

Road and Mining Solutions
Level 27 St. Martins Tower
St. Georges Terrace, Perth 6000, WA

20-Dec-11

Attention: John Winters
Your Ref No: GSTech 01-12-11
Our Ref No: EC 11-504**REPORT ON ANALYSIS OF A LIQUID SAMPLES****Introduction:**

One sample labelled "Road and Mining Solutions SR-5" was received on the 2nd December 2011, and analysed according to your instructions.

Methods of Analysis:

A representative sub-sample from the liquid was ashed to 800oC and the residue was then analysed for the metal content by atomic absorption spectroscopy. The bicarbonate and carbonate a were determined by titration (according to APHA 2320B). Chloride and Sulphate were determined by ion-chromatography.

Results

The results are presented on the following page.

Comment:**GEOTECHNICAL SERVICES**Charmaine Taylor
ChemistMichael Simeoni
Manager Environmental and Industrial Chemistry

(I) RESULTS

Matrix: Liquid

Analyte	Symbol	PQL	SR-5
		mg/L	mg/L
Sodium	Na	0.5	1117
Potassium	K	0.5	13587
Calcium	Ca	0.5	82
Magnesium	Mg	0.5	30
Barium	Ba	0.5	9
Strontium	Sr	0.5	nd
Iron	Fe	0.1	160
Chloride	Cl ⁻	<10	<100
Sulfate	SO ₄ ²⁻	5	1100
Carbonate	CO ₃ ²⁻	0.5	7305
Bicarbonate	HCO ₃ ⁻	0.5	nd
Hydroxide	OH ⁻	0.5	1722

PQL-- Practical quantitation limit

nd -- not detected

Results are reported in milligrams per litre