

Thuroona Services  
34 Cocos Drive  
Bibra Lake  
WA 6163



NATA Accredited  
Accreditation Number 2377  
Site Number 2370

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Arrangement for the mutual recognition of the  
equivalence of testing, medical testing, calibration,  
inspection, proficiency testing scheme providers and  
reference materials producers reports and certificates.

Attention: **Samuel Jackson**  
  
Report: **862673-S-V3**  
Project name: **Bridgetown Bushfire Site Investigation**  
Project ID: **Warner Street**  
Received Date: **Feb 11, 2022**

Client Sample ID			Warner 0m Soil	Warner 10m Soil	Warner 20m Soil	Warner 30m Soil
Sample Matrix			L22-Fe22168	L22-Fe22169	L22-Fe22170	L22-Fe22171
Eurofins Sample No.			Feb 11, 2022	Feb 11, 2022	Feb 11, 2022	Feb 11, 2022
Date Sampled						
Test/Reference	LOR	Unit				
Arsenic	5	mg/kg	< 5	< 5	< 5	< 5
Chromium	1	mg/kg	57	44	32	30
Copper	1	mg/kg	12	13	9.5	12
Lead	1	mg/kg	5.7	6.4	2.7	6.8

Client Sample ID			Warner 40m Soil	Warner 50m Soil	Warner 60m Soil	Warner 70m Soil
Sample Matrix			L22-Fe22172	L22-Fe22173	L22-Fe22174	L22-Fe22175
Eurofins Sample No.			Feb 11, 2022	Feb 11, 2022	Feb 11, 2022	Feb 11, 2022
Date Sampled						
Test/Reference	LOR	Unit				
Arsenic	5	mg/kg	< 5	< 5	< 5	< 5
Chromium	1	mg/kg	72	65	66	120
Copper	1	mg/kg	16	18	18	17
Lead	1	mg/kg	7.5	8.0	8.1	7.2

Client Sample ID			Warner 80m Soil	Warner 90m Soil	Warner 100m Soil	Warner 110 Soil
Sample Matrix			L22-Fe22176	L22-Fe22177	L22-Fe22178	L22-Fe22179
Eurofins Sample No.			Feb 11, 2022	Feb 11, 2022	Feb 11, 2022	Feb 11, 2022
Date Sampled						
Test/Reference	LOR	Unit				
Arsenic	5	mg/kg	< 5	< 5	< 5	< 5
Chromium	1	mg/kg	39	91	150	220
Copper	1	mg/kg	16	16	21	30
Lead	1	mg/kg	4.2	9.0	9.3	11

Client Sample ID			Warner 120m Soil	Warner 130m Soil	Warner 140m Soil	Warner 150m Soil
Sample Matrix			L22-Fe22180	L22-Fe22181	L22-Fe22182	L22-Fe22183
Eurofins Sample No.			Feb 11, 2022	Feb 11, 2022	Feb 11, 2022	Feb 11, 2022
Date Sampled						
Test/Reference	LOR	Unit				
Arsenic	5	mg/kg	< 5	< 5	< 5	< 5
Chromium	1	mg/kg	130	170	120	61
Copper	1	mg/kg	19	18	26	19
Lead	1	mg/kg	14	10	13	9.2

Client Sample ID			Warner 160m Soil	Warner 170m Soil	Warner 180m Soil	Warner 190m Soil
Sample Matrix			L22-Fe22184	L22-Fe22185	L22-Fe22186	L22-Fe22187
Eurofins Sample No.			Feb 11, 2022	Feb 11, 2022	Feb 11, 2022	Feb 11, 2022
Date Sampled						
Test/Reference	LOR	Unit				
Arsenic	5	mg/kg	< 5	< 5	< 5	< 5
Chromium	1	mg/kg	83	80	100	55
Copper	1	mg/kg	23	23	21	26
Lead	1	mg/kg	11	11	11	9.5

Client Sample ID			Warner 200m Soil	Warner 220m Soil	Warner 240m Soil	Warner 260m Soil
Sample Matrix			L22-Fe22188	L22-Fe22189	L22-Fe22190	L22-Fe22191
Eurofins Sample No.			Feb 11, 2022	Feb 11, 2022	Feb 11, 2022	Feb 11, 2022
Date Sampled						
Test/Reference	LOR	Unit				
Arsenic	5	mg/kg	< 5	< 5	< 5	< 5
Chromium	1	mg/kg	83	130	98	140
Copper	1	mg/kg	20	27	29	24
Lead	1	mg/kg	9.2	18	11	9.8

Client Sample ID			Warner 280m Soil	30 Warner Front of Property Soil	28 Warner under drain Background Soil	28 Warner adj drain Soil
Sample Matrix			L22-Fe22192	L22-Fe22193	L22-Fe22194	L22-Fe22195
Eurofins Sample No.			Feb 11, 2022	Feb 11, 2022	Feb 11, 2022	Feb 11, 2022
Date Sampled						
Test/Reference	LOR	Unit				
Arsenic	5	mg/kg	< 5			
Chromium	1	mg/kg	190			
Copper	1	mg/kg	22			
Lead	1	mg/kg	10			
Chromium (VI)	1	mg/kg	-			

Client Sample ID			24 Warner Front of Property	26 Warner Rear of property under log Background	26 Warner front of property
Sample Matrix			Soil	Soil	Soil
Eurofins Sample No.			L22-Fe22196	L22-Fe22197	L22-Fe22198
Date Sampled			Feb 11, 2022	Feb 11, 2022	Feb 11, 2022
Test/Reference	LOR	Unit			
Arsenic	5	mg/kg			
Chromium	1	mg/kg			
Copper	1	mg/kg			
Lead	1	mg/kg			
Chromium (VI)	1	mg/kg			

**Sample History**

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Arsenic - Method: ARL401/403 - Metals in Soil and Sediment by ICPOES/MS	Welshpool	Feb 11, 2022	180 Days
Chromium - Method: ARL401/403 - Metals in Soil and Sediment by ICPOES/MS	Welshpool	Feb 11, 2022	180 Days
Copper - Method: ARL401/403 - Metals in Soil and Sediment by ICPOES/MS	Welshpool	Feb 11, 2022	180 Days
Lead - Method: ARL401/403 - Metals in Soil and Sediment by ICPOES/MS	Welshpool	Feb 11, 2022	180 Days
Chromium (VI) - Method: ARL051 - Hexavalent Chromium in Soil	Welshpool	Feb 13, 2022	28 Days

**Comments**

V2 - Sample ID's have been amended for Fe22196, Fe22197, Fe22198.

**Sample Integrity**

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	No
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	N/A
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

**Authorised by:**

Douglas Todd	Analytical Services Manager
Douglas Todd	Senior Analyst-Metal (WA)
Sam Becker	Senior Analyst-Inorganic (WA)



**Kim Rodgers**  
**Business Unit Manager**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested
  - \* Indicates NATA accreditation does not cover the performance of this service
- Measurement uncertainty of test data is available on request

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