



TERRATECH  
ST LAURENT DIV. DE SNC-LAVALIN  
275, Benjamin-Hudon  
Saint-Laurent, PQ  
Canada H4N 1J1

**Attention: Alain Blanchette**

**Report Date: 2005/04/22**

Your Project #: LO 3333 T-1050-B  
Site: RABASKA  
Your C.O.C. #: 66622

### **ANALYTICAL REPORT**

**MAXXAM JOB #: A508009**

**Received: 2005/04/15, 10:30**

Sample Matrix: GROUND WATER  
# Samples Received: 4

<u>Analyses</u>	<u>Quantity</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Laboratory Method</u>	<u>Analytical Method</u>
Total Alkalinity (pH end point 4.5) $\emptyset$	4	2005/04/21	2005/04/21	SOP III-1003 rév.1 04/11/22 réf.primaire: MA.315 Alc.1.0, 2001	Titrimetric
Anions $\emptyset$	4	2005/04/22	2005/04/22	III-201 rév.9 03/03/29	Chromatography
Disposal Charges	4	N/A	2005/04/15		
pH	4	2005/04/15	2005/04/15	Que SOP-0054	pH meter
Sulfide Anions (S=)	4	2005/04/15	2005/04/15	Que SOP-0065	Spectro/Colorimetry

(1) This test was performed by Maxxam analytique - Anjou

**MAXXAM ANALYTIQUE INC.**

**CONVENTIONAL PARAMETERS (GROUND WATER)**

Maxxam ID		796752	796752	796759	796760	796761		
Sampling Date		2005/04/14	2005/04/14	2005/04/14	2005/04/14	2005/04/14		
COC Number		66622	66622	66622	66622	66622		
	<b>Units</b>	<b>BH-102-05</b>	<b>BH-102-05 Dup</b>	<b>BH-104-05</b>	<b>BH-106-05</b>	<b>BH-110-05</b>	<b>DL</b>	<b>QC Batch</b>

CONVENTIONALS						*		
pH	pH	8.6	N/A	8.8	8.8	11	N/A	293309
Sulfur anion (S=)	mg/L	ND	N/A	ND	ND	ND	0.02	293310
Alkalinity (Total as CaCO3) pH 4.5	mg/L	320	320	260	350	200	2	293957
Bicarbonates (HCO3 as CaCO3)	mg/L	300	300	230	320	ND	2	293957
Carbonate (CO3 as CaCO3)	mg/L	16	19	29	29	130	2	293957
Chloride (Cl)	mg/L	50	45	180	5.5	5.6	3	294192
Sulfates (SO4)	mg/L	11	10	22	34	36	5	294192

ND = Not detected  
 N/A = Not Applicable  
 DL = Detection Limit  
 QC Batch = Quality Control Batch  
 Please check for attached comments

\* doubtful

**GENERAL COMMENTS**

Condition of sample(s) upon receipt: GOOD

**CONVENTIONAL PARAMETERS (GROUND WATER)**

Veillez noter que les résultats n'ont pas été corrigés pour la récupération des échantillons de contrôle de qualité. Veillez noter que les résultats ont été corrigés pour le blanc.

**Results relate only to the items tested.**

**This report dated: 2005/04/22 replaces all previous reports.**

Quality Assurance Report  
 Maxxam Job Number: A508009

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units
293309 DD1	QC STANDARD	pH	2005/04/15		101	%
293310 JS2	QC STANDARD	Sulfur anion (S=)	2005/04/15		98	%
	BLANK	Sulfur anion (S=)	2005/04/15	ND, DL=0.02		mg/L
293957 FS	SPIKE	Alkalinity (Total as CaCO3) pH 4.5	2005/04/21		103	%
	BLANK	Alkalinity (Total as CaCO3) pH 4.5	2005/04/21	ND, DL=1		mg/L
		Bicarbonates (HCO3 as CaCO3)	2005/04/21	ND, DL=1		mg/L
		Carbonate (CO3 as CaCO3)	2005/04/21	ND, DL=1		mg/L
294192 FS	MATRIX SPIKE	Chloride (Cl)	2005/04/22		106	%
		Sulfates (SO4)	2005/04/22		111	%
	SPIKE	Chloride (Cl)	2005/04/22		93	%
		Sulfates (SO4)	2005/04/22		95	%
	BLANK	Chloride (Cl)	2005/04/22	ND, DL=0.06		mg/L
		Sulfates (SO4)	2005/04/22	ND, DL=0.1		mg/L

ND = Not detected  
 DL = Detection Limit  
 MATRIX SPIKE = Fortified sample  
 QC Standard = Quality Control Standard  
 SPIKE = Fortified sample