

SET POINT LABORATORIES

ISO 17025 ACCREDITED
A member of the Set Point Group



Attention: Howard Geater
Company: Lava Grow Eastern Cape cc
Order No:
Address: 10-9th Avenue Walmer
Port Elizabeth
6070

Sample Type: Dust
Condition of samples: Acceptable

ANALYSIS REPORT

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SPL Report No. 9/0345 & 9/0461
Date: 15/04/2009

Sample Type: Dust
Condition of samples: Acceptable

Element	Fe2O3	MnO	Cr2O3	V2O5	TiO2	CaO	K2O	P2O5	SiO2	AL2O3	MgO	Na2O	SQ	CL	H2Oplus	LOI
Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Method No	M051	M051	X	X	M051	M051	M051	M051	M051	M051	X					
Sample 1	9.29	0.11	0.03	0.02	0.78	10.2	0.59	0.19	51.0	18.4	5.0	2.1	<0.01			1.78

Element	Bi	Co	Cu	Nb	Ni	Mo	Pb	Rb	Se	Sr	Ga	Te	La	Rb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample 1	6	26	140	<3	97	<4	14	<4	<3	253	23	8	9	7

Element	Ta	ThO2	U3O8	W	Y	Yb	Zn	Zr	Ag	Sb	Sn	Ba	Eu	Hf
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample 1	<18	<10	<7	81	24	<8	82	97	<4	<10	<10	273	<2	2.6

Water Sol														
Element	Au	Pt	Pd	Rh	Ir	Ru	As	Hg	Cd	Se	Si	Tl	In	Cs
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
Sample 1	0.04	0.60	0.61	0.31	0.13	0.21	1.4	78	0.36	<1	200	0.09	2.8	0.69

Element	Ce	Dy	Er	Eu	Gd	Ho	Lu	Nd	Pr	Sm	Tb	Tm	Yb	Ge
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample 1	21	3.7	2.1	0.94	4	0.73	0.26	12.5	2.8	3.1	0.6	0.31	1.9	1

Element	H2O-	C	S
Units	%	%	%
Sample 1	5.57	0.13	0.04

Element	B	Li	Be	Sc
Units	ppm	ppm	ppm	ppm
Sample 1 (Old job 345/09)	96	4	0.43	6