

Organophosphorus Pesticides						
Our Reference:	UNITS	84007-60	84007-61	84007-62	84007-63	84007-64
Your Reference	-----	C8	C9	C10	C11	C12
Composite Reference	-----	23+24	25+26	27+28	29+30	31+32
Date Sampled		10/01/2013	10/01/2013	10/01/2013	10/01/2013	10/01/2013
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorpyrifos-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ronnel	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromophos-ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	96	96	94	102	83

Organophosphorus Pesticides			
Our Reference:	UNITS	84007-66	84007-67
Your Reference	-----	C14	C15
Composite Reference	-----	35+36	37+38
Date Sampled		10/01/2013	10/01/2013
Type of sample		Soil	Soil
Date extracted	-	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013
Diazinon	mg/kg	<0.1	<0.1
Dimethoate	mg/kg	<0.1	<0.1
Chlorpyrifos-methyl	mg/kg	<0.1	<0.1
Ronnel	mg/kg	<0.1	<0.1
Chlorpyrifos	mg/kg	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1
Bromophos-ethyl	mg/kg	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1
Surrogate TCMX	%	92	90

Client Reference: Malbec Properties Mundamia

PCBs in Soil Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-20 2193/AreaA/ B 10/01/2013 Soil	84007-21 2193/AreaB/ A 10/01/2013 Soil	84007-33 2193/AreaH/ A 10/01/2013 Soil	84007-39 2193/RP01/A 10/01/2013 Soil	84007-40 2193/RP02/A 10/01/2013 Soil
Date extracted	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Arochlor 1016	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	111	134	94	97	100

PCBs in Soil Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-41 2193/RP03/A 10/01/2013 Soil	84007-42 2193/RP04/A 10/01/2013 Soil	84007-43 2193/RP05/B 10/01/2013 Soil	84007-44 2193/RP06/A 10/01/2013 Soil	84007-45 2193/RP07/B 10/01/2013 Soil
Date extracted	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	97	101	98	99	98

Client Reference: Malbec Properties Mundamia

PCBs in Soil				
Our Reference:	UNITS	84007-46	84007-47	84007-48
Your Reference	-----	2193/SP01/A	2193/SP01/B	2193/SP02/A
Composite Reference	-----			
Date Sampled		10/01/2013	10/01/2013	10/01/2013
Type of sample		Soil	Soil	Soil
Date extracted	-	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013
Arochlor 1016	mg/kg	<1	<0.1	<0.1
Arochlor 1221	mg/kg	<1	<0.1	<0.1
Arochlor 1232	mg/kg	<1	<0.1	<0.1
Arochlor 1242	mg/kg	<1	<0.1	<0.1
Arochlor 1248	mg/kg	<1	<0.1	<0.1
Arochlor 1254	mg/kg	<1	<0.1	<0.1
Arochlor 1260	mg/kg	<1	<0.1	<0.1
Surrogate TCLMX	%	110	100	105

Client Reference: Malbec Properties Mundamia

Acid Extractable metals in soil Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-19 2193/AreaA/ A 10/01/2013 Soil	84007-20 2193/AreaA/ B 10/01/2013 Soil	84007-21 2193/AreaB/ A 10/01/2013 Soil	84007-22 2193/AreaB/B 10/01/2013 Soil	84007-33 2193/AreaH/ A 10/01/2013 Soil
Date digested	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Arsenic	mg/kg	<4	<4	<4	<4	<4
Cadmium	mg/kg	<0.5	<0.5	1.9	1.1	<0.5
Chromium	mg/kg	10	11	10	13	15
Copper	mg/kg	14	12	220	860	<1
Lead	mg/kg	27	36	210	180	4
Mercury	mg/kg	<0.1	<0.1	0.2	<0.1	<0.1
Nickel	mg/kg	4	3	7	10	2
Zinc	mg/kg	120	160	370	580	5

Acid Extractable metals in soil Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-34 2193/AreaH/B 10/01/2013 Soil	84007-39 2193/RP01/A 10/01/2013 Soil	84007-40 2193/RP02/A 10/01/2013 Soil	84007-41 2193/RP03/A 10/01/2013 Soil	84007-42 2193/RP04/A 10/01/2013 Soil
Date digested	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Arsenic	mg/kg	<4	5	<4	<4	<4
Cadmium	mg/kg	<0.5	12	<0.5	<0.5	<0.5
Chromium	mg/kg	15	28	13	7	14
Copper	mg/kg	1	37	6	4	5
Lead	mg/kg	4	200	23	12	10
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	2	13	3	<1	3
Zinc	mg/kg	8	2,200	230	48	29

Client Reference: Malbec Properties Mundamia

Acid Extractable metals in soil						
Our Reference:	UNITS	84007-43	84007-44	84007-45	84007-46	84007-47
Your Reference	-----	2193/RP05/B	2193/RP06/A	2193/RP07/B	2193/SP01/A	2193/SP01/B
Composite Reference	-----					
Date Sampled		10/01/2013	10/01/2013	10/01/2013	10/01/2013	10/01/2013
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Arsenic	mg/kg	<4	<4	<4	6	<4
Cadmium	mg/kg	<0.5	<0.5	1.6	<0.5	<0.5
Chromium	mg/kg	14	15	8	19	6
Copper	mg/kg	11	2	3	39	88
Lead	mg/kg	50	6	18	19	25
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	3	3	2	13	5
Zinc	mg/kg	530	28	37	62	50

Acid Extractable metals in soil						
Our Reference:	UNITS	84007-48	84007-49	84007-50	84007-51	84007-53
Your Reference	-----	2193/SP02/A	DUP01	DUP02	TRIPBLANK	C1
Composite Reference	-----					1+2+3
Date Sampled		10/01/2013	10/01/2013	10/01/2013	10/01/2013	10/01/2013
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Arsenic	mg/kg	<4	<4	<4	<4	<4
Cadmium	mg/kg	<0.5	<0.5	0.6	<0.5	<0.5
Chromium	mg/kg	11	11	8	2	11
Copper	mg/kg	3	7	2	<1	12
Lead	mg/kg	11	38	17	<1	6
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	2	2	1	<1	2
Zinc	mg/kg	33	340	29	2	18

Acid Extractable metals in soil						
Our Reference:	UNITS	84007-54	84007-55	84007-56	84007-57	84007-58
Your Reference	-----	C2	C3	C4	C5	C6
Composite Reference	-----	4+5+6	7+8+9	+10+11+12	13+14	15+16
Date Sampled		10/01/2013	10/01/2013	10/01/2013	10/01/2013	10/01/2013
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Arsenic	mg/kg	<4	<4	<4	8	<4
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	17	10	15	41	19
Copper	mg/kg	15	1	1	4	2
Lead	mg/kg	10	4	4	13	4
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	3	2	2	4	3
Zinc	mg/kg	35	5	5	24	10

Client Reference: Malbec Properties Mundamia

Acid Extractable metals in soil						
Our Reference:	UNITS	84007-59	84007-60	84007-61	84007-62	84007-63
Your Reference	-----	C7	C8	C9	C10	C11
Composite Reference	-----	17+18	23+24	25+26	27+28	29+30
Date Sampled		10/01/2013	10/01/2013	10/01/2013	10/01/2013	10/01/2013
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Arsenic	mg/kg	<4	<4	8	<4	<4
Cadmium	mg/kg	<0.5	<0.5	<0.5	0.7	<0.5
Chromium	mg/kg	23	18	18	10	11
Copper	mg/kg	<1	7	16	88	50
Lead	mg/kg	3	30	60	67	110
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	3	3	4	3	3
Zinc	mg/kg	9	230	240	320	960

Acid Extractable metals in soil					
Our Reference:	UNITS	84007-64	84007-66	84007-67	84007-68
Your Reference	-----	C12	C14	C15	2193/SP01/A
Composite Reference	-----	31+32	35+36	37+38	- Triplicate
Date Sampled		10/01/2013	10/01/2013	10/01/2013	10/01/2013
Type of sample		Soil	Soil	Soil	Soil
Date digested	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Date analysed	-	14/01/2013	14/01/2013	14/01/2013	14/01/2013
Arsenic	mg/kg	<4	<4	<4	5
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	14	7	17	16
Copper	mg/kg	20	10	23	47
Lead	mg/kg	56	9	57	17
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	5	1	6	12
Zinc	mg/kg	560	190	190	58

Client Reference: Malbec Properties Mundamia

Moisture Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-19 2193/AreaA/ A 10/01/2013 Soil	84007-20 2193/AreaA/ B 10/01/2013 Soil	84007-21 2193/AreaB/ A 10/01/2013 Soil	84007-22 2193/AreaB/B 10/01/2013 Soil	84007-33 2193/AreaH/ A 10/01/2013 Soil
Date prepared	-	14/01/13	14/01/13	14/01/13	14/01/13	14/01/13
Date analysed	-	15/01/13	15/01/13	15/01/13	15/01/13	15/01/13
Moisture	%	3.4	1.8	0.9	1.4	5.0

Moisture Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-34 2193/AreaH/B 10/01/2013 Soil	84007-39 2193/RP01/A 10/01/2013 Soil	84007-40 2193/RP02/A 10/01/2013 Soil	84007-41 2193/RP03/A 10/01/2013 Soil	84007-42 2193/RP04/A 10/01/2013 Soil
Date prepared	-	14/01/13	14/01/13	14/01/13	14/01/13	14/01/13
Date analysed	-	15/01/13	15/01/13	15/01/13	15/01/13	15/01/13
Moisture	%	3.7	8.8	4.1	6.5	7.0

Moisture Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-43 2193/RP05/B 10/01/2013 Soil	84007-44 2193/RP06/A 10/01/2013 Soil	84007-45 2193/RP07/B 10/01/2013 Soil	84007-46 2193/SP01/A 10/01/2013 Soil	84007-47 2193/SP01/B 10/01/2013 Soil
Date prepared	-	14/01/13	14/01/13	14/01/13	14/01/13	14/01/13
Date analysed	-	15/01/13	15/01/13	15/01/13	15/01/13	15/01/13
Moisture	%	4.4	2.9	6.3	2.0	9.3

Moisture Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-48 2193/SP02/A 10/01/2013 Soil	84007-49 DUP01 10/01/2013 Soil	84007-50 DUP02 10/01/2013 Soil	84007-51 TRIPBLANK 10/01/2013 Soil	84007-53 C1 1+2+3 10/01/2013 Soil
Date prepared	-	14/01/13	14/01/13	14/01/13	14/01/13	14/01/13
Date analysed	-	15/01/13	15/01/13	15/01/13	15/01/13	15/01/13
Moisture	%	3.7	3.6	3.5	[NT]	5.3

Moisture Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-54 C2 4+5+6 10/01/2013 Soil	84007-55 C3 7+8+9 10/01/2013 Soil	84007-56 C4 +10+11+12 10/01/2013 Soil	84007-57 C5 13+14 10/01/2013 Soil	84007-58 C6 15+16 10/01/2013 Soil
Date prepared	-	14/01/13	14/01/13	14/01/13	14/01/13	14/01/13
Date analysed	-	15/01/13	15/01/13	15/01/13	15/01/13	15/01/13
Moisture	%	7.5	12	6.5	55	37

Client Reference: Malbec Properties Mundamia

Moisture						
Our Reference:	UNITS	84007-59	84007-60	84007-61	84007-62	84007-63
Your Reference	-----	C7	C8	C9	C10	C11
Composite Reference	-----	17+18	23+24	25+26	27+28	29+30
Date Sampled		10/01/2013	10/01/2013	10/01/2013	10/01/2013	10/01/2013
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	14/01/13	14/01/13	14/01/13	14/01/13	14/01/13
Date analysed	-	15/01/13	15/01/13	15/01/13	15/01/13	15/01/13
Moisture	%	10	5.3	3.8	3.7	5.3

Moisture				
Our Reference:	UNITS	84007-64	84007-66	84007-67
Your Reference	-----	C12	C14	C15
Composite Reference	-----	31+32	35+36	37+38
Date Sampled		10/01/2013	10/01/2013	10/01/2013
Type of sample		Soil	Soil	Soil
Date prepared	-	14/01/13	14/01/13	14/01/13
Date analysed	-	15/01/13	15/01/13	15/01/13
Moisture	%	12	2.6	4.3

Client Reference: Malbec Properties Mundamia

Asbestos ID - soils Our Reference: Your Reference	UNITS -----	84007-19 2193/AreaA/ A	84007-20 2193/AreaA/ B	84007-21 2193/AreaB/ A	84007-23 2193/AreaC/ A	84007-25 2193/AreaD/ A
Composite Reference Date Sampled Type of sample	-----	10/01/2013 Soil	10/01/2013 Soil	10/01/2013 Soil	10/01/2013 Soil	10/01/2013 Soil
Date analysed	-	17/01/2013	17/01/2013	17/01/2013	17/01/2013	17/01/2013
Sample mass tested	g	Approx 45g	Approx 45g	Approx 45g	Approx 45g	Approx 45g
Sample Description	-	Dark brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Black fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected

Asbestos ID - soils Our Reference: Your Reference	UNITS -----	84007-27 2193/AreaE/A	84007-31 2193/AreaG/ A	84007-33 2193/AreaH/ A	84007-35 2193/AreaI/A	84007-37 2193/AreaJ/A
Composite Reference Date Sampled Type of sample	-----	10/01/2013 Soil	10/01/2013 Soil	10/01/2013 Soil	10/01/2013 Soil	10/01/2013 Soil
Date analysed	-	17/01/2013	17/01/2013	17/01/2013	17/01/2013	17/01/2013
Sample mass tested	g	Approx 45g	Approx 45g	Approx 45g	Approx 45g	Approx 45g
Sample Description	-	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected

Client Reference: Malbec Properties Mundamia

Asbestos ID - soils Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-39 2193/RP01/A 10/01/2013 Soil	84007-40 2193/RP02/A 10/01/2013 Soil	84007-41 2193/RP03/A 10/01/2013 Soil	84007-42 2193/RP04/A 10/01/2013 Soil	84007-43 2193/RP05/B 10/01/2013 Soil
Date analysed	-	17/01/2013	17/01/2013	17/01/2013	17/01/2013	17/01/2013
Sample mass tested	g	Approx 45g	Approx 45g	Approx 45g	Approx 45g	Approx 45g
Sample Description	-	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected

Asbestos ID - soils Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-44 2193/RP06/A 10/01/2013 Soil	84007-45 2193/RP07/B 10/01/2013 Soil	84007-46 2193/SP01/A 10/01/2013 Soil	84007-47 2193/SP01/B 10/01/2013 Soil	84007-48 2193/SP02/A 10/01/2013 Soil
Date analysed	-	17/01/2013	17/01/2013	17/01/2013	17/01/2013	17/01/2013
Sample mass tested	g	Approx 45g	Approx 45g	Approx 45g	Approx 45g	Approx 45g
Sample Description	-	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Dark brown fine-grained soil & rocks	Brown fine-grained soil & rocks
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected