



ANALYSIS REPORT

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Client:	Sustainable Earth Products Ltd	Lab No:	997431	SPV1
Contact:	Sustainable Earth Products Ltd PO Box 8031 Victory Square NELSON 7046	Date Registered:	13-Apr-2012	
		Date Reported:	19-Apr-2012	
		Quote No:		
		Order No:		
		Client Reference:		
		Submitted By:	Sustainable Earth Products L	

Sample Type: Soil						
Sample Name:		Soil				
Lab Number:		997431.2				
Total Recoverable Aluminium	mg/kg dry wt	13,700	-	-	-	-
Total Recoverable Arsenic	mg/kg dry wt	10	-	-	-	-
Total Recoverable Barium	mg/kg dry wt	104	-	-	-	-
Total Recoverable Strontium	mg/kg dry wt	94	-	-	-	-

Sample Type: Aqueous						
Sample Name:		Rain Water				
Lab Number:		997431.1				
Total Aluminium	g/m ³	0.54	-	-	-	-
Total Arsenic	g/m ³	0.0021	-	-	-	-
Total Barium	g/m ³	0.066	-	-	-	-
Total Strontium	g/m ³	0.099	-	-	-	-

SUMMARY OF METHODS

The following table(s) gives a brief description of the methods used to conduct the analyses for this job. The detection limits given below are those attainable in a relatively clean matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis.

Sample Type: Soil			
Test	Method Description	Default Detection Limit	Samples
Environmental Solids Sample Preparation	Air dried at 35°C and sieved, <2mm fraction. Used for sample preparation. May contain a residual moisture content of 2-5%.	-	2
Total Recoverable digestion	Nitric / hydrochloric acid digestion. US EPA 200.2.	-	2
Total Recoverable Aluminium	Dried sample, sieved as specified (if required). Nitric/Hydrochloric acid digestion, ICP-MS, screen level. US EPA 200.2.	10 mg/kg dry wt	2
Total Recoverable Arsenic	Dried sample, sieved as specified (if required). Nitric/Hydrochloric acid digestion, ICP-MS, screen level. US EPA 200.2.	2 mg/kg dry wt	2
Total Recoverable Barium	Dried sample, sieved as specified (if required). Nitric/Hydrochloric acid digestion, ICP-MS, screen level. US EPA 200.2.	0.4 mg/kg dry wt	2
Total Recoverable Strontium	Dried sample, sieved as specified (if required). Nitric/Hydrochloric acid digestion, ICP-MS, screen level. US EPA 200.2.	1.0 mg/kg dry wt	2

Sample Type: Aqueous			
Test	Method Description	Default Detection Limit	Samples
Total Digestion	Boiling nitric acid digestion. APHA 3030 E 21 st ed. 2005.	-	1
Total Aluminium	Nitric acid digestion, ICP-MS, trace level. APHA 3125 B 21 st ed. 2005 / US EPA 200.8.	0.0032 g/m ³	1
Total Arsenic	Nitric acid digestion, ICP-MS, trace level. APHA 3125 B 21 st ed. 2005 / US EPA 200.8.	0.0011 g/m ³	1
Total Barium	Nitric acid digestion, ICP-MS, trace level. APHA 3125 B 21 st ed. 2005 / US EPA 200.8.	0.00011 g/m ³	1



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The tests reported herein have been performed in accordance with the terms of accreditation, with the exception of tests marked *, which are not accredited.

Sample Type: Aqueous			
Test	Method Description	Default Detection Limit	Samples
Total Strontium	Nitric acid digestion, ICP-MS, trace level. APHA 3125 B 21 st ed. 2005.	0.00053 g/m ³	1

These samples were collected by yourselves (or your agent) and analysed as received at the laboratory.

Samples are held at the laboratory after reporting for a length of time depending on the preservation used and the stability of the analytes being tested. Once the storage period is completed the samples are discarded unless otherwise advised by the client.

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