

# LABORATORY TEST REPORT

Results of analysis of 1 sample  
 received 29 February 2012

Report Date  
 09 March 2012

FAO S D Kew

116/SDK

**Login Batch No**

Chemtest LIMS ID

Sample ID

Sample No

Sampling Date

Depth

Matrix

SOP↓	Determinand↓	CAS No↓	Units↓	*	201566 AH05646
					A
					Not Provided
					SOIL
2010	pH			M	7.8
2300	Cyanide (free)	57125	mg kg <sup>-1</sup>	M	<0.50
	Cyanide (total)	57125	mg kg <sup>-1</sup>	M	<0.50
	Thiocyanate	302045	mg kg <sup>-1</sup>	M	<5.0
2325	Sulfide		mg kg <sup>-1</sup>		32
2625	Organic matter		%	M	6.7
2120	Boron (hot water soluble)	7440428	mg kg <sup>-1</sup>	M	12
	Sulfate (2:1 water soluble) as SO4	14808798	g l <sup>-1</sup>	M	1.8
2490	Chromium (hexavalent)	18540299	mg kg <sup>-1</sup>	N	<0.5
2430	Sulfate (total) as SO4	14808798	%	M	1.75
2450	Arsenic	7440382	mg kg <sup>-1</sup>	M	11
	Cadmium	7440439	mg kg <sup>-1</sup>	M	0.57
	Chromium	7440473	mg kg <sup>-1</sup>	M	84
	Copper	7440508	mg kg <sup>-1</sup>	M	38
	Mercury	7439976	mg kg <sup>-1</sup>	M	0.72
	Nickel	7440020	mg kg <sup>-1</sup>	M	39
	Lead	7439921	mg kg <sup>-1</sup>	M	140
	Selenium	7782492	mg kg <sup>-1</sup>	M	0.26
	Zinc	7440666	mg kg <sup>-1</sup>	M	250
2670	TPH >C6-C10		mg kg <sup>-1</sup>	N	< 1
	TPH >C10-C25		mg kg <sup>-1</sup>	N	110
	TPH >C25-C40		mg kg <sup>-1</sup>	N	210
	Total Petroleum Hydrocarbons		mg kg <sup>-1</sup>	M	310
2700	Naphthalene	91203	mg kg <sup>-1</sup>	M	0.41
	Acenaphthylene	208968	mg kg <sup>-1</sup>	M	< 0.1
	Acenaphthene	83329	mg kg <sup>-1</sup>	M	0.26
	Fluorene	86737	mg kg <sup>-1</sup>	M	0.21

All tests undertaken between 01/03/2012 and 08/03/2012

\* Accreditation status

**This report should be interpreted in conjunction with the notes on the accompanying cover page.**

Column page 1

Report page 1 of 2

LIMS sample ID range AH05646 to AH05646

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2700	Phenanthrene	85018	mg kg <sup>-1</sup>	M	1.1
	Anthracene	120127	mg kg <sup>-1</sup>	M	0.28
	Fluoranthene	206440	mg kg <sup>-1</sup>	M	1.9
	Pyrene	129000	mg kg <sup>-1</sup>	M	1.7
	Benzo[a]anthracene	56553	mg kg <sup>-1</sup>	M	1
	Chrysene	218019	mg kg <sup>-1</sup>	M	0.79
	Benzo[b]fluoranthene	205992	mg kg <sup>-1</sup>	M	< 0.1
	Benzo[k]fluoranthene	207089	mg kg <sup>-1</sup>	M	< 0.1
	Benzo[a]pyrene	50328	mg kg <sup>-1</sup>	M	< 0.1
	Dibenzo[a,h]anthracene	53703	mg kg <sup>-1</sup>	M	< 0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg <sup>-1</sup>	M	< 0.1
	Benzo[g,h,i]perylene	191242	mg kg <sup>-1</sup>	M	< 0.1
	Total (of 16) PAHs		mg kg <sup>-1</sup>	M	7.7
2920	Phenols (total)		mg kg <sup>-1</sup>	N	<0.3