/L	<0.005	<0.005	<0.005	0.0005
Boron	Dissolved	mg/L	<0.02	<0.02	<0.02	0.002
Cadmium	Dissolved	mg/L	0.0123	0.0121	<0.0001	0.00001
Chromium	Dissolved	mg/L	<0.005	<0.005	<0.005	0.0005
Cobalt	Dissolved	mg/L	0.0045	0.0044	<0.001	0.0001
Copper	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Lead	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Lithium	Dissolved	mg/L	0.026	0.025	<0.01	0.001
Molybdenum	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Nickel	Dissolved	mg/L	0.012	0.012	<0.005	0.0005
Selenium	Dissolved	mg/L	<0.002	<0.002	<0.002	0.0002
Silver	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Strontium	Dissolved	mg/L	0.493	0.494	<0.01	0.001
Thallium	Dissolved	mg/L	0.0011	0.0010	<0.0005	0.00005
Tin	Dissolved	mg/L	<0.01	<0.01	<0.01	0.001
Titanium	Dissolved	mg/L	0.011	0.012	<0.005	0.0005
Uranium	Dissolved	mg/L	<0.005	<0.005	<0.005	0.0005
Vanadium	Dissolved	mg/L	<0.001	<0.001	<0.001	0.0001
Zinc	Dissolved	mg/L	0.489	0.310	<0.01	0.001
<b>Routine Water</b>						
pH	Water	pH	8.0	-	-	
Electrical Conductivity	Water	uS/cm	1730	-	-	1
Calcium	Dissolved	mg/L	328	332	0.4	0.2
Magnesium	Dissolved	mg/L	35.5	35.6	<0.1	0.1
Sodium	Dissolved	mg/L	1.7	1.7	<0.4	0.4
Potassium	Dissolved	mg/L	<0.4	<0.4	<0.4	0.4
Iron	Dissolved	mg/L	0.04	0.01	<0.01	0.01
Manganese	Dissolved	mg/L	78.6	73.3	0.088	0.005



# Analytical Report

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# 3 Calcite Business Centre  
151 Industrial Road  
Whitehorse, YT, Canada  
Y1A 2V3  
Attn: Scott Keeseey  
Sampled By: Ken Nordin  
Company: LES

**Project**  
**ID:** G300 Receiving  
**Name:**  
**Location:**  
**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** 366463  
Control Number: E 223195  
Date Received: Mar 01, 2005  
Date Reported: Mar 07, 2005  
Report Number: 667800

Analyte	Units	Results	366463-13		366463-14		366463-15	
			Sample Description	Matrix	Sample Description	Matrix	Sample Description	Matrix
<b>Routine Water - Continued</b>								
Sulfate (SO4)	Dissolved	mg/L	1010		-		-	0.1
Hydroxide	Water	mg/L	<5		-		-	5
Carbonate	Water	mg/L	<6		-		-	5
Bicarbonate	Water	mg/L	104		-		-	5
T-Alkalinity	as CaCO3	mg/L	86		-		-	5
Hardness	Dissolved as CaCO3	mg/L	966		-		-	

Approved by:

Bill Warning, B.Sc.  
Lab Operations Manager



## Methodology and Notes

Norwest Labs  
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### Method of Analysis:

MethodName	Reference	Method	Date Analysis Started	Location
Alkalinity (Surrey)	APHA	* Titration Method, 2320 B	4-Mar-05	Norwest Labs Surrey
Anions by IEC in water (Surrey)	APHA	* Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B	7-Mar-05	Norwest Labs Surrey
Conductivity (Surrey)	APHA	* Conductivity - Laboratory Method, 2510 B	2-Mar-05	Norwest Labs Surrey
Conductivity (Surrey)	APHA	* Conductivity - Laboratory Method, 2510 B	3-Mar-05	Norwest Labs Surrey
Metals ICP-MS (Dissolved) in water	US EPA	* Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	4-Mar-05	Norwest Labs Edmonton
Metals ICP-MS (Dissolved) in water	US EPA	* Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	4-Mar-05	Norwest Labs Edmonton
Metals ICP-MS (Total) in water	US EPA	* Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8	4-Mar-05	Norwest Labs Edmonton
Metals Trace (Dissolved) in water	APHA	* Inductively Coupled Plasma (ICP) Method, 3120 B	4-Mar-05	Norwest Labs Edmonton
Metals Trace (Dissolved) in water	APHA	* Inductively Coupled Plasma (ICP) Method, 3120 B	7-Mar-05	Norwest Labs Edmonton
Metals Trace (Total) in water	APHA	* Inductively Coupled Plasma (ICP) Method, 3120 B	4-Mar-05	Norwest Labs Edmonton
pH in water (Surrey)	APHA	* Electrometric Method, 4500-H+ B	3-Mar-05	Norwest Labs Surrey
Solids Suspended (Total, Fixed and Volatile)	APHA	* Total Suspended Solids Dried at 103-105°C, 2540 D	3-Mar-05	Norwest Labs Surrey

\* 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:

Field filtered and preserved metals bottle included in the routine analysis and subsampled accordingly. AH 3-4-5  
 Some total metal results were less than dissolved metal results for samples 366463-1-14 . The results were checked and are within the method uncertainty.050307FM.

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

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