TABLES

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Table 1
Soil Analytical Data - BTEXN, TRH
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			BTEXN							Total Petroleum Hydrocarbons					Total Recoverable Hydrocarbons						
			Benzene	Toluene	Ethylbenzene	meta- & para-Xylene	ortho-Xylene	Total Xylenes	Naphthalene	C_6 - C_9	C_{10} - C_{14}	C_{15} - C_{28}	C_{29} - C_{36}	C_{10} - C_{36} sum	C_6 - C_{10}	C_6 - C_{10} minus BTEX (F1)	$>C_{10}$ - C_{16}	$>C_{10}$ - C_{16} minus Naphthalene (F2)	$>C_{16}$ - C_{34}	$>C_{34}$ - C_{40}	$>C_{10}$ - C_{40} (sum)
LOR			0.1	0.1	0.1	0.2	0.1	0.3	0.5	20	20	50	50	50	20	20	50	50	100	100	100
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
ESL - Urban Residential/Public Open Space, Coarse (NEPM 2013)			50	85	70	--	--	105	--	--	--	--	--	--	--	180	120	--	300	2,800	--
EIL - Urban Residential/Public Open Space (NEPM 2013)			--	--	--	--	--	--	170	--	--	--	--	--	--	--	--	--	--	--	--
Management Limits - Residential/Parkland/Public Open Space, Coarse (NEPM 2013)			--	--	--	--	--	--	--	--	--	--	--	--	700	--	1,000	--	2,500	10,000	--
HSL C - Direct Contact (CRC CARE 2011)			120	18,000	5,300	--	--	15,000	1,900	--	--	--	--	--	5,100	NL	3,800	NL	5,300	7,400	--
HSL - Direct Contact Maintanence Workers (CRC CARE 2011)			1,100	280,000	85,000	--	--	230,000	29,000	--	--	--	--	--	82,000	NL	62,000	NL	85,000	120,000	--
Sample Name	Sample Date	Start Depth (m)																			
BS10_0.1	08-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.3	< 0.5	< 20	< 20	< 50	< 50	< 50	< 20	< 20	< 50	< 50	< 100	< 100	< 100
FB03_0.1	08-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.3	< 0.5	< 20	< 20	< 50	< 50	< 50	< 20	< 20	< 50	< 50	< 100	< 100	< 100
FB05_0.1	08-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.3	< 0.5	< 20	**27**	**76**	**88**	**191**	< 20	< 20	< 50	< 50	**130**	< 100	**130**
MY01_0.1	08-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.3	< 0.5	< 20	< 20	< 50	< 50	< 50	< 20	< 20	< 50	< 50	< 100	< 100	< 100
PG02_0.1	08-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.3	< 0.5	< 20	< 20	< 50	< 50	< 50	< 20	< 20	< 50	< 50	< 100	< 100	< 100
PV07_0.7	08-Apr-20	0.7	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.3	< 0.5	< 20	< 20	< 50	< 50	< 50	< 20	< 20	< 50	< 50	< 100	< 100	< 100

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
NL - Not limiting
mg/kg - Milligrams per kilogram
BTEXN - Benzene, toluene, ethylbenzene, total xylenes, naphthalene
Bold indicates a detection above the laboratory limit of reporting

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).
CRC CARE Technical Report No. 10 - Health Screening Level (HSL) for Petroleum Hydrocarbons in Soil and Groundwater, Part 2: Application Document (2011).

Table 2
Soil Analytical Data - Inorganics
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Anions and Cations												
			Cyanide (total)	Fluoride	Free Cyanide	Total Phosphorus	Total Nitrogen as N	Total Kjeldahl Nitrogen as N	Nitrogen	Cation Exchange Capacity	Total Organic Carbon	Electrical Conductivity @ 25°C	pH	Clay (<2 µm)
LOR			5.0	100	5.0	5.0	5.0	10	10	0.05	0.1	10	0.1	1.0
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	µS/cm	pH units	%
HIL C - Recreational (NEPM 2013)			--	--	240	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	Start Depth (m)												
BS10_0.1	08-Apr-20	0.1	< 5.0	**180**	-	-	-	-	-	-	-	-	**6.7**	**-**
FB03_0.1	08-Apr-20	0.1	< 5.0	**250**	-	-	-	-	-	-	-	-	**7.1**	**-**
FB05_0.1	08-Apr-20	0.1	< 5.0	**510**	-	-	-	-	-	-	-	-	**7.0**	**-**
MY01_0.1	09-Apr-20	0.1	< 5.0	**290**	-	-	-	-	-	-	-	-	**7.0**	**-**
OG26_0.1	07-Apr-20	0.1	-	-	-	**340**	< 5.0	**2,600**	**2,600**	-	-	-	-	-
OG28_0.1	07-Apr-20	0.1	-	-	-	-	-	-	-	**10**	**2.5**	< 10	**5.8**	**18**
OG31_0.1	06-Apr-20	0.1	-	-	-	**540**	< 5.0	**4,800**	**4,800**	-	-	-	-	-
OG40_0.1	06-Apr-20	0.1	-	-	-	**600**	**11**	**5,500**	**5,511**	-	-	-	-	-
OG49_0.5	06-Apr-20	0.5	-	-	-	-	-	-	-	**4.5**	**2.4**	**21**	**4.8**	**16**
OG53_0.1	09-Apr-20	0.1	-	-	-	-	-	-	-	**7.1**	**2.5**	**940**	**4.7**	**19**
OG53_0.5	09-Apr-20	0.5	-	-	-	-	-	-	-	**2.5**	**0.4**	< 10	**5.2**	**17**
PG02_0.1	09-Apr-20	0.1	-	-	< 5.0	-	-	-	-	-	-	-	-	-
PV07_0.7	08-Apr-20	0.7	< 5.0	**330**	-	-	-	-	-	-	-	-	**7.2**	**-**

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
mg/kg - Milligrams per kilogram
µS/cm - Microsiemens per centimeter
Bold indicates a detection above the laboratory limit of reporting

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).

Table 3
Soil Analytical Data - Metals
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Metals																	
			Arsenic	Beryllium	Boron	Cadmium	Chromium	Chromium VI	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Zinc
LOR			2.0	2.0	10	0.4	5.0	1.0	5.0	5.0	20	5.0	5.0	0.1	5.0	5.0	2.0	0.2	10	5.0
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			300	90	20,000	90	--	300	300	17,000	--	600	19,000	80	--	1,200	700	--	--	30,000
EIL - Urban Residential/Public Open Space (NEPM 2013)			100	--	--	--	190	--	--	60	--	1,100	--	--	--	170	--	--	--	310
Sample Name	Sample Date	Start Depth (m)																		
BS01_0.1	08-Apr-20	0.1	**2.1**	-	-	< 0.4	**13**	-	-	**6.7**	-	**13**	-	-	-	**11**	-	-	-	**26**
BS06_0.1	08-Apr-20	0.1	**4.0**	-	-	< 0.4	**18**	-	-	**6.9**	-	**16**	-	-	-	**8.0**	-	-	-	**40**
BS10_0.1	08-Apr-20	0.1	**2.7**	-	-	< 0.4	**15**	< 1.0	-	**6.3**	-	**12**	-	< 0.1	< 5.0	**9.2**	< 2.0	< 0.2	< 10	**44**
CG01_0.1	08-Apr-20	0.1	**5.4**	-	-	< 0.4	**42**	-	-	**17**	-	**27**	-	-	-	**28**	-	-	-	**42**
CG02_0.1	08-Apr-20	0.1	**3.9**	-	-	< 0.4	**30**	-	-	**12**	-	**24**	-	-	-	**18**	-	-	-	**33**
CG02_0.5	08-Apr-20	0.5	**3.4**	-	-	< 0.4	**36**	-	-	**16**	-	**21**	-	-	-	**29**	-	-	-	**42**
CG03_0.1	08-Apr-20	0.1	< 2.0	-	-	< 0.4	**14**	-	-	< 5.0	-	**9.4**	-	-	-	< 5.0	-	-	-	**15**
CG04_0.1	08-Apr-20	0.1	**3.9**	-	-	< 0.4	**11**	-	-	< 5.0	-	**8.0**	-	-	-	< 5.0	-	-	-	**18**
CG05_0.1	08-Apr-20	0.1	**2.8**	-	-	< 0.4	**10**	-	-	< 5.0	-	**10**	-	-	-	**5.0**	-	-	-	**15**
CG06_0.1	08-Apr-20	0.1	**3.2**	-	-	< 0.4	**19**	-	-	**8.4**	-	**14**	-	-	-	**11**	-	-	-	**27**
CG07_0.1	08-Apr-20	0.1	**3.3**	-	-	< 0.4	**25**	-	-	**12**	-	**17**	-	-	-	**16**	-	-	-	**36**
CG08_0.1	08-Apr-20	0.1	**4.0**	-	-	< 0.4	**35**	-	-	**13**	-	**21**	-	-	-	**23**	-	-	-	**50**
CG08_0.5	08-Apr-20	0.5	**8.0**	-	-	< 0.4	**47**	-	-	**16**	-	**34**	-	-	-	**39**	-	-	-	**68**
CG09_0.1	08-Apr-20	0.1	< 2.0	-	-	< 0.4	**11**	-	-	< 5.0	-	**12**	-	-	-	< 5.0	-	-	-	**13**
CG10_0.1	08-Apr-20	0.1	**2.9**	-	-	< 0.4	**26**	-	-	**11**	-	**17**	-	-	-	**12**	-	-	-	**48**
CG10_0.7	08-Apr-20	0.7	**4.8**	-	-	< 0.4	**26**	-	-	**11**	-	**17**	-	-	-	**21**	-	-	-	**43**
CG11_0.1	08-Apr-20	0.1	**3.1**	-	-	< 0.4	**25**	-	-	**13**	-	**17**	-	-	-	**15**	-	-	-	**49**
CG12_0.1	08-Apr-20	0.1	**3.0**	-	-	< 0.4	**30**	-	-	**15**	-	**20**	-	-	-	**17**	-	-	-	**59**
FB01_0.1	08-Apr-20	0.1	**3.2**	-	-	< 0.4	**16**	-	-	< 5.0	-	**16**	-	-	-	< 5.0	-	-	-	**12**
FB02_0.1	08-Apr-20	0.1	< 2.0	-	-	< 0.4	**110**	-	-	**18**	-	**12**	-	-	-	**52**	-	-	-	**51**
FB03_0.1	08-Apr-20	0.1	< 2.0	-	-	< 0.4	**24**	< 1.0	-	**8.8**	-	**19**	-	< 0.1	< 5.0	**9.1**	< 2.0	< 0.2	< 10	**42**
FB04_0.1	08-Apr-20	0.1	**2.2**	-	-	< 0.4	**11**	-	-	< 5.0	-	**13**	-	-	-	< 5.0	-	-	-	**9.6**
FB05_0.1	08-Apr-20	0.1	**4.3**	-	-	< 0.4	**36**	< 1.0	-	**12**	-	**28**	-	< 0.1	< 5.0	**17**	< 2.0	< 0.2	< 10	**25**
MW01_0.1	02-Apr-20	0.1	**180**	-	-	< 0.4	**7.8**	-	-	**17**	-	**23**	-	-	-	**15**	-	-	-	**130**
MW02_0.1	02-Apr-20	0.1	**3.1**	-	-	< 0.4	**37**	-	-	**15**	-	**20**	-	-	-	**27**	-	-	-	**50**
MW03_0.1	02-Apr-20	0.1	**2.2**	-	-	< 0.4	**27**	-	-	**8.6**	-	**57**	-	-	-	**11**	-	-	-	**16**
MY01_0.1	09-Apr-20	0.1	**4.4**	-	-	< 0.4	**27**	< 1.0	-	**13**	-	**21**	-	< 0.1	< 5.0	**16**	< 2.0	< 0.2	< 10	**30**
MY02_0.1	09-Apr-20	0.1	**2.2**	-	-	< 0.4	**13**	-	-	< 5.0	-	**17**	-	-	-	**5.2**	-	-	-	**16**
MY03_0.1	09-Apr-20	0.1	< 2.0	-	-	< 0.4	**12**	-	-	< 5.0	-	**13**	-	-	-	**5.2**	-	-	-	**13**
MY04_0.1	09-Apr-20	0.1	**2.8**	-	-	< 0.4	**16**	-	-	**5.2**	-	**15**	-	-	-	**6.7**	-	-	-	**21**
MY05_0.1	09-Apr-20	0.1	< 2.0	-	-	< 0.4	**9.8**	-	-	< 5.0	-	**11**	-	-	-	< 5.0	-	-	-	**16**
OG01_0.1	06-Apr-20	0.1	**6.0**	-	-	< 0.4	**36**	-	-	**11**	-	**320**	-	-	-	**16**	-	-	-	**24**
OG02_0.1	07-Apr-20	0.1	**4.3**	-	-	< 0.4	**82**	-	-	**16**	-	**21**	-	-	-	**31**	-	-	-	**28**
OG03_0.1	06-Apr-20	0.1	**4.8**	-	-	< 0.4	**29**	-	-	**17**	-	**24**	-	-	-	**9.0**	-	-	-	**15**
OG04_0.1	06-Apr-20	0.1	**4.2**	-	-	< 0.4	**26**	-	-	**14**	-	**130**	-	-	-	**11**	-	-	-	**22**
OG05_0.1	06-Apr-20	0.1	**5.3**	-	-	< 0.4	**37**	-	-	**14**	-	**74**	-	-	-	**16**	-	-	-	**19**
OG06_0.1	06-Apr-20	0.1	**4.9**	-	-	< 0.4	**44**	-	-	**14**	-	**400**	-	-	-	**26**	-	-	-	**27**
OG07_0.1	06-Apr-20	0.1	**3.0**	-	-	< 0.4	**62**	-	-	**18**	-	**140**	-	-	-	**40**	-	-	-	**26**
OG08_0.1	07-Apr-20	0.1	**7.0**	-	-	< 0.4	**110**	-	-	**21**	-	**25**	-	-	-	**42**	-	-	-	**38**
OG09_0.1	07-Apr-20	0.1	< 2.0	-	-	< 0.4	**95**	-	-	**13**	-	**40**	-	-	-	**26**	-	-	-	**35**
OG10_0.1	07-Apr-20	0.1	**2.4**	-	-	< 0.4	**93**	-	-	**20**	-	**54**	-	-	-	**40**	-	-	-	**44**
OG11_0.5	02-Apr-20	0.5	**9.4**	-	-	< 0.4	**32**	-	-	**16**	-	**17**	-	-	-	**10**	-	-	-	**27**
OG12_0.1	06-Apr-20	0.1	**2.1**	-	-	< 0.4	**44**	-	-	**10**	-	**130**	-	-	-	**26**	-	-	-	**26**
OG13_0.1	06-Apr-20	0.1	< 2.0	-	-	< 0.4	**42**	-	-	**18**	-	**14**	-	-	-	**28**	-	-	-	**73**
OG13_0.7	06-Apr-20	0.7	< 2.0	-	-	< 0.4	**26**	-	-	**12**	-	**11**	-	-	-	**22**	-	-	-	**89**
OG14_0.1	07-Apr-20	0.1	**12**	-	-	< 0.4	**17**	-	-	< 5.0	-	**19**	-	-	-	**6.2**	-	-	-	**20**
OG14_0.5	07-Apr-20	0.5	**8.5**	-	-	< 0.4	**20**	-	-	**5.0**	-	**13**	-	-	-	**6.9**	-	-	-	**19**
OG15_0.1	07-Apr-20	0.1	**2.8**	-	-	< 0.4	**15**	-	-	< 5.0	-	**12**	-	-	-	< 5.0	-	-	-	**15**
OG15_0.7	07-Apr-20	0.7	**4.1**	-	-	< 0.4	**27**	-	-	**6.0**	-	**23**	-	-	-	**8.0**	-	-	-	**21**
OG16_0.1	07-Apr-20	0.1	**2.9**	-	-	< 0.4	**19**	-	-	**5.4**	-	**290**	-	-	-	**6.9**	-	-	-	**22**
OG16_0.4	07-Apr-20	0.4	**2.3**	-	-	< 0.4	**22**	-	-	< 5.0	-	**28**	-	-	-	**6.9**	-	-	-	**19**
OG17_0.1	07-Apr-20	0.1	**2.7**	-	-	< 0.4	**14**	-	-	< 5.0	-	**92**	-	-	-	**5.5**	-	-	-	**14**
OG18_0.1	07-Apr-20	0.1	**2.3**	-	-	< 0.4	**15**	-	-	< 5.0	-	**49**	-	-	-	**5.4**	-	-	-	**16**
OG19_0.1	07-Apr-20	0.1	**5.4**	-	-	< 0.4	**27**	-	-	**8.3**	-	**35**	-	-	-	**12**	-	-	-	**24**
OG20_0.1	07-Apr-20	0.1	**2.3**	-	-	< 0.4	**13**	-	-	< 5.0	-	**130**	-	-	-	**7.3**	-	-	-	**12**
OG20_0.4	07-Apr-20	0.4	**6.8**	-	-	< 0.4	**47**	-	-	**12**	-	**50**	-	-	-	**14**	-	-	-	**20**
OG21_0.1	06-Apr-20	0.1	**4.9**	-	-	< 0.4	**28**	-	-	**11**	-	**36**	-	-	-	**14**	-	-	-	**22**
OG22_0.1	07-Apr-20	0.1	< 2.0	-	-	< 0.4	**12**	-	-	**8.5**	-	**15**	-	-	-	**6.1**	-	-	-	**33**
OG23_0.1	07-Apr-20	0.1	**3.1**	-	-	< 0.4	**30**	-	-	**8.8**	-	**65**	-	-	-	**15**	-	-	-	**22**
OG24_0.1	07-Apr-20	0.1	**2.5**	-	-	< 0.4	**16**	-	-	< 5.0	-	**16**	-	-	-	< 5.0	-	-	-	**21**
OG24_0.5	07-Apr-20	0.5	**2.5**	-	-	< 0.4	**19**	-	-	**5.1**	-	**14**	-	-	-	**5.0**	-	-	-	**17**
OG25_0.1	07-Apr-20	0.1	**3.5**	-	-	< 0.4	**78**	-	-	**24**	-	**53**	-	-	-	**44**	-	-	-	**39**
OG25_1.0	07-Apr-20	1.0	**4.8**	-	-	< 0.4	**81**	-	-	**22**	-	**21**	-	-	-	**59**	-	-	-	**39**
OG26_0.1	07-Apr-20	0.1	**4.5**	-	-	< 0.4	**20**	-	-	**7.5**	-	**98 ***	-	-	-	**10**	-	-	-	**42**
OG27_0.1	07-Apr-20	0.1	**3.8**	-	-	< 0.4	**26**	-	-	**7.8**	-	**15**	-	-	-	**14**	-	-	-	**19**

Table 3
Soil Analytical Data - Metals
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

KLEINFELDER
Bright People. Right Solutions.

Analyte			Metals																	
			Arsenic	Beryllium	Boron	Cadmium	Chromium	Chromium VI	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Zinc
LOR			2.0	2.0	10	0.4	5.0	1.0	5.0	5.0	20	5.0	5.0	0.1	5.0	5.0	2.0	0.2	10	5.0
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			300	90	20,000	90	--	300	300	17,000	--	600	19,000	80	--	1,200	700	--	--	30,000
EIL - Urban Residential/Public Open Space (NEPM 2013)			100	--	--	--	190	--	--	60	--	1,100	--	--	--	170	--	--	--	310
Sample Name	Sample Date	Start Depth (m)																		
OG28_0.1	07-Apr-20	0.1	**7.2**	-	-	< 0.4	**49**	-	-	**17**	**30,000**	**76**	-	-	-	**34**	-	-	-	**43**
OG29_0.1	06-Apr-20	0.1	**3.8**	-	-	< 0.4	**38**	-	-	**11**	-	**23**	-	-	-	**25**	-	-	-	**47**
OG30_0.1	06-Apr-20	0.1	**6.7**	-	-	< 0.4	**54**	-	-	**18**	-	**28**	-	-	-	**40**	-	-	-	**60**
OG31_0.1	06-Apr-20	0.1	**49**	-	-	< 0.4	**32**	-	-	**15**	-	**43**	-	-	-	**23**	-	-	-	**69**
OG32_0.1	06-Apr-20	0.1	**5.1**	-	-	< 0.4	**23**	-	-	**7.0**	-	**34**	-	-	-	**9.3**	-	-	-	**29**
OG33_0.1	06-Apr-20	0.1	**3.5**	-	-	< 0.4	**21**	-	-	**13**	-	**91**	-	-	-	**19**	-	-	-	**27**
OG34_0.1	06-Apr-20	0.1	< 2.0	-	-	< 0.4	**10**	-	-	< 5.0	-	**38**	-	-	-	< 5.0	-	-	-	**12**
OG35_0.1	06-Apr-20	0.1	**5.6**	-	-	< 0.4	**12**	-	-	**5.5**	-	**26**	-	-	-	**7.4**	-	-	-	**18**
OG36_0.1	06-Apr-20	0.1	**9.1**	-	-	< 0.4	**27**	-	-	**11**	-	**170**	-	-	-	**17**	-	-	-	**28**
OG36_0.6	06-Apr-20	0.6	**10***	-	-	< 0.4	**27**	-	-	**12**	-	**33**	-	-	-	**11**	-	-	-	**23**
OG37_0.1	06-Apr-20	0.1	< 2.0	-	-	< 0.4	**6.8**	-	-	< 5.0	-	**8.6**	-	-	-	< 5.0	-	-	-	**9.8**
OG38_0.1	06-Apr-20	0.1	**3.0**	-	-	< 0.4	**130**	-	-	**44**	-	**350**	-	-	-	**100**	-	-	-	**100**
OG39_0.1	06-Apr-20	0.1	**3.2**	-	-	< 0.4	**39**	-	-	**11**	-	**60**	-	-	-	**19**	-	-	-	**34**
OG40_0.1	06-Apr-20	0.1	**5.0**	-	-	< 0.4	**27**	-	-	**13**	-	**52**	-	-	-	**17**	-	-	-	**35**
OG41_0.1	06-Apr-20	0.1	**4.5**	-	-	< 0.4	**29**	-	-	**10**	-	**17**	-	-	-	**15**	-	-	-	**29**
OG42_0.1	07-Apr-20	0.1	**4.9**	-	-	< 0.4	**170**	-	-	**30**	-	**170**	-	-	-	**72**	-	-	-	**74**
OG43_0.1	07-Apr-20	0.1	< 2.0	-	-	< 0.4	**79**	-	-	**9.2**	-	**47**	-	-	-	**26**	-	-	-	**25**
OG44_0.1	07-Apr-20	0.1	**2.7**	-	-	< 0.4	**130**	-	-	**26**	-	**17**	-	-	-	**69**	-	-	-	**71**
OG45_0.1	07-Apr-20	0.1	**4.6**	-	-	< 0.4	**60**	-	-	**18**	-	**470**	-	-	-	**28**	-	-	-	**36**
OG46_0.1	06-Apr-20	0.1	**4.6**	-	-	< 0.4	**43**	-	-	**15**	-	**29**	-	-	-	**28**	-	-	-	**34**
OG47_0.1	06-Apr-20	0.1	**4.4**	-	-	< 0.4	**33**	-	-	**18**	-	**100**	-	-	-	**21**	-	-	-	**56**
OG48_0.1	06-Apr-20	0.1	**2.0**	-	-	< 0.4	**17**	-	-	**6.9**	-	**19**	-	-	-	< 5.0	-	-	-	**13**
OG49_0.1	06-Apr-20	0.1	**2.8**	-	-	< 0.4	**17**	-	-	**12**	-	**22**	-	-	-	**6.5**	-	-	-	**12**
OG50_0.1	09-Apr-20	0.1	**2.2**	-	-	< 0.4	**67**	-	-	**12**	-	**25**	-	-	-	**23**	-	-	-	**22**
OG51_0.1	09-Apr-20	0.1	**2.4**	-	-	< 0.4	**87**	-	-	**13**	-	**21**	-	-	-	**26**	-	-	-	**28**
OG52_0.1	09-Apr-20	0.1	< 2.0	-	-	< 0.4	**13**	-	-	< 5.0	-	**12**	-	-	-	< 5.0	-	-	-	**22**
OG53_0.1	09-Apr-20	0.1	**12**	-	-	< 0.4	**37**	-	-	**13**	**23,000**	**81**	-	-	-	**18**	-	-	-	**27**
PV01_0.1	08-Apr-20	0.1	**6.2**	-	-	< 0.4	**35**	-	-	**9.9**	-	**52**	-	-	-	**23**	-	-	-	**38**
PV03_0.1	08-Apr-20	0.1	**180**	-	-	< 0.4	**25**	-	-	**22**	-	**59**	-	-	-	**36**	-	-	-	**98**
PV05_0.1	08-Apr-20	0.1	**79**	-	-	< 0.4	**27**	-	-	**17**	-	**58**	-	-	-	**22**	-	-	-	**130**
PV07_0.7	08-Apr-20	0.7	**5.3**	-	-	< 0.4	**25**	< 1.0	-	**7.6**	-	**17**	-	< 0.1	< 5.0	**14**	< 2.0	< 0.2	< 10	**37**
PV10_0.1	08-Apr-20	0.1	**8.0**	-	-	< 0.4	**30**	-	-	**12**	-	**45**	-	-	-	**18**	-	-	-	**94**
SD01	09-Apr-20	0.0	**35 ***	-	-	< 0.4	**17**	-	-	**10**	-	**16**	-	-	-	**11**	-	-	-	**39**
SD02	09-Apr-20	0.0	**2.3**	-	-	< 0.4	**7.6**	-	-	< 5.0	-	**6.3**	-	-	-	< 5.0	-	-	-	**12**

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
mg/kg - Milligrams per kilogram
Bold indicates a detection above the laboratory limit of reporting
"*" denotes duplicate/triplicate sample result adopted for analytical use due to RPD >50%
Highlighting indicates an exceedance of the corresponding criteria (highlighting corresponds to the guideline with the highest criteria value where analytical result exceeds more than one guideline)
RPD - Relative Percentage Difference

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).

Table 3A
Soil Analytical Data - Metals
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Metals																
			Arsenic	Beryllium	Boron	Cadmium	Chromium	Chromium VI	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Zinc
LOR			2.0	2.0	10	0.4	5.0	1.0	5.0	5.0	20	5.0	5.0	0.1	5.0	5.0	2.0	0.2	10	5.0
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL A - Residential (NEPM 2013)			100	60	4,500	20	--	100	100	6,000	--	300	3,800	40	--	400	200	--	--	7,400
EIL - Urban Residential/Public Open Space (NEPM 2013)			100	--	--	--	190	--	--	60	--	1,100	--	--	--	170	--	--	--	310
Sample Name	Sample Date	Start Depth (m)																		
PG01_0.1	09-Apr-20	0.1	**10 ***	-	-	< 0.4	**62 ***	-	-	**13**	**-**	**17**	-	-	-	**25**	-	-	-	**46**
PG02_0.1	09-Apr-20	0.1	**5.2**	< 2.0	< 10	< 0.4	**21**	< 1.0	**5.3**	**9.4**	**-**	**31**	**320**	< 0.1	**-**	**10**	< 2.0	-	-	**89**
PG03_0.1	09-Apr-20	0.1	**4.5**	-	-	< 0.4	**23**	-	-	**14**	**-**	**20**	-	-	-	**14**	-	-	-	**44**
PG04_0.1	09-Apr-20	0.1	**4.3**	-	-	< 0.4	**22**	-	-	**8.7**	**-**	**27**	-	-	-	**12**	-	-	-	**39**
PG05_0.1	09-Apr-20	0.1	**6.2**	-	-	< 0.4	**22**	-	-	**11**	**-**	**22**	-	-	-	**11**	-	-	-	**47**

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
mg/kg - Milligrams per kilogram
Bold indicates a detection above the laboratory limit of reporting
"*" denotes duplicate/triplicate sample result adopted for analytical use due to RPD >50%
Highlighting indicates an exceedance of the corresponding criteria (highlighting corresponds to the guideline with the highest criteria value where analytical result exceeds more than one guideline)
RPD - Relative Percentage Difference

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).

Table 3B
Soil Analytical Data - Metals
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Metals
			Lead
LOR			5.0
Units			mg/kg
HIL A - Residential (NEPM 2013)			300
Sample Name	Sample Date	Start Depth (m)	
SB01_0.15	05-Jan-21	0.15	**12**
SB02_0.1	05-Jan-21	0.1	**16**
SB03_0.15	05-Jan-21	0.15	**13**
SB04_0.1	05-Jan-21	0.1	**11**
SB05_0.1	05-Jan-21	0.1	**11**
SB06_0.1	05-Jan-21	0.1	**12**
SB07_0.1	05-Jan-21	0.1	**35**
SB08_0.1	05-Jan-21	0.1	**33**
SB09_0.1	05-Jan-21	0.1	**17**
SB10_0.1	05-Jan-21	0.1	**19**
SB11_0.1	05-Jan-21	0.1	**16**
SB12_0.1	05-Jan-21	0.1	**21**
SB13_0.1	05-Jan-21	0.1	**52**
SB14_0.1	05-Jan-21	0.1	**16**

Notes:
mg/kg - Milligrams per kilogram
Bold indicates a detection above the laboratory limit of reporting

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).

Table 4
Soil Analytical Data - PAHs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

KLEINFELDER
Bright People. Right Solutions.

Analyte			Polycyclic Aromatic Hydrocarbons																		
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH	Benzo[a]pyrene TEQ (Zero)	Benzo[a]pyrene TEQ (Half LOR)
LOR			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	300	4.0	4.0
ESL - Urban Residential/Public Open Space, Coarse (CRC Care 39)			--	--	--	--	--	--	--	--	--	--	--	--	33	--	--	--	--	--	--
EIL - Urban Residential/Public Open Space (NEPM 2013)			170	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HSL C - Direct Contact (CRC CARE 2011)			1,900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HSL - Direct Contact Maintanence Workers (CRC CARE 2011)			29,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	Start Depth (m)																			
BS01_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
BS06_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
BS10_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG01_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG02_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG02_0.5	08-Apr-20	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG03_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG04_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG05_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG06_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG07_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG08_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG08_0.5	08-Apr-20	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG09_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG10_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG10_0.7	08-Apr-20	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG11_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
CG12_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
FB01_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
FB02_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
FB03_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
FB04_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
FB05_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
MW01_0.1	02-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
MW02_0.1	02-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
MW03_0.1	02-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
MY01_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
MY02_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
MY03_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
MY04_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
MY05_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG01_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG02_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG03_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG04_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.3**	**1.3**	**0.8**	**0.7**	**0.7**	**0.9**	**1.1**	< 0.5	< 0.5	**6.8**	**1.3**	**1.6**
OG05_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG06_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG07_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG08_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG09_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.7**	**0.8**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.5**	< 0.5	**0.6**
OG10_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG11_0.5	02-Apr-20	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG12_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG13_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG13_0.7	06-Apr-20	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG14_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG14_0.5	07-Apr-20	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG15_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG15_0.7	07-Apr-20	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG16_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG16_0.4	07-Apr-20	0.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG17_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG18_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG19_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG20_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG20_0.4	07-Apr-20	0.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG21_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**	< 0.5	**1.9**	**1.9**	**1.6**	**1.1**	**2.1**	**2.0**	**1.9**	**0.6**	< 0.5	< 0.5	**14**	**2.5**	**2.7**
OG22_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG23_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG24_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG24_0.5	07-Apr-20	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG25_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG25_1.0	07-Apr-20	1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG26_0.1	07-Apr-20	0.1	< 0.5	< 0.5	**1.0** *	< 0.5	**7.1** *	**1.4** *	**25** *	**23** *	**15** *	**11** *	**12** *	**11** *	**13** *	**9.2** *	**2.2** *	**8.4** *	**139** *	**20** *	**20** *
OG26_0.4	07-Apr-20	0.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG27_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG28_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.2**	**2.0**	**1.6**	**1.0**	**1.6**	**1.7**	**1.7**	**1.2**	< 0.5	**1.3**	**14**	**2.3**	**2.5**
OG29_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG30_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG31_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG32_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG33_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG34_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG35_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.7**	< 0.5	**0.9**	< 0.5	**0.6**	< 0.5	< 0.5	< 0.5	**2.2**	**0.7**	**1.0**
OG36_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.7**	**0.8**	**1.3**	**0.6**	**1.1**	**1.5**	**1.4**	**0.8**	< 0.5	**1.1**	**9.3**	**1.8**	**2.1**

Table 4
Soil Analytical Data - PAHs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

KLEINFELDER
Bright People. Right Solutions.

Analyte			Polycyclic Aromatic Hydrocarbons																		
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH	Benzo[a]pyrene TEQ (Zero)	Benzo[a]pyrene TEQ (Half LOR)
LOR			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	300	4.0	4.0
ESL - Urban Residential/Public Open Space, Coarse (CRC Care 39)			--	--	--	--	--	--	--	--	--	--	--	--	33	--	--	--	--	--	--
EIL - Urban Residential/Public Open Space (NEPM 2013)			170	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HSL C - Direct Contact (CRC CARE 2011)			1,900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HSL - Direct Contact Maintanence Workers (CRC CARE 2011)			29,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	Start Depth (m)																			
OG36_0.6	06-Apr-20	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG37_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG38_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG39_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG40_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG41_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG42_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	**1.4**	< 0.5	**4.9**	**4.5**	**3.0**	**1.7**	**2.7**	**2.3**	**2.5**	**1.8**	**0.8**	**1.7**	**27**	**4.2**	**4.2**
OG42_0.4	07-Apr-20	0.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG43_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG44_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG45_0.1	07-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG46_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG47_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	**1.1**	< 0.5	**2.4**	**2.3**	**1.8**	**1.0**	**1.2**	**1.3**	**1.3**	**0.9**	< 0.5	**0.8**	**14**	**1.8**	**2.0**
OG48_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG49_0.1	06-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG50_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG51_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG52_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
OG53_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.4** *	< 0.5	**0.6**
PV01_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
PV03_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
PV05_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
PV07_0.7	08-Apr-20	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
PV10_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SD01	09-Apr-20	0.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SD02	09-Apr-20	0.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**

Notes:
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
mg/kg - Milligrams per kilogram
Bold indicates a detection above the laboratory limit of reporting
"*" denotes duplicate/triplicate sample result adopted for analytical use due to RPD >50%
Highlighting indicates an exceedance of the corresponding criteria (highlighting corresponds to the guideline with the highest criteria value where analytical result exceeds more than one guideline)
RPD - Relative Percentage Difference

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).
CRC CARE Technical Report No. 10 - Health Screening Level (HSL) for Petroleum Hydrocarbons in Soil and Groundwater, Part 2: Application Document (2011).

Table 4A
Soil Analytical Data - PAHs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Polycyclic Aromatic Hydrocarbons																		
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH	Benzo[a]pyrene TEQ (Zero)	Benzo[a]pyrene TEQ (Half LOR)
LOR			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL A - Residential (NEPM 2013)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	300	3.0	3.0
ESL - Urban Residential/Public Open Space, Coarse (CRC Care 39)			--	--	--	--	--	--	--	--	--	--	--	--	33	--	--	--	--	--	--
EIL - Urban Residential/Public Open Space (NEPM 2013)			170	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HSL A - Direct Contact (CRC CARE 2011)			1,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HSL - Direct Contact Maintanence Workers (CRC CARE 2011)			29,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	Start Depth (m)																			
PG01_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
PG02_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
PG03_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
PG04_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
PG05_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**

Notes:
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
mg/kg - Milligrams per kilogram
Bold indicates a detection above the laboratory limit of reporting
"*" denotes duplicate/triplicate sample result adopted for analytical use due to RPD >50%
Highlighting indicates an exceedance of the corresponding criteria (highlighting corresponds to the guideline with the highest criteria value where analytical result exceeds more than one guideline)
RPD - Relative Percentage Difference

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013),
CRC CARE Technical Report No. 10 - Health Screening Level (HSL) for Petroleum Hydrocarbons in Soil and Groundwater, Part 2: Application Document (2011).

Table 4B
Soil Analytical Data - PAHs
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

KLEINFELDER
Bright People. Right Solutions.

Analyte			Polycyclic Aromatic Hydrocarbons																		
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH	Benzo[a]pyrene TEQ (Zero)	Benzo[a]pyrene TEQ (Half LOR)
LOR			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL A - Residential (NEPM 2013)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	300	3.0	3.0
HSL A - Direct Contact (CRC CARE 2011)			1,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HSL (Vapour Intrusion) A & B - CLAY (NEPM 2013)	0 m - <1 m		5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1 m - <2 m		NL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2 m - <4 m		NL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4 m +		NL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	Start Depth (m)																			
SB01_0.15	05-Jan-21	0.15	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB02_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB03_0.15	05-Jan-21	0.15	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB04_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB05_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB06_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB07_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB08_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB09_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB10_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB11_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB12_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB13_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**
SB14_0.1	05-Jan-21	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**

Notes:
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
NL - Not limiting
mg/kg - Milligrams per kilogram
Bold indicates a detection above the laboratory limit of reporting

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).
CRC CARE Technical Report No. 10 - Health Screening Level (HSL) for Petroleum Hydrocarbons in Soil and Groundwater, Part 2: Application Document (2011).

Table 5
Soil Analytical Data - PCBs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Polychlorinated Biphenyls							
			Aroclor-1260	Aroclor-1254	Aroclor-1221	Aroclor-1232	Aroclor-1248	Aroclor-1016	Aroclor-1242	Total PCBs
LOR			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			--	--	--	--	--	--	--	1.0
Sample Name	Sample Date	Start Depth (m)								
BS10_0.1	08-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
FB03_0.1	08-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
FB05_0.1	08-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
MY01_0.1	09-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PG02_0.1	09-Apr-20	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PV07_0.7	08-Apr-20	0.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Notes:
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
mg/kg - Milligrams per kilogram
PCB - Polychlorinated Biphenyl

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).

Table 6
Soil Analytical Data - Pesticides
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Organochlorine Pesticides																		
			2,4,5-T	2,4-Dichlorophenoxyacetic Acid	2-Methyl-4-Chlorophenoxy Butanoic Acid	4,4'-DDE	4,4'-DDD	4,4'-DDT	alpha-BHC	beta-BHC	gamma-BHC	delta-BHC	Aldrin	Heptachlor epoxide	Chlordane	alpha-Endosulfan	beta-Endosulfan	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Dieldrin
LOR			0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			800	1,300	800	--	--	--	--	--	--	--	--	--	70	--	--	--	20	--	--	--
EIL - Urban Residential/Public Open Space (NEPM 2013)			--	--	--	--	--	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	Start Depth (m)																				
BS10_0.1	08-Apr-20	0.1	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
CG02_0.1	08-Apr-20	0.1	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
CG07_0.1	08-Apr-20	0.1	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
CG09_0.1	08-Apr-20	0.1	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
CG12_0.1	08-Apr-20	0.1	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
FB03_0.1	08-Apr-20	0.1	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
FB05_0.1	08-Apr-20	0.1	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
MY01_0.1	09-Apr-20	0.1	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
PG02_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	-	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05
PV07_0.7	08-Apr-20	0.7	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
mg/kg - Milligrams per kilogram
DDT - Dichlorodiphenyltrichloroethane
2,4,5-T - 2,4,5-Trichlorophenoxyacetic acid
MCPA - 2-methyl-4-chlorophenoxyacetic acid
DDE - Dichlorodiphenyldichloroethylene
DDD - Dichlorodiphenyldichloroethane

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).

Table 6
Soil Analytical Data - Pesticides
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Heptachlor	Hexachlorobenzene	MCPA	Mecoprop	Methoxychlor	Mirex	Picloram	Toxaphene	Sum of Aldrin + Dieldrin	Sum of DDD + DDE + DDT	Sum of other Organochlorine pesticides	Total Organochlorine Pesticides	Azinphos methyl	Bolstar	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Coumaphos	Demeton-S	Demeton-O
LOR			0.05	0.05	0.5	0.5	0.05	0.01	0.5	1.0	0.05	0.05	0.1	0.1	0.2	0.2	0.2	0.2	0.2	2.0	0.2	0.2
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			10	10	800	--	400	20	5,700	30	10	400	--	--	--	--	--	250	--	--	--	--
EIL - Urban Residential/Public Open Space (NEPM 2013)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	Start Depth (m)																				
BS10_0.1	08-Apr-20	0.1	< 0.05	< 0.05	-	-	< 0.05	-	-	< 1.0	< 0.05	< 0.05	< 0.1	< 0.1	-	-	-	-	-	-	-	-
CG02_0.1	08-Apr-20	0.1	< 0.05	< 0.05	-	-	< 0.05	-	-	< 1.0	< 0.05	< 0.05	< 0.1	< 0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 2.0	< 0.2	< 0.2
CG07_0.1	08-Apr-20	0.1	< 0.05	< 0.05	-	-	< 0.05	-	-	< 1.0	< 0.05	< 0.05	< 0.1	< 0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 2.0	< 0.2	< 0.2
CG09_0.1	08-Apr-20	0.1	< 0.05	< 0.05	-	-	< 0.05	-	-	< 1.0	< 0.05	< 0.05	< 0.1	< 0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 2.0	< 0.2	< 0.2
CG12_0.1	08-Apr-20	0.1	< 0.05	< 0.05	-	-	< 0.05	-	-	< 1.0	< 0.05	< 0.05	< 0.1	< 0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 2.0	< 0.2	< 0.2
FB03_0.1	08-Apr-20	0.1	< 0.05	< 0.05	-	-	< 0.05	-	-	< 1.0	< 0.05	< 0.05	< 0.1	< 0.1	-	-	-	-	-	-	-	-
FB05_0.1	08-Apr-20	0.1	< 0.05	< 0.05	-	-	< 0.05	-	-	< 1.0	< 0.05	< 0.05	< 0.1	< 0.1	-	-	-	-	-	-	-	-
MY01_0.1	09-Apr-20	0.1	< 0.05	< 0.05	-	-	< 0.05	-	-	< 1.0	< 0.05	< 0.05	< 0.1	< 0.1	-	-	-	-	-	-	-	-
PG02_0.1	09-Apr-20	0.1	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.01	< 0.5	< 1.0	-	-	-	-	-	-	-	< 0.2	-	-	-	-
PV07_0.7	08-Apr-20	0.7	< 0.05	< 0.05	-	-	< 0.05	-	-	< 1.0	< 0.05	< 0.05	< 0.1	< 0.1	-	-	-	-	-	-	-	-

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
mg/kg - Milligrams per kilogram
DDT - Dichlorodiphenyltrichloroethane
2,4,5-T - 2,4,5-Trichlorophenoxyacetic acid
MCPA - 2-methyl-4-chlorophenoxyacetic acid
DDE - Dichlorodiphenyldichloroethylene
DDD - Dichlorodiphenyldichloroethane

Criteria:
National Environment Protection (Assessment of Site Contar

Table 6
Soil Analytical Data - Pesticides
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Organophosphorus Pesticides																			
			Disulfoton	Diazinon	Dichlorvos	Dimethoate	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Mevinphos	Monocrotophos	Omethoate	Parathion	Parathion-methyl	Phorate	Pirimiphos-methyl	Ronnel	Terbufos
LOR			0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.0	2.0	0.2	0.2	0.2	0.2	0.2	0.2
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EIL - Urban Residential/Public Open Space (NEPM 2013)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	Start Depth (m)																					
BS10_0.1	08-Apr-20	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CG02_0.1	08-Apr-20	0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 2.0	< 2.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
CG07_0.1	08-Apr-20	0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 2.0	< 2.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
CG09_0.1	08-Apr-20	0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 2.0	< 2.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
CG12_0.1	08-Apr-20	0.1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 2.0	< 2.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
FB03_0.1	08-Apr-20	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FB05_0.1	08-Apr-20	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MY01_0.1	09-Apr-20	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PG02_0.1	09-Apr-20	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PV07_0.7	08-Apr-20	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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mg/kg - Milligrams per kilogram
DDT - Dichlorodiphenyltrichloroethane
2,4,5-T - 2,4,5-Trichlorophenoxyacetic acid
MCPA - 2-methyl-4-chlorophenoxyacetic acid
DDE - Dichlorodiphenyldichloroethylene
DDD - Dichlorodiphenyldichloroethane

Criteria:
National Environment Protection (Assessment of Site Contan

Table 6
Soil Analytical Data - Pesticides
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Tetrachlorvinphos	Trichloronate	Atrazine	Bifenthrin	Naled	Pyrazophos	Tokuthion
LOR			0.2	0.2	0.2	0.05	0.2	0.2	0.2
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			--	--	400	730	--	--	--
EIL - Urban Residential/Public Open Space (NEPM 2013)			--	--	--	--	--	--	--
Sample Name	Sample Date	Start Depth (m)							
BS10_0.1	08-Apr-20	0.1	-	-	-	-	-	-	-
CG02_0.1	08-Apr-20	0.1	< 0.2	< 0.2	-	-	< 0.2	< 0.2	< 0.2
CG07_0.1	08-Apr-20	0.1	< 0.2	< 0.2	-	-	< 0.2	< 0.2	< 0.2
CG09_0.1	08-Apr-20	0.1	< 0.2	< 0.2	-	-	< 0.2	< 0.2	< 0.2
CG12_0.1	08-Apr-20	0.1	< 0.2	< 0.2	-	-	< 0.2	< 0.2	< 0.2
FB03_0.1	08-Apr-20	0.1	-	-	-	-	-	-	-
FB05_0.1	08-Apr-20	0.1	-	-	-	-	-	-	-
MY01_0.1	09-Apr-20	0.1	-	-	-	-	-	-	-
PG02_0.1	09-Apr-20	0.1	-	-	< 0.2	< 0.05	-	-	-
PV07_0.7	08-Apr-20	0.7	-	-	-	-	-	-	-

Notes:
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mg/kg - Milligrams per kilogram
DDT - Dichlorodiphenyltrichloroethane
2,4,5-T - 2,4,5-Trichlorophenoxyacetic acid
MCPA - 2-methyl-4-chlorophenoxyacetic acid
DDE - Dichlorodiphenyldichloroethylene
DDD - Dichlorodiphenyldichloroethane

Criteria:
National Environment Protection (Assessment of Site Contar

Table 7
Soil Analytical Data - Phenols
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Phenolic Compounds (Non-Chlorinated)											Phenolic Compounds (Chlorinated)								
			Phenol	2-Methylphenol (o-Cresol)	3- & 4-Methylphenol (m&p cresol)	2-Nitrophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	4-Nitrophenol	Dinoseb	2-Cyclohexyl-4,6-dinitrophenol	4,6-Dinitro-2-methylphenol	Non-Halogenated Phenols (Sum of total)	2-Chlorophenol	4-Chloro-3-methylphenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	Tetrachlorophenols (Sum of total)	Pentachlorophenol	Halogenated Phenols (Sum of total)
LOR			0.5	0.2	0.4	1.0	0.5	5.0	5.0	20	20	5.0	20	0.5	1.0	0.5	0.5	1.0	1.0	10	1.0	1.0
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HIL C - Recreational (NEPM 2013)			40,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--
Sample Name	Sample Date	Start Depth (m)																				
BS10_0.1	08-Apr-20	0.1	< 0.5	< 0.2	< 0.4	< 1.0	< 0.5	< 5.0	< 5.0	< 20	< 20	< 5.0	< 20	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 10	< 1.0	< 1.0
FB03_0.1	08-Apr-20	0.1	< 0.5	< 0.2	< 0.4	< 1.0	< 0.5	< 5.0	< 5.0	< 20	< 20	< 5.0	< 20	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 10	< 1.0	< 1.0
FB05_0.1	08-Apr-20	0.1	< 0.5	< 0.2	< 0.4	< 1.0	< 0.5	< 5.0	< 5.0	< 20	< 20	< 5.0	< 20	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 10	< 1.0	< 1.0
MW01_0.1	09-Apr-20	0.1	< 0.5	< 0.2	< 0.4	< 1.0	< 0.5	< 5.0	< 5.0	< 20	< 20	< 5.0	< 20	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 10	< 1.0	< 1.0
PG02_0.1	09-Apr-20	0.1	< 0.5	< 0.2	< 0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-
PV07_0.7	08-Apr-20	0.7	< 0.5	< 0.2	< 0.4	< 1.0	< 0.5	< 5.0	< 5.0	< 20	< 20	< 5.0	< 20	< 0.5	< 1.0	< 0.5	< 0.5	< 1.0	< 1.0	< 10	< 1.0	< 1.0

Notes:
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mg/kg - Milligrams per kilogram

Criteria:
National Environment Protection (Assessment of Site Contamination) Measure (NEPM 2013).

Table 8
Soil Analytical Data - VOCs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Halogenated Aliphatic Compounds											Volatile Halogenated Compounds
			1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2,3-Trichloropropane	1,3-Dichloropropane	Bromomethane	Bromochloromethane	Carbon tetrachloride
LOR			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample Name	Sample Date	Start Depth (m)												
BS10_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
FB03_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
FB05_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MY01_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PV07_0.7	08-Apr-20	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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Table 8
Soil Analytical Data - VOCs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Halogenated Aliphatic Compounds						Volatile Halogenated Compounds	Halogenated Aliphatic Compounds	Volatile Halogenated Compounds	Halogenated Aliphatic Compounds	Volatile Halogenated Compounds	Halogenated Aliphatic Compounds	Volatile Halogenated Compounds
			Chloroethane	Chloromethane	cis-1,2-Dichloroethene	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Iodomethane	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride
LOR			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample Name	Sample Date	Start Depth (m)													
BS10_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
FB03_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
FB05_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MY01_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PV07_0.7	08-Apr-20	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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Table 8
Soil Analytical Data - VOCs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Chlorinated MAHs						Volatile Halogenated Compounds	Monocyclic Aromatic Hydrocarbons			Monocyclic Aromatic Hydrocarbons (MAH)	Monocyclic Aromatic Hydrocarbons		Volatile Halogenated Compounds
			1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Isopropylbenzene	Styrene	Sum of monocyclic aromatic hydrocarbons	Sum of other chlorinated hydrocarbons	Sum of volatile chlorinated hydrocarbons
LOR			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample Name	Sample Date	Start Depth (m)														
BS10_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
FB03_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
FB05_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MY01_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PV07_0.7	08-Apr-20	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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Table 8
Soil Analytical Data - VOCs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Trihalomethanes		Volatile Halogenated Compounds	Trihalomethanes	Solvents		Fumigants						
			Bromodichloromethane	Bromoform	Chloroform	Dibromochloromethane	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Acetone	Allyl chloride	1,2-Dibromoethane	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Carbon disulfide
LOR			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample Name	Sample Date	Start Depth (m)													
BS10_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
FB03_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
FB05_0.1	08-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MY01_0.1	09-Apr-20	0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
PV07_0.7	08-Apr-20	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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Table 9
Quality Control Sample Analysis - Metals
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Metals							
			Arsenic	Cadmium	Chromium	Copper	Iron	Lead	Nickel	Zinc
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample Name	Sample Date	Sample Type								
OG36_0.6_06042020	06-Apr-20	Primary	5.1	< 0.4	27	12	-	33	11	23
QC01_06042020	06-Apr-20	Duplicate	5.0	< 0.4	33	12	-	31	14	29
Relative Percentage Difference			2%	NC	20%	0%	NC	6%	24%	23%
OG36_0.6_06042020	06-Apr-20	Primary	5.1	< 0.4	27	12	-	33	11	23
QC02_06042020	06-Apr-20	Triplicate	10	< 1.0	27	11	-	46	12	18
Relative Percentage Difference			**65%**	NC	0%	9%	NC	33%	9%	24%
OG04_0.1_06042020	06-Apr-20	Primary	4.2	< 0.4	26	14	-	130	11	22
QC03_06042020	06-Apr-20	Duplicate	3.7	< 0.4	30	14	-	83	13	26
Relative Percentage Difference			13%	NC	14%	0%	NC	44%	17%	17%
OG04_0.1_06042020	06-Apr-20	Primary	4.2	< 0.4	26	14	-	130	11	22
QC04_06042020	06-Apr-20	Triplicate	6.0	< 1.0	26	14	-	56	11	19
Relative Percentage Difference			35%	NC	0%	0%	NC	**80%**	0%	15%
OG26_0.1_07042020	07-Apr-20	Primary	4.5	< 0.4	20	7.5	-	42	10	42
QC08_07042020	07-Apr-20	Duplicate	4.0	< 0.4	21	7.4	-	98	11	47
Relative Percentage Difference			12%	NC	5%	1%	NC	**80%**	10%	11%
OG26_0.1_07042020	07-Apr-20	Primary	4.5	< 0.4	20	7.5	-	42	10	42
QC09_07042020	07-Apr-20	Triplicate	5.0	< 1.0	18	7.0	-	45	10	38
Relative Percentage Difference			11%	NC	11%	7%	NC	7%	0%	10%
OG20_0.4_07042020	07-Apr-20	Primary	6.8	< 0.4	47	12	-	50	14	20
QC10_07042020	07-Apr-20	Duplicate	5.8	< 0.4	40	12	-	72	15	20
Relative Percentage Difference			16%	NC	16%	0%	NC	36%	7%	0%
OG20_0.4_07042020	07-Apr-20	Primary	6.8	< 0.4	47	12	-	50	14	20
QC11_07042020	07-Apr-20	Triplicate	6.0	< 1.0	34	11	-	49	13	14
Relative Percentage Difference			13%	NC	32%	9%	NC	2%	7%	35%
CG03_0.1_08042020	08-Apr-20	Primary	< 2.0	< 0.4	14	< 5.0	-	9.4	< 5.0	15
QC15_08042020	08-Apr-20	Duplicate	< 2.0	< 0.4	13	< 5.0	-	10	< 5.0	14
Relative Percentage Difference			NC	NC	7%	NC	NC	6%	NC	7%
CG03_0.1_08042020	08-Apr-20	Primary	< 2.0	< 0.4	14	< 5.0	-	9.4	< 5.0	15
QC16_08042020	08-Apr-20	Triplicate	< 5.0	< 1.0	14	< 5.0	-	9.0	4.0	11
Relative Percentage Difference			NC	NC	0%	NC	NC	4%	22%	31%
CG02_0.5_08042020	08-Apr-20	Primary	3.4	< 0.4	36	16	-	21	29	42
QC17_08042020	08-Apr-20	Duplicate	3.0	< 0.4	34	14	-	19	31	36
Relative Percentage Difference			13%	NC	6%	13%	NC	10%	7%	15%
CG02_0.5_08042020	08-Apr-20	Primary	3.4	< 0.4	36	16	-	21	29	42
QC18_08042020	08-Apr-20	Triplicate	< 5.0	< 1.0	30	14	-	21	22	24
Relative Percentage Difference			38%	NC	18%	13%	NC	0%	27%	**55%**
PG01_0.1_09042020	09-Apr-20	Primary	5.7	< 0.4	35	13	-	17	25	46
QC23_09042020	09-Apr-20	Duplicate	8.3	< 0.4	62	13	-	18	26	43
Relative Percentage Difference			37%	NC	**56%**	0%	NC	6%	4%	7%
PG01_0.1_09042020	09-Apr-20	Primary	5.7	< 0.4	35	13	-	17	25	46
QC24_09042020	09-Apr-20	Triplicate	10	< 1.0	35	10	-	17	19	38
Relative Percentage Difference			**55%**	NC	0%	26%	NC	0%	27%	19%
OG53_0.1_09042020	09-Apr-20	Primary	12	< 0.4	37	13	23,000	81	18	27
QC25_09042020	09-Apr-20	Duplicate	4.5	< 0.4	26	13	-	21	13	21
Relative Percentage Difference			**91%**	NC	35%	0%	NC	**118%**	32%	25%
OG53_0.1_09042020	09-Apr-20	Primary	12	< 0.4	37	13	23,000	81	18	27
QC26_09042020	09-Apr-20	Triplicate	6.0	< 1.0	33	13	-	24	16	24
Relative Percentage Difference			**67%**	NC	11%	0%	NC	**109%**	12%	12%
SD01_09042020	09-Apr-20	Primary	7.8	< 0.4	17	10	-	16	11	39
QC27_09042020	09-Apr-20	Duplicate	3.6	< 0.4	11	< 5.0	-	12	7.5	24
Relative Percentage Difference			**74%**	NC	43%	**67%**	NC	29%	38%	48%
SD01_09042020	09-Apr-20	Primary	7.8	< 0.4	17	10	-	16	11	39
QC28_09042020	09-Apr-20	Triplicate	35	< 1.0	14	6.0	-	14	12	65
Relative Percentage Difference			**127%**	NC	19%	50%	NC	13%	9%	50%

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
NC - Not calculated
mg/kg - Milligrams per kilogram
RPD - Relative Percentage Difference

Criteria:

Table 9A
Quality Control Sample Analysis - Metals
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Metals
			Lead
Units			mg/kg
Sample Name	Sample Date	Sample Type	
SB07_0.1_05012021	05-Jan-21	Primary	35
QC01_0.1_05012021	05-Jan-21	Duplicate	34
Relative Percentage Difference			3%
SB07_0.1_05012021	05-Jan-21	Primary	35
QC02_0.1_05012021	05-Jan-21	Triplicate	32
Relative Percentage Difference			9%

Notes:
mg/kg - Milligrams per kilogram

Table 10
Quality Control Sample Analysis - PAHs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Polycyclic Aromatic Hydrocarbons													Polycyclic Aromatic Hydrocarbons							
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo(b+j)fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH	Benzo[a]pyrene TEQ (Zero)	Benzo[a]pyrene TEQ (LOR)	Benzo[a]pyrene TEQ (Half LOR)
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample Name	Sample Date	Sample Type																					
OG36_0.6_06042020	06-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC01_06042020	06-Apr-20	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
OG36_0.6_06042020	06-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC02_06042020	06-Apr-20	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
OG04_0.1_06042020	06-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	1.3	0.8	0.7	0.7	0.9	-	1.1	< 0.5	< 0.5	< 0.5	6.8	1.3	-	1.6
QC03_06042020	06-Apr-20	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	**89%**	**89%**	46%	33%	33%	**57%**	NC	**75%**	NC	NC	NC	**173%**	**89%**	NC	**91%**
OG04_0.1_06042020	06-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	1.3	0.8	0.7	0.7	0.9	-	1.1	< 0.5	< 0.5	< 0.5	6.8	1.3	-	1.6
QC04_06042020	06-Apr-20	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	**89%**	**89%**	46%	33%	NC	**57%**	NC	**75%**	NC	NC	NC	**173%**	**89%**	NC	**91%**
OG26_0.1_07042020	07-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7	1.5	1.4	0.9	1.1	1.2	-	1.4	1.0	0.5	1.1	12	2.3	-	2.3
QC08_07042020	07-Apr-20	Duplicate	< 0.5	< 0.5	1.0	< 0.5	7.1	1.4	25	23	15	11	12	11	-	13	9.2	2.2	8.4	139	20	-	20
Relative Percentage Difference			NC	NC	**67%**	NC	**174%**	**95%**	**175%**	**176%**	**166%**	**170%**	**166%**	**161%**	NC	**161%**	**161%**	**126%**	**154%**	**169%**	**159%**	NC	**159%**
OG26_0.1_07042020	07-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7	1.5	1.4	0.9	1.1	1.2	-	1.4	1.0	0.5	1.1	12	2.3	-	2.3
QC09_07042020	07-Apr-20	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	1.6	< 0.5	4.5	4.3	3.6	3.2	-	2.0	6.8	5.1	2.9	0.9	3.6	39	7.6	7.6	7.6
Relative Percentage Difference			NC	NC	NC	NC	**105%**	NC	**90%**	**97%**	**88%**	**112%**	NC	50%	NC	**114%**	**97%**	**57%**	**106%**	**106%**	**107%**	NC	**107%**
OG20_0.4_07042020	07-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC10_07042020	07-Apr-20	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
OG20_0.4_07042020	07-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC11_07042020	07-Apr-20	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
CG03_0.1_08042020	08-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC15_08042020	08-Apr-20	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
CG03_0.1_08042020	08-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC16_08042020	08-Apr-20	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
CG02_0.5_08042020	08-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC17_08042020	08-Apr-20	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
CG02_0.5_08042020	08-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC18_08042020	08-Apr-20	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
PG01_0.1_09042020	09-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC23_09042020	09-Apr-20	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
PG01_0.1_09042020	09-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC24_09042020	09-Apr-20	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
OG53_0.1_09042020	09-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC25_09042020	09-Apr-20	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	0.7	0.5	0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	2.4	< 0.5	-	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	33%	33%	0%	0%	NC	NC	NC	NC	NC	NC	NC	**131%**	NC	NC	0%
OG53_0.1_09042020	09-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC26_09042020	09-Apr-20	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
SD01_09042020	09-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC27_09042020	09-Apr-20	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
SD01_09042020	09-Apr-20	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC28_09042020	09-Apr-20	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
NC - Not calculated
mg/kg - Milligrams per kilogram
RPD - Relative Percentage Difference

Criteria:

Table 10A
Quality Control Sample Analysis - PAHs
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Polycyclic Aromatic Hydrocarbons																				
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[b] & Benzo[j]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH	Benzo[a]pyrene TEQ (Zero)	Benzo[a]pyrene TEQ (LOR)	Benzo[a]pyrene TEQ (Half LOR)
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample Name	Sample Date	Sample Type																					
SB07_0.1_05012021	05-Jan-21	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC01_0.1_05012021	05-Jan-21	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%
SB07_0.1_05012021	05-Jan-21	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	0.6
QC02_0.1_05012021	05-Jan-21	Triplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.2	0.6
Relative Percentage Difference			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0%

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
NC - Not calculated
mg/kg - Milligrams per kilogram

Table 11
Quality Control Sample Analysis - BTEXN, TRH
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			BTEXN							Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons	
			Benzene	Toluene	Ethylbenzene	meta- & para-Xylene	ortho-Xylene	Total Xylenes	Naphthalene	C_6 - C_9	C_6 - C_{10}	C_6 - C_{10} minus BTEX (F1)
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Name	Sample Date	Sample Type										
QC20_06042020	06-Apr-20	Trip Blank	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001	< 0.003	< 0.01	< 0.02	< 0.02	< 0.02
QC30_09042020	09-Apr-20	Trip Blank	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001	< 0.003	< 0.01	< 0.02	< 0.02	< 0.02

Notes:
< - Less than laboratory limit of reporting
mg/L - Milligrams per litre
BTEXN - Benzene, toluene, ethylbenzene, total xylenes, naphthalene

Table 12
Quality Control Sample Analysis - Metals
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Metals						
			Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Zinc
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Name	Sample Date	Sample Type							
QC07_06042020	06-Apr-20	Rinsate	< 0.001	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005
QC19_06042020	06-Apr-20	Rinsate	< 0.001	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005
QC14_07042020	07-Apr-20	Rinsate	< 0.001	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005
QC29_09042020	09-Apr-20	Rinsate	< 0.001	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005

Notes:
< - Less than laboratory limit of reporting
mg/L - Milligrams per litre

Table 13
Quality Control Sample Analysis - PAHs
Glenlyon Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Polycyclic Aromatic Hydrocarbons																
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Name	Sample Date	Sample Type																	
QC07_06042020	06-Apr-20	Rinsate	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
QC19_06042020	06-Apr-20	Rinsate	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
QC14_07042020	07-Apr-20	Rinsate	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
QC29_09042020	09-Apr-20	Rinsate	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

Notes:
< - Less than laboratory limit of reporting
mg/L - Milligrams per litre

Table 14
Soil Categorisation
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Sample ID	BS01_0.1	BS06_0.1	BS10_0.1	FB01_0.1	FB02_0.1	FB03_0.1	FB04_0.1	FB05_0.1	MY01_0.1	MY02_0.1	MY03_0.1	MY04_0.1	MY05_0.1	PG01_0.1	PG02_0.1	PG03_0.1	PG04_0.1	PG05_0.1	PV01_0.1	PV03_0.1	PV05_0.1	PV07_0.7	PV10_0.1
Sample Date	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20

		FILL MATERIAL upper limits	CATEGORY C upper limits		CATEGORY B upper limits																						
	LOR	TCO (mg/kg)	ASLP1 (mg/L)	TC1 (mg/kg)	ASLP2 (mg/L)	TC2 (mg/kg)																					
pH	0.1	4 - 9	--	2 - 12.5	--	--	-	-	6.7	-	-	7.1	-	7.0	7.0	-	-	-	-	-	-	-	-	-	-	7.2	-
Selected Metals																											
Arsenic	5.0	20	0.7	500	2.8	2,000	2.1	4.0	2.7	3.2	< 2.0	< 2.0	2.2	4.3	4.4	2.2	< 2.0	2.8	< 2.0	5.7	5.2	4.5	4.3	6.2	6.2	180	79	5.3	8.0
Cadmium	1.0	3.0	0.2	100	0.8	400	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Copper	5.0	100	200	5,000	800	20,000	6.7	6.9	6.3	< 5.0	18	8.8	< 5.0	12	13	< 5.0	< 5.0	5.2	< 5.0	13	9.4	14	8.7	11	9.9	22	17	7.6	12
Lead	0.1	300	1.0	1,500	4.0	6,000	13	16	12	16	12	19	13	28	21	17	13	15	11	17	31	20	27	22	52	56	58	17	45
Molybdenum	2.0	40	5.0	1,000	20	4,000	-	-	< 5.0	-	-	< 5.0	-	< 5.0	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-
Nickel	2.0	60	2.0	3,000	8.0	12,000	11	8.0	9.2	< 5.0	52	9.1	< 5.0	17	16	5.2	5.2	6.7	< 5.0	25	10	14	12	11	23	36	22	14	18
Selenium	5.0	10	1.0	50	4.0	200	-	-	< 2.0	-	-	< 2.0	-	< 2.0	< 2.0	-	-	-	-	-	< 2.0	-	-	-	-	-	-	< 2.0	-
Silver	2.0	10	10	180	40	720	-	-	< 0.2	-	-	< 0.2	-	< 0.2	< 0.2	-	-	-	-	-	-	-	-	-	-	-	-	< 0.2	-
Tin	5.0	50	--	500	--	--	-	-	< 10	-	-	< 10	-	< 10	< 10	-	-	-	-	-	-	-	-	-	-	-	-	< 10	-
Zinc	5.0	200	300	35,000	1,200	140,000	26	40	44	12	51	42	9.6	25	30	16	13	21	16	46	89	44	39	47	38	98	130	37	94
Mercury	0.1	1.0	0.1	75	0.4	300	-	-	< 0.1	-	-	< 0.1	-	< 0.1	< 0.1	-	-	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
Chromium (VI)	0.5	1.0	5.0	500	20	2,000	-	-	< 1.0	-	-	< 1.0	-	< 1.0	< 1.0	-	-	-	-	-	< 1.0	-	-	-	-	-	-	< 1.0	-
Miscellaneous																											
Cyanide	1.0	50	8.0		32		-	-	< 5.0	-	-	< 5.0	-	< 5.0	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-
Fluoride	40	450	150	10,000	600	40,000	-	-	180	-	-	250	-	510	290	-	-	-	-	-	-	-	-	-	-	-	-	330	-
Polychlorinated Biphenyls	0.1	2.0	--	* note 6	--	* note 6	-	-	< 0.1	-	-	< 0.1	-	< 0.1	< 0.1	-	-	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
Monocyclic Aromatic Hydrocarbons (MAH)																											
Benzene	0.2	1.0	0.1	4.0	0.4	16	-	-	< 0.1	-	-	< 0.1	-	< 0.1	< 0.1	-	-	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
Toluene	0.5	--	--	--	--	--	-	-	< 0.1	-	-	< 0.1	-	< 0.1	< 0.1	-	-	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
Ethylbenzene	0.5	--	--	--	--	--	-	-	< 0.1	-	-	< 0.1	-	< 0.1	< 0.1	-	-	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
Meta- & Para-Xylene	0.5	--	--	--	--	--	-	-	< 0.2	-	-	< 0.2	-	< 0.2	< 0.2	-	-	-	-	-	< 0.2	-	-	-	-	-	-	< 0.2	-
Styrene	0.5	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Ortho-Xylene	0.5	--	--	--	--	--	-	-	< 0.1	-	-	< 0.1	-	< 0.1	< 0.1	-	-	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
Total MAH	0.0	7.0	--	70	--	240	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Total Petroleum Hydrocarbons (TPH)																											
(C6-C9)	10	100	--	650	--	2,600	-	-	< 20	-	-	< 20	-	< 20	< 20	-	-	-	-	-	< 20	-	-	-	-	-	-	< 20	-
(C10-C14)	50	--	--	--	--	--	-	-	< 20	-	-	< 20	-	27	< 20	-	-	-	-	-	< 20	-	-	-	-	-	-	< 20	-
(C15-C28)	100	--	--	--	--	--	-	-	< 50	-	-	< 50	-	76	< 50	-	-	-	-	-	< 50	-	-	-	-	-	-	< 50	-
(C29-C36)	100	--	--	--	--	--	-	-	< 50	-	-	< 50	-	88	< 50	-	-	-	-	-	< 50	-	-	-	-	-	-	< 50	-
(C10-C36)	50	1,000	--	10,000	--	40,000	-	-	< 50	-	-	< 50	-	191	< 50	-	-	-	-	-	< 50	-	-	-	-	-	-	< 50	-
Volatile Halogenated Compounds																											
Vinyl chloride	0.02	--	0.03	1.2	0.12	4.8	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
1,1-Dichloroethene	0.01	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Methylene chloride	0.4	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
trans-1,2-Dichloroethene	0.02	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
cis-1,2-Dichloroethene	0.01	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Chloroform	0.02	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
1,1,1-Trichloroethane	0.01	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Carbon Tetrachloride	0.01	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
1,2-Dichloroethane	0.02	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Trichloroethene	0.02	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
1,1,2-Trichloroethane	0.04	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Tetrachloroethene	0.02	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
1,1,1,2-Tetrachloroethane	0.01	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
1,1,2,2-Tetrachloroethane	0.02	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Hexachlorobutadiene	0.02	--	0.07	2.8	0.28	11	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Chlorobenzene	0.02	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
1,4-Dichlorobenzene	0.02	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
1,2-Dichlorobenzene	0.02	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
1,2,4-Trichlorobenzene	0.01	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Sum of volatile chlorinated hydrocarbons	0.01	1.0	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Sum of other chlorinated hydrocarbons (VIC EPA 44	0.01	--	--	10	--	50	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Total Xylenes	0.5	--	--	--	--	--	-	-	< 0.3	-	-	< 0.3	-	< 0.3	< 0.3	-	-	-	-	-	< 0.3	-	-	-	-	-	-	< 0.3	-
Phenolic Compounds (Halogenated)																											
2-Chlorophenol	0.03	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
2,4-Dichlorophenol	0.03	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
2,6-Dichlorophenol	0.03	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
4-Chloro-3-Methylphenol	0.03	--	--	--	--	--	-	-	< 1.0	-	-	< 1.0	-	< 1.0	< 1.0	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-
2,4,5-Trichlorophenol	0.05	--	--	--	--	--	-	-	< 1.0	-	-	< 1.0	-	< 1.0	< 1.0	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-
2,4,6-Trichlorophenol	0.05	--	--	--	--	--	-	-	< 1.0	-	-	< 1.0	-	< 1.0	< 1.0	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-
2,3,5,6-Tetrachlorophenol	0.03	--	--	--	--	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,5 & 2,3,4,6-Tetrachlorophenol	0.05	--	--	--	--	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.2	--	--	--	--	--	-	-	< 1.0	-	-	< 1.0	-	< 1.0	< 1.0	-	-	-	-	-	< 1.0	-	-	-	-	-	-	< 1.0	-
Sum of Phenols (halogenated)	0.03	1.0	2.0	10	8.0	320	-	-	< 1.0	-	-	< 1.0	-	< 1.0	< 1.0	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-
Phenolic Compounds (Non-halogenated)																											
Phenol	1.0	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	< 0.5	-	-	-	-	-	-	< 0.5	-
2-Methylphenol	1.0	--	--	--	--	--	-	-	< 0.2	-	-	< 0.2	-	< 0.2	< 0.2	-	-	-	-	-	< 0.2	-	-	-	-	-	-	< 0.2	-
3- & 4-Methylphenol	1.0	--	--	--	--	--	-	-	< 0.4	-	-	< 0.4	-	< 0.4	< 0.4	-	-	-	-	-	< 0.4	-	-	-	-	-	-	< 0.4	-
2-Nitrophenol	1.0	--	--	--	--	--	-	-	< 1.0	-	-	< 1.0	-	< 1.0	< 1.0	-	-	-	-	-	-	-	-	-	-	-	-	< 1.0	-
2,4-Dimethylphenol	1.0	--	--	--	--	--	-	-	< 0.5	-	-	< 0.5	-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
2,4-Dinitrophenol	5.0	--	--	--	--	--	-	-	< 5.0	-	-	< 5.0	-	< 5.0	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-
4-Nitrophenol	5.0	--	--	--	--	--	-	-	< 5.0	-	-	< 5.0	-	< 5.0	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-
2-Methyl-4,6-dinitrophenol	5.0	--	--	--	--	--	-	-	< 5.0	-	-	< 5.0	-	< 5.0	< 5.0	-	-	-	-	-	-	-	-	-	-	-	-	< 5.0	-
Dinoseb	5.0	--	--	--	--	--	-	-	< 20	-	-	< 20	-	< 20	< 20	-	-	-	-	-	-	-	-	-	-	-	-	< 20	-
2-Cyclohexyl-4,6-Dinitrophenol	5.0	--	--	--	--	--	-	-	< 20	-	-	< 20	-	< 20	< 20	-	-	-	-	-	-	-	-	-	-	-	-	< 20	-
Sum of Phenols (non-halogenated)	1.0	60	14	560	56	2,200	-	-	< 20	-	-	< 20	-	< 20	< 20	-	-	-	-	-	-	-	-	-	-	-	-	< 20	-
Polynuclear Aromatic Hydrocarbons																											
Naphthalene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

FILL MATERIAL

CATEGORY C CONTAMINATED SOIL

CATEGORY B CONTAMINATED SOIL

CATEGORY A CONTAMINATED SOIL

Table 14
Soil Categorisation
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Sample ID	BS01_0.1	BS06_0.1	BS10_0.1	FB01_0.1	FB02_0.1	FB03_0.1	FB04_0.1	FB05_0.1	MY01_0.1	MY02_0.1	MY03_0.1	MY04_0.1	MY05_0.1	PG01_0.1	PG02_0.1	PG03_0.1	PG04_0.1	PG05_0.1	PV01_0.1	PV03_0.1	PV05_0.1	PV07_0.7	PV10_0.1
Sample Date	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	09-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20	08-Apr-20

		FILL MATERIAL upper limits	CATEGORY C upper limits		CATEGORY B upper limits																				
	LOR	TCO (mg/kg)	ASLP1 (mg/L)	TC1 (mg/kg)	ASLP2 (mg/L)	TC2 (mg/kg)																			
Fluorene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b+j) & Benzo(k) fluoroanthene	0.5	--	--	--	--	--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.5	1.0	0.001	5.0	0.004	20	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1,2,3-cd)pyrene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a,h)anthracene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g,h,i)perylene	0.5	--	--	--	--	--	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Sum of polycyclic aromatic hydrocarbons	0.5	20	--	100	--	400	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Organochlorine Pesticides (OCPs)																									
alpha-BHC	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	< 0.05	--
Hexachlorobenzene (HCB)	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
beta-BHC	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	< 0.05	--
gamma-BHC	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	< 0.05	--
delta-BHC	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	< 0.05	--
Heptachlor	0.03	--	0.03	1.2	0.12	4.8	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
Aldrin	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
Heptachlor epoxide	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	< 0.05	--
Chlordane	0.03	--	0.1	4.0	0.4	16	-	-	< 0.1	-	-	< 0.1	--	< 0.1	< 0.1	-	-	-	-	-	< 0.1	-	-	-	-	< 0.1	--
Endosulfan 1	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
4,4`-DDE	0.05	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
Dieldrin	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
Endrin aldehyde	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	< 0.05	--
Endrin	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
Endosulfan 2	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
4,4`-DDD	0.05	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
Endosulfan sulfate	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
4,4`-DDT	0.05	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
Methoxychlor	0.03	--	--	--	--	--	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	< 0.05	-	-	-	-	< 0.05	--
Sum of organochlorine pesticides	0.03	--	--	--	--	--	-	-	< 0.1	-	-	< 0.1	--	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	< 0.1	--
Sum of Aldrin + Dieldrin	0.03	--	0.03	1.2	0.12	4.8	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	< 0.05	--
Sum of DDD + DDE + DDT	0.05	--	2.0	50	--	50	-	-	< 0.05	-	-	< 0.05	--	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	< 0.05	--
Sum of other organochlorine pesticides	0.03	--	--	10	--	50	-	-	< 0.1	-	-	< 0.1	--	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	< 0.1	--

Notes:
1. "--" Denotes no threshold value available
2. "-" Denotes Sample Not Analysed
3. "LOR" Denotes Laboratory Limit of Reporting
4. "ASLP" denotes leachable concentration obtained by the Australian Standard Leaching Procedure (acetate buffer) as specified in Australian Standards 4439.2 and 4439.3.
5. "TC" denotes total concentration
6. Soil containing polychlorinated biphenyls must be managed in accordance with the Notifiable Chemical Order for Polychlorinated Biphenyls, Industrial Waste Guidelines section 'Polychlorinated Biphenyls (PCBS) provides further information.
7. Leachability tests are required where total concentration results are more than 20 times the relevant Category C leachable concentration upper limit. Hatching denotes samples requiring ASLP leachability testing.

Table 15
Groundwater Analytical Data - Inorganics
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Anions and Cations													Alkalinity				Inorganics
			Sodium	Calcium	Magnesium	Potassium	Sulphate	Chloride	Total Phosphorus	Nitrite as N	Nitrate as N	Ammonia as N	Total Nitrogen as N	Total Kjeldahl Nitrogen as N	Nitrogen	Bicarbonate Alkalinity as CaCO3	Carbonate Alkalinity as CaCO3	Hydroxide Alkalinity as CaCO3	Total Alkalinity as CaCO3	Total Dissolved Solids
LOR			0.5	0.5	0.5	0.5	5.0	1.0	0.01	0.02	0.02	0.01	0.05	0.2	0.2	20	10	20	20	10
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Water Dependent Ecosystems and species - 95% Freshwater			--	--	--	--	--	--	--	--	--	0.9	--	--	--	--	--	--	--	--
Drinking Water - Health (NHRMC 2016)			--	--	--	--	500	--	--	--	--	--	--	--	--	--	--	--	--	--
Stock Watering (ANZECC 2000)			--	--	--	--	1,000	--	--	--	400	--	--	--	--	--	--	--	--	2,500
Risks in Recreational Water X10 (NHMRC 2008)			--	--	--	--	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	SWL (mBTOC)																		
MW01	08-Apr-20	5.961	**106**	**52**	**20**	**7.5**	**140**	**130**	**0.01**	**0.06**	**0.17**	**0.06**	**0.23**	**0.5**	**0.73**	**150**	< 10	< 20	**150**	**550**
MW02	08-Apr-20	0.703	**350**	**180**	**170**	**14**	**27**	**110**	**0.02**	< 0.02	**0.05**	**0.42 ***	**0.6 ***	**0.4**	**0.46**	**1,800**	< 10	< 20	**2,600**	**2,200**
MW03	08-Apr-20	2.137	**190**	**62**	**72**	**4.1**	**29**	**400**	**0.01**	< 0.02	**0.36**	< 0.01	**0.38**	**0.4**	**0.78**	**360**	< 10	< 20	**760**	**1,100**
MW04	08-Apr-20	3.203	**250**	**100**	**140**	**7.3**	**39**	**120**	**0.01**	< 0.02	**0.13**	**0.03**	**0.14**	< 0.2	< 0.2	**1,100**	< 10	< 20	**1,500**	**1,600**
MS01	09-Apr-20	-	**360**	**230**	**200**	**15**	**26**	**58**	**0.02**	< 0.02	< 0.02	**0.19**	< 0.05	< 0.2	< 0.2	**2,300**	< 10	< 20	**2,300**	**1,700**

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
mg/L - Milligrams per litre
Bold indicates a detection above the laboratory limit of reporting
"*" denotes duplicate/triplicate sample result adopted for analytical use due to RPD >50%
RPD - Relative Percentage Difference

Criteria:
Water Quality Australia - Low Reliability Trigger Values (for toluene and ethylbenzene) for Freshwater (Water Quality Guidelines 2018).
National Health and Medical Research Council (NHMRC) - National Water Quality Management Strategy: Australian Drinking Water Guidelines (2016).
Australian and New Zealand Environment and Conservation Council (ANZECC) - Australian and New Zealand Guidelines for Freshwater and Stock Watering Quality, and Irrigation Trigger Value for long term use (LTV) (2000).
National Health and Medical Research Council (NHMRC) - Guidelines for Managing Risks in Recreational Water (multiplication factor of 10 applied) (2008).

Table 16
Groundwater Analytical Data - Metals
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Metals						
			Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Zinc
LOR			0.001	0.0002	0.001	0.001	0.001	0.001	0.005
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Water Dependent Ecosystems and species - 95% Freshwater			0.024	0.0002	--	0.0014	0.0034	0.011	0.008
Drinking Water - Health (NHRMC 2016)			0.01	0.002	--	2.0	0.01	0.02	--
Irrigation (LTV) (ANZECC 2000)			0.1	0.01	0.1	0.2	2.0	0.2	2.0
Stock Watering (ANZECC 2000)			0.5	0.01	1.0	1.0	0.1	1.0	20
Risks in Recreational Water X10 (NHMRC 2008)			0.1	0.02	--	20	0.1	0.2	--
Sample Name	Sample Date	SWL (mBTOC)							
MW01	08-Apr-20	5.961	**0.001**	< 0.0002	**0.01**	**0.012**	< 0.001	**0.013**	**0.06**
MW02	08-Apr-20	0.703	**0.001**	< 0.0002	< 0.001	**0.011 ***	< 0.001	**0.13**	**0.095**
MW03	08-Apr-20	2.137	< 0.001	< 0.0002	< 0.001	**0.013**	< 0.001	**0.12**	**0.13**
MW04	08-Apr-20	3.203	**0.002**	< 0.0002	< 0.001	**0.015**	< 0.001	**0.16**	**0.061**
MS01	09-Apr-20	-	< 0.001	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
mg/L - Milligrams per litre
Bold indicates a detection above the laboratory limit of reporting
"*" denotes duplicate/triplicate sample result adopted for analytical use due to RPD >50%
Highlighting indicates an exceedance of the corresponding criteria (highlighting corresponds to the guideline with the highest criteria value where analytical result exceeds more than one guideline)
RPD - Relative Percentage Difference

Criteria:
Water Quality Australia - Low Reliability Trigger Values (for toluene and ethylbenzene) for Freshwater (Water Quality Guidelines 2018).
National Health and Medical Research Council (NHMRC) - National Water Quality Management Strategy: Australian Drinking Water Guidelines (2016).
Australian and New Zealand Environment and Conservation Council (ANZECC) - Australian and New Zealand Guidelines for Freshwater and Stock Watering Quality, and Irrigation Trigger Value for long term use (LTV) (2000).
National Health and Medical Research Council (NHMRC) - Guidelines for Managing Risks in Recreational Water (multiplication factor of 10 applied) (2008).

Table 17
Groundwater Analytical Data - PAHs
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Polycyclic Aromatic Hydrocarbons																
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH
LOR			0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Water Dependent Ecosystems and species - 95% Freshwater			0.016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Drinking Water - Health (NHRMC 2016)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00001
Stock Watering (ANZECC 2000)			--	--	--	--	--	--	--	--	--	--	--	--	0.00001	--	--	--	--
Risks in Recreational Water X10 (NHMRC 2008)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0001
Sample Name	Sample Date	SWL (mBTOC)																	
MW01	08-Apr-20	5.961	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
MW02	08-Apr-20	0.703	< 0.00001	< 0.00001	< 0.00001	**0.00001**	**0.00002**	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	**0.00003**
MW03	08-Apr-20	2.137	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
MW04	08-Apr-20	3.203	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
mg/L - Milligrams per litre

Criteria:
Water Quality Australia - Low Reliability Trigger Values (for toluene and ethylbenzene) for Freshwater (Water Quality Guidelines 2018).
National Health and Medical Research Council (NHMRC) - National Water Quality Management Strategy: Australian Drinking Water Guidelines (2016).
Australian and New Zealand Environment and Conservation Council (ANZECC) - Australian and New Zealand Guidelines for Freshwater and Stock Watering Quality, and Irrigation Trigger Value for long term use (LTV) (2000).
National Health and Medical Research Council (NHMRC) - Guidelines for Managing Risks in Recreational Water (multiplication factor of 10 applied) (2008).

Table 18
Quality Control Sample Analysis - Inorganics
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Anions and Cations																Alkalinity				Inorganics
			Sodium	Calcium	Magnesium	Potassium	Sulphate	Chloride	Total Phosphorus	Nitrite as N	Nitrate as N	Nitrite + Nitrate as N	Ammonia as N	Total Nitrogen as N	Total Kjeldahl Nitrogen as N	Nitrogen	Total Cations	Total Anions	Ionic Balance	Bicarbonate Alkalinity as CaCO3	Carbonate Alkalinity as CaCO3	Hydroxide Alkalinity as CaCO3	Total Alkalinity as CaCO3	Total Dissolved Solids
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	meq/L	meq/L	%	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Name	Sample Date	Sample Type																						
RB_08042020	08-Apr-20	Rinsate	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	< 1.0	< 0.01	< 0.02	< 0.02	-	< 0.01	< 0.05	< 0.2	< 0.2	-	-	-	< 20	< 10	< 20	< 20	< 10
MW02_08042020	08-Apr-20	Primary	350	180	170	14	27	110	0.02	< 0.02	0.05	-	0.2	0.06	0.4	0.46	-	-	-	1,800	< 10	< 20	2,600	2,200
QC01_08042020	08-Apr-20	Duplicate	340	180	160	14	41	100	0.02	< 0.02	0.05	-	0.17	0.06	0.4	0.46	-	-	-	1,600	< 10	< 20	2,700	2,200
Relative Percentage Difference			3%	0%	6%	0%	41%	10%	0%	NC	0%	NC	16%	0%	0%	0%	NC	NC	NC	12%	NC	NC	4%	0%
MW02_08042020	08-Apr-20	Primary	350	180	170	14	27	110	0.02	< 0.02	0.05	-	0.2	0.06	0.4	0.46	-	-	-	1,800	< 10	< 20	2,600	2,200
QC02_08042020	08-Apr-20	Triplicate	351	192	190	19	< 1.0	42	< 0.01	< 0.01	0.05	0.05	0.42	0.6	0.5	-	41	45	4.17	2,170	< 1.0	< 1.0	2,170	2,190
Relative Percentage Difference			0%	6%	11%	30%	**186%**	**89%**	**67%**	NC	0%	NC	**71%**	**164%**	22%	NC	NC	NC	NC	19%	NC	NC	18%	0%

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
NC - Not calculated
mg/L - Milligrams per litre
RPD - Relative Percentage Difference

Table 19
Quality Control Sample Analysis - Metals
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Metals						
			Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Zinc
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Name	Sample Date	Sample Type							
RB_08042020	08-Apr-20	Rinsate	< 0.001	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005
MW02_08042020	08-Apr-20	Primary	0.001	< 0.0002	< 0.001	0.006	< 0.001	0.13	0.095
QC01_08042020	08-Apr-20	Duplicate	0.001	< 0.0002	< 0.001	0.011	< 0.001	0.14	0.1
Relative Percentage Difference			0%	NC	NC	**59%**	NC	7%	5%
MW02_08042020	08-Apr-20	Primary	0.001	< 0.0002	< 0.001	0.006	< 0.001	0.13	0.095
QC02_08042020	08-Apr-20	Triplicate	0.001	< 0.0001	0.001	0.006	< 0.001	0.143	0.089
Relative Percentage Difference			0%	NC	0%	0%	NC	10%	7%

Notes:
< - Less than laboratory limit of reporting
NC - Not calculated
mg/L - Milligrams per litre
RPD - Relative Percentage Difference

Table 20
Quality Control Sample Analysis - PAHs
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Polycyclic Aromatic Hydrocarbons												Polycyclic Aromatic Hydrocarbons				
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Name	Sample Date	Sample Type																	
RB_08042020	08-Apr-20	Rinsate	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MW02_08042020	08-Apr-20	Primary	< 0.00001	< 0.00001	< 0.00001	**0.00001**	**0.00002**	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	**0.00003**
QC01_08042020	08-Apr-20	Duplicate	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Relative Percentage Difference			NC	NC	NC	196%	192%	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	188%
MW02_08042020	08-Apr-20	Primary	< 0.00001	< 0.00001	< 0.00001	**0.00001**	**0.00002**	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	**0.00003**
QC02_08042020	08-Apr-20	Triplicate	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	-	< 0.001	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
Relative Percentage Difference			NC	NC	NC	196%	192%	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	177%

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
NC - Not calculated
µg/L - Micrograms per litre
mg/L - Milligrams per litre

Table 21
Quality Control Sample Analysis - BTEXN, TRH
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			BTEXN							Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons	
			Benzene	Toluene	Ethylbenzene	meta- & para-Xylene	ortho-Xylene	Total Xylenes	Naphthalene	C_6 - C_9	C_6 - C_{10}	C_6 - C_{10} minus BTEX (F1)
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Name	Sample Date	Sample Type										
TB_08042020	08-Apr-20	Trip Blank	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001	< 0.003	< 0.01	< 0.02	< 0.02	< 0.02

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
NC - Not calculated
mg/L - Milligrams per litre
BTEXN - Benzene, toluene, ethylbenzene, total xylenes, naphthalene

Table 22
Surface Water Analytical Data - Inorganics
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Anions and Cations													Alkalinity				Inorganics	
			Sodium	Calcium	Magnesium	Potassium	Sulphate	Chloride	Total Phosphorus	Nitrite as N	Nitrate as N	Ammonia as N	Total Nitrogen as N	Total Kjeldahl Nitrogen as N	Nitrogen	Bicarbonate Alkalinity as CaCO3	Carbonate Alkalinity as CaCO3	Hydroxide Alkalinity as CaCO3	Total Alkalinity as CaCO3	Total Dissolved Solids	Total Suspended Solids
LOR			0.5	0.5	0.5	0.5	5.0	1.0	0.01	0.02	0.02	0.01	0.05	0.2	0.2	20	10	20	20	10	1.0
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Water Dependent Ecosystems and species - 95% Freshwater			--	--	--	--	--	--	--	--	--	0.9	--	--	--	--	--	--	--	--	--
Drinking Water - Health (NHRMC 2016)			--	--	--	--	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Stock Watering (ANZECC 2000)			--	--	--	--	1,000	--	--	--	400	--	--	--	--	--	--	--	--	2,500	--
Risks in Recreational Water X10 (NHMRC 2008)			--	--	--	--	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sample Name	Sample Date	SWL (mBTOC)																			
DAM	09-Apr-20	-	**13**	**7.6**	**6.5**	**0.6**	< 5.0	**17**	**0.02**	< 0.02	< 0.02	**0.08**	< 0.05	**0.3**	**0.3**	**81**	< 10	< 20	**81**	**230**	-
SW01	09-Apr-20	-	**14**	**3.9**	**3.8**	**1.2**	< 5.0	**20**	**0.01**	< 0.02	< 0.02	**0.01**	< 0.05	**1.3**	**1.3**	**51**	< 10	< 20	**51**	**200**	**12**
SW02	09-Apr-20	-	**14**	**4.0**	**3.8**	**1.2**	< 5.0	**55**	**0.02**	< 0.02	< 0.02	< 0.01	< 0.05	**0.3**	**0.3**	**54**	< 10	< 20	**54**	**150**	**15**

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
LOR - Laboratory limit of reporting
mg/L - Milligrams per litre
Bold indicates a detection above the laboratory limit of reporting

Criteria:
Water Quality Australia - Low Reliability Trigger Values (for toluene and ethylbenzene) for Freshwater (Water Quality Guidelines 2018).
National Health and Medical Research Council (NHMRC) - National Water Quality Management Strategy: Australian Drinking Water Guidelines (2016).
Australian and New Zealand Environment and Conservation Council (ANZECC) - Australian and New Zealand Guidelines for Freshwater and Stock Watering Quality, and Irrigation Trigger Value for long term use (LTV) (2000).
National Health and Medical Research Council (NHMRC) - Guidelines for Managing Risks in Recreational Water (multiplication factor of 10 applied) (2008).

Table 23
Surface Water Analytical Data - Metals
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Metals						
			Arsenic	Cadmium	Chromium	Copper	Lead	Nickel	Zinc
LOR			0.001	0.0002	0.001	0.001	0.001	0.001	0.005
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Water Dependent Ecosystems and species - 95% Freshwater			0.024	0.0002	--	0.0014	0.0034	0.011	0.008
Drinking Water - Health (NHRMC 2016)			0.01	0.002	--	2.0	0.01	0.02	--
Irrigation (LTV) (ANZECC 2000)			0.1	0.01	0.1	0.2	2.0	0.2	2.0
Stock Watering (ANZECC 2000)			0.5	0.01	1.0	1.0	0.1	1.0	20
Risks in Recreational Water X10 (NHMRC 2008)			0.1	0.02	--	20	0.1	0.2	--
Sample Name	Sample Date	SWL (mBTOC)							
DAM	09-Apr-20	-	< 0.001	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005
SW01	09-Apr-20	-	< 0.001	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005
SW02	09-Apr-20	-	< 0.001	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
mg/L - Milligrams per litre

Criteria:
Water Quality Australia - Low Reliability Trigger Values (for toluene and ethylbenzene) for Freshwater (Water Quality Guidelines 2018).
National Health and Medical Research Council (NHMRC) - National Water Quality Management Strategy: Australian Drinking Water Guidelines (2016).
Australian and New Zealand Environment and Conservation Council (ANZECC) - Australian and New Zealand Guidelines for Freshwater and Stock Watering Quality, and Irrigation Trigger Value for long term use (LTV) (2000).
National Health and Medical Research Council (NHMRC) - Guidelines for Managing Risks in Recreational Water (multiplication factor of 10 applied) (2008).

Table 24
Surface Water Analytical Data - PAHs
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			Polycyclic Aromatic Hydrocarbons																
			Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Chrysene	Benzo[a]anthracene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	Total PAH
LOR			0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Water Dependent Ecosystems and species - 95% Freshwater			0.016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Drinking Water - Health (NHRMC 2016)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00001
Stock Watering (ANZECC 2000)			--	--	--	--	--	--	--	--	--	--	--	--	0.00001	--	--	--	--
Risks in Recreational Water X10 (NHMRC 2008)			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0001
Sample Name	Sample Date	SWL (mBTOC)																	
SW01	09-Apr-20	-	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
SW02	09-Apr-20	-	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
mg/L - Milligrams per litre

Criteria:
Water Quality Australia - Low Reliability Trigger Values (for toluene and ethylbenzene) for Freshwater (Water Quality Guidelines 2018).
National Health and Medical Research Council (NHMRC) - National Water Quality Management Strategy: Australian Drinking Water Guidelines (2016).
Australian and New Zealand Environment and Conservation Council (ANZECC) - Australian and New Zealand Guidelines for Freshwater and Stock Watering Quality, and Irrigation Trigger Value for long term use (LTV) (2000).
National Health and Medical Research Council (NHMRC) - Guidelines for Managing Risks in Recreational Water (multiplication factor of 10 applied) (2008).

Table 25
Quality Control Sample Analysis - BTEXN, TRH
Glenlyon Recreation Reserve
Suttons Lane
Glenlyon, Victoria

Analyte			BTEXN							Total Petroleum Hydrocarbons	Total Recoverable Hydrocarbons	
			Benzene	Toluene	Ethylbenzene	meta- & para-Xylene	ortho-Xylene	Total Xylenes	Naphthalene	C_6 - C_9	C_6 - C_{10}	C_6 - C_{10} minus BTEX (F1)
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Name	Sample Date	Sample Type										
QC30_09042020	09-Apr-20	Trip Blank	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001	< 0.003	< 0.01	< 0.02	< 0.02	< 0.02

Notes:
- - Not analysed
< - Less than laboratory limit of reporting
NC - Not calculated
mg/L - Milligrams per litre
BTEXN - Benzene, toluene, ethylbenzene, total xylenes, naphthalene