



# NORWEST LABS

## INFORMATION SHEET SOILS - WASTE - OTHER

1 of 3  
CONTROL NUMBER

SO 35003

RESULTS & INVOICE TO: <b>Laberge Environmental Services</b>	COPY OF RESULTS TO:	WORK ORDER NO. <b>361274</b>
COMPANY: <b>P.O. Box 21072</b>	COMPANY:	DATE STAMP
ADDRESS: <b>Whitehorse</b>	ADDRESS:	
CITY/TOWN: <b>Yukon</b>	CITY/TOWN:	
PROVINCE: <b>Y1A 6P7</b>	PROVINCE:	
POSTAL CODE: <b>BONNIE BURNS</b>	POSTAL CODE:	
ATTENTION: <b>867-668-6838</b>	ATTENTION:	
PHONE: <b>laberge@internorth.com</b>	PHONE:	
FAX:	FAX:	
CELL:	CELL:	

PURCHASE ORDER NO.:	PROJECT REF.: <b>KENO VALLEY RECEIVING WATERS MONITORING</b>	REF/QUOTE NO.:
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DATE SAMPLED  D  M  Y NUMBER OF SAMPLES SOIL  SOLID WASTE  PLANT  OTHER (SPECIFY) \_\_\_\_\_

SPECIAL INSTRUCTIONS (SEE OVER FOR IMPORTANT SAMPLE INFORMATION INSTRUCTIONS AND ANALYSIS CODES)

RUSH DATE REQUIRED  D  M  Y SURCHARGE WILL APPLY ON RUSHES % QA REPORT

Spoke to client: He would like the ST33 package of metals.

Analysis note: BCSALM prep. procedures

COMPLETION DATE  D  M  Y

SAMPLE CUSTODY	SAMPLED BY <b>Bonnie Burns</b>	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
	COMPANY <b>L.E.S.</b>	COMPANY	COMPANY	COMPANY
	DATE <b>July '04</b>	DATE	DATE	DATE

SITE I.D.	SAMPLE DESCRIPTION	DEPTH (CM)	ANALYSIS PACKAGE CODES (USE CODES LISTED ON THE REVERSE OF THIS SHEET)	LAB CODING
1	KV1-A S. McQuesten w/s Christal	-	Dry each sample and	
2	KV1-B " "	-	sieve through a 100 mesh	
3	KV1-C " "	-	(0.15 mm) stainless steel	
4	KV2-A S. McQuesten @ pump house	-	sieve.	
5	KV2-B " "	-	Run an ICP metals scan	
6	KV2-C " "	-	on the portion that	
7	KV3-A S. McQuesten w/s Flat Cr	-	passed through the	
8	KV3-B " "	-	screen to low detection	
9	KV3-C " "	-	limits.	
10	KV4-A S. McQuesten 300 d/s Flat Cr	-		
11	KV4-B " "	-		
12	KV4-C " "	-		
13	KV5-A S. McQuesten 9 km Flat Cr	-		
14	KV5-B " "	-		
15	KV5-C " "	-		

NTON PH. (403) 438-5522 FAX (403) 438-0396  
 WRY PH. (403) 291-2022 FAX (403) 291-2021  
 EY PH. (604) 530-4344 FAX (604) 534-9996  
 BRIDGE PH. (403) 329-9266 FAX (403) 327-8527  
 PEG PH. (204) 982-8630 FAX (204) 275-6019

NOTE: Please complete this form in its entirety to ensure correct testing and reporting requirements.  
 ACCREDITED BY THE STANDARDS COUNCIL OF CANADA FOR SPECIFIC TESTS.



# NORWEST LABS

## INFORMATION SHEET SOILS - WASTE - OTHER

2003  
CONTROL NUMBER  
SO 35005

RESULTS & INVOICE TO: <i>Laberge Environmental Services</i>	COPY OF RESULTS TO:	WORK ORDER NO. <i>360274</i>
COMPANY: <i>P.O. Box 21072</i>	COMPANY:	DATE STAMP
ADDRESS: <i>Whitford Yukon</i>	ADDRESS:	
CITY/TOWN: <i>Yukon</i>	CITY/TOWN:	
PROVINCE: <i>YIA 6P7</i>	PROVINCE:	
POSTAL CODE: <i>Bonnie Burns</i>	POSTAL CODE:	
ATTENTION: <i>867-668-6838</i>	ATTENTION:	
PHONE: <i>email: Laberge@internorth.com</i>	PHONE:	
FAX:	CELL:	

PURCHASE ORDER NO.:	PROJECT REF.: <i>KENO VALLEY RECEIVING</i>	REF./QUOTE NO.: <i>WATERS MONITORING</i>
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DATE SAMPLED:  D  M  Y NUMBER OF SAMPLES: SOIL  SOLID WASTE  PLANT  OTHER (SPECIFY) \_\_\_\_\_

SPECIAL INSTRUCTIONS (SEE OVER FOR IMPORTANT SAMPLE INFORMATION INSTRUCTIONS AND ANALYSIS CODES)

RUSH DATE REQUIRED:  D  M  Y SURCHARGE WILL APPLY ON RUSHES: \_\_\_\_\_ % QA REPORT

*Spoke to client & He would like the ST33 package of metals.*

*Analysis note: BCSALM prep. procedures*

CLIENT NO. \_\_\_\_\_

COMPLETION DATE:  D  M  Y

SAMPLE CUSTODY	SAMPLED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
	COMPANY	COMPANY	COMPANY	COMPANY
	DATE	DATE	DATE	DATE

SITE I.D.	SAMPLE DESCRIPTION	DEPTH (CM)	ANALYSIS PACKAGE CODES (USE CODES LISTED ON THE REVERSE OF THIS SHEET)	LAB CODING
1	<i>KV6-A Christal Cr @ Kono Hwy</i>	-	<i>- same as page 1</i>	
2	<i>KV6-B " " "</i>	-		
3	<i>KV6-C " " "</i>	-		
4	<i>KV7-A Christal Cr u/s Hanson Rd</i>	-		
5	<i>KV7-B " " "</i>	-		
6	<i>KV7-C " " "</i>	-		
7	<i>KV8-A Christal Cr @ mouth</i>	-		
8	<i>KV8-B " " "</i>	-		
9	<i>KV8-C " " "</i>	-		
10	<i>KV9-A Flat Cr @ mouth</i>	-		
11	<i>KV9-B " " "</i>	-		
12	<i>KV9-C " " "</i>	-		
13	<i>KV37A lightning Cr u/s Hope Gulch</i>	-		
14	<i>KV37B " " "</i>	-		
15	<i>KV37-C " " "</i>	-		

EDMONTON PH. (403) 438-5522 FAX (403) 438-0396  
 CALGARY PH. (403) 291-2022 FAX (403) 291-2021  
 LANGLEY PH. (604) 530-4344 FAX (604) 534-9996  
 LETHBRIDGE PH. (403) 329-9266 FAX (403) 327-8527  
 WINNIPEG PH. (204) 982-8630 FAX (204) 275-6019

NOTE: Please complete this form in its entirety to ensure correct testing and reporting requirements.  
 ACCREDITED BY THE STANDARDS COUNCIL OF CANADA FOR SPECIFIC TESTS.



# NORWEST LABS

## INFORMATION SHEET SOILS - WASTE - OTHER

393

CONTROL NUMBER

SO 35004

RESULTS & INVOICE TO: <i>Loberg Environmental Services</i>	COPY OF RESULTS TO:	WORK ORDER NO. <i>361274</i>
COMPANY: <i>PO Box 21070</i>	COMPANY:	DATE STAMP
ADDRESS: <i>Whitehorse YT</i>	ADDRESS:	
CITY/TOWN: <i>XIA 6 P7</i>	CITY/TOWN:	
PROVINCE: <i>Bonnie Burns</i>	PROVINCE:	
POSTAL CODE: <i>867-668-6838</i>	POSTAL CODE:	
ATTENTION: <i>867-668-6838</i>	ATTENTION:	
PHONE: <i>email: loberg@internorth.com</i>	PHONE:	
FAX:	FAX:	
CELL:	CELL:	

PURCHASE ORDER NO.:	PROJECT REF.: <i>Keno Valley Licensing Wells Monitoring</i>	REF/QUOTE NO.:
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DATE SAMPLED	NUMBER OF SAMPLES	SOIL	SOLID WASTE	PLANT	OTHER (SPECIFY)
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SPECIAL INSTRUCTIONS (SEE OVER FOR IMPORTANT SAMPLE INFORMATION INSTRUCTIONS AND ANALYSIS CODES)		CLIENT NO.
RUSH DATE REQUIRED	SURCHARGE WILL APPLY ON RUSHES	QA REPORT <input type="checkbox"/>
Analysis notes: <i>BCSALM prep. procedures</i>		LP
		COMPLETION DATE

SAMPLE CUSTODY	SAMPLED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
	COMPANY	COMPANY	COMPANY	COMPANY
	DATE	DATE	DATE	DATE

SITE I.D.	SAMPLE DESCRIPTION	DEPTH (CM)	ANALYSIS PACKAGE CODES (USE CODES LISTED ON THE REVERSE OF THIS SHEET)	LAB CODING
1	<i>KV38-A Lightning Cr w/s Thunder Creek</i>	<i>Gravel</i>	<i>Same as page 1</i>	
2	<i>KV38-B "</i>	<i>"</i>		
3	<i>KV38-C "</i>	<i>"</i>		
4	<i>KV41-A Lightning Cr @ Keno City Bridge</i>			
5	<i>KV41-B "</i>			
6	<i>KV41-C "</i>			
7				
8				
9				
10				
11				
12				
13				
14				
15				

EDMONTON PH. (403) 438-5522 FAX (403) 438-0396  
 CALGARY PH. (403) 291-2022 FAX (403) 291-2021  
 LANGLEY PH. (604) 530-4344 FAX (604) 534-9996  
 LETHBRIDGE PH. (403) 329-9266 FAX (403) 327-8527  
 WINNIPEG PH. (204) 982-8630 FAX (204) 275-6019

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# 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:** Laberge Environmental Services  
**Report to:** Laberge Environmental Services  
Box 21072  
1-405 Ogilvie Street  
Whitehorse, YT, Canada  
Y1A 6P7  
Attn: Ken Nordin  
Sampled By: Bonnie Burns  
Company: L.E.S.

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

**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Contact	Company	Address												
Ken Nordin Web x Email Notification x	Laberge Environmental Services	Box 21072, 1-405 Ogilvie Street Whitehorse, YT Y1A 6P7 Phone: (867) 668-1043 Email: laberge@internorth.com												
<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> <tr> <td>A 1</td> <td>Email - Single Report</td> <td>Standard List</td> </tr> </tbody> </table>		Copies	Delivery Strategy	Format	1	Post		A 1	Email - Single Report	PDF	A 1	Email - Single Report	Standard List	Fax: (867) 667-6956
Copies	Delivery Strategy	Format												
1	Post													
A 1	Email - Single Report	PDF												
A 1	Email - Single Report	Standard List												

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:

<b>Notes to Clients</b> <u>Lot Notes:</u> <u>Sample Notes:</u> <u>Batch Notes:</u> <u>Method Notes:</u> <u>Method Result Notes:</u>
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### Reports associated with this Lot

<u>Id/Format/Reported Date</u>	<u>Id/Format/Reported Date</u>	<u>Id/Format/Reported Date</u>
658993 Env2 3 Smp & DL		

### **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.

2/11/05 658993 11-Feb-2005



# Sample Custody

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

**Bill to:** Laberge Environmental Services  
**Report to:** Laberge Environmental Services  
Box 21072  
1-405 Ogilvie Street  
Whitehorse, YT, Canada  
Y1A 6P7  
Attn: Ken Nordin  
Sampled By: Bonnie Burns  
Company: L.E.S.

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

**NWL Lot ID:** 361274  
Control Number: SO 35003  
Date Received: Feb 03, 2005  
Date Reported: Feb 10, 2005  
Report Number: 658993

## Sample Disposal Date: Mar 12, 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 Mar 12, 2005.



# Analytical Report

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

**Bill to:** Laberge Environmental Services  
**Report to:** Laberge Environmental Services  
 Box 21072  
 1-405 Ogilvie Street  
 Whitehorse, YT, Canada  
 Y1A 6P7  
 Attn: Ken Nordin  
 Sampled By: Bonnie Burns  
 Company: L.E.S.

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

**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Analyte	Matrix	NWL Number 361274-1		NWL Number 361274-2		NWL Number 361274-3	
		Units	Results	Units	Results	Units	Detection Limit
<b>Metals Strong Acid Extractable</b>							
Aluminum	Strong Acid Extractable	ug/g	9870	ug/g	8710	ug/g	5
Antimony	Strong Acid Extractable	ug/g	0.80	ug/g	0.72	ug/g	0.2
Arsenic	Strong Acid Extractable	ug/g	26.6	ug/g	18.6	ug/g	0.2
Barium	Strong Acid Extractable	ug/g	226	ug/g	179	ug/g	1
Beryllium	Strong Acid Extractable	ug/g	0.24	ug/g	0.18	ug/g	0.1
Bismuth	Strong Acid Extractable	ug/g	0.56	ug/g	0.31	ug/g	0.5
Cadmium	Strong Acid Extractable	ug/g	3.87	ug/g	2.12	ug/g	0.01
Calcium	Strong Acid Extractable	ug/g	13600	ug/g	10200	ug/g	200
Chromium	Strong Acid Extractable	ug/g	12.3	ug/g	11.6	ug/g	0.5
Cobalt	Strong Acid Extractable	ug/g	17.8	ug/g	13.4	ug/g	0.1
Copper	Strong Acid Extractable	ug/g	24.2	ug/g	15.3	ug/g	1
Iron	Strong Acid Extractable	ug/g	15200	ug/g	13700	ug/g	10
Lead	Strong Acid Extractable	ug/g	14.3	ug/g	10.4	ug/g	0.1
Lithium	Strong Acid Extractable	ug/g	9.5	ug/g	8.9	ug/g	1
Magnesium	Strong Acid Extractable	ug/g	6790	ug/g	6340	ug/g	200
Manganese	Strong Acid Extractable	ug/g	844	ug/g	650	ug/g	5
Molybdenum	Strong Acid Extractable	ug/g	1.3	ug/g	1.1	ug/g	1
Nickel	Strong Acid Extractable	ug/g	60.0	ug/g	42.2	ug/g	0.5
Phosphorus	Strong Acid Extractable	ug/g	792	ug/g	747	ug/g	30
Potassium	Strong Acid Extractable	ug/g	820	ug/g	620	ug/g	400
Selenium	Strong Acid Extractable	ug/g	1.06	ug/g	0.56	ug/g	0.2
Silver	Strong Acid Extractable	ug/g	0.38	ug/g	0.28	ug/g	0.1
Sodium	Strong Acid Extractable	ug/g	<200	ug/g	<200	ug/g	400
Strontium	Strong Acid Extractable	ug/g	34.6	ug/g	25.9	ug/g	1
Thallium	Strong Acid Extractable	ug/g	0.14	ug/g	0.11	ug/g	0.1
Tin	Strong Acid Extractable	ug/g	1.6	ug/g	<0.5	ug/g	1
Titanium	Strong Acid Extractable	ug/g	204	ug/g	198	ug/g	0.5
Uranium	Strong Acid Extractable	ug/g	1.7	ug/g	1.0	ug/g	0.5
Vanadium	Strong Acid Extractable	ug/g	21.5	ug/g	20.6	ug/g	0.1
Zinc	Strong Acid Extractable	ug/g	378	ug/g	265	ug/g	1
Zirconium	Strong Acid Extractable	ug/g	3.1	ug/g	2.4	ug/g	1



# Analytical Report

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

**Bill to:** Laberge Environmental Services  
**Report to:** Laberge Environmental Services  
 Box 21072  
 1-405 Ogilvie Street  
 Whitehorse, YT, Canada  
 Y1A 6P7  
 Attn: Ken Nordin  
 Sampled By: Bonnie Burns  
 Company: L.E.S.

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

**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Analyte	Units	361274-4		361274-5		361274-6	
		Matrix	Soil - general	Soil - general	Soil - general	Soil - general	Detection Limit
<b>Metals Strong Acid Extractable</b>							
Aluminum	Strong Acid Extractable	ug/g	9500	10500	7400	5	
Antimony	Strong Acid Extractable	ug/g	13.9	7.52	18.0	0.2	
Arsenic	Strong Acid Extractable	ug/g	67.1	80.8	88.5	0.2	
Barium	Strong Acid Extractable	ug/g	123	221	108	1	
Beryllium	Strong Acid Extractable	ug/g	0.14	0.25	0.10	0.1	
Bismuth	Strong Acid Extractable	ug/g	0.30	0.37	0.33	0.5	
Cadmium	Strong Acid Extractable	ug/g	8.98	13.8	8.94	0.01	
Calcium	Strong Acid Extractable	ug/g	7470	13100	6890	200	
Chromium	Strong Acid Extractable	ug/g	14.4	12.6	9.26	0.5	
Cobalt	Strong Acid Extractable	ug/g	9.91	17.2	7.99	0.1	
Copper	Strong Acid Extractable	ug/g	18.5	29.4	18.7	1	
Iron	Strong Acid Extractable	ug/g	16300	18600	17300	10	
Lead	Strong Acid Extractable	ug/g	326	344	461	0.1	
Lithium	Strong Acid Extractable	ug/g	8.5	9.2	7.3	1	
Magnesium	Strong Acid Extractable	ug/g	6760	7520	5820	200	
Manganese	Strong Acid Extractable	ug/g	1770	1800	2690	5	
Molybdenum	Strong Acid Extractable	ug/g	1.4	1.3	1.0	1	
Nickel	Strong Acid Extractable	ug/g	33.6	59.4	23.9	0.5	
Phosphorus	Strong Acid Extractable	ug/g	710	814	990	30	
Potassium	Strong Acid Extractable	ug/g	500	940	430	400	
Selenium	Strong Acid Extractable	ug/g	0.27	1.34	<0.1	0.2	
Silver	Strong Acid Extractable	ug/g	5.99	6.47	6.58	0.1	
Sodium	Strong Acid Extractable	ug/g	<200	<200	<200	400	
Strontium	Strong Acid Extractable	ug/g	19.1	31.9	17.3	1	
Thallium	Strong Acid Extractable	ug/g	0.09	0.14	0.07	0.1	
Tin	Strong Acid Extractable	ug/g	0.8	1.4	3.2	1	
Titanium	Strong Acid Extractable	ug/g	146	192	124	0.5	
Uranium	Strong Acid Extractable	ug/g	0.64	1.2	0.70	0.5	
Vanadium	Strong Acid Extractable	ug/g	19.5	21.8	17.7	0.1	
Zinc	Strong Acid Extractable	ug/g	551	828	599	1	
Zirconium	Strong Acid Extractable	ug/g	1.9	2.9	1.7	1	



# Analytical Report

Norwest Labs  
 #104, 19575-55 A Ave.  
 Surrey, BC. V3S 8P8  
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 Attn: Ken Nordin  
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**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Analyte	Matrix	Units	NWL Number	361274-7	361274-8	361274-9	Detection Limit
			Sample Description	KV3 - A / S. McQuesten u/s Flat Cr / July '04	KV3 - B / S. McQuesten u/s Flat Cr / July '04	KV3 - C / S. McQuesten u/s Flat Cr / July '04	
<b>Metals Strong Acid Extractable</b>							
Aluminum	Strong Acid Extractable	ug/g		11000	11000	10900	5
Antimony	Strong Acid Extractable	ug/g		22.2	9.29	14.8	0.2
Arsenic	Strong Acid Extractable	ug/g		109	91.3	79.5	0.2
Barium	Strong Acid Extractable	ug/g		196	211	179	1
Beryllium	Strong Acid Extractable	ug/g		0.22	0.22	0.20	0.1
Bismuth	Strong Acid Extractable	ug/g		0.35	0.38	0.34	0.5
Cadmium	Strong Acid Extractable	ug/g		15.2	14.9	14.3	0.01
Calcium	Strong Acid Extractable	ug/g		12100	13500	10700	200
Chromium	Strong Acid Extractable	ug/g		11.9	11.7	11.7	0.5
Cobalt	Strong Acid Extractable	ug/g		13.3	14.2	11.9	0.1
Copper	Strong Acid Extractable	ug/g		29.5	29.4	26.6	1
Iron	Strong Acid Extractable	ug/g		17400	17100	16100	10
Lead	Strong Acid Extractable	ug/g		871	534	626	0.1
Lithium	Strong Acid Extractable	ug/g		8.4	8.6	8.4	1
Magnesium	Strong Acid Extractable	ug/g		6930	6990	6360	200
Manganese	Strong Acid Extractable	ug/g		2760	1620	1800	5
Molybdenum	Strong Acid Extractable	ug/g		1.1	1.1	0.8	1
Nickel	Strong Acid Extractable	ug/g		43.8	50.5	39.2	0.5
Phosphorus	Strong Acid Extractable	ug/g		873	887	960	30
Potassium	Strong Acid Extractable	ug/g		910	1000	840	400
Selenium	Strong Acid Extractable	ug/g		0.76	1.09	0.70	0.2
Silver	Strong Acid Extractable	ug/g		9.98	6.44	7.95	0.1
Sodium	Strong Acid Extractable	ug/g		<200	<200	<200	400
Strontium	Strong Acid Extractable	ug/g		21.0	22.7	21.5	1
Thallium	Strong Acid Extractable	ug/g		0.17	0.15	0.14	0.1
Tin	Strong Acid Extractable	ug/g		1.0	1.4	1.0	1
Titanium	Strong Acid Extractable	ug/g		156	164	144	0.5
Uranium	Strong Acid Extractable	ug/g		1.0	1.3	1.2	0.5
Vanadium	Strong Acid Extractable	ug/g		20.4	20.1	21.1	0.1
Zinc	Strong Acid Extractable	ug/g		933	873	848	1
Zirconium	Strong Acid Extractable	ug/g		2.2	2.7	2.1	1





# Analytical Report

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

**Bill to:** Laberge Environmental Services  
**Report to:** Laberge Environmental Services  
 Box 21072  
 1-405 Ogilvie Street  
 Whitehorse, YT, Canada  
 Y1A 6P7  
 Attn: Ken Nordin  
 Sampled By: Bonnie Burns  
 Company: L.E.S.

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

**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Analyte	Units	361274-10		361274-11		361274-12	
		Matrix	Soil - general	Soil - general	Soil - general	Soil - general	Detection Limit
<b>Metals Strong Acid Extractable</b>							
Aluminum	Strong Acid Extractable	ug/g	9470	17600	16600	5	
Antimony	Strong Acid Extractable	ug/g	22.2	2.70	2.95	0.2	
Arsenic	Strong Acid Extractable	ug/g	94.9	13.1	13.5	0.2	
Barium	Strong Acid Extractable	ug/g	176	493	441	1	
Beryllium	Strong Acid Extractable	ug/g	0.16	0.35	0.31	0.1	
Bismuth	Strong Acid Extractable	ug/g	0.34	0.48	0.46	0.5	
Cadmium	Strong Acid Extractable	ug/g	13.0	1.86	1.97	0.01	
Calcium	Strong Acid Extractable	ug/g	9880	55800	41800	200	
Chromium	Strong Acid Extractable	ug/g	11.2	19.9	18.4	0.5	
Cobalt	Strong Acid Extractable	ug/g	10.5	9.20	8.44	0.1	
Copper	Strong Acid Extractable	ug/g	27.8	27.4	26.4	1	
Iron	Strong Acid Extractable	ug/g	16800	19300	18000	10	
Lead	Strong Acid Extractable	ug/g	798	59.7	73.0	0.1	
Lithium	Strong Acid Extractable	ug/g	7.8	14.4	14.0	1	
Magnesium	Strong Acid Extractable	ug/g	6380	23100	18400	200	
Manganese	Strong Acid Extractable	ug/g	2520	549	518	5	
Molybdenum	Strong Acid Extractable	ug/g	0.9	2.4	2.1	1	
Nickel	Strong Acid Extractable	ug/g	31.4	24.0	22.0	0.5	
Phosphorus	Strong Acid Extractable	ug/g	929	666	649	30	
Potassium	Strong Acid Extractable	ug/g	1000	3170	2630	400	
Selenium	Strong Acid Extractable	ug/g	0.70	0.46	0.33	0.2	
Silver	Strong Acid Extractable	ug/g	7.63	1.10	1.40	0.1	
Sodium	Strong Acid Extractable	ug/g	240	230	<200	400	
Strontium	Strong Acid Extractable	ug/g	20.5	50.2	44.4	1	
Thallium	Strong Acid Extractable	ug/g	0.17	0.22	0.20	0.1	
Tin	Strong Acid Extractable	ug/g	1.4	0.6	<0.5	1	
Titanium	Strong Acid Extractable	ug/g	164	142	133	0.5	
Uranium	Strong Acid Extractable	ug/g	1.5	0.98	1.1	0.5	
Vanadium	Strong Acid Extractable	ug/g	19.8	33.4	32.1	0.1	
Zinc	Strong Acid Extractable	ug/g	798	112	116	1	
Zirconium	Strong Acid Extractable	ug/g	1.9	4.3	4.2	1	



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**Project**  
**ID:** Keno Valley Receiving  
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**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Analyte	Matrix	Units	NWL Number	361274-13	361274-14	361274-15	Detection Limit
			Sample Description	KV5 - A / S. McQuesten 9km Flat Cr / July ' 04	KV5 - B / S. McQuesten 9km Flat Cr / July ' 04	KV5 - C / S. McQuesten 9km Flat Cr / July ' 04	
			Soil - general	Soil - general	Soil - general	Soil - general	
<b>Metals Strong Acid Extractable</b>							
Aluminum	Strong Acid Extractable	ug/g	8140	7870	7780	5	
Antimony	Strong Acid Extractable	ug/g	8.38	4.12	5.08	0.2	
Arsenic	Strong Acid Extractable	ug/g	45.0	39.7	34.6	0.2	
Barium	Strong Acid Extractable	ug/g	144	146	128	1	
Beryllium	Strong Acid Extractable	ug/g	0.16	0.14	0.14	0.1	
Bismuth	Strong Acid Extractable	ug/g	0.25	0.49	0.26	0.5	
Cadmium	Strong Acid Extractable	ug/g	4.40	3.63	2.74	0.01	
Calcium	Strong Acid Extractable	ug/g	8480	7960	4780	200	
Chromium	Strong Acid Extractable	ug/g	12.2	10.1	9.77	0.5	
Cobalt	Strong Acid Extractable	ug/g	7.51	7.88	6.46	0.1	
Copper	Strong Acid Extractable	ug/g	15.3	17.0	9.8	1	
Iron	Strong Acid Extractable	ug/g	13400	14100	13100	10	
Lead	Strong Acid Extractable	ug/g	189	113	148	0.1	
Lithium	Strong Acid Extractable	ug/g	7.5	8.0	9.5	1	
Magnesium	Strong Acid Extractable	ug/g	6730	6030	5320	200	
Manganese	Strong Acid Extractable	ug/g	1140	909	677	5	
Molybdenum	Strong Acid Extractable	ug/g	0.7	1.0	0.9	1	
Nickel	Strong Acid Extractable	ug/g	24.8	29.6	17.6	0.5	
Phosphorus	Strong Acid Extractable	ug/g	614	718	576	30	
Potassium	Strong Acid Extractable	ug/g	640	470	580	400	
Selenium	Strong Acid Extractable	ug/g	<0.1	<0.10	<0.10	0.2	
Silver	Strong Acid Extractable	ug/g	3.07	1.65	1.67	0.1	
Sodium	Strong Acid Extractable	ug/g	220	<200	<200	400	
Strontium	Strong Acid Extractable	ug/g	18.0	15.6	14.0	1	
Thallium	Strong Acid Extractable	ug/g	0.10	0.08	0.07	0.1	
Tin	Strong Acid Extractable	ug/g	1.0	1.3	<0.5	1	
Titanium	Strong Acid Extractable	ug/g	165	110	160	0.5	
Uranium	Strong Acid Extractable	ug/g	0.63	0.53	0.44	0.5	
Vanadium	Strong Acid Extractable	ug/g	20.0	16.8	18.3	0.1	
Zinc	Strong Acid Extractable	ug/g	365	355	250	1	
Zirconium	Strong Acid Extractable	ug/g	1.9	1.2	2.0	1	



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**Bill to:** Laberge Environmental Services  
**Report to:** Laberge Environmental Services  
 Box 21072  
 1-405 Ogilvie Street  
 Whitehorse, YT, Canada  
 Y1A 6P7  
 Attn: Ken Nordin  
 Sampled By: Bonnie Burns  
 Company: L.E.S.

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

**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Analyte	Units	NWL Number 361274-16		361274-17		361274-18	
		Sample Description KV6 - A / Christal Cr @		KV6 - B / Christal Cr @		KV6 - C / Christal Cr @	
		Matrix	Keno Hwy / July '04	Keno Hwy / July '04	Keno Hwy / July '04	Soil - general	Soil - general
<b>Metals Strong Acid Extractable</b>							
Aluminum	Strong Acid Extractable	ug/g	7320	7800	7600	5	
Antimony	Strong Acid Extractable	ug/g	90.3	75.1	97.0	0.2	
Arsenic	Strong Acid Extractable	ug/g	1750	1600	1580	0.2	
Barium	Strong Acid Extractable	ug/g	76.6	113	77.6	1	
Beryllium	Strong Acid Extractable	ug/g	<0.5	<0.5	<0.5	0.1	
Bismuth	Strong Acid Extractable	ug/g	<2	<2	<2	0.5	
Cadmium	Strong Acid Extractable	ug/g	177	120	138	0.01	
Calcium	Strong Acid Extractable	ug/g	12100	10100	11000	200	
Chromium	Strong Acid Extractable	ug/g	11	12	11	0.5	
Cobalt	Strong Acid Extractable	ug/g	41.0	56.2	28.6	0.1	
Copper	Strong Acid Extractable	ug/g	88.2	75.8	86.0	1	
Iron	Strong Acid Extractable	ug/g	66400	67100	60900	10	
Lead	Strong Acid Extractable	ug/g	4450	3620	4130	0.1	
Lithium	Strong Acid Extractable	ug/g	7.3	8.6	9.0	1	
Magnesium	Strong Acid Extractable	ug/g	5340	5130	5510	200	
Manganese	Strong Acid Extractable	ug/g	45200	48100	31900	5	
Molybdenum	Strong Acid Extractable	ug/g	<5	<5	<5	1	
Nickel	Strong Acid Extractable	ug/g	103	108	65.3	0.5	
Phosphorus	Strong Acid Extractable	ug/g	475	481	560	30	
Potassium	Strong Acid Extractable	ug/g	680	690	660	400	
Selenium	Strong Acid Extractable	ug/g	<1	<1.0	<1.0	0.2	
Silver	Strong Acid Extractable	ug/g	9.03	9.02	9.60	0.1	
Sodium	Strong Acid Extractable	ug/g	<200	<200	<200	400	
Strontium	Strong Acid Extractable	ug/g	30	34	24	1	
Thallium	Strong Acid Extractable	ug/g	0.23	0.24	0.20	0.1	
Tin	Strong Acid Extractable	ug/g	<5	<5	<5	1	
Titanium	Strong Acid Extractable	ug/g	134	157	139	0.5	
Uranium	Strong Acid Extractable	ug/g	5.2	7.6	2.6	0.5	
Vanadium	Strong Acid Extractable	ug/g	23.3	24.9	24.0	0.1	
Zinc	Strong Acid Extractable	ug/g	15200	11800	9420	1	
Zirconium	Strong Acid Extractable	ug/g	<5	<5	<5	1	



# Analytical Report

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**Bill to:** Laberge Environmental Services  
**Report to:** Laberge Environmental Services  
 Box 21072  
 1-405 Ogilvie Street  
 Whitehorse, YT, Canada  
 Y1A 6P7  
 Attn: Ken Nordin  
 Sampled By: Bonnie Burns  
 Company: L.E.S.

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

**NWL Lot ID:** 361274  
 Control Number: SO 35003  
 Date Received: Feb 03, 2005  
 Date Reported: Feb 10, 2005  
 Report Number: 658993

Analyte	Units	NWL Number	361274-19	361274-20	361274-21	Detection Limit
		Sample Description	KV7 - A / Christal Cr u/s Hanson Rd / July ' 04	KV7 - B / Christal Cr u/s Hanson Rd / July ' 04	KV7 - C / Christal Cr u/s Hanson Rd / July ' 04	
		Matrix	Soil - general	Soil - general	Soil - general	
<b>Metals Strong Acid Extractable</b>						
Aluminum	Strong Acid Extractable	ug/g	4330	8200	4900	5
Antimony	Strong Acid Extractable	ug/g	14.0	9.86	7.70	0.2
Arsenic	Strong Acid Extractable	ug/g	95.5	79.8	74.0	0.2
Barium	Strong Acid Extractable	ug/g	228	264	297	1
Beryllium	Strong Acid Extractable	ug/g	0.11	0.17	0.13	0.1
Bismuth	Strong Acid Extractable	ug/g	0.34	0.34	0.32	0.5
Cadmium	Strong Acid Extractable	ug/g	18.5	20.3	24.9	0.01
Calcium	Strong Acid Extractable	ug/g	15900	15600	16100	200
Chromium	Strong Acid Extractable	ug/g	8.87	11.0	8.56	0.5
Cobalt	Strong Acid Extractable	ug/g	9.55	9.72	11.6	0.1
Copper	Strong Acid Extractable	ug/g	24.8	26.1	19.0	1
Iron	Strong Acid Extractable	ug/g	16100	16700	16000	10
Lead	Strong Acid Extractable	ug/g	464	360	414	0.1
Lithium	Strong Acid Extractable	ug/g	6.5	8.4	7.9	1
Magnesium	Strong Acid Extractable	ug/g	7890	8000	8530	200
Manganese	Strong Acid Extractable	ug/g	4450	4440	6300	5
Molybdenum	Strong Acid Extractable	ug/g	2.4	2.2	2.6	1
Nickel	Strong Acid Extractable	ug/g	25.7	28.2	35.7	0.5
Phosphorus	Strong Acid Extractable	ug/g	975	980	1020	30
Potassium	Strong Acid Extractable	ug/g	520	900	620	400
Selenium	Strong Acid Extractable	ug/g	<0.10	<0.10	<0.10	0.2
Silver	Strong Acid Extractable	ug/g	5.17	3.82	3.26	0.1
Sodium	Strong Acid Extractable	ug/g	<200	<200	<200	400
Strontium	Strong Acid Extractable	ug/g	20.5	22.8	21.9	1
Thallium	Strong Acid Extractable	ug/g	0.10	0.12	0.10	0.1
Tin	Strong Acid Extractable	ug/g	1.2	0.7	0.6	1
Titanium	Strong Acid Extractable	ug/g	82.0	103	72.3	0.5
Uranium	Strong Acid Extractable	ug/g	1.2	1.2	0.92	0.5
Vanadium	Strong Acid Extractable	ug/g	15.3	17.4	16.0	0.1
Zinc	Strong Acid Extractable	ug/g	2560	2890	3860	1
Zirconium	Strong Acid Extractable	ug/g	2.2	2.1	2.1	1



# Analytical Report

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 Box 21072  
 1-405 Ogilvie Street  
 Whitehorse, YT, Canada  
 Y1A 6P7  
 Attn: Ken Nordin  
 Sampled By: Bonnie Burns  
 Company: L.E.S.

**Project**  
**ID:** Keno Valley Receiving  
**Name:**  
**Location:**  
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**Acct. Code:**

**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Analyte	Units	NWL Number 361274-22		NWL Number 361274-23		NWL Number 361274-24	
		Sample Description KV8 - A / Christal Cr @		Sample Description KV8 - B / Christal Cr @		Sample Description KV8 - C / Christal Cr @	
		Matrix	Soil - general	Matrix	Soil - general	Matrix	Soil - general
		Results	Results	Results	Results	Detection Limit	
<b>Metals Strong Acid Extractable</b>							
Aluminum	Strong Acid Extractable	ug/g	7490	4770	8140	5	
Antimony	Strong Acid Extractable	ug/g	17.2	13.6	15.7	0.2	
Arsenic	Strong Acid Extractable	ug/g	102	101	145	0.2	
Barium	Strong Acid Extractable	ug/g	146	149	227	1	
Beryllium	Strong Acid Extractable	ug/g	0.14	0.12	0.20	0.1	
Bismuth	Strong Acid Extractable	ug/g	0.26	<0.2	0.34	0.5	
Cadmium	Strong Acid Extractable	ug/g	20.6	17.6	31.9	0.01	
Calcium	Strong Acid Extractable	ug/g	5770	4670	9700	200	
Chromium	Strong Acid Extractable	ug/g	10.9	9.08	9.80	0.5	
Cobalt	Strong Acid Extractable	ug/g	6.88	7.24	9.33	0.1	
Copper	Strong Acid Extractable	ug/g	19.4	19.3	30.1	1	
Iron	Strong Acid Extractable	ug/g	15600	15600	17400	10	
Lead	Strong Acid Extractable	ug/g	722	674	870	0.1	
Lithium	Strong Acid Extractable	ug/g	8.6	8.7	7.9	1	
Magnesium	Strong Acid Extractable	ug/g	5870	5170	5680	200	
Manganese	Strong Acid Extractable	ug/g	3300	3300	4450	5	
Molybdenum	Strong Acid Extractable	ug/g	1.5	1.4	1.9	1	
Nickel	Strong Acid Extractable	ug/g	18.8	17.7	24.3	0.5	
Phosphorus	Strong Acid Extractable	ug/g	645	701	786	30	
Potassium	Strong Acid Extractable	ug/g	340	240	640	400	
Selenium	Strong Acid Extractable	ug/g	<0.10	<0.10	0.22	0.2	
Silver	Strong Acid Extractable	ug/g	6.25	5.63	7.69	0.1	
Sodium	Strong Acid Extractable	ug/g	<200	<200	<200	400	
Strontium	Strong Acid Extractable	ug/g	12.5	11.7	16.3	1	
Thallium	Strong Acid Extractable	ug/g	0.07	0.06	0.11	0.1	
Tin	Strong Acid Extractable	ug/g	3.8	<0.5	0.8	1	
Titanium	Strong Acid Extractable	ug/g	110	79.2	103	0.5	
Uranium	Strong Acid Extractable	ug/g	0.61	0.56	1.6	0.5	
Vanadium	Strong Acid Extractable	ug/g	16.6	14.8	16.3	0.1	
Zinc	Strong Acid Extractable	ug/g	1170	1000	3150	1	
Zirconium	Strong Acid Extractable	ug/g	1.7	1.8	2.3	1	



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Analyte	Units	NWL Number	361274-25	361274-26	361274-27	Detection Limit
		Sample Description	KV9 - A / Flat Cr @ Mouth / July '04	KV9 - B / Flat Cr @ Mouth / July '04	KV9 - C / Flat Cr @ Mouth / July '04	
		Matrix	Soil - general	Soil - general	Soil - general	
<b>Metals Strong Acid Extractable</b>						
Aluminum	Strong Acid Extractable	ug/g	4270	4170	3860	5
Antimony	Strong Acid Extractable	ug/g	20.3	17.5	31.2	0.2
Arsenic	Strong Acid Extractable	ug/g	49.4	45.9	70.2	0.2
Barium	Strong Acid Extractable	ug/g	183	222	310	1
Beryllium	Strong Acid Extractable	ug/g	0.09	0.12	0.13	0.1
Bismuth	Strong Acid Extractable	ug/g	<0.2	<0.2	0.44	0.5
Cadmium	Strong Acid Extractable	ug/g	11.0	11.3	23.0	0.01
Calcium	Strong Acid Extractable	ug/g	4650	3240	3970	200
Chromium	Strong Acid Extractable	ug/g	8.67	8.23	7.82	0.5
Cobalt	Strong Acid Extractable	ug/g	5.62	5.83	6.99	0.1
Copper	Strong Acid Extractable	ug/g	27.3	35.6	43.9	1
Iron	Strong Acid Extractable	ug/g	13000	12100	13200	10
Lead	Strong Acid Extractable	ug/g	1630	1790	2230	0.1
Lithium	Strong Acid Extractable	ug/g	7.0	7.4	6.8	1
Magnesium	Strong Acid Extractable	ug/g	4600	4030	4080	200
Manganese	Strong Acid Extractable	ug/g	3150	3390	4850	5
Molybdenum	Strong Acid Extractable	ug/g	1.0	0.9	1.3	1
Nickel	Strong Acid Extractable	ug/g	13.4	14.3	15.1	0.5
Phosphorus	Strong Acid Extractable	ug/g	890	613	701	30
Potassium	Strong Acid Extractable	ug/g	340	200	480	400
Selenium	Strong Acid Extractable	ug/g	<0.10	<0.10	<0.10	0.2
Silver	Strong Acid Extractable	ug/g	9.15	7.17	11.7	0.1
Sodium	Strong Acid Extractable	ug/g	<200	<200	<200	400
Strontium	Strong Acid Extractable	ug/g	14.7	13.2	12.7	1
Thallium	Strong Acid Extractable	ug/g	0.30	0.31	0.51	0.1
Tin	Strong Acid Extractable	ug/g	1.0	0.7	1.4	1
Titanium	Strong Acid Extractable	ug/g	102	83.5	74.4	0.5
Uranium	Strong Acid Extractable	ug/g	0.54	0.33	0.46	0.5
Vanadium	Strong Acid Extractable	ug/g	18.8	17.6	15.4	0.1
Zinc	Strong Acid Extractable	ug/g	516	490	810	1
Zirconium	Strong Acid Extractable	ug/g	1.2	1.3	1.2	1



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**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
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**Report Number:** 658993

Analyte	Units	Results			Detection Limit	
		Matrix	Soil - general	Soil - general		
<b>Metals Strong Acid Extractable</b>						
Aluminum	Strong Acid Extractable	ug/g	11700	10800	11400	5
Antimony	Strong Acid Extractable	ug/g	1.98	1.84	2.19	0.2
Arsenic	Strong Acid Extractable	ug/g	56.9	52.5	58.2	0.2
Barium	Strong Acid Extractable	ug/g	173	154	176	1
Beryllium	Strong Acid Extractable	ug/g	0.20	0.16	0.22	0.1
Bismuth	Strong Acid Extractable	ug/g	0.26	<0.2	<0.2	0.5
Cadmium	Strong Acid Extractable	ug/g	0.557	0.510	0.548	0.01
Calcium	Strong Acid Extractable	ug/g	3040	2660	2960	200
Chromium	Strong Acid Extractable	ug/g	14.2	13.6	15.7	0.5
Cobalt	Strong Acid Extractable	ug/g	6.30	5.58	6.80	0.1
Copper	Strong Acid Extractable	ug/g	19.5	17.3	22.4	1
Iron	Strong Acid Extractable	ug/g	13800	12800	14200	10
Lead	Strong Acid Extractable	ug/g	29.0	25.4	27.3	0.1
Lithium	Strong Acid Extractable	ug/g	9.3	9.0	10.5	1
Magnesium	Strong Acid Extractable	ug/g	3820	3380	4020	200
Manganese	Strong Acid Extractable	ug/g	292	305	303	5
Molybdenum	Strong Acid Extractable	ug/g	1.2	1.1	1.1	1
Nickel	Strong Acid Extractable	ug/g	16.0	14.0	17.8	0.5
Phosphorus	Strong Acid Extractable	ug/g	725	631	696	30
Potassium	Strong Acid Extractable	ug/g	350	250	390	400
Selenium	Strong Acid Extractable	ug/g	0.20	0.30	0.37	0.2
Silver	Strong Acid Extractable	ug/g	0.61	0.53	0.63	0.1
Sodium	Strong Acid Extractable	ug/g	<200	<200	<200	400
Strontium	Strong Acid Extractable	ug/g	10.4	9.7	10.8	1
Thallium	Strong Acid Extractable	ug/g	0.10	0.08	0.09	0.1
Tin	Strong Acid Extractable	ug/g	<0.5	<0.5	<0.5	1
Titanium	Strong Acid Extractable	ug/g	80.2	85.9	100	0.5
Uranium	Strong Acid Extractable	ug/g	1.2	1.0	1.2	0.5
Vanadium	Strong Acid Extractable	ug/g	19.9	18.7	22.3	0.1
Zinc	Strong Acid Extractable	ug/g	62.8	57.7	64.4	1
Zirconium	Strong Acid Extractable	ug/g	0.5	0.5	0.7	1



# Analytical Report

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

**Bill to:** Laberge Environmental Services  
**Report to:** Laberge Environmental Services  
 Box 21072  
 1-405 Ogilvie Street  
 Whitehorse, YT, Canada  
 Y1A 6P7  
 Attn: Ken Nordin  
 Sampled By: Bonnie Burns  
 Company: L.E.S.

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

**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Analyte	Units	361274-31		361274-32		361274-33	
		Matrix	Soil - general	Soil - general	Soil - general	Soil - general	Detection Limit
<b>Metals Strong Acid Extractable</b>							
Aluminum	Strong Acid Extractable	ug/g	8170	4880	4580	5	
Antimony	Strong Acid Extractable	ug/g	5.60	6.10	15.6	0.2	
Arsenic	Strong Acid Extractable	ug/g	71.3	59.1	86.1	0.2	
Barium	Strong Acid Extractable	ug/g	98.0	68.2	95.5	1	
Beryllium	Strong Acid Extractable	ug/g	0.09	0.12	0.11	0.1	
Bismuth	Strong Acid Extractable	ug/g	<0.2	<0.2	0.31	0.5	
Cadmium	Strong Acid Extractable	ug/g	10.6	7.73	14.1	0.01	
Calcium	Strong Acid Extractable	ug/g	3660	3040	4270	200	
Chromium	Strong Acid Extractable	ug/g	8.44	8.36	6.82	0.5	
Cobalt	Strong Acid Extractable	ug/g	7.16	7.37	9.04	0.1	
Copper	Strong Acid Extractable	ug/g	23.9	29.1	32.8	1	
Iron	Strong Acid Extractable	ug/g	17400	16100	17600	10	
Lead	Strong Acid Extractable	ug/g	196	237	235	0.1	
Lithium	Strong Acid Extractable	ug/g	7.7	8.0	6.3	1	
Magnesium	Strong Acid Extractable	ug/g	6900	6370	6070	200	
Manganese	Strong Acid Extractable	ug/g	1490	1450	1790	5	
Molybdenum	Strong Acid Extractable	ug/g	2.7	2.2	3.4	1	
Nickel	Strong Acid Extractable	ug/g	15.2	15.4	14.7	0.5	
Phosphorus	Strong Acid Extractable	ug/g	436	455	412	30	
Potassium	Strong Acid Extractable	ug/g	<200	<200	270	400	
Selenium	Strong Acid Extractable	ug/g	<0.10	<0.10	<0.10	0.2	
Silver	Strong Acid Extractable	ug/g	1.23	1.33	2.23	0.1	
Sodium	Strong Acid Extractable	ug/g	<200	<200	<200	400	
Strontium	Strong Acid Extractable	ug/g	7.4	6.9	9.7	1	
Thallium	Strong Acid Extractable	ug/g	0.06	0.06	0.06	0.1	
Tin	Strong Acid Extractable	ug/g	<0.5	<0.5	1.4	1	
Titanium	Strong Acid Extractable	ug/g	139	76.2	122	0.5	
Uranium	Strong Acid Extractable	ug/g	0.81	0.78	0.90	0.5	
Vanadium	Strong Acid Extractable	ug/g	15.8	15.0	15.2	0.1	
Zinc	Strong Acid Extractable	ug/g	528	422	655	1	
Zirconium	Strong Acid Extractable	ug/g	2.6	2.3	2.3	1	





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 Attn: Ken Nordin  
 Sampled By: Bonnie Burns  
 Company: L.E.S.

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

**NWL Lot ID:** 361274  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

Analyte	Units	361274-34		361274-35		361274-36	
		Matrix	Soil - general	Soil - general	Soil - general	Soil - general	Detection Limit
<b>Metals Strong Acid Extractable</b>							
Aluminum	Strong Acid Extractable	ug/g	4880	4850	7830	5	
Antimony	Strong Acid Extractable	ug/g	7.16	2.51	4.82	0.2	
Arsenic	Strong Acid Extractable	ug/g	49.2	26.6	30.3	0.2	
Barium	Strong Acid Extractable	ug/g	95.6	79.9	89.3	1	
Beryllium	Strong Acid Extractable	ug/g	0.15	0.07	0.07	0.1	
Bismuth	Strong Acid Extractable	ug/g	<0.2	<0.2	<0.2	0.5	
Cadmium	Strong Acid Extractable	ug/g	8.78	1.49	1.60	0.01	
Calcium	Strong Acid Extractable	ug/g	2590	2440	3070	200	
Chromium	Strong Acid Extractable	ug/g	13.3	10.3	11.8	0.5	
Cobalt	Strong Acid Extractable	ug/g	7.52	5.77	5.51	0.1	
Copper	Strong Acid Extractable	ug/g	25.6	18.9	20.7	1	
Iron	Strong Acid Extractable	ug/g	16800	12900	13200	10	
Lead	Strong Acid Extractable	ug/g	146	35.7	48.5	0.1	
Lithium	Strong Acid Extractable	ug/g	8.1	6.2	5.7	1	
Magnesium	Strong Acid Extractable	ug/g	4580	4610	4110	200	
Manganese	Strong Acid Extractable	ug/g	803	308	301	5	
Molybdenum	Strong Acid Extractable	ug/g	1.5	1.1	1.2	1	
Nickel	Strong Acid Extractable	ug/g	18.6	15.0	14.5	0.5	
Phosphorus	Strong Acid Extractable	ug/g	398	466	408	30	
Potassium	Strong Acid Extractable	ug/g	240	<200	<200	400	
Selenium	Strong Acid Extractable	ug/g	<0.10	<0.10	<0.10	0.2	
Silver	Strong Acid Extractable	ug/g	3.42	0.72	1.10	0.1	
Sodium	Strong Acid Extractable	ug/g	<200	<200	<200	400	
Strontium	Strong Acid Extractable	ug/g	6.1	7.1	8.1	1	
Thallium	Strong Acid Extractable	ug/g	0.04	0.03	0.03	0.1	
Tin	Strong Acid Extractable	ug/g	1.2	<0.5	<0.5	1	
Titanium	Strong Acid Extractable	ug/g	206	239	608	0.5	
Uranium	Strong Acid Extractable	ug/g	0.91	0.60	0.64	0.5	
Vanadium	Strong Acid Extractable	ug/g	15.9	17.4	20.6	0.1	
Zinc	Strong Acid Extractable	ug/g	473	103	101	1	
Zirconium	Strong Acid Extractable	ug/g	2.6	1.9	1.9	1	



## Analytical Report

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Box 21072  
1-405 Ogilvie Street  
Whitehorse, YT, Canada  
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Attn: Ken Nordin  
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**Project**  
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**P.O.:**  
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**NWL Lot ID:** 361274  
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Date Received: Feb 03, 2005  
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Report Number: 658993

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Approved by:

Bill Warning, B.Sc.  
Lab Operations Manager

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## Methodology and Notes

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**Project**  
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**Name:**  
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**LSD:**  
**P.O.:**  
**Acct. Code:**

**NWL Lot ID:** **361274**  
**Control Number:** SO 35003  
**Date Received:** Feb 03, 2005  
**Date Reported:** Feb 10, 2005  
**Report Number:** 658993

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### Method of Analysis:

MethodName	Reference	Method	Date Analysis Started	Location
Metals SemiTrace (Strong Acid Leachable) in solids (Surrey)	US EPA	Metals & Trace Elements by Ultrasonic Nebulization ICP-AES, 200.15	9-Feb-05	Norwest Labs Surrey

\* Norwest method(s) is based on reference method

### References:

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

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