

WATERLAB (PTY) LTD
CLIENT INFORMATION – SOIL

Date	
------	--

Contact person	
----------------	--

Postal Address		Company	
		Order number	
		VAT Reg Number	

Telephone number	
Cellphone number	
E-mail address	

Sample Storage Period:	Discard after 3 or 6 months:	Client will collect:	Other:
------------------------	------------------------------	----------------------	--------

Please select methods by which reports/invoices should be sent:			Sample Condition:	
	E-mail	Collect by hand	Acceptable	
Report			Little Volume	
Invoice			Damaged	

Number of samples:			
Please specify general lithology (Add list if possible):			
Sample volume sufficient:	Y	N	Details:
Numbered correctly:	Y	N	Details:
Organics in glass:	Y	N	Details:
Samples received by:			Signature:
Analyses required: Please supply analytical requirements below, or provide list/quote, or indicate on page 2			

Kindly take note of the following:

Confidentiality policy: Results will only be available or released to the client who requested the analytical results or the client responsible for the payment, unless written consent is provided, allowing Waterlab (Pty) Ltd to release results to a third party.

As an accredited laboratory, there is a possibility that an external party such as SANAS might have access to your information during audits and assessments, however, they are bound to confidentiality by our Non-Disclosure Agreement.

Payment policy: COD client will be notified on completion of analysis. Results will only be released when the account is settled in full.

Order number: Where applicable, please provide a company order number with delivery of samples.

CLIENT SIGNATURE	
-------------------------	--

Please note that our average turnaround time for solids or soils is in the order of 3-5 weeks, depending if the sample is wet or dry, on the preparation needed and type of analysis required. Certain analysis takes more than 4 weeks to complete. Alternative deadlines must be arranged in writing, in advance with management.

This document is printed on both sides: P.T

Please mark required analyses

WATERLAB (PTY) LTD
CLIENT INFORMATION – SOIL

Sample Preparation:		Chemical Parameters on leach:		Quant Metals ICP-OES:		Quant Metals ICP-MS:		
Moisture %		pH		Sodium	Na	Ag	As	Au
^[S] Drying		Electrical Conductivity		Potassium	K	B	Ba	Be
^[S] Crushing		Total Dissolved Solids		Calcium	Ca	Bi	Cd	Ce
^[S] Milling		Total Alkalinity		Magnesium	Mg	Co	Cr	Cs
Extracts: (Specify extract ratio to be used, if different from stated ratios)		^[1] Carbonate Alkalinity		Aluminium	Al	Cu	Dy	Er
		^[1] Bicarbonate Alkalinity		Barium	Ba	Eu	Ga	Gd
Distilled water – 1:2 1:4 1:20		^[1] Hydroxide Alkalinity		Beryllium	Be	Ge	Hf	Hg
Acid Rain (1:20)		Ammonia-N		Bismuth	Bi	Ho	In	Ir
TCLP (1:20)		Nitrate-N		Boron	B	La	Li	Lu
SPLP (1:20)		Nitrite-N		Chromium	Cr	Mo	Nb	Nd
Other Leach:		Total Phosphate-P		Cobalt	Co	Ni	Os	P
		Ortho-Phosphate-P		Copper	Cu	Pb	Pd	Pr
Acid Digestion:		Chloride		Iron	Fe	Pt	Rb	Rh
HF:HNO ₃ (specify other)		Sulphate		Lithium	Li	Ru	Sb	Sc
Peroxide:Nitric		Fluoride		Manganese	Mn	Se	Sm	Sn
		Hexavalent Chromium		Molybdenum	Mo	Sr	Ta	Tb
Kinetic Testing (Weeks):		Bromide		Nickel	Ni	Te	Th	Ti
		Kjeldahl Nitrogen		Phosphorus	P	Tl	Tm	U
Static Testing:		Faecal Coliform Bacteria		Silicon	Si	V	W	Y
Acid Base Accounting		<i>E. coli</i>		Silver	Ag	Yb	Zn	Zr
Nett Acid Generation		^[S] Helminth Ova		Strontium	Sr			
Analyses on NAG (Specify)		COD		Thallium	Tl	Other:		
Sulphur Speciation		BOD		Titanium	Ti	ICP-MS Scan		
Total Sulphur		^[S] TOC		Vanadium	V	ICP-MS Quant		
^[S] Total, Org. & Inorg. Carbon		Volatile Fatty Acids		Zinc	Zn	ICP-OES Quant		
		^[S] TPH & BTEX						
Mineralogical:		^[S] TPH & BTEX DRO&GRO		Other:				
^[S] X-ray Diffraction		^[S] VOC		BRE				
^[S] X-ray Fluorescence		^[S] sVOC		DIN 50 929				
		^[S] PAH		Basson				
Body Fluid Extraction:		^[S] Tri-Halomethanes						
Gastric		Phenol						
Sweat		^[S] Oil & Grease						
Intestinal		Cyanide – Free						
Alveolar		^[S] Cyanide – Total						
Transformation Dissolution		Sulphide						
Waste Classification^[2]:		Sludge Classification:		Contaminated Land (SSV):				
Leachable Concentration		Metals		Digestion with 11-20 metals				
1. Distilled Water		- Compulsory		^[S] Total CN				
TCLP		- Recommended		^[S] Total CrVI				
Borax		TKN/TP		^[S] SSV Organics				
2. ^[S] Total CN		TS/VS%		^[S] Anions				
3. ^[S] ZHE Organics		VFA (50% solids)						
4. Wet (W) or dry (D)		^[S] Faecal		^[S] Sieve grading to 63- 0.075mm				
Total Concentration		^[S] Helminth Ova - 6 weeks		^[S] Hydrometer 0.04mm to 0.002mm				
^[S] Total CN		^[S] PAH		Other:				
^[S] Organics								

^[S]Analyses conducted by sub-contracting laboratories

^[1]Additional analyses required for calculations.

^[2] Analysis as per GNR 635