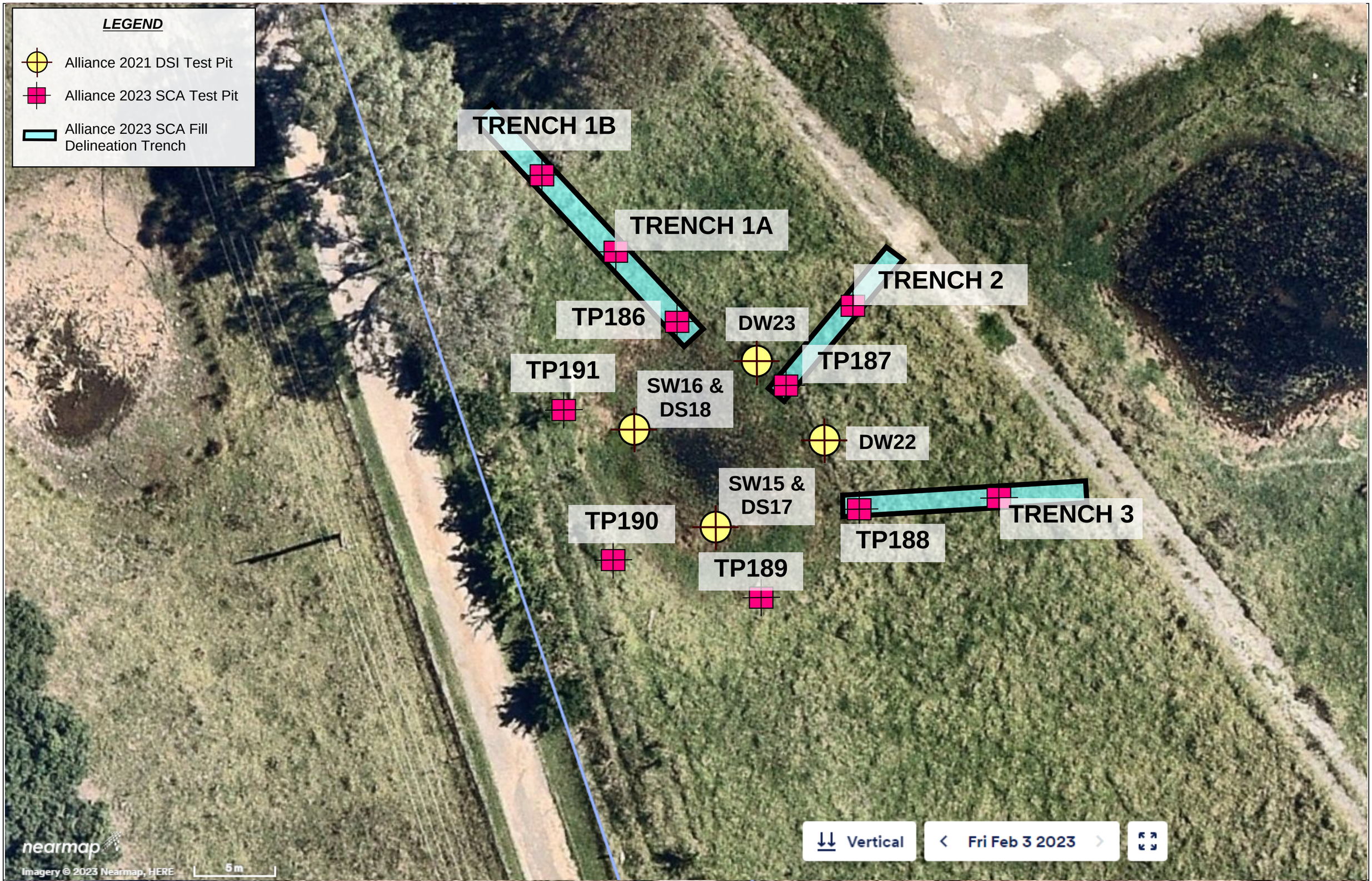


Scale: 5 m

Sampling Plan Lot 11 (DSI & SCA)

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	3I
Project Name:	Remedial Action Plan	Figure Date:	2/05/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



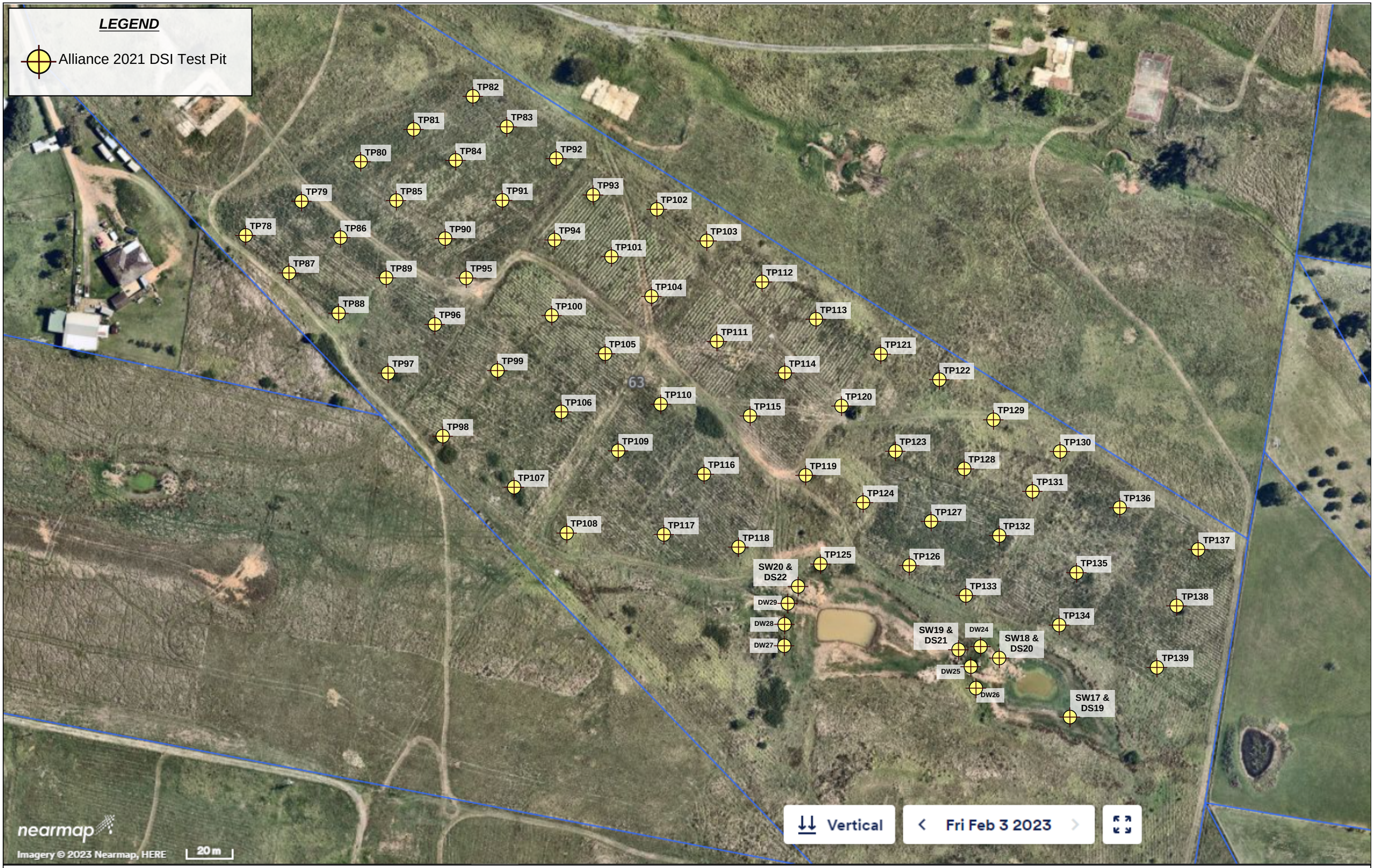
Scale: 10 m

Sampling Plan Lot 11 (SCA & DSI)

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	3J
Project Name:	Remedial Action Plan	Figure Date:	2/05/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



Scale: 10 m

Sampling Plan Lot 11 (DSI)

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	3K
Project Name:	Remedial Action Plan	Figure Date:	2/05/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



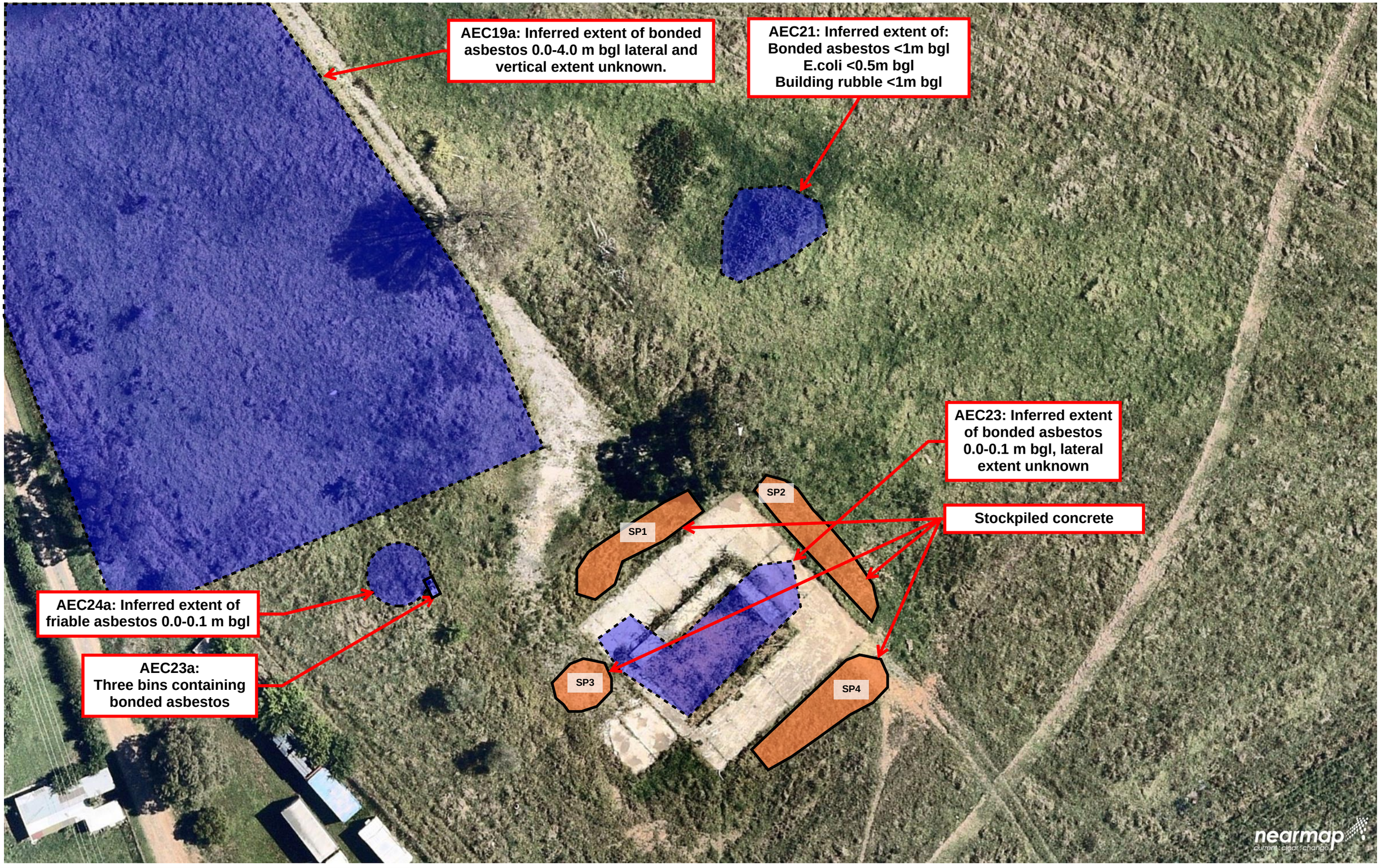
Scale: 10 m

Inferred Extent of Contamination/Remediation

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	4A
Project Name:	Remedial Action Plan	Figure Date:	03/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



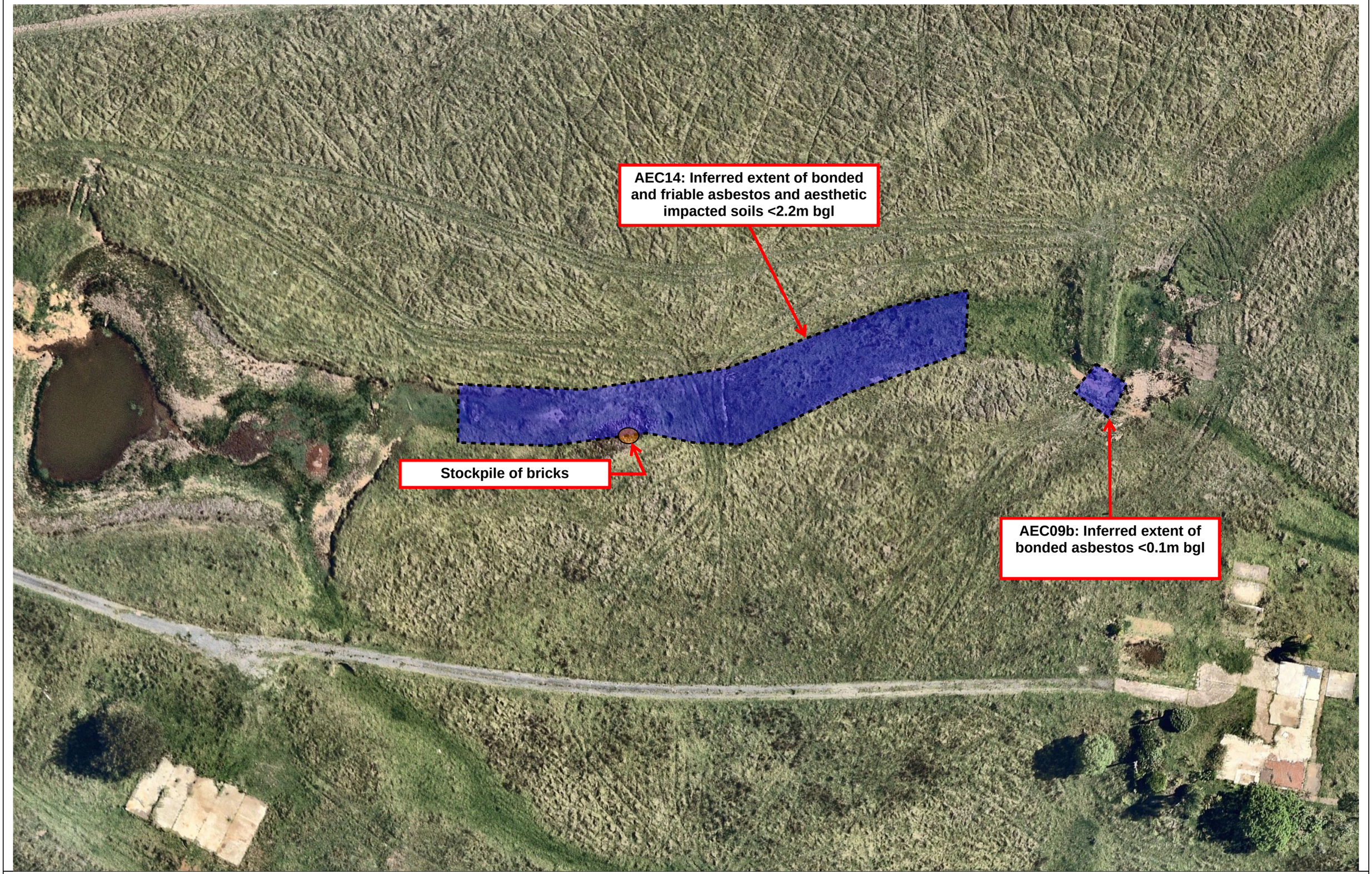
Scale: 10 m

Inferred Extent of Contamination/Remediation

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	4B
Project Name:	Remedial Action Plan	Figure Date:	03/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



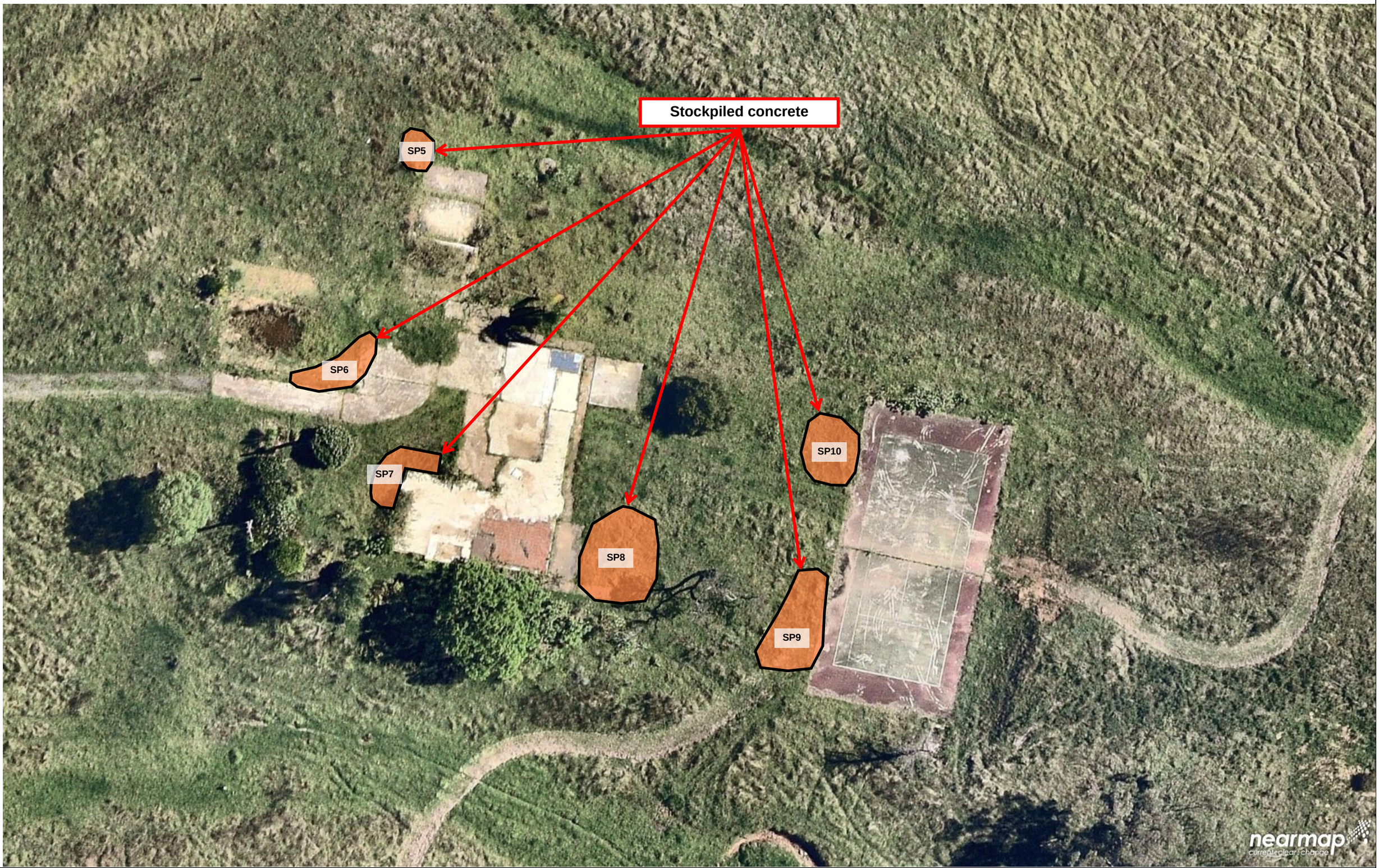
Scale: 20 m

Inferred Extent of Contamination/Remediation

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	4C
Project Name:	Remedial Action Plan	Figure Date:	03/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



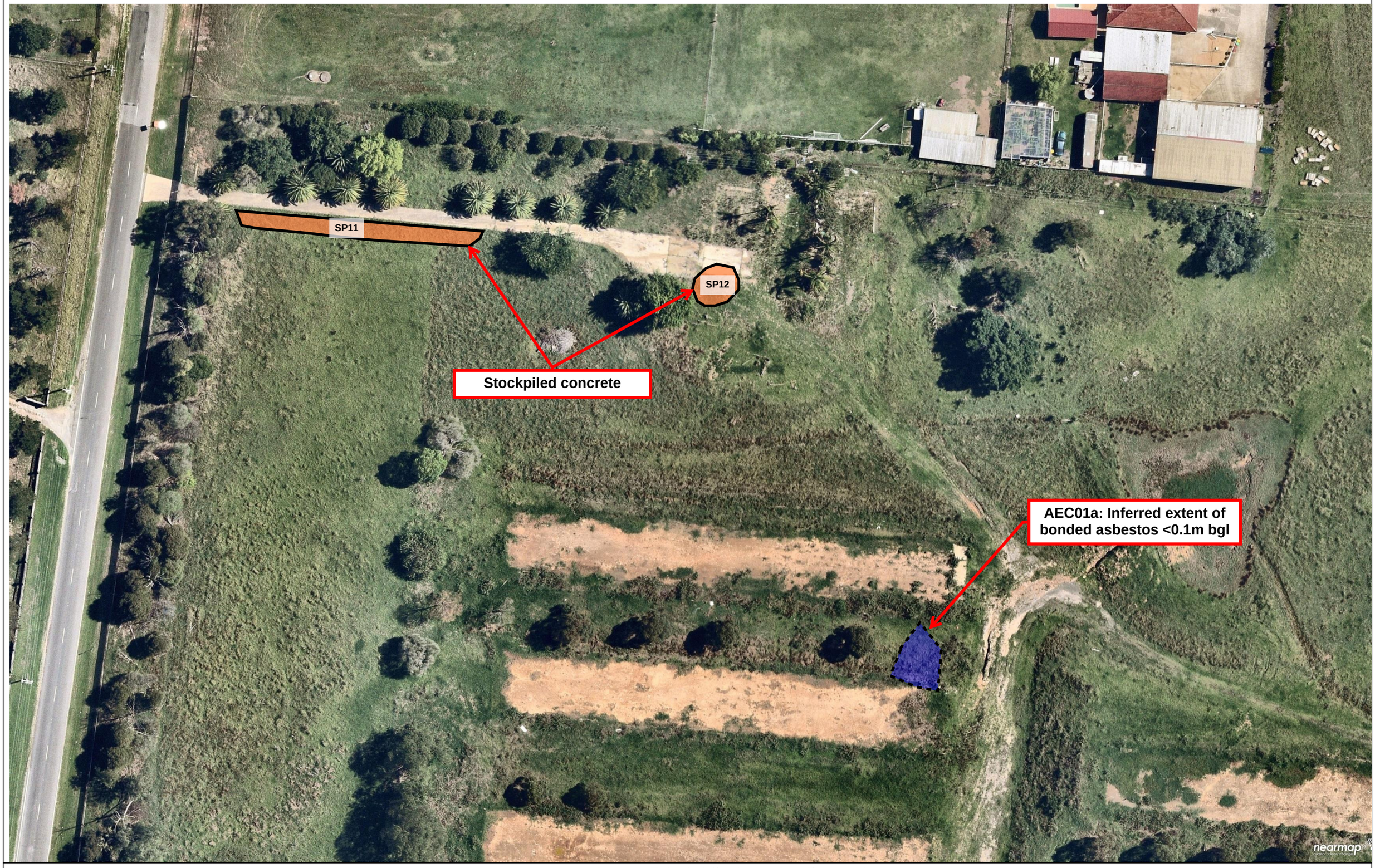
Scale: 10 m

Inferred Extent of Contamination/Remediation

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	4D
Project Name:	Remedial Action Plan	Figure Date:	03/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



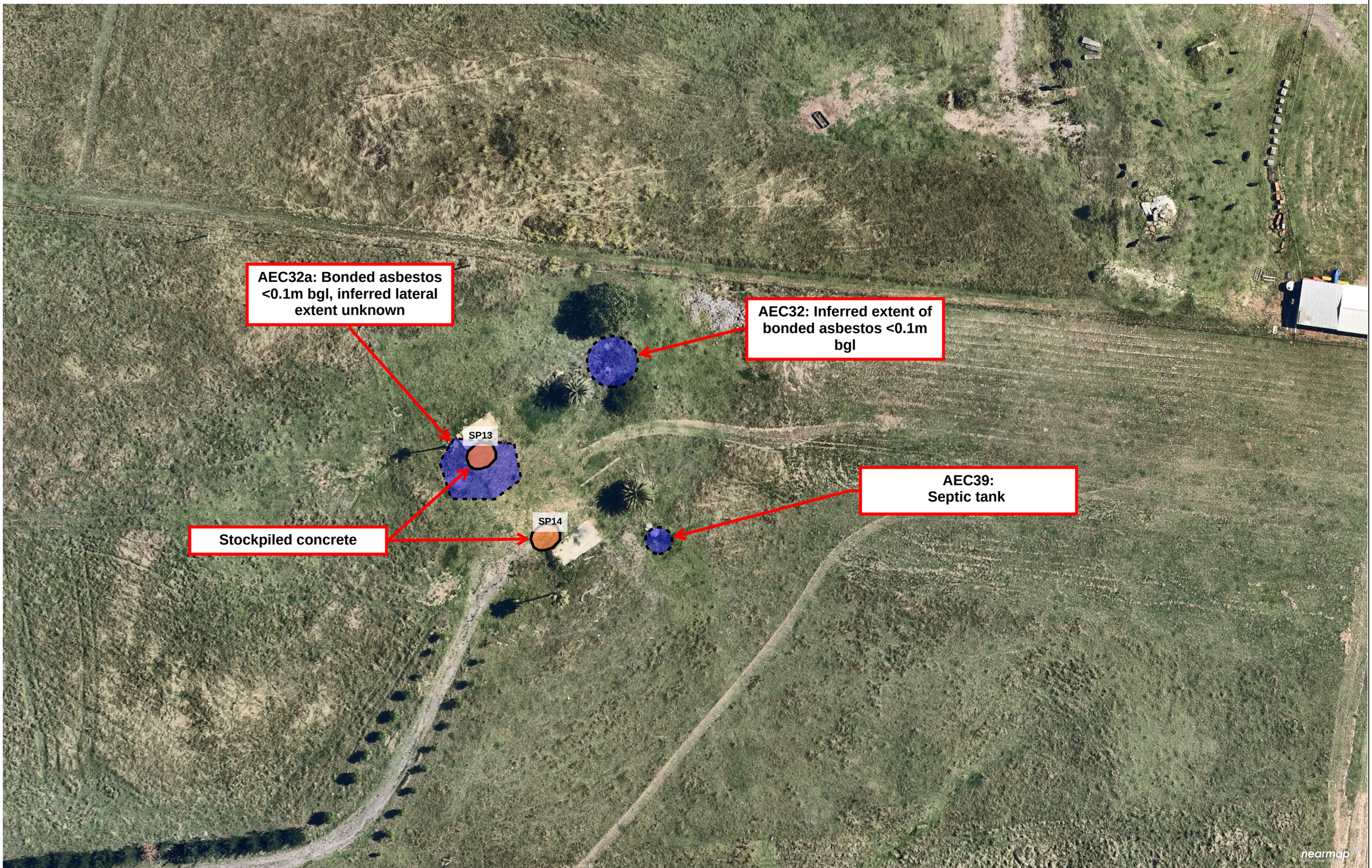
Scale: 20 m

Inferred Extent of Contamination/Remediation

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	4E
Project Name:	Remedial Action Plan	Figure Date:	03/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



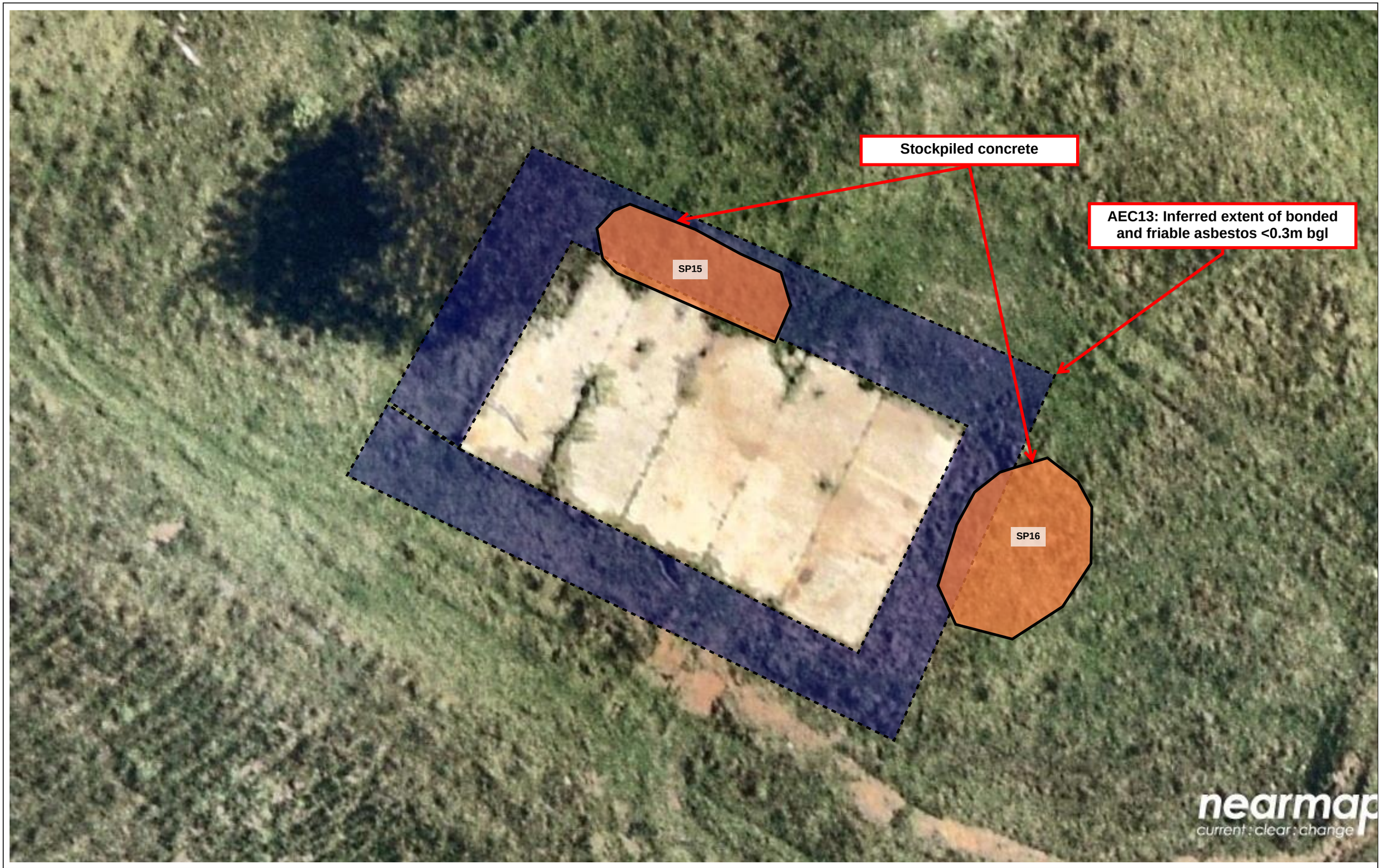
Scale: 20 m

Inferred Extent of Contamination/Remediation

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	4F
Project Name:	Remedial Action Plan	Figure Date:	03/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



Scale: 5 m

Inferred Extent of Contamination/Remediation

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	4G
Project Name:	Remedial Action Plan	Figure Date:	03/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



Scale: 10 m

SCA Proposed Sampling Plan AEC19A, AEC22, & AEC23

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	5A
Project Name:	Remedial Action Plan	Figure Date:	24/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



Scale: 10 m

SCA Proposed Sampling Plan AEC15

alliance

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	5B
Project Name:	Remedial Action Plan	Figure Date:	24/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

N



Scale: 10 m

SCA Proposed Sampling Plan AEC32A

Client Name:	ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No. 1	Figure Number:	5C
Project Name:	Remedial Action Plan	Figure Date:	24/04/23
Project Location:	290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW	Report Number:	13546-ER-2-2

alliance

N

APPENDIX A – Previous Contamination Assessment Logs and Field Records

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T: 1800 288 188
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Test Pit No: TP01
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:** JW

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly sandy CLAY, brown, low plasticity, soft moist	0-0.02(PID:2.4ppm)	M		No potential asbestos containing materials, no odours or staining
			0.5			Clayey SHALE with gravels and cobbles, dark grey, well graded, fine to course grained, sub-angular, slightly moist	.4-0.6(PID:4.0ppm)	M		No potential asbestos containing materials, no odours or staining
			1.0							

Test Pit TP01 terminated at 1m

1. NON CORED BOREHOLE ENVIROLOGS.GPJ GINT STD AUSTRALIA.GDT 11/23/21

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Test Pit No: TP02
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY with minor gravels, brown, medium to high plasticity moist	.0-0.2(PID:2.2ppm)	M		No potential asbestos containing material, no odours or staining
			0.5			Test Pit TP02 terminated at 0.4m				
			1.0							
			1.5							
			2.0							

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Test Pit No: TP03
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly sand with cobbles, light brown, well graded, fine to course grained,sub angular, moist	.0-0.2(PID:2.6ppm)	M		No potential asbestos containing material, no odours or staining
			0.5			Silty CLAY with fine gravels, dark brown, low plasticity, slightly moist	.4-0.6(PID:4.5ppm)	M		No potential asbestos containing material, no odours or staining
			1.0			Test Pit TP03 terminated at 0.6m				
			1.5							
			2.0							

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Test Pit No: TP04
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Clayey SHALE with gravels and cobbles, dark grey, well graded, fine to course grained, sub-angular, slightly moist	0.0-0.1(PID:0.2ppm)	SM		No potential asbestos containing material, no odours or staining
			0.5			Test Pit TP04 terminated at 0.1m				
			1.0							
			1.5							
			2.0							

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Test Pit No: TP05
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY, dark brown/orange,high plasticity, mosit	0.0-0.1(PID:1.8ppm)	M		No potential asbestos containing material, no odours or staining
			0.5			Test Pit TP05 terminated at 0.1m				
			1.0							
			1.5							
			2.0							

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Test Pit No: TP06
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly silty SAND with cobbles, brown, well graded, fine to course grained,sub-angular, moist	.0-0.2(PID:0.1ppm)	M		No potential asbestos containing material, no odours or staining
			0.5			Gravelly sandy CLAY, light brown, medium plasticity, moist		M		No potential asbestos containing material, no odours or staining
			1.0				.8-1.0(PID:0.4ppm)			
						Silty CLAY with fine gravels, dark brown, high plasticity, moist	.0-1.2(PID:0.2ppm)	M		No potential asbestos containing material, no odours or staining
						CLAY, orange/red, high plasticty, moist	.2-1.4(PID:0.2ppm)	M		No potential asbestos containing material, no odours or staining
			1.5			Test Pit TP06 terminated at 1.5m				
			2.0							

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Test Pit No: TP07
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly silty SAND with cobbles, brown, well graded, fine to course grained,sub-angular, moist	.0-0.2(PID:0.2ppm)	M		No potential asbestos containing material, no odours or staining
			0.5			CLAY, light orange with grey mottling, low to medium plasticity, moist	.5-0.7(PID:0.3ppm)	M		No potential asbestos containing material, no odours or staining
						Test Pit TP07 terminated at 0.7m				
			1.0							
			1.5							
			2.0							

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Test Pit No: TP08
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly silty SAND with cobbles, brown, well graded, fine to course grained,sub-angular, moist	.0-0.2(PID:0.6ppm)	M		No potential asbestos containing materials, no odours or staining
			0.5			CLAY, light brown with orange mottling, high plasticity	.4-0.6(PID:0.2ppm)	M		No potential asbestos containing materials, no odours or staining
						Test Pit TP08 terminated at 0.6m				
			1.0							
			1.5							
			2.0							

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Test Pit No: TP09
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly silty SAND with cobbles, brown, well graded, fine to course grained,sub-angular, moist	0.0-0.2, 0.0-0.2ASB (PID:0.4ppm)	M		No potential asbestos containing materials, no odours or staining
			0.5			CLAY, light brown with orange mottling, high plasticity	0.4-0.6(PID:0.2ppm)	M		No potential asbestos containing materials, no odours or staining
						Test Pit TP09 terminated at 0.6m				
			1.0							
			1.5							
			2.0							

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Test Pit No: TP10
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly sand with cobbles, brown, well graded, fine to course grained,sub angular, moist	.0-0.2(PID:0.1ppm)	SM		No potential asbestos containing materials, no odours or staining
						CLAY, light brown, high plasticity, moist	.3-0.4(PID:0.6ppm)	M		No potential asbestos containing materials, no odours or staining
			0.5			Test Pit TP10 terminated at 0.4m				
			1.0							
			1.5							
			2.0							

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Test Pit No: TP11
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Shaley CLAY, brown, low plasticity, slightly moist	0.0-0.1(PID:0.2ppm)	SM		No potential asbestos containing materials, no odours or staining
			0.5			Test Pit TP11 terminated at 0.1m				
			1.0							
			1.5							
			2.0							

1. NON CORED BOREHOLE ENVIROLOGS.GPJ GINT STD AUSTRALIA.GDT 11/23/21

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Test Pit No: TP12
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Shaley CLAY, brown, low plasticity, slightly moist	0.0-0.1(PID:0.2ppm)	SM		No potential asbestos containing materials, no odours or staining
			0.5			Test Pit TP12 terminated at 0.1m				
			1.0							
			1.5							
			2.0							

1. NON CORED BOREHOLE ENVIROLOGS.GPJ GINT STD AUSTRALIA.GDT 11/23/21

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TP No: TP13
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Sandy CLAY: brown.	ES ES	M	St	FILL
			0.5		-	CLAY: red brown.	ES	M	VSt	-
			1.0			NATURAL Test Pit TP13 terminated at 1m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

1. NON CORED BOREHOLE 13546.GPJ GINT STD AUSTRALIA.GDT 30/11/21

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Test Pit No: TP14
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly silty SAND, brown,well graded,fine to course grained, sub-angular, slightly moist	.0-0.2(PID:0.2ppm)	SM		No potential asbestos containing materials, no odours or staining
			0.5			CLAY, light brown with orange mottling, high plasticty, moist	.5-0.7(PID:0.3ppm)	M		No potential asbestos containing materials, no odours or staining
			1.0			Test Pit TP14 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP15
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Sandy GRAVEL, dark grey to black,well graded, fine to course grained, sub angular, slightly moist	.0-0.2(PID:0.7ppm)	SM		No potential asbestos containing materials, no odours or staining
						CLAY, light brown with orange mottling, high plasticity, moist	.2-0.4(PID:0.7ppm)	M		No potential asbestos containing materials, no odours or staining
			0.5							
			1.0			Test Pit TP15 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP16
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly silty SAND, brown, well graded, fine to course grained, sub angular, slightly moist				No potential asbestos containing materials, no odours or staining
			0.5			CLAY, light brown with orange mottling, high plasticity, moist				No potential asbestos containing materials, no odours or staining
			1.0			Test Pit TP16 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP17
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly SAND, brown, well graded, fine to course grained, sub angular, slightly moist	.0-0.2(PID:0.7ppm)	SM		No potential asbestos containing material, no odours or staining
			0.5			CLAY, light brown/orange with grey mottling, high plasticity, moist	.3-0.5(PID:0.6ppm)	M		No potential asbestos containing material, no odours or staining
			1.0			Test Pit TP17 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP18
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Silty SAND with minor gravels, light brown, well graded, fine to course grained, sub angular, slightly moist	0.0-0.2, 0.0-0.2ASB (PID0.4ppm)	SM		No potential asbestos containing material, no odours or staining
			1.0			CLAY with fine gravels, brown/orange, high plasticity	.5-0.7(PID:0.7ppm)	M		No potential asbestos containing material, no odours or staining
			1.5			Test Pit TP18 terminated at 1m				
			2.0							

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Test Pit No: TP19
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 7/10/2021
Finished: 7/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Clayey gravelly SHALE, brown with orange mottling, well graded, fine to course grained, sub angular	0.0-0.1(PID:2.0ppm)	SM		No potential asbestos containing material, no odours or staining
			0.5							
			1.0			Test Pit TP19 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP20
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 7/10/2021
Finished: 7/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty SAND with fine mulch, brown, well graded, fine to course grained, sub angular, dry	0.0-0.1(PID:0.9ppm)	D		No potential asbestos containing material, no odours or staining
			0.5							
			1.0			Test Pit TP20 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP21
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 6/10/2021
Finished: 6/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Sandy CLAY, brown, low plasticity, slightly moist	.0-0.2(PID:1.0ppm)	SM		No potential asbestos containing material, no odours or staining
			1.0				.0-1.2(PID:2.0ppm)			
			1.5			CLAY, light brown with orange mottling, high plasticity, moist	.3-1.5(PID:1.3ppm)	M		No potential asbestos containing material, no odours or staining
			2.0			Test Pit TP21 terminated at 1m				

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Test Pit No: TP22
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Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 7/10/2021
Finished: 7/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY with gravels, brown, low to medium plasticity, moist	0.0-0.1, 0.0-0.1ASB (PID:1.6ppm)	M		No potential asbestos containing material, no odours or staining
			0.5			Gravelly CLAY, light brown with orange mottling, high plasticity mosit		M		No potential asbestos containing material, no odours or staining
			1.0				.0-1.2(PID:3.0ppm)			
						CLAY with minor gravels, dark brown, high plasticity moist		M		No potential asbestos containing material, no odours or staining
			1.5							
							.8-2.0(PID:1.5ppm)			
			2.0							

Test Pit TP22 terminated at 1m

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Test Pit No: TP23
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 7/10/2021
Finished: 7/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly silty CLAY, light brown, low plasticity, slightly moist	0.0-0.1, BD2, BT2 (PID:1.6ppm)	SM		No potential asbestos containing material, no odours or staining
			0.5			CLAY with minor gravels, dark brown, high plasticity moist		M		No potential asbestos containing material, no odours or staining
			1.0				1.0-1.2 (PID:1.4ppm)			
			1.5			CLAY, light brown with orange mottling,high plasticity	.5-1.7(PID:7.1ppm)	M		No potential asbestos containing material, no odours or staining
			2.0							

Test Pit TP23 terminated at 1m

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Test Pit No: TP24
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 7/10/2021
Finished: 7/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly silty CLAY, light brown, low plasticity, slightly moist	.0-0.1(PID:4.4ppm)	M		No potential asbestos containing material, no odours or staining
										No potential asbestos containing material, no odours or staining
			0.5			CLAY, light brown/orange, medium to high plasticity, moist	.5-0.7(PID:9.2ppm)	M		
			1.0			Test Pit TP24 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP25
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started: 7/10/2021
Finished: 7/10/2021
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Gravelly silty CLAY, light brown/grey, low plasticity, moist	.0-0.1(PID:5.2ppm)	D		No potential asbestos containing material, no odours or staining
			1.0			CLAY with fine gravels, brown/orange, low plasticity	.5-0.6(PID:7.1ppm)	SM		No potential asbestos containing material, no odours or staining
			1.5			Test Pit TP25 terminated at 1m				
			2.0							

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Test Pit No: TP26
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Silty gravelly CLAY, brown, low plasticity	0.0-0.1, 0.0-0.1ASB (PID:7.9ppm)	SM		No potential asbestos containing materials, no odours or staining
			1.0				.0-1.2(PID:8.2ppm)			
			1.5			Silty CLAY with minor gravels, dark brown, medium to high plasticity		M		No potential asbestos containing materials, no odours or staining
			2.0				.8-2.0(PID:3.8ppm)			

Test Pit TP26 terminated at 1m

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TP No: TP27
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.5		-	FILL: Sandy CLAY: brown (potentially reworked natural).	ES ES	M	S	FILL
			1.0		-	CLAY: brown/red, trace silt.	ES	M	VSt	NATURAL
			1.5			Test Pit TP27 terminated at 1.5m				
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP28
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty CLAY: brown.	ES	M	VSt	FILL
					-	CLAY: red brown.	ES	M	VSt	NATURAL
			0.5							
						Test Pit TP28 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP29
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty CLAY: brown.	ES	D	H	FILL
							ES			
					-	CLAY: orange/brown.	ES	D	H	NATURAL
			0.5							
			1.0			Test Pit TP29 terminated at 1m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP30
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.5		-	FILL: Silty CLAY: brown.	ES ES	D	H	FILL
			1.0		-	CLAY: orange/brown.	ES	D	H	NATURAL
			1.5			Test Pit TP30 terminated at 1m				
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP31
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m
Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.5		-	FILL: Silty CLAY: brown, shale gravels (irrigation piping?).	ES	M	St	FILL
							ES			
			1.0			0.9m, becoming moist with depth				
					-	FILL: CLAY: brown/red, trace silt (potentially reworked natural?).		M	VSt	
			1.5				ES			
			2.0							
							ES			
			2.5			Excavator Reached limit Test Pit TP31 terminated at 2.3m				
			3.0							
			3.5							

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TP No: TP32
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.5		-	Silty CLAY: brown (irrigation piping?).	ES	M	St	
							ES			
			1.0				ES			
			1.5		-	CLAY: brown/red, trace silt.	ES	M	VSt	
			2.0			Test Pit TP32 terminated at 2m				
			2.5							
			3.0							
			3.5							

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TP No: TP33
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Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Sandy CLAY: brown (potentially reworked natural).	ES	M	S	FILL
					-	CLAY: brown/red, trace silt.	ES	M	VSt	NATURAL
			0.5							
						Test Pit TP33 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP34
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Started:
Project: Detailed Site Investigation
Finished:
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Test Pit Size: m
Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.5		-	FILL: Sandy CLAY: brown (potentially reworked natural).	ES ES	M	S	FILL
			1.0		-	CLAY: brown/red, trace silt.	ES	M	VSt	NATURAL
			1.5			Test Pit TP34 terminated at 1.2m				
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP35
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.5		-	FILL: Sandy CLAY: brown (potentially reworked natural).	ES ES	M	S	FILL
			1.0		-	CLAY: brown/red, trace silt.	ES	M	VSt	NATURAL
			1.5			Test Pit TP35 terminated at 1.1m				
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP36
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	Sandy CLAY.	ES	-	-	
					-	CLAY: with shale gravels.	ES	-	-	
			0.5			Test Pit TP36 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP37
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Sandy CLAY: brown, some gravels, tile fragments (potentially reworked natural).	ES	M	S	FILL
					-	CLAY: brown/red, trace silt.		M	VSt	NATURAL
			0.5				ES			
						Test Pit TP37 terminated at 0.8m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP38
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Sandy CLAY: brown, some gravels (potentially reworked natural).	ES	M	S	FILL
							ES			
			0.5		-	CLAY: brown/red, trace silt.	ES	M	VSt	NATURAL
						Test Pit TP38 terminated at 0.8m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP39
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Sandy CLAY: brown (potentially reworked natural).	ES	M	S	FILL
					-	CLAY: brown/red, trace silt.	ES	M	VSt	NATURAL
			0.5							
						Test Pit TP39 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP40
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started:
Finished:
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Sandy CLAY: brown (potentially reworked natural).	ES	M	S	FILL
					-	CLAY: brown/red, trace silt.	ES	M	VSt	NATURAL
			0.5							
						Test Pit TP40 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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Test Pit No: TP41
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Silty SAND, brown, well graded, fine to course grained, sub angular moist	0.0-0.1 (PID:1.5ppm)	M		No potential asbestos containing materials, no odours or staining
			1.0			CLAY, light brown/beige with orange and grey mottling, high plasticity	.9-1.0(PID:1.5ppm)	M		No potential asbestos containing materials, no odours or staining
			1.5			Test Pit TP41 terminated at 1m				
			2.0							

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Test Pit No: TP42
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Silty SAND, brown, well graded, fine to course grained, sub angular moist with brick and terracotta rubble	.0-0.1(PID:3.2ppm)	M		No potential asbestos containing materials, no odours or staining
			1.0				.0-1.1(PID:1.0ppm)			
			1.5			Silty CLAY, light brown with orange mottling, low plasticity, moist	.4-1.5(PID:1.7ppm)	M		No potential asbestos containing materials, no odours or staining
			2.0			Test Pit TP42 terminated at 1m				

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Test Pit No: TP43
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Gravelly silty CLAY, dark brown, medium plasticity, moist	0.0-0.1, 0.0-0.1ASB (PID:2.9ppm)	M		No potential asbestos containing materials, no odours or staining
			1.0				1.0-1.1(PID:2.ppm)			
			1.5			Silty CLAY, light orang/brown, medium to high plasticity	.2-1.3(PID:2.7ppm)	M		No potential asbestos containing materials, no odours or staining
			2.0			Test Pit TP43 terminated at 1m				

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Test Pit No: TP44
Sheet: 1 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Sandy CLAY with gravels, low to medium plasticity, moist	.0-0.1(PID:2.1ppm) .4-0.5(PID:1.0ppm)	M		No potential asbestos containting materials, no odours or staining
			1.0				.0-1.1(PID2.9ppm)			
			1.5			Silty CLAY, light orang/brown, medium to high plasticity, moist	.4-1.5(PID:1.5ppm)	M		No potential asbestos containting materials, no odours or staining
			2.0							

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Test Pit No: TP44
Sheet: 2 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY, light orang/brown, medium to high plasticity, moist *(continued)*	2.0-2.1PID:1.7ppm)	M		
			2.5				2.4-2.5(PID:5.2ppm)			
						Test Pit TP44 terminated at 1m				
			3.0							
			3.5							
			4.0							

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Test Pit No: TP50
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY, dark grey, high plasticity, wet	0.0-0.1(PID:0.6ppm)	W		No potential asbestos containing materials, no odours or staining
			0.5			Shaley CLAY, light brown/orange with grey mottling, medium plasticity	0.5-0.6(PID:3.4ppm)	W		No potential asbestos containing materials, no odours or staining
			1.0			Test Pit TP50 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP51
Sheet: 1 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Gravelly sandy CLAY, brown, low to medium plasticity, moist, water at 2.0m brick, tile and PACM observed at 2.0m	.0-0.1(PID:1.7ppm)	W		Potential asbestos containing materials observed, no odours or staining
			1.0				.0-1.1(PID:1.0ppm)			
			1.5							
			2.0							

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Test Pit No: TP51
Sheet: 2 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Gravelly sandy CLAY, brown, low to medium plasticity, moist, water at 2.0m brick, tile and PACM observed at 2.0m *(continued)*	2.0-2.1, 2.0-2.1ASB (PID:0.9ppm)	W		
							2.3-2.4(PID:13ppm)			
			2.5			Test Pit TP51 terminated at 1m				
			3.0							
			3.5							
			4.0							

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Test Pit No: TP52
Sheet: 1 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Silty CLAY, dark brown, medium plasticity, moist	.0-0.1(PID:0.6ppm) .5-0.6(PID:0.7ppm)	M		No potential asbestos containing materials, no odours or staining
			1.0			Silty CLAY with minor gravels, grey, high plasticity, building materials from 1.5m and water at 2.0m	.0-1.1(PID:0.9ppm) .5-1.6(PID:1.2ppm)	M		No potential asbestos containing materials, no odours or staining
			1.5							
			2.0							

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Test Pit No: TP52
Sheet: 2 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY with minor gravels, grey, high plasticity, building materials from 1.5m and water at 2.0m *(continued)*	2.0-2.1(PID:3.1ppm)	M		
			2.5				2.5-2.6(PID:0.9ppm)			
						Test Pit TP52 terminated at 1m				
			3.0							
			3.5							
			4.0							

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Test Pit No: TP53
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY, dark brown, medium plasticity, moist	0.0-0.1(PID:0.9ppm)	M		No potential asbestos containing materials, no odours or staining
						Silty CLAY, orange/brown with grey mottling, high plasticity, moist	0.3-0.4(PID:2.1ppm)	M		No potential asbestos containing materials, no odours or staining
			0.5							
			1.0			Test Pit TP53 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP54
Sheet: 1 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Silty CLAY, dark brown, medium plasticity, moist, water strike at 2.0m	.0-0.1(PID:0.7ppm)	W		No potential asbestos containing materials, no odours or staining
			1.0				.0-1.1(PID:0.7ppm)			
			1.5							
			2.0							

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Test Pit No: TP54
Sheet: 2 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY, dark brown, medium plasticity, moist, water strike at 2.0m *(continued)*	2.0-2.1(PID:0.7ppm)	W		
						Sllty CLAY, light brown with orange/grey mottling, high plasticity wet		W		No potential asbestos containing materials, no odours or staining
			2.5				2.4-2.5(PID:0.6ppm)			
						Test Pit TP54 terminated at 1m				
			3.0							
			3.5							
			4.0							

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Test Pit No: TP61
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty SAND with minor gravels, dark brown,fine to medium grained, moist	.0-0.1(PID:5.8ppm)	M		No potential asbestos containing materials, no odours or staining
						Silty CLAY, brown with orange and grey mottling, high plasticity, moist		M		No potential asbestos containing materials, no odours or staining
			0.5				5-0.6(PID:13.0ppm)			
			1.0			CLAY, brown, high plasticity, moist	.0-1.1(PID:7.2ppm)	M		No potential asbestos containing materials, no odours or staining
						Test Pit TP61 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP62
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty SAND with minor gravels, dark brown,fine to medium grained, moist	.0-0.2(PID:7.0ppm)	M		No potential asbestos containing materials, no odours or staining
						Silty CLAY, brown with orange and grey mottling, high plasticity, moist		M		No potential asbestos containing materials, no odours or staining
			0.5				.5-0.6(PID:1.1ppm)			
			1.0			CLAY, brown, high plasticity, moist	.0-1.1(PID:6.1ppm)	M-W		No potential asbestos containing materials, no odours or staining
						Test Pit TP62 terminated at 1m				
			1.5				.5-1.6(PID:2.1ppm)			
			2.0							

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Test Pit No: TP63
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Silty CLAY, brown with orange and grey mottling, high plasticity, moist	.0-0.1(PID:7.6ppm)	M		No potential asbestos containing materials, no odours or staining
			1.0				.5-0.6(PID:4.9ppm)			
						CLAY, brown, high plasticity, moist	.0-1.1ppm(2.1ppm)	M		No potential asbestos containing materials, no odours or staining
			1.5			Test Pit TP63 terminated at 1m				
			2.0							

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Test Pit No: TP64
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Gravelly silty CLAY, brown , high plasticity, moist	.0-0.1(PID:4.1ppm)	M		No potential asbestos containing materials, no odours or staining
			1.0			Silty CLAY, dark brown, high plasticity, moist	.0-1.1(PID:3.2ppm)	M		No potential asbestos containing materials, no odours or staining
			1.5			Silty CLAY, brown with orange mottling, fine gravels, high plasticity, moist	.5-1.6(PID:3.0ppm)			No potential asbestos containing materials, no odours or staining
			2.0			Test Pit TP64 terminated at 1m				

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Test Pit No: TP65
Sheet: 1 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty gravelly SAND, dark brown, well graded, fine to course grained, sun angular, moist.	.0-0.1(PID:4.0ppm)	M		No potential asbestos containing materials, no odours or staining
						Silty CLAY, brown with orange mottling, high plasticity, moist.		M		No potential asbestos containing materials, no odours or staining
			0.5							
			1.0				.0-1.1(PID:1.1ppm)			
			1.5							
			2.0							

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Test Pit No: TP65
Sheet: 2 of 2
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY with fine gravels, brown with orange and grey mottling, high plasticity, moist, with water entering at 2.0m	2.0-2.1(PID:1.6ppm)	M		No potential asbestos containing materials, no odours or staining
						Test Pit TP65 terminated at 1m				
			2.5							
			3.0							
			3.5							
			4.0							

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Test Pit No: TP66
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5			Silty SAND with minor gravels, dark brown, fine to medium grained, sub angular, moist	0.0-0.1(PID:4.7ppm)	M		No potential asbestos containing materials, no odours or staining
						CLAY, orange/brown with grey mottling, high plasticity, moist	0.6-0.7(PID:3.1ppm)	M		No potential asbestos containing materials, no odours or staining
			1.0			Test Pit TP66 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP67
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Started:
Project: Detailed Site Investigation
Finished:
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5							
			1.0							
			1.5							
			2.0							

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Test Pit No: TP68
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Started:
Project: Detailed Site Investigation
Finished:
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5							
			1.0							
			1.5							
			2.0							

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Test Pit No: TP69
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Started:
Project: Detailed Site Investigation
Finished:
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
			0.5							
			1.0							
			1.5							
			2.0							

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Test Pit No: TP70
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY, dark brown, medium plasticity, moist	0.0-0.1(PID:5.8ppm)	M		No potential asbestos containing materials, no odours or staining
						Silty CLAY, orange/brown with grey mottling, high plasticity, moist	0.3-0.4(PID:6.8ppm)	M		No potential asbestos containing materials, no odours or staining
			0.5							
			1.0			Test Pit TP70 terminated at 1m				
			1.5							
			2.0							

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Test Pit No: TP71
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia Pty Ltd
Project: Detailed Site Investigation
Location: 290-308 Aldington Road and 59-63 Abbotts Road **Hole Location:** Refer to Figure 3.

Started:
Finished:
Test Pit Size: 0.3 m

Rig Type: **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** Alliance **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
						Silty CLAY, dark brown, medium plasticity, moist	0.0-0.1(PID:5.8ppm)	M		No potential asbestos containing materials, no odours or staining
						Silty CLAY, orange/brown with grey mottling, high plasticity, moist	0.3-0.4(PID:6.8ppm)	M		No potential asbestos containing materials, no odours or staining
			0.5							
			1.0			Test Pit TP71 terminated at 1m				
			1.5							
			2.0							

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TP No: TP78
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** O' Hara Brothers **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Sandy SILT: brown, fine to medium grained, sub-rounded sand.	ES PID=3.6ppm	SM	-	TOPSOIL
					CL-CI	Silty CLAY: low to medium plasticity, orange-brown.	ES	M	-	NATURAL
			0.5			Test Pit TP78 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP79
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** O' Hara Brothers **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Sandy SILT: brown, fine to medium grained, sub-rounded sand.	ES PID=1.0ppm	SM	-	TOPSOIL
					CL-CI	Silty CLAY: low to medium plasticity, orange-brown.	ES	M	-	NATURAL
			0.5			Test Pit TP79 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP80
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Sandy SILT: brown, fine to medium grained, sub-rounded sand.	ES PID=2.2ppm	SM	-	TOPSOIL
					CL-CI	Silty CLAY: low to medium plasticity, orange-brown.	ES	M	-	NATURAL
			0.5			Test Pit TP80 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP81
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.1ppm	M	-	TOPSOIL
					CI-CH	Silty CLAY: medium to high plasticity, orange brown.	ES	-	-	NATURAL
			0.5			Test Pit TP81 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP82
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.3ppm	M	-	TOPSOIL
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	-	-	NATURAL
			0.5			Test Pit TP82 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP83
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ
RL Surface: m **Contractor:** O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.2ppm	M	-	TOPSOIL
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	-	-	NATURAL
			0.5			Test Pit TP83 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP84
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.3ppm	M	-	TOPSOIL
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	-	-	NATURAL
			0.5			Test Pit TP84 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP85
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.3ppm	M	-	TOPSOIL
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	-	-	NATURAL
			0.5			Test Pit TP85 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP86
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: low plasticity, brown.	ES PID=1.8ppm	M	-	TOPSOIL
					CL	Silty CLAY: low plasticity, orange brown.		M	-	NATURAL
			0.5				ES			
			1.0				ES			
			1.5				ES			
					CI	Silty CLAY: medium plasticity, grey with orange.		M	-	
			2.0				ES			
			2.5				ES			
						Test Pit TP86 terminated at 2.6m				
			3.0							
			3.5							

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TP No: TP87
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: low plasticity, brown.	ES PID=2.9ppm	M	-	TOPSOIL
					CH	Silty CLAY: high plasticity, orange brown.	ES	M	-	NATURAL
			0.5			Test Pit TP87 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP88
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: low plasticity, brown.	ES PID=2.4ppm	M	-	TOPSOIL
					CH	Silty CLAY: high plasticity, orange brown.	ES	M	-	NATURAL
			0.5			Test Pit TP88 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP89
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: low plasticity, brown.	ES PID=3.7ppm	M	-	TOPSOIL
					CH	Silty CLAY: high plasticity, orange brown.	ES	M	-	NATURAL
			0.5			Test Pit TP89 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP90
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Location Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=3.8ppm	M	-	TOPSOIL
						Test Pit TP90 terminated at 0.1m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP91
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Location Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=4.4ppm	M	-	TOPSOIL
						Test Pit TP91 terminated at 0.1m				

0.5
1.0
1.5
2.0
2.5
3.0
3.5

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TP No: TP92
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Location Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=0.7ppm	M	-	TOPSOIL
			0.5			Test Pit TP92 terminated at 0.1m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

1. NON CORED BOREHOLE 13546.GPJ GINT STD AUSTRALIA.GDT 30/11/21

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TP No: TP93
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Location Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.0ppm	M	-	TOPSOIL
			0.5			Test Pit TP93 terminated at 0.1m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP94
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.0ppm	M	-	TOPSOIL
						Test Pit TP94 terminated at 0.1m				

0.5
1.0
1.5
2.0
2.5
3.0
3.5

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TP No: TP95
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Location Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.0ppm	M	-	TOPSOIL
			0.5			Test Pit TP95 terminated at 0.1m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP96
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=3.4ppm	M	-	TOPSOIL
						Test Pit TP96 terminated at 0.1m				

0.5
1.0
1.5
2.0
2.5
3.0
3.5

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TP No: TP97
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Location Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.0ppm	M	-	TOPSOIL
			0.5			Test Pit TP97 terminated at 0.1m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP98
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.6ppm	M	-	TOPSOIL
						Test Pit TP98 terminated at 0.1m				

0.5
1.0
1.5
2.0
2.5
3.0
3.5

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TP No: TP99
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Location:
Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=3.1ppm	M	-	TOPSOIL
			0.5			Test Pit TP99 terminated at 0.1m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP100
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	PID=1.2ppm	M	-	TOPSOIL
					CI-CH	Silty CLAY: medium to high plasticity, light brown with grey mottle.	ES	-	-	NATURAL
			0.5			Test Pit TP100 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP101
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m
Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.9ppm	M	-	TOPSOIL
			0.5		CH	Silty CLAY: high plasticity, light brown with grey mottling.	ES	M	-	NATURAL
			1.0		CL	Sandy Gravelly CLAY: low plasticity, light brown/grey.	ES	M	-	
			1.5			Rock Refusal Test Pit TP101 terminated at 1.2m				
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP102
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.5ppm	M	-	TOPSOIL
					CH	Silty CLAY: high plasticity, light brown.	ES	M	-	NATURAL
			0.5							
			1.0							
						Test Pit TP102 terminated at 1.2m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP103
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.0ppm	M	-	TOPSOIL
					CH	Silty CLAY: high plasticity, orange brown.	ES	M	-	NATURAL
			0.5							
			1.0							
						Test Pit TP103 terminated at 1.2m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP104
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.7ppm	M	-	TOPSOIL
					CH	Silty CLAY: high plasticity, light brown with grey mottling.	ES	M	-	NATURAL
			0.5							
			1.0							
						Test Pit TP104 terminated at 1.2m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

1. NON CORED BOREHOLE 13546.GPJ GINT STD AUSTRALIA.GDT 30/11/21

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TP No: TP105
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.8ppm	M	-	TOPSOIL
					CH	Silty CLAY: high plasticity, light brown with grey mottling.	ES	M	-	NATURAL
			0.5							
			1.0							
						Test Pit TP105 terminated at 1.2m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP106
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=4.2ppm	M	-	TOPSOIL
					CH	Silty CLAY: high plasticity, light brown with grey mottling.	ES	M	-	NATURAL
			0.5							
			1.0							
						Test Pit TP106 terminated at 1.2m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP107
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** O' Hara Brothers **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.7ppm	M	-	TOPSOIL
					CH	Silty CLAY: high plasticity, light brown with grey mottling.	ES	M	-	NATURAL
			0.5							
			1.0							
						Test Pit TP107 terminated at 1.2m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP108
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.2ppm	M	-	TOPSOIL 13.3kg
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	M	-	NATURAL
			0.5			Test Pit TP108 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP109
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.7ppm	M	-	TOPSOIL 13.0kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP109 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP110
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=3.8ppm	M	-	TOPSOIL 12.5kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP110 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP111
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.0ppm	M	-	TOPSOIL 12.3kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP111 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP112
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.1ppm	M	-	TOPSOIL 12.6kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP112 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP113
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.2ppm	M	-	TOPSOIL 12.1kg
					CI-CH	Silty CLAY: medium to high plasticity, light grey/brown.	ES	M	-	NATURAL
			0.5			Test Pit TP113 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP114
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.2ppm	M	-	TOPSOIL 12.9kg
					CI-CH	Silty CLAY: medium to high plasticity, light grey/brown.	ES	M	-	NATURAL
			0.5			Test Pit TP114 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP115
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.4ppm	M	-	TOPSOIL 13.2kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP115 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP116
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.3ppm	M	-	TOPSOIL 13.5kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP116 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP117
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=3.8ppm	M	-	TOPSOIL 12.4kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP117 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP118
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.5ppm	M	-	TOPSOIL 12.1kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP118 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP119
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.6ppm	M	-	TOPSOIL 13.4kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP119 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP120
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty CLAY: high plasticity, brown, with minor gravels.	ES PID=1.8ppm	M	-	FILL 14.7kg
					CI-CH	Silty CLAY: medium to high plasticity, grey with orange mottle.		M	-	NATURAL
			0.5				ES			
					-	Clayey SHALE: grey.		-	-	
			1.0				ES			
			1.5				ES			
			2.0				ES			
			2.5				ES			
						Test Pit TP120 terminated at 2.6m				
			3.0							
			3.5							

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TP No: TP121
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.4ppm	M	-	TOPSOIL 13.0kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP121 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP122
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Sandy CLAY: low plasticity, brown, with minor gravels.	ES PID=0.8ppm	SM	-	TOPSOIL 13.6kg
					CL	Silty CLAY: low plasticity, brown.	ES	SM	-	NATURAL
			0.5			Test Pit TP122 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP123
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=3.0ppm	M	-	TOPSOIL 13.2kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP123 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP124
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=4.1ppm	M	-	TOPSOIL 12.9kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP124 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP125
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.2ppm	M	-	TOPSOIL 13.6kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP125 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP126
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 20/10/2021
Finished: 20/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.1ppm	M	-	TOPSOIL 12.1kg
					CI-CH	Silty CLAY: medium to high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5			Test Pit TP126 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP127
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: low plasticity, dark brown.	ES PID=2.6ppm	SM	-	TOPSOIL 13.8kg
					CL	Silty CLAY: low plasticity, brown.	ES	SM	-	NATURAL
			0.5			Test Pit TP127 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP128
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: low plasticity, dark brown.	ES PID=2.8ppm	SM	-	TOPSOIL 13.5kg
					CL	Silty CLAY: low plasticity, brown.	ES	SM	-	NATURAL
			0.5			Test Pit TP128 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP129
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: low plasticity, dark brown.	ES PID=3.4ppm	SM	-	TOPSOIL 12.9kg
					CL	Silty CLAY: low plasticity, brown.	ES	SM	-	NATURAL
			0.5			Test Pit TP129 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP130
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: low plasticity, dark brown.	ES PID=1.8ppm	SM	-	FILL 12.2kg
					CL	Silty CLAY: low plasticity, dark brown.		SM	-	NATURAL
			0.5				ES			
					-	Silty Gravelly SHALE: light brown to grey.		-	-	
			1.0				ES			
					-	Silty SHALE: grey.		-	-	
			1.5				ES			
			2.0				ES			
						Hard Refusal Test Pit TP130 terminated at 2.1m				
			2.5							
			3.0							
			3.5							

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TP No: TP131
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.5ppm	M	-	FILL 13.0kg
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	M	-	NATURAL
			0.5			Test Pit TP131 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP132
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=4.0ppm	M	-	FILL 12.4kg
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	M	-	NATURAL
			0.5			Test Pit TP132 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP133
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.4ppm	M	-	FILL 12.0kg
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	M	-	NATURAL
			0.5			Test Pit TP133 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP134
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.2ppm	M	-	FILL 13.3kg
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	M	-	NATURAL
			0.5			Test Pit TP134 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP135
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.8ppm	M	-	FILL 12.8kg
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	M	-	NATURAL
			0.5			Test Pit TP135 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP136
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=1.7ppm	M	-	FILL 13.6kg
					CI-CH	Silty CLAY: medium to high plasticity, brown.	ES	M	-	NATURAL
			0.5			Test Pit TP136 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP137
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=2.5ppm	M	-	TOPSOIL 13.0kg
			0.5		CH	Silty CLAY: high plasticity, orangey brown.	ES	M	-	NATURAL
			1.0				ES			
			1.5		CH	Silty CLAY: high plasticity, orangey brown with grey mottle.	ES	M	-	
			2.0		CI	Silty CLAY: medium plasticity, grey.	ES	M	-	
			2.5				ES			
			3.0			Test Pit TP137 terminated at 2.6m				
			3.5							

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TP No: TP138
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=5.8ppm	M	-	TOPSOIL 13.1kg
					CH	Silty CLAY: high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5							
			1.0							
			1.5							
			2.0							
			2.5			Test Pit TP138 terminated at 2.6m				
			3.0							
			3.5							

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TP No: TP139
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 21/10/2021
Finished: 21/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES PID=3.6ppm	M	-	TOPSOIL 14.2kg
					CH	Silty CLAY: high plasticity, orangey brown.	ES	M	-	NATURAL
			0.5							
			1.0							
			1.5							
			2.0							
			2.5			Test Pit TP139 terminated at 2.6m				
			3.0							
			3.5							

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TP No: TP141
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 18/10/2021
Finished: 18/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Sandy Gravelly CLAY: low plasticity, brown.	ES PID=3.2ppm	M	-	FILL 13.6kg
			0.5		-	FILL: Gravelly CLAY: high plasticity, grey/brown with heavy black staining, geo fabric+brick throughout, mild odour.	ES PID=2.5ppm	W	-	FILL 17.2kg
			1.0							
			1.5		CI-CH	CLAY: medium to high plasticity, orangey brown, with fine gravels.	ES	M	-	NATURAL
						Test Pit TP141 terminated at 1.6m				
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP142
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 18/10/2021
Finished: 18/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O'Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Sandy Gravelly CLAY: low plasticity, brown.	ES PID=3.9ppm	M	-	FILL 13.1kg
			0.5		-	FILL: Gravelly CLAY: high plasticity, black, geo fabric+brick throughout, mild odour.	ES PID=2.9ppm	W	-	FILL 17.0kg
			1.0							
			1.5		CI-CH	CLAY: medium to high plasticity, orangey brown, with fine gravels.	ES	M	-	NATURAL
			2.0			Test Pit TP142 terminated at 1.6m				
			2.5							
			3.0							
			3.5							

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TP No: ASB10
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 15/10/2021
Finished: 15/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CH	Silty CLAY: high plasticity, dark grey.	ES	W	-	Filled with water
						Test Pit ASB10 terminated at 0.1m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: ASB11
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 15/10/2021
Finished: 15/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty Gravelly CLAY: high plasticity, brown.	ES	M	-	FILL
			0.5			NATURAL Test Pit ASB11 terminated at 0.1m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: ASB12
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 15/10/2021
Finished: 15/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.0		-	FILL: Gravelly Silty CLAY: medium to high plasticity, brown.	ES	M	-	FILL heavy PACM, construction waste, and tyres
			0.5				ES			
			1.0			1.0m, with orange mottling.		W		
			1.5				ES			
			2.0			Due to water filling hole Test Pit ASB12 terminated at 2m				
			2.5							
			3.0							
			3.5							

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TP No: ASB13
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 15/10/2021
Finished: 15/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.5		CI	FILL: Silty CLAY: medium plasticity, dark brown.	ES ES	M	-	FILL
			1.0		CI	Silty CLAY: medium plasticity, dark brown.				NATURAL
			1.5			Test Pit ASB13 terminated at 1.5m				
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: ASB14
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 15/10/2021
Finished: 15/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CI	TOPSOIL: Silty CLAY: medium plasticity, dark brown.	ES	M	-	NATURAL
			0.5			NATURAL Test Pit ASB14 terminated at 0.1m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: ASB15
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 15/10/2021
Finished: 15/10/2021
Test Pit Size: m
Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CI	Silty CLAY: medium plasticity, dark brown.	ES	M	-	NATURAL
					CH	Silty CLAY: high plasticity, dark brown.		M	-	
			0.5				ES			
			1.0							
			1.5				ES			
			2.0			2.0m, with orange mottling.	ES			
			2.5			Test Pit ASB15 terminated at 2.5m				
			3.0							
			3.5							

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TP No: DR01
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 06/10/2021
Finished: 06/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	Gravelly SAND: fine to coarse grained, sub-angular, well graded, brown, with cobbles.	ES PID=1.6ppm	M	-	Concrete gravels
			0.5		-	FILL: CLAY: high plasticity, brown, with fine gravel.	ES PID=1.4ppm	M	-	FILL
			1.0		CH	CLAY: high plasticity, brown/beige with orange mottling.	ES PID=0.7ppm	M	-	NATURAL
			1.5			Test Pit DR01 terminated at 1m				
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR02
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 06/10/2021
Finished: 06/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	Gravelly SAND: fine to coarse grained, sub-angular, well graded, light brown, with cobbles.	ES PID=0.3ppm	M	-	Concrete gravels
					-	FILL: Silty CLAY: low plasticity, dark brown, with fine gravel.	ES	SM	-	FILL
			0.5		CL-CI	CLAY: low to medium plasticity, light brown/beige, with orange and grey mottling.	ES PID=0.3ppm	M	-	NATURAL
			1.0			Test Pit DR02 terminated at 1m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR03
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 06/10/2021
Finished: 06/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	Gravelly SAND: fine to coarse grained, sub-angular, well graded, light brown, with cobbles.	ES PID=0.3ppm	M	-	FILL Concrete gravels
					-	FILL: Sandy CLAY: low to medium plasticity, brown, with fine gravel.	ES PID=0.4ppm	M	-	
			0.5		CH	CLAY: high plasticity, light orange/red.	ES PID=0.3ppm	M	-	NATURAL
			1.0		CH	CLAY: high plasticity, light brown with orange and grey mottling.		M	-	
			1.5				ES			
			2.0			Test Pit DR03 terminated at 2m				
			2.5							
			3.0							
			3.5							

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TP No: DR04
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 07/10/2021
Finished: 07/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** O' Hara Brothers **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty Gravelly SAND: fine to coarse grained, sub-angular, well graded, brown.	ES PID=3.4ppm	D	-	FILL
					-	SHALE: grey.	ES	D	-	BEDROCK
			0.5			Refusal Test Pit DR04 terminated at 0.2m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR05
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 07/10/2021
Finished: 07/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty Gravelly SAND: fine to coarse grained, sub-angular, well graded, brown.	ES PID=3.1ppm	D	-	FILL
					CL	CLAY: low plasticity, brown with orange mottling.	ES PID=4.2ppm	SM	-	NATURAL
			0.5			Test Pit DR05 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR06
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location:
Started: 07/10/2021
Finished: 07/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty Gravelly SAND: fine to coarse grained, sub-angular, well graded, brown.	ES PID=5.2ppm	M	-	FILL
			0.5		CH	CLAY: high plasticity, brown/beige, with fine gravel.	ES PID=6.5ppm	M	-	NATURAL
						Test Pit DR06 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR07
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 07/10/2021
Finished: 07/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Location Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** O' Hara Brothers **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Gravelly SANDSTONE: coarse grained, sub-angular, light brown/beige.	ES PID=2.3ppm	SM	-	FILL
			0.5		CH	CLAY: high plasticity, brown/beige, with fine gravel.	ES PID=5.4ppm	M	-	NATURAL
						Test Pit DR07 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR08
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 07/10/2021
Finished: 07/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty Gravelly SAND: fine to coarse grained, sub-angular, well graded, brown.	ES PID=4.0ppm	SM	-	FILL
					CI	CLAY: medium plasticity, light brown/orange.	ES PID=4.0ppm	SM	-	NATURAL
						Test Pit DR08 terminated at 0.2m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR11
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 13/10/2021
Finished: 13/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Location Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Gravelly CLAY: high plasticity, grey.	ES PID=5.9ppm	M	-	FILL
					CI-CH	CLAY: medium to high plasticity, orange brown.	ES	M	-	NATURAL
			0.5			Test Pit DR11 terminated at 0.2m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR12
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 13/10/2021
Finished: 13/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Gravelly CLAY: high plasticity, grey.	ES PID=2.1ppm	M	-	FILL
					CI-CH	CLAY: medium to high plasticity, orange brown.	ES	M	-	NATURAL
			0.5			Test Pit DR12 terminated at 0.2m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR13
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 13/10/2021
Finished: 13/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty Gravelly CLAY: medium to high plasticity, dark brown.	ES PID=3.2ppm	M	-	FILL
					CI-CH	CLAY: medium to high plasticity, orange brown.	ES	M	-	NATURAL
			0.5			Test Pit DR13 terminated at 0.2m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR14
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Hole Location
Started: 13/10/2021
Finished: 13/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Gravelly CLAY: high plasticity, dark brown.	ES PID=6.6ppm	M	-	FILL
					CH	Silty CLAY: high plasticity, brown, with fine gravel.	ES	M	-	NATURAL
			0.5			Test Pit DR14 terminated at 0.2m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR15
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 18/10/2021
Finished: 18/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty Gravelly CLAY: low to medium plasticity, brown.	ES PID=1.4ppm	M	-	FILL
					CI	Silty CLAY: medium plasticity, brown/grey with orange mottling.		M	-	NATURAL
			0.5				ES			
						Test Pit DR15 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: DR16
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.5		-	FILL: Silty Gravelly SAND: fine to coarse grained, sub-angular, light brown, well-graded, full of concrete and bricks.	ES PID=2.8ppm ES	SM	-	FILL
			1.0		-	FILL: Silty CLAY: medium plasticity, dark grey.	ES PID=2.6ppm	M	-	
			2.0		CI-CH	Silty CLAY: medium to high plasticity, light brown with grey mottling.		M	-	NATURAL Water falling from 2.0m
						Test Pit DR16 terminated at 2m				
			2.5							
			3.0							
			3.5							

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TP No: DR17
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 19/10/2021
Finished: 19/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ

RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.5		-	FILL: Silty Gravelly SAND: fine to coarse grained, sub-angular, light brown, well-graded, full of concrete and bricks.	ES PID=2.3ppm ES	SM	-	FILL
			1.0		CH	CLAY: high plasticity, light brown with orange, red mottling.	PID=1.6ppm	M	-	NATURAL
						Test Pit DR17 terminated at 1.2m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: PP1
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 18/10/2021
Finished: 18/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	FILL: Silty Gravelly CLAY: low to medium plasticity, brown.		M	-	FILL Surface Grab
						Test Pit PP1 terminated at 0.1m				

0.5
1.0
1.5
2.0
2.5
3.0
3.5

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TP No: PP2
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 13/10/2021
Finished: 13/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CL-CI	Silty CLAY: low to medium plasticity, brown.		M	-	
						Test Pit PP2 terminated at 0.1m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: PP3
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 13/10/2021
Finished: 13/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CL-CI	Silty CLAY: low to medium plasticity, brown.		M	-	
			0.5			Test Pit PP3 terminated at 0.1m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: PP4
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 12/10/2021
Finished: 12/10/2021
Test Pit Size: m
Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Sandy Gravelly CLAY: low plasticity, brown.	ES PID=1.7ppm	M	-	TOPSOIL
			0.5		CI	CLAY: medium plasticity, light brown.	ES	M	-	NATURAL
			1.0		CI	CLAY: medium plasticity, grey.	ES	M	-	
			1.5		CL	Shaly CLAY: low plasticity, grey.	ES	M	-	
			2.0				ES			
			2.5			Refusal Test Pit PP4 terminated at 2.1m				
			3.0							
			3.5							

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TP No: PP5
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 13/10/2021
Finished: 13/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N
Driller:
Logged: SJ

RL Surface: m **Contractor:** O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CL-CI	Silty CLAY: low to medium plasticity, brown.		M	-	
						Test Pit PP5 terminated at 0.1m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: PP6
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 12/10/2021
Finished: 12/10/2021
Test Pit Size: m
Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation			0.0		-	FILL: Clayey SAND: fine to coarse grained, sub-rounded, well graded, brown, with minor gravel.	ES PID=1.8ppm	M	-	FILL
					-	Gravelly Sandy CLAY: low plasticity, brown.		M	-	
			0.5				ES PID=1.2ppm			
			1.0				ES PID=2.0ppm			
			1.5				ES			
			2.0				ES			
					CL-CI	CLAY: low to medium plasticity, light brown with orange and gey mottling.		SM	-	NATURAL
			2.5				ES PID=3.3ppm			
						Test Pit PP6 terminated at 2.5m				
			3.0							
			3.5							

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TP No: PP7
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 12/10/2021
Finished: 12/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator **Hole Coordinates** E, N **Driller:** **Logged:** SJ
RL Surface: m **Contractor:** O' Hara Brothers **Bearing:** --- **Checked:**

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium to high plasticity, dark brown.	ES PID=2.3ppm	M	-	TOPSOIL
					CH	CLAY: high plasticity, light brown with orange and gey mottling.	ES PID=0.8ppm	M	-	NATURAL
			0.5			Test Pit PP7 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: PP8
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 12/10/2021
Finished: 12/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					-	TOPSOIL: Silty CLAY: medium to high plasticity, dark brown.	ES PID=2.0ppm	M	-	TOPSOIL
					CI-CH	Shaly CLAY: low to medium plasticity, grey to dark grey.	ES	M	-	NATURAL
						Test Pit PP8 terminated at 0.2m				

0.5
1.0
1.5
2.0
2.5
3.0
3.5

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TP No: PP9
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 18/10/2021
Finished: 18/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CL-CI	Gravelly CLAY: low to medium plasticity, brown.		M		Surface Grab
						Test Pit PP9 terminated at 0.1m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: PP10
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 18/10/2021
Finished: 18/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CI	Silty CLAY: medium plasticity, brown.		M	-	Surface Grab
						Test Pit PP10 terminated at 0.1m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: PP11
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Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 18/10/2021
Finished: 18/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CI	Silty CLAY: medium plasticity, brown.		M	-	Surface Grab
						Test Pit PP11 terminated at 0.1m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: PP12
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Australia
Project: Detailed Site Investigation
Location: 290-308 Aldington Road & 59-63 Abbotts Road, Kemps Creek, NSW
Started: 18/10/2021
Finished: 18/10/2021
Test Pit Size: m

Rig Type: 5t Hydraulic Track Mounted Excavator
Hole Coordinates E, N
Driller:
Logged: SJ
RL Surface: m
Contractor: O' Hara Brothers
Bearing: ---
Checked:

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
Excavation					CI	Silty CLAY: medium plasticity, brown.		M	-	Surface Grab
			0.5			Test Pit PP12 terminated at 0.1m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							

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TP No: TP09
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty SAND, fine to coarse grained, subangular, well graded, dark brown.	TP09 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	FILL: Silty SAND, fine to coarse grained, subangular, well graded, light brown.		M	-	
			0.5		CI	Silty CLAY, medium plasticity, light brown mottled orange.		M	-	NATURAL
						Test Pit TP09 terminated at 0.8m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP09A
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low plasticity, dark brown.	TP09A 0.0-0.1	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, orange red mottled tan.		M	-	NATURAL
						Test Pit TP09A terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP09B
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low plasticity, dark brown.	TP09B 0.0-0.1	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, light brown mottled orange.		M	-	NATURAL
						Test Pit TP09B terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP09C
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low plasticity, brown.	TP09C 0.0-0.1	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, light tan mottled orange.		M	-	NATURAL
						Test Pit TP09C terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP09D
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.0		-	FILL: Gravelly SAND, fine to coarse grained, subangular, well graded, brown/grey.	TP09D 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	FILL: Silty CLAY, low plasticity, brown with orange mottling.		M	-	
			1.0		Cl	Silty CLAY, medium plasticity, light grey mottled orange.		M	-	NATURAL
						Test Pit TP09D terminated at 1.2m				

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TP No: TP09E
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy Gravelly CLAY, low plasticity, brown.	TP09E 0.0-0.1 TP09E 0.1-0.2	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, mottled tan.		M	-	NATURAL
						Test Pit TP09E terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP09F
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy Gravelly CLAY, low plasticity, brown.	TP09F 0.0-0.1	M	-	FILL No PACM, staining or odour.
			0.5		CH	CLAY, high plasticity, light orange mottled tan.		M	-	NATURAL
						Test Pit TP09F terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP09G
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.5		CI-CH	Silty CLAY, medium to high plasticity, orange brown.	TP09G 0.0-0.1	M	-	FILL No PACM, staining or odour.
						Test Pit TP09G terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP09H
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Gravelly Silty SAND, fine to coarse grained, subangular, well graded, light brown.	TP09H 0.0-0.1	M	-	FILL No PACM, staining or odour.
			0.5		Cl	Silty CLAY, medium plasticity, brown mottled orange.		M	-	NATURAL
						Test Pit TP09H terminated at 0.8m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP143
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: CLAY, medium to high plasticity, brown/grey/black, organic material, rootlets.	TP143 0.0-0.1	W	F - St	FILL No PACM, staining or odour.
			0.5			Test Pit TP143 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP144
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				CI-CH	Silty CLAY, medium to high plasticity, dark brown, organics, grass and rootlets.		W	L - F	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP144 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				CI-CH	Silty CLAY, medium to high plasticity, brown, organic, grasses and rootlets.	TP145 0.0-0.1	W	L - F	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP145 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				CI-CH	CLAY, medium to high plasticity, brown/grey/black, organic material, rootlets.	TP146 0.0-0.1	W	F - St	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP146 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				CI-CH	CLAY, medium to high plasticity, light brown mottled white, grey, orange, trace concrete and brick on surface only.	TP147 0.0-0.1 PID=0.0	W	S - F	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP147 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: SAND, fine to medium grained, grey.	TP148 0.0-0.1 PID=0.4	W	L	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, yellow-light brown.	TP148 0.2-0.3 PID=0.4 TP148 0.1-0.4	W	S - F	NATURAL
			0.5			Test Pit TP148 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: SAND, fine to medium grained, grey.	TP149 0.0-0.1 PID=0.2	W	L	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, yellow-light brown.	TP149 0.2-0.3 PID=0.7 TP149 0.1-0.4	W	S - F	NATURAL
			0.5			Test Pit TP149 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.5		-	FILL: SAND, coarse grained, light grey, with low to medium plasticity clay.	TP150 0.0-0.1 PID=0.6 TP150 0.1-0.2 PID=0.5 TP150 0.2-0.3 PID=0.3 TP150 0.1-0.5	W	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, yellow-light brown.	TP150 0.5-0.6 PID=0.7	W	S - F	NATURAL No PACM, staining or odour.
			1.0			Test Pit TP150 terminated at 0.8m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP151
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: SAND, coarse grained, light grey, low to medium plasticity clay.	TP151 0.0-0.1 PID=0.6 TP151 0.1-0.3 PID=0.5	W	L	FILL No PACM, staining or odour.
			0.5		CI-CH	CLAY, medium to high plasticity, yellow.	TP151 0.3-0.4 PID=0.7	W	S - F	NATURAL No PACM, staining or odour.
						Test Pit TP151 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: SAND, coarse grained, light grey, low to medium plasticity clay.	TP152 0.0-0.1 PID=0.5	W	L	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, slightly greenish yellow.	TP152 0.1-0.2 PID=1.1	W	S - F	NATURAL No PACM, staining or odour.
							TP152 0.1-0.4			
			0.5			Test Pit TP152 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.0		-	FILL: SAND, medium to coarse grained, light grey, low to medium plasticity clay.	TP153 0.0-0.1 PID=0.4 TP153 0.1-0.2 PID=0.5	W	-	FILL No PACM, staining or odour.
			0.5		CI-CH	CLAY, medium to high plasticity, yellow-light brown.	TP153 0.2-0.3 TP153 0.1-0.5 TP153 0.5-0.6 PID=0.5	W	S - F	NATURAL No PACM, staining or odour.
			1.0			Test Pit TP153 terminated at 0.8m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E			0.0		-	FILL: Sandy CLAY, low to medium plasticity, brown, trace rootlets.	TP154 0.0-0.1 PID=0.5	W	-	FILL No PACM, staining or odour.
							TP154 0.1-0.7			
			0.5				TP154 0.5-0.6 PID=0.8			
							TP154 0.6-0.7			
	▼ Groundwater seepage observed @ 0.7m				-	FILL: Tyres.		W	-	
			1.0							
			1.5							
			2.0							
					Cl-CH	CLAY, medium to high plasticity, yellow-light brown.		W	S	NATURAL No PACM, staining or odour.
			2.5							
						Test Pit TP154 terminated at 2.5m				
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E			0.0		-	FILL: Clayey Gravelly SAND, brown, trace concrete and rock.	TP155 0.0-0.1 PID=1.1	W	-	FILL PACM observed, no odours or staining.
			0.5				TP155 0.1-1.0 TP155 0.5-0.6 PID=0.5			
			1.0				TP155 1.0-1.1 PID=0.7			
	Groundwater seepage observed @ 1.2m		1.5		-	FILL: Tyres.	TP155 1.1-1.9	W	-	
			2.0		CI-CH	CLAY, medium to high plasticity, yellow-brown.		W	S	NATURAL No PACM, staining or odour.
			2.5			Test Pit TP155 terminated at 2.3m				
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	Groundwater seepage @ 1.1m		0.5		-	FILL: Sandy CLAY, brown, fine to medium grained sand, trace brick and pipe.	TP156 0.0-0.1 DUP02/TRP02 PID=1.5	W	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, brown.	TP156 0.1-0.2 PID=0.8	W	S - F	NATURAL No PACM, staining.
			1.0			0.4m: grey, with strong organic odour.			VSt - S	
			1.5			Test Pit TP156 terminated at 1.6m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.0		-	FILL: Silty CLAY, low to medium plasticity, brown, with trace fine grained sand, rootlets.	TP157 0.0-0.1 PID=0.4	M	-	FILL No PACM, staining or odour.
					-	FILL: CLAY, low to medium plasticity, grey/black/brown, with tyre layer.	TP157 0.1-0.45 PID=0.6	M	S - F	
			0.5				TP157 0.45-0.55			
							TP157 0.1-0.65			
					CL-CI	CLAY, low to medium plasticity, with shale gravel.		M	-	NATURAL No PACM, staining.
			1.0				TP157 0.65-1.75 PID=0.7			
			1.5							
						Test Pit TP157 terminated at 1.7m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low to medium plasticity, brown, with trace fine grained sand, rootlets.	TP158 0.0-0.1 PID=2.5	M	-	FILL No PACM, staining or odour.
					CI	Sandy CLAY, medium plasticity, yellow brown.	TP158 0.1-0.2 PID=4.5	M	F - St	NATURAL No PACM, staining or odour.
			0.5							
			1.0							
			1.5		-	SHALE.		-	-	BEDROCK
						Test Pit TP158 terminated at 1.6m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, medium to high plasticity, dark grey, with PACM, brick, concrete and asphalt.	TP159 0.0-0.1 PID=1.1	M	-	FILL No PACM, staining or odour.
			0.5			Terminated at 0.2m due to PACM sheets encountered Test Pit TP159 terminated at 0.2m				Absbestos was found here, test pit terminated at 0.2m
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023

Project: Supplementary Contamination Assessment **Finished:** 28/03/2023

Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS

RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, brown, fine to medium grained sand, trace brick and pipe.	TP160 0.0-0.1 PID=2.5	M	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, dark brown.	TP160 0.1-0.2 PID=2.1	M	-	NATURAL No PACM, staining or odour.
						Test Pit TP160 terminated at 0.2m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6C **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, brown, fine to medium grained sand, low to medium plasticity, trace brick and pipe.	TP161 0.0-0.1 PID=2.3	M	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, dark brown.	TP161 0.1-0.2 PID=2.4	M	-	NATURAL No PACM, staining or odour.
						Test Pit TP161 terminated at 0.2m				

0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, low to medium plasticity, brown.	TP164 0.0-0.1 PID=0.5	M	S	FILL No PACM, staining or odour.
					CL-CI	CLAY, medium to high plasticity, orange/white.	TP164 0.1-0.2 PID=0.5	M	S - F	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP164 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Clayey SAND, fine to medium grained, dark brown, trace brick and concrete.	TP165 0.0-0.1 PID=0.4	M	-	FILL No PACM, staining or odour.
					CL-Cl	Sandy CLAY, low to medium plasticity, yellowish brown, fine to medium grained sand.	TP165 0.1-0.2 PID=0.4	M	F - St	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP165 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, low to medium plasticity, brown, with fine grained sand.	TP166 0.0-0.1 PID=0.5	M	S - F	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, yellow, with shale gravel.	TP166 0.1-0.2 PID=0.5	M	F	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP166 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.5		-	FILL: SAND, coarse grained, grey, trace brick and concrete.	TP167 0.0-0.1 PID=0.7 TP167 0.1-0.45	M	-	FILL No PACM, staining or odour.
					-	SHALE on the western face of the wall.	TP167 0.45-0.55	M	-	Concrete and brick associated with an old footing identified on the eastern face of the wall ontop of the shale.
						Test Pit TP167 terminated at 0.55m				

1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low to medium plasticity, dark brown.	TP168 0.0-0.1 DUP1 PID=0.4	M	L	FILL No PACM, staining or odour.
					-	CLAY, medium to high plasticity, red/brown.	TP168 0.1-0.2 PID=0.4	M	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP168 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low to medium plasticity, dark brown.	TP169 0.0-0.1 PID=0.4	M	L	FILL No PACM, staining or odour.
					-	CLAY, medium to high plasticity, red/brown.	TP169 0.1-0.2 PID=1.0	M	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP169 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: SAND, medium to coarse grained, grey, low to medium plasticity clay.	TP170 0.0-0.1 PID=0.2	M	L	FILL No PACM, staining or odour.
			0.5		CI-CH	CLAY, medium to high plasticity, orange/light grey/dark grey, with gravels of claystone.	TP170 0.1-0.2 PID=0.7	M	S - F	NATURAL No PACM, staining or odour.
						Test Pit TP170 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: SAND, fine to coarse grained, black, with ironstone.	TP171 0.0-0.1 PID=0.9	M	-	FILL No PACM, staining or odour.
			0.5		CI-CH	CLAY, medium to high plasticity, grey.	TP171 0.1-0.2 PID=0.9	M	-	NATURAL No PACM, staining or odour.
						Test Pit TP171 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.0		-	FILL: SAND, fine to coarse grained, black, with ironstone.	TP172 0.0-0.1 PID=1.0	M	-	FILL No PACM and staining, slight organic odour.
					CI-CH	CLAY, medium to high plasticity, stained black to blackish grey.	TP172 0.1-0.2 PID=0.9	M	-	NATURAL No PACM, staining or odour.
			0.5				TP172 0.5-0.6 PID=0.7			
			1.0			Test Pit TP172 terminated at 1m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6D **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.0		-	FILL: SAND, light grey, with low to medium plasticity clay, sandstone gravel, building rubble (concrete).	TP173 0.0-0.1 PID=0.9	M	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, yellow/orange, trace fine grained sand, with gravels of claystone.	TP173 0.1-0.2 PID=0.3	M	S - F	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP173 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: SAND, grey, trace low to medium plasticity clay, with some gravel.	TP174 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	FILL: Sandy CLAY, low to medium plasticity, brown/grey, some rootlets.	TP174 0.1-0.3	M	S - F	
			0.5		CI-CH	CLAY, medium to high plasticity, orange, with fine grained sand.		M	-	NATURAL No PACM, staining or odour.
						Test Pit TP174 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.0		-	FILL: SAND, grey, with low to medium plasticity clay, with organics, rootlets, some gravel.	TP175 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	FILL: CLAY, low to medium plasticity, grey, with fine grained sand.		M	-	
			0.5				TP175 0.1-1.0			
			1.0				TP175 1.0-1.3			
					CI-CH	CLAY, medium to high plasticity, orange.		M	-	NATURAL No PACM, staining or odour.
			1.5			Test Pit TP175 terminated at 1.4m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Gravelly SAND, medium grained, subrounded, brown.	TP176 0.0-0.1	M	-	FILL No PACM, staining or odour.
			0.5		Cl	Silty CLAY, medium plasticity, orange mottled grey.		M	-	NATURAL
						Test Pit TP176 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy GRAVEL, fine to coarse, angular, well graded, dark grey.	TP177 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CI-CH	Silty CLAY, medium to high plasticity, orange/tan mottled grey.		M	-	NATURAL
						Test Pit TP177 terminated at 0.2m				
			0.5							
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy GRAVEL, fine to coarse, angular, well graded, grey.	TP178 0.0-0.1	-	-	FILL No PACM, staining or odour.
					CI-CH	Silty CLAY, medium to high plasticity, orange/brown.		-	-	NATURAL
			0.5			Test Pit TP178 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy GRAVEL, fine to coarse, angular, well graded, grey.	TP179 0.0-0.05	M	-	FILL
					-	FILL: Gravelly SAND, fine to coarse grained, angular, well graded, dark grey.	TP179 0.05-0.1	M	-	No PACM, staining or odour.
					-	FILL: Sandy CLAY, low to medium plasticity, tan mottled orange.	TP179 0.1-0.15	M	-	
			0.5		-	FILL: Silty CLAY, low to medium plasticity, dark grey.	TP179 0.15-0.5	M	-	
			1.0		CI-CH	Silty CLAY, medium to high plasticity, brown mottled grey.		M	-	NATURAL
			1.5			Test Pit TP179 terminated at 1m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Clayey SAND, dark brown, low to medium plasticity clay, organics, rootlets, grass.	TP180 0.0-0.1	M	L	FILL No PACM, staining or odour.
			0.5		-	SAND, orange, with medium to high plasticity clay.	TP180 0.1-0.5	M	-	NATURAL No PACM, staining or odour.
						Test Pit TP180 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Clayey SAND, brown, low to medium plasticity, organics, rootlets, grass.	TP181 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	FILL: Silty SAND, grey, low to medium plasticity silt.	TP181 0.1-0.3	M	L	
			0.5		CI-CH	CLAY, medium to high plasticity, orange/brown.		M	L	NATURAL No PACM, staining or odour.
						Test Pit TP181 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Clayey SAND, grey, low to medium plasticity clay, with concrete gravels and asphalt, organics, rootlets.	TP182 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, brown, with fine grained sand.		M	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP182 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy GRAVEL, fine to coarse, angular, well graded, grey.	TP183 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	Silty CLAY, medium to high plasticity, dark grey.	TP183 0.1-0.3	M	-	
			0.5		CI-CH	Silty CLAY, medium to high plasticity, orange grey mottling.		M	-	NATURAL
						Test Pit TP183 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Clayey SAND, grey, low to medium plasticity clay, with concrete gravels and asphalt, organics, rootlets.	TP184 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, brown, with fine grained sand.		M	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP184 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy GRAVEL, fine to coarse, angular, well graded, grey.	TP185 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CL-Cl	Sandy CLAY, low to medium plasticity, orange/tan mottled grey.		M	-	NATURAL
			0.5			Test Pit TP185 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.5		-	FILL: Silty CLAY, low to medium plasticity, brown.	TP186 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	FILL: Silty CLAY, low to medium plasticity, red.		M	-	0.1m: Demolition waste.
			1.0		CL-CI	Silty CLAY, low to medium plasticity, brown.		M	-	NATURAL
			1.5			Test Pit TP186 terminated at 1.4m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.0		-	FILL: Silty CLAY, low to medium plasticity, brown.		M	-	FILL No PACM, staining or odour.
					-	FILL: Silty CLAY, low to medium plasticity, brown.		D	-	
			0.5				TP187 0.1-1.0			PACM observed from 0.1-1.0, no staining or odour.
			1.0		CL-CI	Silty CLAY, low to medium plasticity, brown.		M	-	NATURAL
			1.5			Test Pit TP187 terminated at 1.4m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.0		-	FILL: Silty CLAY, low to medium plasticity, brown with dark brown mottling.	TP188 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	FILL: Silty CLAY, low to medium plasticity, dark brown.		M	-	
			0.5				TP188 0.1-1.0			
			1.0		CL-Cl	Silty CLAY, low to medium plasticity, brown/orange.		M	-	NATURAL
			1.5			Test Pit TP188 terminated at 1.4m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low to medium plasticity, with gravel.	TP189 0.0-0.1	M	-	FILL PACM observed from 0.0-0.1, no staining or odour.
			0.5		-	FILL: Silty CLAY, low to medium plasticity, light brown.	TP189 0.1-1.0	M	-	No PACM, odour, or staining. Concrete, brick and tile.
			1.0		-	FILL: CLAY, high plasticity, dark bluish grey.	TP189 1.0-2.0	W	-	No staining or odour. PACM observed.
			1.5							
			2.0				TP189 2.0-3.0			
			2.5							
			3.0				TP189 3.0-4.0			
			3.5							
			4.0		CI-CH	CLAY, medium to high plasticity, orangey brown.		M	-	NATURAL
			4.5			Test Pit TP189 terminated at 4.2m				

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Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m
Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E					-	FILL: Silty CLAY, low to medium plasticity, dark brown orange mottling.	TP190 0.0-0.1	M	-	FILL No PACM, staining or odour.
			0.5		-	FILL: Silty CLAY, low to medium plasticity, light brown/grey.	TP190 0.1-1.0	M	-	0.1m: Demolition waste. PACM observed from 0.1-1.0m.
			1.0		-	FILL: CLAY, high plasticity, dark grey.	TP190 1.0-2.0	VM	-	
			1.5							
			2.0				TP190 2.0-2.5			
			2.5		CI-CH	Silty CLAY, medium to high plasticity, grey with orange mottling.		M	-	NATURAL
	GW @2.6m		3.0							
						Test Pit TP190 terminated at 3m				
			3.5							
			4.0							
			4.5							

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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7A **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low to medium plasticity, brown mottled red.	TP191 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	FILL: Silty CLAY, low to medium plasticity, brown/orange mottled red.	TP191 0.1-0.7	M	-	0.1-0.7m: Demolition waste.
			0.5		CL-CI	Silty CLAY, low to medium plasticity, orange/brown.		M	-	NATURAL
			1.0			Test Pit TP191 terminated at 1m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP192
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1
Started: 29/03/2023

Project: Supplementary Contamination Assessment
Finished: 29/03/2023

Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B
Test Pit Size: 0.45 m

Rig Type: 8T Excavator
Hole Coordinates E, N
Driller: Wayne
Logged: SW

RL Surface: m
Contractor: Ken Coles Excavations
Bearing: ---
Checked: TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, medium to high plasticity, brown, with some brick and terracota pipe fragments, trace plastic.	TP192 0.0-0.1	M	St - F	FILL No PACM, staining or odour.
			0.5		CI-CH	CLAY, medium to high plasticity, reddish brown.	TP192 0.3-0.4	M	F - St	NATURAL
						Test Pit TP192 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Clayey SAND, grey, low to medium plasticity clay, building rubble, concrete, brick, tile.	TP193 0.0-0.1 PID=3.1	M	L	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, orange/brown.	TP193 0.1-0.2 PID=2.4	M	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP193 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1
Started: 29/03/2023
Project: Supplementary Contamination Assessment
Finished: 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B
Test Pit Size: 0.45 m

Rig Type: 8T Excavator
Hole Coordinates E, N
Driller: Wayne
Logged: GS
RL Surface: m
Contractor: Ken Coles Excavations
Bearing: ---
Checked: TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, low to medium plasticity, grey, with building rubble, brick, concrete.	TP194 0.0-0.1 PID=3.9	W	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, orange, grey, with shale layer.	TP194 0.1-0.2 PID=3.7	W	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP194 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP195
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Clayey SAND, grey, low to medium plasticity clay, building rubble, concrete, brick, tile.	TP195 0.0-0.1 PID=3.5	W	L	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, orange/brown.	TP195 0.1-0.2 PID=4.2	W	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP195 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: CLAY, medium to high plasticity, grey, with layer of brick, concrete.	TP196 0.0-0.1 PID=3.3	W	-	FILL No PACM, staining or odour.
					-	Extremely Weathered Shale, low to medium plasticity, orange/grey, white.	TP196 0.1-0.2 PID=2.2	W	L	EXTREMELY WEATHERED ROCK No PACM, staining or odour.
			0.5			Test Pit TP196 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Clayey SAND, grey, low to medium plasticity clay, building rubble, concrete, brick, tile.	TP197 0.0-0.1 PID=2.8	W	L	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, orange/brown.	TP197 0.1-0.2 PID=4.4	W	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP197 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP198
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: CLAY, bluish grey.	TP198 0.0-0.1	M	F - St	FILL No PACM, staining or odour.
							TP198 0.1-0.2			
					-	SHALE, yellowish grey, highly weathered.	TP198 0.2-0.3	M	-	SHALE
			0.5			Test Pit TP198 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, dark grey, fine to medium grained sand, trace brick and concrete.	TP199 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, yellowish brown.	TP199 0.1-0.2	M	F - St	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP199 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP200
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: CLAY, yellowish/brownish, demo waste (brick and concrete) on surface.	TP200 0.0-0.1	M	F - St	FILL No PACM, staining or odour.
					-	SHALE, grey, highly weathered.	TP200 0.1-0.2	M	-	WEATEHRED ROCK
			0.5			Test Pit TP200 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP201
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7F **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty SAND, fine to coarse grained, subangular, well graded, dark brown.	TP201 0.0-0.1 PID=1.0	M	-	FILL PACM observed at 0.0m, no staining or odour.
					CI	Silty CLAY, medium plasticity, orange brown.	TP201 0.1-0.2	M	-	NATURAL
			0.5			Test Pit TP201 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP202
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7F **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Gravelly Silty SAND, fine to coarse grained, subangular, well graded, brown.	TP202 0.0-0.1 PID=2.2	M	-	FILL No PACM, staining or odour.
					Cl	Silty CLAY, medium plasticity, orange brown.	TP202 0.1-0.2	M	-	NATURAL
			0.5			Test Pit TP202 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP203
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7F **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, low plasticity, brown.	TP203 0.0-0.1 PID=1.4	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, orange brown mottled tan.	TP203 0.1-0.2	M	-	NATURAL
						Test Pit TP203 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP204
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7F **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.0		-	FILL: Sandy CLAY, medium plasticity, brown, with gravel.	TP204 0.0-0.1 PID=1.0	M	-	FILL No PACM, staining or odour.
					-	FILL: Gravelly Silty SAND, fine to coarse grained, subangular, well graded, brown.		M	-	
			0.5				TP204 0.4-0.5 PID=1.1			
							TP204 0.1-1.0			
			1.0				TP204 0.9-1.0			
			1.5				TP204 1.0-2.0			
			2.0				TP204 1.9-2.0 PID=0.7			
			2.5				TP204 2.0-2.7			
					-	SHALE, grey.	TP204 2.7-2.8			NATURAL
			3.0			Test Pit TP204 terminated at 2.8m				
			3.5							
			4.0							
			4.5							

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TP No: TP205
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7F **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, medium plasticity, brown, with gravel.	TP205 0.0-0.1 PID=1.2	M	-	FILL No PACM, staining or odour.
					-	FILL: Silty CLAY, low plasticity, grey/brown.	TP205 0.1-0.2 PID=0.7	M	-	
							TP205 0.1-0.3			
					CL	CLAY, low plasticity, grey.	TP205 0.3-0.4	M	-	NATURAL
			0.5							
						Test Pit TP205 terminated at 0.7m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7F **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty SAND, fine to coarse grained, subangular, well graded, brown, with dark shale gravel.	TP206 0.0-0.1 PID=1.3	M	-	FILL No PACM, staining or odour.
			0.5		-	Silty CLAY, medium plasticity, orange brown.	TP206 0.1-0.2	M	-	NATURAL
						Test Pit TP206 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP207
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6F **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy Gravelly CLAY, low plasticity, brown, demolition waste (brick, PVC, tile).	TP207 0.0-0.1 PID=0.8	M	-	FILL PACM observed, no staining or odour.
					-	FILL: Silty CLAY, low plasticity, grey/brown, trace orange mottling.	TP207 0.1-0.2 PID=1.2 TP207 0.1-0.3	M	-	
			0.5		CI-CH	Silty CLAY, low to medium plasticity, light grey, orange mottling.	TP207 0.3-0.4	M	-	NATURAL No PACM, staining or odour.
					-	Weathered Shale.		-	-	
			1.0			Test Pit TP207 terminated at 0.8m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP208
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6F **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy Gravelly CLAY, low plasticity, brown.	TP208 0.0-0.1 PID=0.8	M	-	FILL
					-	FILL: Silty CLAY, low plasticity, grey/brown, trace orange mottling.	TP208 0.1-0.2 PID=1.5	M	-	No PACM, staining or odour.
			0.5		CL-CI	Silty CLAY, low to medium plasticity, light grey orange mottling.	TP208 0.2-0.3	M	-	NATURAL No PACM, staining or odour.
			1.0		-	Weathered Shale.		-	-	
						Test Pit TP208 terminated at 1m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP209
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.5		-	FILL: Gravelly Sandy CLAY, medium plasticity, brown.	TP209 0.0-0.1 DUP06+TRIP06 PID=3.2 TP209 0.1-0.6	M	-	FILL No PACM, staining or odour.
			1.0		CI	CLAY, medium plasticity, light orange brown mottled tan.	TP209 0.6-0.7 PID=2.5	M	-	NATURAL
			1.5			Test Pit TP209 terminated at 1m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy Gravelly CLAY, medium plasticity, brown.	TP210 0.0-0.1 PID=4.7	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, grey/brown mottled orange.	TP210 0.1-0.2	M	-	NATURAL
						Test Pit TP210 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.5		-	FILL: Sandy Gravelly CLAY, medium plasticity, brown.	TP211 0.0-0.1 PID=2.4 TP211 0.1-0.6	M	-	FILL No PACM, staining or odour.
			1.0		CI	Silty CLAY, medium plasticity, light brown mottled orange.	TP211 0.6-0.7 PID=2.7	M	-	NATURAL
			1.5			Test Pit TP211 terminated at 1m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1
Started: 27/03/2023

Project: Supplementary Contamination Assessment
Finished: 27/03/2023

Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW
Hole Location: Refer to Figure 7E
Test Pit Size: 0.45 m

Rig Type: 8T Excavator
Hole Coordinates E, N
Driller: Andrew
Logged: SJ/JC

RL Surface: m
Contractor: Ken Coles Excavations
Bearing: ---
Checked: TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Gravelly SAND, coarse grained, subrounded, light brown.	TP212 0.0-0.1 PID=2.2	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, orange brown mottled orange.	TP212 0.1-0.2	M	-	NATURAL
						Test Pit TP212 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy Gravelly CLAY, medium plasticity, dark brown.	TP213 0.0-0.1 PID=1.2 TP213 0.1-0.4	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, light tan mottled orange.	TP213 0.4-0.5	M	-	NATURAL
						Test Pit TP213 terminated at 0.7m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP214
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy GRAVEL, subangular, well graded, dark grey.	TP214 0.0-0.1 PID=0.7	M	-	FILL No PACM, staining or odour.
					-	FILL: Sandy CLAY, low plasticity, brown/grey.	TP214 0.1-0.2 PID=0.9	M	-	
							TP214 0.1-0.4			
			0.5		Cl	Silty CLAY, medium plasticity, orange with tan mottling,	TP214 0.4-0.5	M	-	NATURAL
						Test Pit TP214 terminated at 0.7m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Gravelly Sandy CLAY, medium plasticity, dark brown.	TP215 0.0-0.1 PID=2.2 TP215 0.1-0.3	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, orange mottled.	TP215 0.3-0.4	M	-	NATURAL
						Test Pit TP215 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP216
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Gravelly SAND, subangular, well graded, dark brown, with trace clay.	TP216 0.0-0.1 PID=2.7 TP216 0.1-0.3	M	-	FILL No PACM, staining or odour.
			0.5		CI	Silty CLAY, medium plasticity, light brown mottled orange.	TP216 0.3-0.4	M	-	NATURAL
						Test Pit TP216 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP217
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy GRAVEL, subangular, well graded, dark grey.	TP217 0.0-0.1 DUP/TRP05 PID=2.3	M	-	FILL No PACM, staining or odour.
					-	FILL: Sandy CLAY, low plasticity, brown grey.	TP217 0.1-0.3 PID=0.9	M	-	
			0.5		Cl	Silty CLAY, medium plasticity, orange tan mottling.	TP217 0.3-0.4	M	-	NATURAL
						Test Pit TP217 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy GRAVEL, subangular, well graded, dark grey.	TP218 0.0-0.1 DUP/TRIP04	M	-	FILL No PACM, staining or odour.
					-	FILL: Sandy CLAY, low plasticity, brown/grey.	PID=1.4 TP218 0.1-0.2 PID=1.3 TP218 0.1-0.4	M	-	
			0.5		Cl	Silty CLAY, medium plasticity, orange tan mottling.	TP218 0.4-0.5	M	-	NATURAL
						Test Pit TP218 terminated at 0.7m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7E **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ/JC
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, low plasticity, brown, with gravel.	TP219 0.0-0.1 PID=0.1	M	-	FILL No PACM, staining or odour.
					CI	Silty CLAY, medium plasticity, orange mottled tan.	TP219 0.1-0.3	M	-	NATURAL
			0.5				TP219 0.3-0.4 PID=0.7			
						Test Pit TP219 terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7F **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, low plasticity, dark brown.	TP226 0.0-0.1 PID=2.3	M	-	FILL No PACM, staining or odour.
					-	FILL: Silty CLAY, low to medium plasticity, grey mottled orange.		M	-	
			0.5				TP226 0.4-0.5 PID=0.9			
			1.0		Cl	Silty CLAY, medium plasticity, light brown mottled orange.	TP226 0.9-1.0	M	-	NATURAL
						Test Pit TP226 terminated at 1.2m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: CLAY, medium to high plasticity, light brown mottled white, grey, orange, trace concrete and brick.	TP228 0.0-0.1 PID=0.5	M	S - F	FILL No PACM, staining or odour.
			0.5			Test Pit TP228 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP229
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Gravelly SAND, medium to coarse grained, brown.	TP229 0.0-0.1 TP229 0.1-0.2	M	-	FILL Frequent PACM observed at 0.1m, no odours or staining.
					CI-CH	CLAY, medium to high plasticity, yellowish-brown.		M	-	NATURAL
			0.5			Test Pit TP229 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP230
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 27/03/2023
Project: Supplementary Contamination Assessment **Finished:** 27/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty Clayey SAND, fine to medium grained, with glass.	TP230 0.0-0.1 TP230 0.1-0.2	M	L	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, yellowish-brown.		M	-	NATURAL
			0.5			Test Pit TP230 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP231
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, low to medium plasticity, brown, trace brick and roof tile.	TP231 0.0-0.1	M	-	FILL PACM to surface only, no odours or staining.
					CI-CH	CLAY, medium to high plasticity, yellowish-brown.		M	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP231 terminated at 0.3m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP232
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, low to medium plasticity, brown, trace brick, roof tile, and wood.	TP232 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, yellowish-brown.		M	-	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP232 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP233
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy CLAY, low to medium plasticity, brown, trace brick, roof tile, and wood.	TP233 0.0-0.1	M	-	FILL No PACM, staining or odour.
			0.5		-	Weathered Shale, grey.		-	-	WEATEHRED ROCK
						Test Pit TP233 terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP234
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1
Started: 29/03/2023
Project: Supplementary Contamination Assessment
Finished: 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6G
Test Pit Size: 0.45 m

Rig Type: 8T Excavator
Hole Coordinates E, N
Driller: Wayne
Logged: SW
RL Surface: m
Contractor: Ken Coles Excavations
Bearing: ---
Checked: TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Sandy GRAVEL, angular to rounded, crushed rock, dark grey, trace brick and concrete.	TP234 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CI-CH	CLAY, medium to high plasticity, orange red.		M	F - St	NATURAL No PACM, staining or odour.
			0.5			Test Pit TP234 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP235
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SJ
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Gravelly Sandy CLAY, low to medium plasticity, brown.	TP235 0.0-0.1	M	-	FILL No PACM, staining or odour.
					-	FILL: Gravelly Silty CLAY, medium plasticity, brown, with geo-fabric layer, approximately 50% brick, tile and concrete.		M	-	
			0.5				TP235 0.4-0.5 TP235 0.1-1.0			
			1.0		Cl	Silty CLAY, medium plasticity, orange brown.	TP235 0.9-1.0	M	-	NATURAL
			1.5			Test Pit TP235 terminated at 1.3m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP70
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, dark grey, some rootlets.	TP70 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CL	CLAY, low plasticity, reddish brown.		D	St	NATURAL
			0.5			Test Pit TP70 terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP70A
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, dark grey, some rootlets.	TP70A 0.0-0.1 TP70A 0.1-0.2	M	-	FILL No PACM, staining or odour.
			0.5		CL	CLAY, low plasticity, reddish brown.		D	St	NATURAL
						Test Pit TP70A terminated at 0.5m				

1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5

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TP No: TP70B
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, dark grey, some angular rock and rootlets.	TP70B 0.0-0.1 TP70B 0.1-0.2	M	-	FILL No PACM, staining or odour.
			0.5		CL	CLAY, low plasticity, reddish brown.		D	St	NATURAL
						Test Pit TP70B terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP70C
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, dark grey, some rootlets.	TP70C 0.0-0.1 TP70C 0.1-0.2	M	-	FILL No PACM, staining or odour.
			0.5		CL	CLAY, low plasticity, reddish brown.		D	St	NATURAL
						Test Pit TP70C terminated at 0.5m				

1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5

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TP No: TP70D
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, dark grey, some rootlets.	TP70D 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CL	CLAY, low plasticity, reddish brown.		D	St	NATURAL
			0.5			Test Pit TP70D terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP70E
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, dark grey, some rootlets.	TP70E 0.0-0.1	M	-	FILL
						0.1m: trace shale and old plastic pipe.	TP70E 0.1-0.2			No PACM, staining or odour.
			0.5		CL	CLAY, low plasticity, reddish brown.		D	St	NATURAL
						Test Pit TP70E terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP70F
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, dark grey, some rootlets, trace plastic.	TP70F 0.0-0.1 TP70F 0.1-0.2	M	-	FILL No PACM, staining or odour.
			0.5		CL	CLAY, low plasticity, reddish brown.		D	St	NATURAL
						Test Pit TP70F terminated at 0.5m				

1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5

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TP No: TP70G
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, dark grey, some rootlets, trace plastic and concrete.	TP70G 0.0-0.1 TP70G 0.1-0.2	-	-	FILL No PACM, staining or odour.
			0.5		CL	CLAY, low plasticity, reddish brown.		D	St	NATURAL
						Test Pit TP70G terminated at 0.5m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: TP70H
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 6B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Wayne **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, dark grey, some rootlets, trace fine brick.	TP70H 0.0-0.1	M	-	FILL No PACM, staining or odour.
					CL	CLAY, low plasticity, reddish brown.		D	St	NATURAL
			0.5			Test Pit TP70H terminated at 0.4m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: Trench 1A
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Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7B **Test Pit Size:** 0.45 m
Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples / Tests / Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low to medium plasticity, brown.	Trench1A 0.0-0.1 Trench1A 0.1-0.4	-	-	FILL PACM observed at 0.1m, no odour or staining.
			0.5		CL-CI	Silty CLAY, low to medium plasticity, orangey brown.		M	-	NATURAL
			1.0			Test Pit Trench 1A terminated at 0.9m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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TP No: Trench 1B
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Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE				-	FILL: Silty CLAY, low to medium plasticity, brown.	Trench1B 0.0-0.1 Trench1B 0.1-0.25	-	-	FILL No PACM, staining or odour.
			0.5		CL-CI	Silty CLAY, low to medium plasticity, orangey brown.		M	-	NATURAL
						Test Pit Trench 1B terminated at 0.6m				
			1.0							
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

1. NON CORED BOREHOLE 13546.GPJ GINT STD AUSTRALIA.GDT 19/4/23

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T: 1800 288 188
E: office@allgeo.com.au
W: www.allgeo.com.au

TP No: Trench 2
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.5		-	FILL: Silty CLAY, low to medium plasticity, brown.		-	-	FILL PACM observed at 0.0-0.1m, no odour or staining. 0.1m: Demolition waste.
			1.0		CL-CI	Silty CLAY, low to medium plasticity, orangey brown.		M	-	NATURAL
						Test Pit Trench 2 terminated at 1m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

1. NON CORED BOREHOLE 13546.GPJ GINT STD AUSTRALIA.GDT 19/4/23

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T: 1800 288 188
E: office@allgeo.com.au
W: www.allgeo.com.au

TP No: Trench 3
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 29/03/2023
Project: Supplementary Contamination Assessment **Finished:** 29/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** GS/SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.5		-	FILL: Silty CLAY, low to medium plasticity, brown.		-	-	FILL No PACM, staining or odour.
			1.0		CL-CI	Silty CLAY, low to medium plasticity, orangey brown.		M	-	NATURAL
						Test Pit Trench 3 terminated at 1m				
			1.5							
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

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Alliance Geotechnical Pty Ltd
T: 1800 288 188
E: office@allgeo.com.au
W: www.allgeo.com.au

TP No: Trench 4
Sheet: 1 of 1
Job No: 13546

Test Pit Log

Client: ESR Investment Management 2 (Australia) Pty Ltd ATF KC Trust No.1 **Started:** 28/03/2023
Project: Supplementary Contamination Assessment **Finished:** 28/03/2023
Location: 290-308 Aldington Rd & 59-63 Abbotts Rd, Kemps Creek NSW **Hole Location:** Refer to Figure 7B **Test Pit Size:** 0.45 m

Rig Type: 8T Excavator **Hole Coordinates** E, N **Driller:** Andrew **Logged:** SW
RL Surface: m **Contractor:** Ken Coles Excavations **Bearing:** --- **Checked:** TPR

Method	Water	RL (m)	Depth (m)	Graphic Log	Classification Symbol	Material Description	Samples Tests Remarks	Moisture Condition	Consistency/ Density Index	Additional Observations
E	NE		0.5		-	FILL: Sandy CLAY, low to medium plasticity, brown, trace rootlets.		W	-	FILL No PACM, staining or odour.
			1.0		-	FILL: Tyres.		W	-	
			1.5			Test Pit Trench 4 terminated at 1.3m				
			2.0							
			2.5							
			3.0							
			3.5							
			4.0							
			4.5							

APPENDIX B – Previous Contamination Assessment Laboratory Summary Tables

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Table 1
Asbestos Soil Quantification Results
13546-ER-1-1

Sample ID	Date Sampled	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL A - FA/AF	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL A - Bonded ACM	Laboratory Results			On-site gravimetric results			
				Asbestos Detected/ Non-Detected	Percentage of AF/FA <7mm, %w/w	Percentage of Bonded ACM >7mm (500ml), %w/w	Weight of Sample (10L), kg	Onsite weight of ACM fragment >7mm, kg	Laboratory weight of ACM fragment >7mm, kg	Percentage of Bonded ACM >7mm (10L), %w/w
TP1 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.5	-	-	-
TP2 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.8	-	-	-
TP3 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.7	-	-	-
TP4 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.8	-	-	-
TP5 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.9	-	-	-
TP6 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.1	-	-	-
TP7 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.8	-	-	-
TP8 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.1	-	-	-
TP9 0.0-0.1	6/10/2021	0.001%	0.05%	**Chrysotile asbestos detected.**	-	-	14.7	0.056	-	0.0571%
TP10 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.9	-	-	-
TP11 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.2	-	-	-
TP12 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.4	-	-	-
TP14 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.1	-	-	-
TP15 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.2	-	-	-
TP16 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.7	-	-	-
TP17 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.4	-	-	-
TP18 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.2	-	-	-
TP19 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.2	-	-	-
TP20 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	6.8	-	-	-
TP21 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.5	-	-	-
TP22 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.8	-	-	-
TP23 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.6	-	-	-
TP24 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.4	-	-	-
TP25 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.4	-	-	-
TP26 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.8	-	-	-
DR01 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.5	-	-	-
DR02 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.9	-	-	-
DR03 0.0-0.1	6/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.5	-	-	-
DR04 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.8	-	-	-
DR05 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.2	-	-	-
DR06 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.2	-	-	-
DR07 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.6	-	-	-
DR08 0.0-0.1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.5	-	-	-
SP1-1	7/10/2021	0.001%	0.05%	No asbestos detected.	-	-	7.6	-	-	-

Legend

Highlighted concentration exceeds the adopted site criteria - Asbestos Health Screening Level (w/w) - NEPM ASC 2013 AF/FA

Highlighted concentration exceeds the adopted site criteria - Asbestos Health Screening Level (w/w) - NEPM ASC 2013 Bonded ACM

ACM Asbestos Containing Material

FA and AF Fibrous Asbestos and Asbestos Fines

- No published criteria or sample not analysed

NL Not Limiting

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Table 1
Asbestos Soil Quantification Results
13546-ER-1-1

Sample ID	Date Sampled	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL A - FA/AF	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL A - Bonded ACM	Laboratory Results			On-site gravimetric results			
				Asbestos Detected/ Non-Detected	Percentage of AF/FA <7mm, %w/w	Percentage of Bonded ACM >7mm (500ml), %w/w	Weight of Sample (10L), kg	Onsite weight of ACM fragment >7mm, kg	Laboratory weight of ACM fragment >7mm, kg	Percentage of Bonded ACM >7mm (10L), %w/w
TP13-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.			15.6			
TP27-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.1	-	-	-
TP28-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.3	-	-	-
TP29-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.2	-	-	-
TP30-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.8	-	-	-
TP31-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	12.6	-	-	-
TP32-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.3	-	-	-
TP33-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	11.2	-	-	-
TP34-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.1	-	-	-
TP35-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.2	-	-	-
TP36-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.3	-	-	-
TP37-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.4	-	-	-
TP38-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.3	-	-	-
TP39-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.8	-	-	-
TP40-0.0-0.1	8/10/2021	0.001%	0.05%	No asbestos detected.	-	-	12.2	-	-	-
TP41 0.0-0.1	12/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.3	-	-	-
TP42 0.0-0.1	12/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.4	-	-	-
TP43 0.0-0.1	12/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.0	-	-	-
TP44 0.0-0.1	12/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.9	-	-	-
DR11 0.0-0.1	13/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.1	-	-	-
DR12 0.0-0.1	13/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.5	-	-	-
DR13 0.0-0.1	13/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.6	-	-	-
DR14 0.0-0.1	13/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.9	-	-	-
ASB10 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.2	-	-	-
TP50 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.6	-	-	-
TP50 0.1-0.4	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.3	-	-	-
ASB11 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.6	-	-	-
TP51 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.6	-	-	-
TP51 0.1-1.0	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.9	-	-	-
TP51 1.0-2.0	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.2	-	-	-
TP51 2.0-2.5	15/10/2021	0.001%	0.05%	**Chrysotile asbestos detected.**	-	-	17.1	0.22	-	0.1930%
ASB12 0.0-0.1	15/10/2021	0.001%	0.05%	**Chrysotile and Amosite asbestos detected.**	-	1.110%	14.9	0.58	0.008	0.5839%
ASB12 0.1-1.0	15/10/2021	0.001%	0.05%	**Chrysotile and Amosite asbestos detected.**	0.0025	1.800%	14.1	1.63	0.001	1.7340%
ASB12 1.0-2.0	15/10/2021	0.001%	0.05%	**Chrysotile asbestos detected.**	0.0040	0.770%	18.0	1.25	0.007	1.0417%
ASB13 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.5	-	-	-
ASB13 0.1-1.0	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.0	-	-	-
TP52 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.4	-	-	-
TP52 0.1-1.0	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.2	-	-	-
TP52 1.0-2.0	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.6	-	-	-
TP52 2.0-2.5	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.7	-	-	-
TP53 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.7	-	-	-
ASB14 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.2	-	-	-
TP54 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.7	-	-	-
TP54 0.1-1.0	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.4	-	-	-
TP54 1.0-2.0	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.8	-	-	-
TP54 2.0-2.5	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.2	-	-	-
ASB15 0.0-0.1	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.3	-	-	-
ASB15 0.1-1.0	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.6	-	-	-
ASB15 1.0-2.0	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.7	-	-	-

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Table 1
Asbestos Soil Quantification Results
13546-ER-1-1

Sample ID	Date Sampled	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL A - FA/AF	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL A - Bonded ACM	Laboratory Results			On-site gravimetric results			
				Asbestos Detected/ Non-Detected	Percentage of AF/FA <7mm, %w/w	Percentage of Bonded ACM >7mm (500ml), %w/w	Weight of Sample (10L), kg	Onsite weight of ACM fragment >7mm, kg	Laboratory weight of ACM fragment >7mm, kg	Percentage of Bonded ACM >7mm (10L), %w/w
ASB15 2.0-2.5	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.5	-	-	-
TP61 0.0-0.1	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.4	-	-	-
TP61 0.1-1.0	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.0	-	-	-
TP62 0.0-0.1	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.8	-	-	-
TP63 0.0-0.1	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.9	-	-	-
TP64 0.0-0.1	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.2	-	-	-
TP65 0.0-0.1	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.2	-	-	-
TP66 0.0-0.1	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.8	-	-	-
SP3-1	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.7	-	-	-
SP3-2	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.1	-	-	-
DR15 0.0-0.1	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.5	-	-	-
TP141 0.0-0.1	18/10/2021	0.001%	0.05%	**Chrysotile, amosite, and crocidolite asbestos detected**	-	-	13.6	0.017	0.017	0.0188%
TP141 0.1-1.0	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.2	-	-	-
TP141 1.0-1.5	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	16.6	-	-	-
TP142 0.0-0.1	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.9	-	-	-
TP142 0.1-1.0	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.0	-	-	-
TP142 1.0-1.5	18/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.7	-	-	-
DR16 0.0-0.1	19/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.6	-	-	-
DR17 0.0-0.1	19/10/2021	0.001%	0.05%	No asbestos detected.	-	-	15.2	-	-	-
DW22	19/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.4	-	-	-
DW23	19/10/2021	0.001%	0.05%	**Chrysotile and amosite asbestos detected.**	-	-	14.7	0.115	0.057	0.1173%
TP70 0.0-0.1	19/10/2021	0.001%	0.05%	**Chrysotile asbestos detected.**	0.00300%	-	14.6	-	-	-
TP71 0.0-0.1	19/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.8	-	-	-
TP95 0.0-0.1	19/10/2021	0.001%	0.05%	No asbestos detected.	-	-	10.4	-	-	-
TP120 0.0-0.1	20/10/2021	0.001%	0.05%	No asbestos detected.	-	-	14.7	-	-	-
TP125 0.0-0.1	20/10/2021	0.001%	0.05%	No asbestos detected.	-	-	13.6	-	-	-
DS13	22/10/2021	0.001%	0.05%	No asbestos detected.	-	-	17.9	0.022	-	0.0184%
DS14	22/10/2021	0.001%	0.05%	No asbestos detected.	-	-	18.6	-	-	-
DS12	15/10/2021	0.001%	0.05%	No asbestos detected.	-	-	18.8	-	-	-
TP51 2.0-2.5 ASB	15/10/2021	-	-	**Chrysotile asbestos detected.**	-	-	-	0.22	-	-
ASB12 0.0-0.1 ASB	15/10/2021	-	-	**Chrysotile asbestos detected.**	-	-	-	0.58	-	-
ASB12 0.1-1.0 ASB	15/10/2021	-	-	**Chrysotile asbestos detected.**	-	-	-	1.63	-	-
ASB12 1.0-2.0 ASB	15/10/2021	-	-	**Chrysotile asbestos detected.**	-	-	-	1.25	-	-
TP61 ASB	18/10/2021	-	-	**Chrysotile asbestos detected.**	-	-	-	-	0.182	-
TP141 0.0-0.1 ASB	18/10/2021	-	-	**Chrysotile, amosite, and crocidolite asbestos detected**	-	-	-	0.017	0.017	-
DW23 ASB	19/10/2021	-	-	**Chrysotile and amosite asbestos detected.**	-	-	-	0.115	0.057	-
DS13 ASB	22/10/2021	-	-	**Chrysotile asbestos detected.**	-	-	-	0.022	0.022	
TP43 0.0-0.1 ASB	12/10/2021	-	-	No asbestos detected.	-	-	-	0.02	-	-
TP09 0.0-0.1 ASB	7/10/2021	-	-	**Chrysotile asbestos detected.**	-	-	-	0.056	-	-
TP18 0.0-0.1 ASB	7/10/2021	-	-	No asbestos detected.	-	-	-	0.02	-	-
TP22 0.0-0.1 ASB	7/10/2021	-	-	No asbestos detected.	-	-	-	0.09	-	-
TP26 0.0-0.1 ASB	7/10/2021	-	-	No asbestos detected.	-	-	-	0.01	-	-

Table 2. RPD Table 290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW 13018-ER-1-1			Sample ID Reference Date Sampled Sample Matrix	DR02 0.2-0.4 S21-Oc38572 7/10/2021 SOIL	BD1 S21-Oc38475 7/10/2021 SOIL		BD1 S21-Oc38475 7/10/2021 SOIL	BT1 ES2137883001 7/10/2021 SOIL		TP23 0.0-0.1 S21-Oc38448 7/10/2021 SOIL	BD2 S21-Oc38476 7/10/2021 SOIL		BD2 S21-Oc38476 7/10/2021 SOIL	BT2 ES2137883002 7/10/2021 SOIL		TP47 0.0-0.1 S21-Oc38620 7/10/2021 SOIL	BD3 S21-Oc38492 7/10/2021 SOIL	
Group	**Analyte**	**Units**	**LOR**			**RPD (%)**			**RPD (%)**			**RPD (%)**			**RPD (%)**			**RPD (%)**
Metals	Arsenic	mg/kg	5	**11.0**	**10.0**	**10**	**10.0**	**10.0**	**0**	**15.0**	-	**n/a**	-	-	n/a	**9.5**	**15.0**	**45**
	Cadmium	mg/kg	0.4/1	< 0.4	< 0.4	n/a	< 0.4	<1	n/a	< 0.4	-	n/a	-	-	n/a	< 0.4	< 0.4	n/a
	Chromium	mg/kg	2	**23**	**23**	**0**	**23**	**21**	**9**	**25**	-	**n/a**	-	-	n/a	**29**	**36**	**22**
	Copper	mg/kg	5	**34**	**28**	**19**	**28**	**22**	**24**	**27**	-	**n/a**	-	-	n/a	**29**	**40**	**32**
	Lead	mg/kg	5	**40**	**27**	**39**	**27**	**36**	**29**	**25**	-	**n/a**	-	-	n/a	**21**	**30**	**35**
	Mercury	mg/kg	0.1	< 0.1	< 0.1	n/a	< 0.1	<0.1	n/a	< 0.1	-	n/a	-	-	n/a	< 0.1	< 0.1	n/a
	Nickel	mg/kg	2	**14**	**15**	**7**	**15**	**19**	**24**	**23**	-	**n/a**	-	-	n/a	**25**	**30**	**18**
	Zinc	mg/kg	5	**58**	**59**	**2**	**59**	**51**	**15**	**120**	-	**n/a**	-	-	n/a	**120**	**220**	**59**
TRH	TRH C6-C9 (F1)	mg/kg	10/20	<20	<20	n/a	<20	<10	n/a	<20	-	n/a	-	-	n/a	<20	<20	n/a
	TRH C10-C16 (F2)	mg/kg	50	<50	<50	n/a	<50	<50	n/a	<50	-	n/a	-	-	n/a	<50	<50	n/a
	TRH C16-C34 (F3)	mg/kg	100	<100	<100	n/a	<100	<100	n/a	<100	-	n/a	-	-	n/a	**1000**	<100	**181**
	TRH C34-C40 (F4)	mg/kg	100	<100	<100	n/a	<100	<100	n/a	<100	-	n/a	-	-	n/a	**180**	<100	**113**
BTEXN	Benzene	mg/kg	0.1/0.2	<0.1	<0.1	n/a	<0.1	<0.2	n/a	<0.1	-	n/a	-	-	n/a	<0.1	<0.1	n/a
	Toluene	mg/kg	0.1/0.5	<0.1	<0.1	n/a	<0.1	<0.5	n/a	<0.1	-	n/a	-	-	n/a	<0.1	<0.1	n/a
	Ethylbenzene	mg/kg	0.1/0.5	<0.1	<0.1	n/a	<0.1	<0.5	n/a	<0.1	-	n/a	-	-	n/a	<0.1	<0.1	n/a
	Total Xylene	mg/kg	0.3/0.5	<0.3	<0.3	n/a	<0.3	<0.5	n/a	<0.3	-	n/a	-	-	n/a	<0.3	<0.3	n/a
	Naphthalene	mg/kg	0.5/1	<0.5	<0.5	n/a	<0.5	<1	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
PCB	Total PCB	mg/kg	0.1	-	-	n/a	-	-	n/a	-	<0.1	n/a	<0.1	<0.1	n/a	-	-	n/a
PAH	Naphthalene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Acenaphthylene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Acenaphthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Fluorene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Phenanthrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Anthracene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Fluoranthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Pyrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benz(a)anthracene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Chrysene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(b+j)fluoranthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(k)fluoranthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(a)pyrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Indeno(1,2,3,cd)pyrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Dibenz(a,h)anthracene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(g,h,i)perylene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Total PAH	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(a)pyrene TEQ (zero)	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(a)pyrene TEQ (half LOR)	mg/kg	0.5	0.6	0.6	n/a	0.6	0.6	n/a	0.6	-	n/a	-	-	n/a	0.6	0.6	n/a
	Benzo(a)pyrene TEQ (LOR)	mg/kg	0.5	1.2	1.2	n/a	1.2	1.2	n/a	1.2	-	n/a	-	-	n/a	1.2	1.2	n/a
OCP	alpha-BHC	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Hexachlorobenzene (HCB)	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	beta-BHC	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	gamma-BHC	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	delta-BHC	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Heptachlor	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Aldrin	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Heptachlor epoxide	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Total Chlordane (sum)	mg/kg	0.05/1	-	-	n/a	-	-	n/a	-	<1	n/a	<1	<0.05	n/a	-	-	n/a
	trans-Chlordane	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	alpha-Endosulfan	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	cis-Chlordane	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Dieldrin	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	4,4`-DDE	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Endrin	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Endosulfan (sum)	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	beta-Endosulfan	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	4,4`-DDD	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Endrin aldehyde	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Endosulfan sulfate	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	4,4`-DDT	mg/kg	0.2/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.2	n/a	-	-	n/a
	Endrin ketone	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Methoxychlor	mg/kg	0.2/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.2	n/a	-	-	n/a
	Sum of DDD + DDE + DDT	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a
	Sum of Aldrin + Dieldrin	mg/kg	0.05/0.5	-	-	n/a	-	-	n/a	-	<0.5	n/a	<0.5	<0.05	n/a	-	-	n/a

RPD exceeding criteria

\- Not analysed

Table 2. RPD Table 290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW 13018-ER-1-1			Sample ID Reference Date Sampled Sample Matrix	BD3 S21-Oc38492 7/10/2021 SOIL	BT3 ES2137883003 7/10/2021 SOIL		TP63 0.0-0.1 S21-No36962 18/10/2021 SOIL	BD4 S21-No02584 18/10/2021 SOIL		BD4 S21-No02584 18/10/2021 SOIL	BT4 ES2139759001 18/10/2021 SOIL		TP120 0.0-0.1 S21-No02632 21/10/2021 SOIL	BD5 S21-No02657 21/10/2021 SOIL		BD5 21/10/2021 SOIL	BT5 ES2139759002 21/10/2021 SOIL	
Group	Analyte	Units	LOR			RPD (%)			RPD (%)			RPD (%)			RPD (%)			RPD (%)
Metals	Arsenic	mg/kg	5	**15.0**	<5	**143**	**8**	**11**	**35**	**11**	**9.0**	**20**	**5**	-	n/a	-	-	n/a
	Cadmium	mg/kg	0.4/1	< 0.4	<1	n/a	< 0.4	< 0.4	n/a	< 0.4	<1	n/a	< 0.4	-	n/a	-	-	n/a
	Chromium	mg/kg	2	**36**	**4**	**160**	**21**	**23**	**9**	**23**	**19**	**19**	**12**	-	n/a	-	-	n/a
	Copper	mg/kg	5	**40**	<5	**176**	**33**	**36**	**9**	**36**	**34**	**6**	**26**	-	n/a	-	-	n/a
	Lead	mg/kg	5	**30**	<5	**169**	**24**	**28**	**15**	**28**	**25**	**11**	**16**	-	n/a	-	-	n/a
	Mercury	mg/kg	0.1	< 0.1	<0.1	n/a	< 0.1	< 0.1	n/a	< 0.1	<0.1	n/a	< 0.1	-	n/a	-	-	n/a
	Nickel	mg/kg	2	**30**	<2	**187**	**17**	**20**	**16**	**20**	**17**	**16**	**9**	-	n/a	-	-	n/a
	Zinc	mg/kg	5	**220**	**11**	**181**	**56**	**71**	**24**	**71**	**53**	**29**	**360**	-	n/a	-	-	n/a
TRH	TRH C6-C9 (F1)	mg/kg	10/20	<20	<10	n/a	<20	<10	n/a	<10	<10	n/a	<10	-	n/a	-	-	n/a
	TRH C10-C16 (F2)	mg/kg	50	<50	<50	n/a	<50	<50	n/a	<50	<50	n/a	<50	-	n/a	-	-	n/a
	TRH C16-C34 (F3)	mg/kg	100	<100	<100	n/a	<100	<100	n/a	<100	<100	n/a	<100	-	n/a	-	-	n/a
	TRH C34-C40 (F4)	mg/kg	100	<100	<100	n/a	<100	<100	n/a	<100	<100	n/a	<100	-	n/a	-	-	n/a
BTEXN	Benzene	mg/kg	0.1/0.2	<0.1	<0.2	n/a	<0.1	<0.2	n/a	<0.2	<0.2	n/a	<0.2	-	n/a	-	-	n/a
	Toluene	mg/kg	0.1/0.5	<0.1	<0.5	n/a	<0.1	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Ethylbenzene	mg/kg	0.1/0.5	<0.1	<0.5	n/a	<0.1	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Total Xylene	mg/kg	0.3/0.5	<0.3	<0.5	n/a	<0.3	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Naphthalene	mg/kg	0.5/1	<0.5	<1	n/a	<0.5	<1	n/a	<1	<1	n/a	<1	-	n/a	-	-	n/a
PCB	Total PCB	mg/kg	0.1	-	<0.1	n/a	-	-	n/a	-	-	n/a	<0.1	<0.1	n/a	<0.1	<0.1	n/a
PAH	Naphthalene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Acenaphthylene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Acenaphthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Fluorene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Phenanthrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Anthracene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Fluoranthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Pyrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Benz(a)anthracene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Chrysene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Benzo(b+j)fluoranthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Benzo(k)fluoranthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Benzo(a)pyrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Indeno(1.2.3.cd)pyrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Dibenz(a.h)anthracene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Benzo(g.h.i)perylene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Total PAH	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Benzo(a)pyrene TEQ (zero)	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a
	Benzo(a)pyrene TEQ (half LOR)	mg/kg	0.5	0.6	0.6	n/a	0.6	0.6	n/a	0.6	0.6	n/a	0.6	-	n/a	-	-	n/a
	Benzo(a)pyrene TEQ (LOR)	mg/kg	0.5	1.2	1.2	n/a	1.2	1.2	n/a	1.2	1.2	n/a	1.2	-	n/a	-	-	n/a
OCP	alpha-BHC	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Hexachlorobenzene (HCB)	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	beta-BHC	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	gamma-BHC	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	delta-BHC	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Heptachlor	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Aldrin	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Heptachlor epoxide	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Total Chlordane (sum)	mg/kg	0.05/1	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.1	<0.1	n/a	<0.1	<0.05	n/a
	trans-Chlordane	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	alpha-Endosulfan	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	cis-Chlordane	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Dieldrin	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	4.4'-DDE	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Endrin	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Endosulfan (sum)	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	beta-Endosulfan	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	4.4'-DDD	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Endrin aldehyde	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Endosulfan sulfate	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	4.4'-DDT	mg/kg	0.2/0.5	-	<0.2	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.2	n/a
	Endrin ketone	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Methoxychlor	mg/kg	0.2/0.5	-	<0.2	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.2	n/a
	Sum of DDD + DDE + DDT	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a
	Sum of Aldrin + Dieldrin	mg/kg	0.05/0.5	-	<0.05	n/a	-	-	n/a	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a

RPD exceeding criteria

- Not analysed

Table 2. RPD Table
290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW
13018-ER-1-1

Group	Analyte	Units	LOR	Sample ID Reference Date Sampled Sample Matrix	TP27-0.0-0.2 S21-Oc38511 8/10/2021 SOIL	BD6 S21-Oc49312 22/11/2021 SOIL	RPD (%)	BD6 S21-Oc49312 22/11/2021 SOIL	BT6 ES2138446001 22/10/2021 SOIL	RPD (%)	SP1-1 S21-Oc38460 7/10/2021 SOIL	BD7 S21-Oc49313 22/10/2021 SOIL	RPD (%)	BD7 S21-Oc49313 22/10/2021 SOIL	BT7 ES2138446002 22/10/2021 SOIL	RPD (%)	TP50 0.0-0.1 S21-No02560 15/10/2021 SOIL	BD8 S21-Oc49314 22/10/2021 SOIL	RPD (%)
Metals	Arsenic	mg/kg	5		**9.9**	**6.6**	**40**	**6.6**	**7.0**	**6**	**3.3**	-	**n/a**	-	-	n/a	**11**	**6.5**	**51**
	Cadmium	mg/kg	0.4/1		< 0.4	< 0.4	n/a	< 0.4	<1	n/a	< 0.4	-	n/a	-	-	n/a	< 0.4	< 0.4	n/a
	Chromium	mg/kg	2		**20**	**15**	**29**	**15**	**16**	**6**	**10**	-	**n/a**	-	-	n/a	**25**	**14**	**56**
	Copper	mg/kg	5		**36**	**42**	**15**	**42**	**52**	**21**	**260**	-	**n/a**	-	-	n/a	**42**	**22**	**63**
	Lead	mg/kg	5		**25**	**20**	**22**	**20**	**22**	**10**	**12**	-	**n/a**	-	-	n/a	**34**	**19**	**57**
	Mercury	mg/kg	0.1		< 0.1	< 0.1	n/a	< 0.1	<0.1	n/a	< 0.1	-	n/a	-	-	n/a	< 0.1	< 0.1	n/a
	Nickel	mg/kg	2		**21**	**16**	**27**	**16**	**17**	**6**	**15**	-	**n/a**	-	-	n/a	**20**	**11**	**58**
	Zinc	mg/kg	5		**120**	**120**	**0**	**120**	**122**	**2**	**1000**	-	**n/a**	-	-	n/a	**170**	**70**	**83**
TRH	TRH C6-C9 (F1)	mg/kg	10/20		<20	<20	n/a	<20	<10	n/a	<20	-	n/a	-	-	n/a	<20	<20	n/a
	TRH C10-C16 (F2)	mg/kg	50		<50	<50	n/a	<50	<50	n/a	<50	-	n/a	-	-	n/a	<50	<50	n/a
	TRH C16-C34 (F3)	mg/kg	100		<100	**200.00**	**120**	**200.00**	<100	**120**	**430.00**	-	**n/a**	-	-	n/a	**170**	<100	n/a
	TRH C34-C40 (F4)	mg/kg	100		<100	<100	n/a	<100	<100	n/a	**180.00**	-	**n/a**	-	-	n/a	**190**	<100	n/a
BTEXN	Benzene	mg/kg	0.1/0.2		<0.1	<0.1	n/a	<0.1	<0.2	n/a	<0.1	-	n/a	-	-	n/a	<0.1	<0.1	n/a
	Toluene	mg/kg	0.1/0.5		<0.1	<0.1	n/a	<0.1	<0.5	n/a	<0.1	-	n/a	-	-	n/a	<0.1	<0.1	n/a
	Ethylbenzene	mg/kg	0.1/0.5		<0.1	<0.1	n/a	<0.1	<0.5	n/a	<0.1	-	n/a	-	-	n/a	<0.1	<0.1	n/a
	Total Xylene	mg/kg	0.3/0.5		<0.3	<0.3	n/a	<0.3	<0.5	n/a	<0.3	-	n/a	-	-	n/a	<0.3	<0.3	n/a
	Naphthalene	mg/kg	0.5/1		<0.5	<0.5	n/a	<0.5	<1	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
PCB	Total PCB	mg/kg	0.1		-	-	n/a	-	-	n/a	<1	<1	n/a	<1	<0.1	n/a	<0.1	-	n/a
PAH	Naphthalene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Acenaphthylene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Acenaphthene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Fluorene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Phenanthrene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Anthracene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Fluoranthene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Pyrene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benz(a)anthracene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Chrysene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(b+j)fluoranthene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(k)fluoranthene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(a)pyrene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Indeno(1.2.3.cd)pyrene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Dibenz(a.h)anthracene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(g.h.i)perylene	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Total PAH	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(a)pyrene TEQ (zero)	mg/kg	0.5		<0.5	<0.5	n/a	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a
	Benzo(a)pyrene TEQ (half LOR)	mg/kg	0.5		0.6	0.6	n/a	0.6	0.6	n/a	0.6	-	n/a	-	-	n/a	0.6	0.6	n/a
	Benzo(a)pyrene TEQ (LOR)	mg/kg	0.5		1.2	1.2	n/a	1.2	1.2	n/a	1.2	-	n/a	-	-	n/a	1.2	1.2	n/a
OCP	alpha-BHC	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Hexachlorobenzene (HCB)	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	beta-BHC	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	gamma-BHC	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	delta-BHC	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Heptachlor	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Aldrin	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Heptachlor epoxide	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Total Chlordane (sum)	mg/kg	0.05/1		-	-	n/a	-	-	n/a	<1	<0.05	n/a	<1	<0.05	n/a	<1	-	n/a
	trans-Chlordane	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	alpha-Endosulfan	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	cis-Chlordane	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Dieldrin	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	4.4'-DDE	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Endrin	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Endosulfan (sum)	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	beta-Endosulfan	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	4.4'-DDD	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Endrin aldehyde	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Endosulfan sulfate	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	4.4'-DDT	mg/kg	0.2/0.5		-	-	n/a	-	-	n/a	<0.5	<0.2	n/a	<0.5	<0.2	n/a	<0.5	-	n/a
	Endrin ketone	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Methoxychlor	mg/kg	0.2/0.5		-	-	n/a	-	-	n/a	<0.5	<0.2	n/a	<0.5	<0.2	n/a	<0.5	-	n/a
	Sum of DDD + DDE + DDT	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a
	Sum of Aldrin + Dieldrin	mg/kg	0.05/0.5		-	-	n/a	-	-	n/a	<0.5	<0.05	n/a	<0.5	<0.05	n/a	<0.5	-	n/a

RPD exceeding criteria
- Not analysed

Table 2. RPD Table
290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW
13018-ER-1-1

			Sample ID	BD8	BT8		TP54 0.0-0.1	BD9		BD9	BT9		TP125 0.0-0.1	BD10		BD10	BT10	
			Reference	S21-Oc49314	ES2138446003		S21-No02569	S21-Oc49315		S21-Oc49315	ES2138446004		S21-No02635	S21-Oc49316		S21-Oc49316	ES2138446005	
			Date Sampled	22/10/2021	22/10/2021		15/10/2021	22/10/2021		22/10/2021	22/10/2021		20/10/2021	22/10/2021		22/10/2021	22/10/2021	
			Sample Matrix	SOIL	SOIL		SOIL	SOIL		SOIL	SOIL		SOIL	SOIL		SOIL	SOIL	
Group	Analyte	Units	LOR			RPD (%)			RPD (%)			RPD (%)			RPD (%)			RPD (%)
Metals	Arsenic	mg/kg	5	**6.5**	**8.0**	**21**	**10**	-	n/a	-	-	n/a	**14**	**10.0**	**33**	**10.0**	**11.0**	**10**
	Cadmium	mg/kg	0.4/1	< 0.4	<1	n/a	< 0.4	-	n/a	-	-	n/a	< 0.4	< 0.4	n/a	< 0.4	<1	n/a
	Chromium	mg/kg	2	**14**	**17**	**19**	**17**	-	n/a	-	-	n/a	**21**	**16**	**27**	**16**	**16**	**0**
	Copper	mg/kg	5	**22**	**32**	**37**	**25**	-	n/a	-	-	n/a	**31**	**21**	**38**	**21**	**26**	**21**
	Lead	mg/kg	5	**19**	**24**	**23**	**22**	-	n/a	-	-	n/a	**25**	**17**	**38**	**17**	**20**	**16**
	Mercury	mg/kg	0.1	< 0.1	<0.1	n/a	< 0.1	-	n/a	-	-	n/a	< 0.1	< 0.1	n/a	< 0.1	<0.1	n/a
	Nickel	mg/kg	2	**11**	**13**	**17**	**14**	-	n/a	-	-	n/a	**23**	**15**	**42**	**15**	**18**	**18**
	Zinc	mg/kg	5	**70**	**82**	**16**	**69**	-	n/a	-	-	n/a	**63**	**39**	**47**	**39**	**42**	**7**
TRH	TRH C6-C9 (F1)	mg/kg	10/20	<20	<10	n/a	<20	-	n/a	-	-	n/a	<20	<20	n/a	<20	<10	n/a
	TRH C10-C16 (F2)	mg/kg	50	<50	<50	n/a	<50	-	n/a	-	-	n/a	<50	<50	n/a	<50	<50	n/a
	TRH C16-C34 (F3)	mg/kg	100	<100	<100	n/a	<100	-	n/a	-	-	n/a	<100	<100	n/a	<100	<100	n/a
	TRH C34-C40 (F4)	mg/kg	100	<100	<100	n/a	<100	-	n/a	-	-	n/a	<100	<100	n/a	<100	<100	n/a
BTEXN	Benzene	mg/kg	0.1/0.2	<0.1	<0.2	n/a	<0.1	-	n/a	-	-	n/a	<0.1	<0.1	n/a	<0.1	<0.2	n/a
	Toluene	mg/kg	0.1/0.5	<0.1	<0.5	n/a	<0.1	-	n/a	-	-	n/a	<0.1	<0.1	n/a	<0.1	<0.5	n/a
	Ethylbenzene	mg/kg	0.1/0.5	<0.1	<0.5	n/a	<0.1	-	n/a	-	-	n/a	<0.1	<0.1	n/a	<0.1	<0.5	n/a
	Total Xylene	mg/kg	0.3/0.5	<0.3	<0.5	n/a	<0.3	-	n/a	-	-	n/a	<0.3	<0.3	n/a	<0.3	<0.5	n/a
	Naphthalene	mg/kg	0.5/1	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.1	n/a
PCB	Total PCB	mg/kg	0.1	-	-	n/a	<0.1	<0.1	n/a	<0.1	<0.1	n/a	<0.1	-	n/a	-	-	n/a
PAH	Naphthalene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Acenaphthylene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Acenaphthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Fluorene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Phenanthrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Anthracene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Fluoranthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Pyrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Benz(a)anthracene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Chrysene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Benzo(b+j)fluoranthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Benzo(k)fluoranthene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Benzo(a)pyrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Indeno(1.2.3.cd)pyrene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Dibenz(a.h)anthracene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Benzo(g.h.i)perylene	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Total PAH	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Benzo(a)pyrene TEQ (zero)	mg/kg	0.5	<0.5	<0.5	n/a	<0.5	-	n/a	-	-	n/a	<0.5	<0.5	n/a	<0.5	<0.5	n/a
	Benzo(a)pyrene TEQ (half LOR)	mg/kg	0.5	0.6	0.6	n/a	0.6	-	n/a	-	-	n/a	0.6	0.6	n/a	0.6	0.6	n/a
	Benzo(a)pyrene TEQ (LOR)	mg/kg	0.5	1.2	1.2	n/a	1.2	-	n/a	-	-	n/a	1.2	1.2	n/a	1.2	1.2	n/a
OCP	alpha-BHC	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Hexachlorobenzene (HCB)	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	beta-BHC	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	gamma-BHC	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	delta-BHC	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Heptachlor	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Aldrin	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Heptachlor epoxide	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Total Chlordane (sum)	mg/kg	0.05/1	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	trans-Chlordane	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	alpha-Endosulfan	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	cis-Chlordane	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Dieldrin	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	4.4'-DDE	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Endrin	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Endosulfan (sum)	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	beta-Endosulfan	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	4.4'-DDD	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Endrin aldehyde	mg/kg	0.05/0.5	-	-	n/a	<0.05	**0.08**	**105**	**0.08**	<0.05	**105**	<0.05	-	n/a	-	-	n/a
	Endosulfan sulfate	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	4.4'-DDT	mg/kg	0.2/0.5	-	-	n/a	<0.2	<0.2	n/a	<0.2	<0.2	n/a	<0.2	-	n/a	-	-	n/a
	Endrin ketone	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Methoxychlor	mg/kg	0.2/0.5	-	-	n/a	<0.2	<0.2	n/a	<0.2	<0.2	n/a	<0.2	-	n/a	-	-	n/a
	Sum of DDD + DDE + DDT	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a
	Sum of Aldrin + Dieldrin	mg/kg	0.05/0.5	-	-	n/a	<0.05	<0.05	n/a	<0.05	<0.05	n/a	<0.05	-	n/a	-	-	n/a

RPD exceeding criteria
\- Not analysed

Table 3. Dam Water Analysis
290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW
Water Results & Adopted Site Criteria
13546-ER-2-1

							Sample ID	SW01	SW02	SW03	SW04	SW05	SW06	SW07	SW08	SW09	SW10	SW11	SW12	SW13	SW14	SW15	SW16	SW17	SW18	SW19	SW20
							Reference	S21-Oc38469	S21-Oc38470	S21-Oc38471	S21-Oc38472	S21-Oc38473	S21-Oc38474	S21-Oc38508	S21-Oc38509	S21-No02556	S21-No02557	S21-No02572	S21-No02573	S21-No02593	S21-No02594	S21-No02603	S21-No02604	S21-No02649	S21-No02650	S21-No02651	S21-No02652
							Date Sampled	7/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	13/10/2021	13/10/2021	15/10/2021	15/10/2021	18/10/2021	18/10/2021	18/10/2021	18/10/2021	19/10/2021	19/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021
							Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Group	Analyte	Units	PQL	Australian & New Zealand Guidelines for Fresh & Marine Water Quality (2000) 95% Level of Species Protection Guideline Value	ANZECC & ARMCANZ (2000) Recreational Water Quality (Secondary Contact)	Australian & New Zealand Guidelines for Fresh & Marine Water Quality (2000) Primary Industries — Rationale and Background Information	Data Set Minimum	Data Set Maximum																						
Metals	Arsenic, As	ug/L	1	13	-	-	2	31	4	22	6	13	2	6	9	12	3	29	13	31	3	3	2	3	31	7	2	6
	Cadmium, Cd	ug/L	0.2	0.2	-	-	<0.2	0.8	0.2	0.5	<0.2	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	0.3	<0.2	0.4	<0.2	<0.2	<0.2	<0.2	0.8	<0.2	<0.2	<0.2
	Chromium, Cr	ug/L	1	1	-	-	1	110	14	100	17	53	2	24	18	23	6	92	50	110	3	3	2	1	130	7	2	8
	Copper, Cu	ug/L	1	1.4	-	-	6	240	41	180	36	87	7	61	36	57	10	210	110	200	11	7	7	6	240	20	7	21
	Lead, Pb	ug/L	1	3.4	-	-	4	230	35	140	30	75	5	90	35	60	6	180	93	170	7	4	8	6	230	21	5	15
	Mercury (inorganic)	ug/L	0.1	0.6	-	-	<0.1	0.5	<0.1	0.4	<0.1	0.2	<0.1	0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	<0.1	<0.1
	Nickel, Ni	ug/L	1	11	-	-	3	110	12	64	15	42	4	32	21	28	6	78	68	100	7	4	3	3	110	10	3	12
	Zinc, Zn	ug/L	1	8	-	-	10	1500	91	520	68	180	10	150	69	120	20	520	220	1500	25	20	24	21	510	38	10	44
PAH	Acenaphthene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Acenaphthylene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Anthracene	ug/L	1	0.4	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Benzo(a)anthracene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Benzo(a)pyrene	ug/L	1	0.2	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Benzo(bk)fluoranthene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Benzo(ghi)perylene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Benzo(j)fluoranthene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Chrysene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Dibenzo(ah)anthracene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Fluoranthene	ug/L	1	1.4	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Fluorene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Indeno(1,2,3-cd)pyrene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Naphthalene	ug/L	1	16	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Phenanthrene	ug/L	1	2	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Pyrene	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Total PAH	ug/L	1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TRH	TRH >C10-C16	mg/L	0.05	-	-	-	< 0.05	0.91	0.91	0.27	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.45	< 0.05	0.18	0.16	< 0.05	< 0.05	0.07
	TRH >C10-C16 less Naphthalene (F2)	mg/L	0.05	-	-	-	< 0.05	0.91	0.91	0.27	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.45	< 0.05	0.18	0.16	< 0.05	< 0.05	0.07
	TRH >C10-C40 (total)*	mg/L	0.10	-	-	-	< 0.1	1.61	1.61	0.87	0.65	0.6	0.1	0.1	0.2	< 0.1	< 0.1	0.3	< 0.1	< 0.1	0.1	1.05	0.2	0.48	0.76	0.2	< 0.1	0.27
	TRH >C16-C34	mg/L	0.10	-	-	-	< 0.1	0.6	0.6	0.5	0.5	0.4	0.1	0.1	0.2	< 0.1	< 0.1	0.2	< 0.1	< 0.1	0.1	0.6	0.2	0.3	0.6	0.2	< 0.1	0.2
	TRH >C34-C40	mg/L	0.10	-	-	-	< 0.1	0.2	0.1	0.1	0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	TRH C10-C14	mg/L	0.05	-	-	-	< 0.05	0.41	0.12	0.07	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.41	< 0.05	0.19	0.21	< 0.05	< 0.05	0.11
	TRH C10-C36 (Total)	mg/L	0.05	-	-	-	< 0.05	1.42	1.42	0.67	0.6	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.3	< 0.1	< 0.1	0.1	1.21	0.3	0.59	0.81	0.2	< 0.1	0.21
	TRH C15-C28	mg/L	0.10	-	-	-	< 0.1	1.1	1.1	0.5	0.4	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	0.6	0.2	0.2	0.4	0.2	< 0.1	0.1
	TRH C29-C36	mg/L	0.10	-	-	-	< 0.1	0.1	0.2	0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.1	< 0.1	0.1	0.2	0.1	0.2	0.2	< 0.1	< 0.1	< 0.1
	TRH C6-C10	mg/L	0.02	-	-	-	< 0.02	0.03	< 0.02	0.03	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	TRH C6-C10 less BTEX (F1)	mg/L	0.02	-	-	-	< 0.02	0.03	< 0.02	0.03	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
	TRH C6-C9	mg/L	0.02	-	-	-	< 0.02	0.03	< 0.02	0.03	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
BTEX	Benzene	ug/L	1	950	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Ethylbenzene	ug/L	1	80	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	m/p-xylene	ug/L	2	275	-	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	o-xylene	ug/L	1	350	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Toluene	ug/L	1	180	-	-	<1	2	2	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Total Xylenes	ug/L	3	-	-	-	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
OCP	4,4 - DDD	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	4,4 - DDE	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	4,4 - DDT	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	a - BHC	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Aldrin	ug/L	0.2	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Aldrin + Dieldrin (total)	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	b - BHC	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Chlordanes (total)	ug/L	0.2	80	-	-	<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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	d - BHC	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	DDT + DDE + DDD (total)	ug/L	2	-	-	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	Dieldrin	ug/L	0.2	10	-	-	<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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Endosulfan 1	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Endosulfan 2	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Endosulfan sulphate	ug/L	0.2	200	-	-	<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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Endrin	ug/L	0.2	200	-	-	<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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Endrin Aldehyde	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Endrin Ketone	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	g-BHC (Lindane)	ug/L	0.2	200	-	-	<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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Heptachlor	ug/L	0.2	90	-	-	<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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Heptachlor epoxide	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Hexachlorobenzene	ug/L	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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Methoxychlor	ug/L	0.2	5	-	-	<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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Toxaphene	ug/L	5	200	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Vic EPA WRG 621 OCP (total)	ug/L	2	-	-	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	Vic EPA WRG 621 Other OCP (total)	ug/L	2	-	-	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
PCB	Aroclor-1016	ug/L	0.005	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Aroclor-1221	ug/L	0.005	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Aroclor-1232	ug/L	0.005	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Aroclor-1242	ug/L	0.005	600	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Aroclor-1248	ug/L	0.005	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Aroclor-1254	ug/L	0.005	30	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Aroclor-1260	ug/L	0.005	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Total PCB*	ug/L	0.005	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Microbiological	Total coliforms	mpn/100ml	100	-	-	-	1700	1700	17000	1700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	E. Coli	mpn/100ml	100	-	230	-	<100	<100	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Thermotolerant coliforms	mpn/100ml	100	-	1000	-	<100	<100	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrients	Ammonia (as N)	mg/L	0.01	0.9	-	-	0.11	0.13	0.13	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nitrate & Nitrite (as N)	mg/L	0.05	-	-	100	0.1	0.11	0.11	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nitrate (as N)	mg/L	0.02	-	-	100	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nitrite (as N)	mg/L	0.02	-	-	0.1	< 0.02	< 0.02	< 0.02	< 0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Phosphate total (as P)	mg/L	0.01	-	-	0.1	0.52	1.5	1.5	0.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Kjeldahl Nitrogen (as N)	mg/L	0.20	-	-	-	4.7	12	12	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Nitrogen (as N)*	mg/L	0.20	-	-	125	4.8	12.11	12.11	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Highlighted concentration exceeds the adopted site criteria - Australian & New Zealand Guidelines for Fresh & Marine Water Quality (2018) 95% species protection guideline value

Highlighted concentration exceeds the adopted site criteria - ANZECC & ARMCANZ (2000) Recreational Water Quality (Secondary Contact)

Highlighted concentration exceeds the adopted site criteria - Australian and New Zealand Guidelines for Fresh and Marine Water Quality - Primary Industries — Rationale and Background Information

\- No published criteria or sample not analysed

NL Not Limiting

Table 4. Soil Analysis
290-300 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW
Soil Results & Adopted Site Criteria
13546-ER-2-1

Group	Analyte	Units	PQL	Screening Levels for Direct Contact (mg/kg) - CRC Care 2011 HSL - D Commercial/Industrial	Inhalation / Vapour Intrusion HSLs (mg/kg) - NEPC 2013 (CLAY) HSL - D Commercial/Industrial 0 m to <1 m	Management Limits for TPH Fractions F1 - F4 in soil (mg/Kg) - NEPC 2013 Commercial and Industrial (fine)	Health Investigation Levels for Soil Contaminants - NEPM 2013 Commercial/Industrial D	Use and Disposal of Biosolids Products (NSW EPA 2000) Stabilisation Grade A Microbiological Standards	Data Set Minimum	Data Set Maximum
	Sample ID								TP01 0.0-0.2	TP02 0.0-0.2
	Reference								S21-Oc38427	S21-Oc38428
	Date Sampled								6/10/2021	6/10/2021
	Sample Matrix								Soil	Soil
Metals	Arsenic, As	mg/kg	2	-	-	-	3000	-	2.8	18
	Cadmium, Cd	mg/kg	0.4	-	-	-	900	-	<0.4	<0.4
	Chromium, Cr	mg/kg	5	-	-	-	3600	-	6.5	34
	Copper, Cu	mg/kg	5	-	-	-	240000	-	11	84
	Lead, Pb	mg/kg	5	-	-	-	1500	-	8.5	44
	Mercury (inorganic)	mg/kg	0.1	-	-	-	730	-	<0.1	<0.1
	Nickel, Ni	mg/kg	5	-	-	-	6000	-	8.5	32
	Zinc, Zn	mg/kg	5	-	-	-	400000	-	30	590
PAH	Acenaphthene	mg/kg	0.5	-	-	-	-	-	<0.5	0.8
	Acenaphthylene	mg/kg	0.5	-	-	-	-	-	<0.5	0.6
	Anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	0.7
	Benzo(a)anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	0.6
	Benzo(a)pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(a)pyrene TEQ (lower bound)	mg/kg	0.5	-	-	-	40	-	<0.5	<0.5
	Benzo(a)pyrene TEQ (medium bound)	mg/kg	0.6	-	-	-	40	-	0.6	0.7
	Benzo(a)pyrene TEQ (upper bound)	mg/kg	1.2	-	-	-	40	-	1.2	1.3
	Benzo(b&j)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	0.5
	Benzo(ghi)perylene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(k)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	0.8
	Chrysene	mg/kg	0.5	-	-	-	-	-	<0.5	1
	Dibenzo(ah)anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	0.7
	Fluorene	mg/kg	0.5	-	-	-	-	-	<0.5	0.8
	Indeno(1,2,3-cd)pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	0.6
	Naphthalene	mg/kg	0.5	11,000	-	-	-	-	<0.5	0.5
	Phenanthrene	mg/kg	0.5	-	-	-	-	-	<0.5	0.7
	Pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	0.8
	Total PAH	mg/kg	0.5	-	-	-	4000	-	<0.5	8.3
TRH	TRH >C10-C16	mg/kg	50	-	-	-	-	-	<50	51
	TRH >C10-C16 less Naphthalene (F2)	mg/kg	50	15000	NL	-	1000	-	<50	51
	TRH >C10-C40 (total)*	mg/kg	100	-	-	-	-	-	<100	1350
	TRH >C16-C34 (F3)	mg/kg	100	27000	-	-	5000	-	<100	560
	TRH >C34-C40 (F4)	mg/kg	100	38,000	-	-	10000	-	<100	790
	TRH C10-C14	mg/kg	20	-	-	-	-	-	<20	<20
	TRH C10-C36 (Total)	mg/kg	50	-	-	-	-	-	<50	730
	TRH C15-C28	mg/kg	50	-	-	-	-	-	<50	210
	TRH C29-C36	mg/kg	50	-	-	-	-	-	<50	520
	TRH C6-C10	mg/kg	20	26,000	-	-	-	-	<20	<20
	TRH C6-C10 less BTEX (F1)	mg/kg	20	-	310	-	800	-	<20	<20
	TRH C6-C9	mg/kg	20	-	-	-	-	-	<20	<20
BTEX	Benzene	mg/kg	0.1	430	4	-	-	-	<0.1	<0.1
	Ethylbenzene	mg/kg	0.1	27000	NL	-	-	-	<0.1	<0.1
	m|p-xylene	mg/kg	0.2	-	-	-	-	-	<0.2	<0.2
	o-xylene	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Toluene	mg/kg	0.1	99000	NL	-	-	-	<0.1	<0.1
	Total Xylenes	mg/kg	0.3	81000	NL	-	-	-	<0.3	<0.3
OCP	4.4 - DDD	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	4.4 - DDE	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	4.4 - DDT	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	a - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Aldrin	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Aldrin + Dieldrin (total)	mg/kg	0.05	-	-	-	45	-	<0.05	<0.05
	b - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Chlordanes (total)	mg/kg	0.1	-	-	-	530	-	<0.1	<0.1
	d - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	DDT + DDE + DDD (total)	mg/kg	0.05	-	-	-	3600	-	<0.05	<0.05
	Dieldrin	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Endosulfan 1	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05
	Endosulfan 2	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05
	Endosulfan sulphate	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05
	Endrin	mg/kg	0.05	-	-	-	100	-	<0.05	<0.05
	Endrin Aldehyde	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Endrin Ketone	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	g-BHC (Lindane)	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Heptachlor	mg/kg	0.05	-	-	-	50	-	<0.05	<0.05
	Heptachlor epoxide	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Hexachlorobenzene	mg/kg	0.05	-	-	-	80	-	<0.05	<0.05
	Methoxychlor	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Toxaphene	mg/kg	0.5	-	-	-	160	-	<0.5	<0.5
	Vic EPA IWRG 621 OCP (total)	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Vic EPA IWRG 621 Other OCP (total)	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
PCB	Aroclor-1016	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1221	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1232	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1242	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1248	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1254	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1260	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Total PCB*	mg/kg	0.1	-	-	-	7	-	<0.1	<0.1
Microbiological	Total coliforms	MPN/g	10	-	-	-	-	1000	<10	>16000
	E. Coli	MPN/g	10	-	-	-	-	100	<10	<10
	Thermotolerant coliforms	MPN/g	10	-	-	-	-	1000	<10	10
Nutrients	Ammonia (as N)	mg/kg	5	-	-	-	-	-	<5	3300
	Nitrate & Nitrite (as N)	mg/kg	5	-	-	-	-	-	5	11000
	Nitrate (as N)	mg/kg	5	-	-	-	-	-	<5	11000
	Nitrite (as N)	mg/kg	5	-	-	-	-	-	<5	<5
	Phosphate total (as P)	mg/kg	5	-	-	-	-	-	460	11000
	Total Kjeldahl Nitrogen (as N)	mg/kg	10	-	-	-	-	-	32	4600
	Total Nitrogen (as N)*	mg/kg	10	-	-	-	-	-	38.8	12700

	Sample ID	TP03 0.0-0.2	TP04 0.0-0.1	TP05 0.0-0.1	TP06 0.0-0.2	TP07 0.0-0.2	TP08 0.0-0.2	TP09 0.0-0.2	TP10 0.0-0.2	TP11 0.0-0.1	TP12 0.0-0.1	TP13 0.0-0.2	TP14 0.0-0.2	TP15 0.0-0.2	TP16 0.0-0.2	TP17 0.0-0.2	TP18 0.0-0.2	TP19 0.0-0.1	TP20 0.0-0.1	TP21 0.0-0.2	TP22 0.0-0.1	TP23 0.0-0.1	TP24 0.0-0.1	TP25 0.0-0.1	TP26 1.0-1.2	TP27 0.0-0.2	TP28 0.0-0.1	TP29 0.0-0.2	TP30 0.0-0.2
	Reference	S21-Oc38429	S21-Oc38430	S21-Oc38431	S21-Oc38432	S21-Oc38433	S21-Oc38434	S21-Oc38435	S21-Oc38436	S21-Oc38437	S21-Oc38438	S21-Oc38510	S21-Oc38439	S21-Oc38440	S21-Oc38441	S21-Oc38442	S21-Oc38443	S21-Oc38444	S21-Oc38445	S21-Oc38446	S21-Oc38447	S21-Oc38448	S21-Oc38449	S21-Oc38450	S21-Oc38451	S21-Oc38511	S21-Oc38512	S21-Oc38513	S21-Oc38514
	Date Sampled	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	8/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	6/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	8/10/2021	8/10/2021	8/10/2021	8/10/2021
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Metals	Arsenic, As	9.8	8.1	10	9.7	6	8.8	4	3.7	8.2	6.4	11	9.1	17	3	2.8	3.8	13	8.2	15	15	15	18	12	14	9.9	6.5	9.1	9
	Cadmium, Cd	< 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	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
	Chromium, Cr	21	22	28	19	14	18	10	16	24	18	19	23	15	14	26	34	17	6.5	25	19	25	33	20	30	20	14	16	18
	Copper, Cu	32	18	36	32	17	22	18	11	33	40	25	58	44	64	41	54	34	84	45	46	27	29	23	38	36	32	47	46
	Lead, Pb	24	15	15	23	19	24	15	15	20	16	22	27	29	13	11	14	18	8.5	30	26	25	44	35	35	29	20	21	26
	Mercury (inorganic)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Nickel, Ni	22	10	25	24	22	9.5	15	8.5	8.9	19	16	11	23	31	16	18	32	22	18	18	21	23	15	9.6	22	21	15	22	20
	Zinc, Zn	89	83	39	92	78	99	590	95	130	30	63	74	67	100	100	84	95	170	100	300	120	180	120	63	84	86	120	84	93	79
PAH	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	0.8	0.6	0.8	< 0.5	< 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	0.6	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
	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	0.7	0.6	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
	Benzo(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	0.6	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
	Benzo(a)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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	Benzo(a)pyrene TEQ (lower bound)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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(a)pyrene TEQ (medium bound)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Benzo(a)pyrene TEQ (upper bound)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Benzo(b&j)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	0.8	0.9	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
	Benzo(ghi)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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	Benzo(k)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	0.7	0.7	0.8	< 0.5	< 0.5	< 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	0.8	0.9	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
	Dibenzo(ah)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	< 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	0.7	0.7	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
	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	0.8	0.8	0.8	< 0.5	< 0.5	< 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	0.6	< 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
	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	0.6	< 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
	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	0.6	0.6	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
	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	0.6	0.8	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
	Total PAH	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6.2	6.9	8.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRH	TRH >C10-C16	< 50	< 50	< 50	< 50	< 50	< 50	< 50	51	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	TRH >C10-C16 less Naphthalene (F2)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	51	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	TRH >C10-C40 (total)*	< 100	< 100	< 100	< 100	< 100	< 100	< 100	351	< 100	< 100	< 100	120	< 100	1350	1110	510	< 100	< 100	< 100	< 100	< 100	< 100	< 100	110	120	< 100	< 100	< 100	< 100	< 100
	TRH >C16-C34 (F3)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	190	< 100	< 100	< 100	120	< 100	560	510	250	< 100	< 100	< 100	< 100	< 100	< 100	< 100	110	< 100	< 100	< 100	< 100	< 100	< 100
	TRH >C34-C40 (F4)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	118	< 100	< 100	< 100	< 100	< 100	790	600	260	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	120	< 100	< 100	< 100	< 100	< 100
	TRH C10-C14	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	TRH C10-C36 (Total)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	258	< 50	< 50	145	< 50	730	660	330	72	57	< 50	54	< 50	110	87	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	TRH C15-C28	< 50	< 50	< 50	< 50	< 50	< 50	< 50	160	< 50	< 50	63	< 50	210	170	110	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	TRH C29-C36	< 50	< 50	< 50	< 50	< 50	< 50	< 50	98	< 50	< 50	82	< 50	520	490	220	< 50	72	57	< 50	54	< 50	110	87	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	TRH C6-C10	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	TRH C6-C10 less BTEX (F1)	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 100	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	TRH C6-C9	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 100	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
BTEX	Benzene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Ethylbenzene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	m|p-xylene	< 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	< 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	< 0.2	< 0.2	< 0.2	< 0.2
	o-xylene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Toluene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Total Xylenes	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
OCP	4.4 - DDD	< 0.05	< 0.05	< 0.05	-	-	-	< 0.05	-	-	< 0.05	-	-	< 0.05	-	-	-	< 0.05	< 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	< 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	< 0.05	< 0.05	< 0.05	-	-	< 0.05	-	-	-	-	-	< 0.05	< 0.05
	a - BHC	< 0.05	< 0.05	< 0.05	-	-	-	< 0.05	-	-	< 0.05	-	-	< 0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	-	-	-	-	-	< 0.05	< 0.05
	Aldrin	< 0.05	< 0.05	< 0.05	-	-	-	< 0.05	-	-	< 0.05	-	-	< 0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	-	-	-	-	-	< 0.05	< 0.05
	Aldrin + Dieldrin (total)	< 0.05	< 0.05	< 0.05	-	-	-	< 0.05	-	-	< 0.05	-	-	< 0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	-	-	-	-	-	< 0.05	< 0.05
	b - BHC	< 0.05	< 0.05	< 0.05	-	-	-	< 0.05	-	-	< 0.05	-	-	< 0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	-	-	-	-	-	< 0.05	< 0.05
	Chlordanes (total)	< 0.1	< 0.1	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	< 0.1	-	-	-	< 0.1	< 0.1	< 0.1	< 0.1	-	-	< 0.1	-	-	-	-	-	< 0.1	< 0.1
	d - BHC	< 0.05	< 0.05	< 0.05	-	-	-	< 0.05	-	-	< 0.05	-	-	< 0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.05	-	-	-	-

Table 4. Soil Analysis
290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW
Soil Results & Adopted Site Criteria
13546-ER-2-1

Group	Analyte	Units	PQL	Screening Levels for Direct Contact (mg/kg) - CRC Care 2011	Inhalation / Vapour Intrusion HSLs (mg/kg) - NEPC 2013 (CLAY)	Management Limits for TPH Fractions F1 - F4 in soil (mg/Kg) - NEPC 2013	Health Investigation Levels for Soil Contaminants - NEPM 2013	Use and Disposal of Biosolids Products (NSW EPA 2000)		
				HSL - D Commercial/Industrial	HSL - D Commercial/Industrial 0 m to <1 m	Commercial and Industrial (fine)	Commercial/Industrial D	Stabilisation Grade A Microbiological Standards	Data Set Minimum	Data Set Maximum
Metals	Arsenic, As	mg/kg	2	-	-	-	3000	-	2.7	21
	Cadmium, Cd	mg/kg	0.4	-	-	-	900	-	<0.4	0.5
	Chromium, Cr	mg/kg	5	-	-	-	3600	-	5.6	31
	Copper, Cu	mg/kg	5	-	-	-	240000	-	8	68
	Lead, Pb	mg/kg	5	-	-	-	1500	-	8.9	57
	Mercury (inorganic)	mg/kg	0.1	-	-	-	730	-	<0.1	0.6
	Nickel, Ni	mg/kg	5	-	-	-	6000	-	6.3	27
	Zinc, Zn	mg/kg	5	-	-	-	400000	-	26	290
PAH	Acenaphthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Acenaphthylene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(a)anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(a)pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(a)pyrene TEQ (lower bound)	mg/kg	0.5	-	-	-	40	-	<0.5	<0.5
	Benzo(a)pyrene TEQ (medium bound)	mg/kg	0.6	-	-	-	40	-	0.6	0.6
	Benzo(a)pyrene TEQ (upper bound)	mg/kg	1.2	-	-	-	40	-	1.2	1.2
	Benzo(b&j)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(ghi)perylene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(k)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Chrysene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Dibenzo(ah)anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Fluorene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Indeno(1,2,3-cd)pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Naphthalene	mg/kg	0.5	11,000	-	-	-	-	<0.5	<0.5
	Phenanthrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Total PAH	mg/kg	0.5	-	-	-	4000	-	<0.5	<0.5
TRH	TRH >C10-C16	mg/kg	50	-	-	-	-	-	<50	<50
	TRH >C10-C16 less Naphthalene (F2)	mg/kg	50	20000	NL	1000	-	-	<50	<50
	TRH >C10-C40 (total)*	mg/kg	100	-	-	-	-	-	<100	530
	TRH >C16-C34 (F3)	mg/kg	100	27000	-	5000	-	-	<100	320
	TRH >C34-C40 (F4)	mg/kg	100	38,000	-	15000	-	-	<100	210
	TRH C10-C14	mg/kg	20	-	-	-	-	-	<20	23
	TRH C10-C36 (Total)	mg/kg	50	-	-	-	-	-	<50	313
	TRH C15-C28	mg/kg	50	-	-	-	-	-	<50	100
	TRH C29-C36	mg/kg	50	-	-	-	-	-	<50	230
	TRH C6-C10	mg/kg	20	26,000	-	-	-	-	<20	<20
	TRH C6-C10 less BTEX (F1)	mg/kg	20	-	310	800	-	-	<20	<20
	TRH C6-C9	mg/kg	20	-	-	-	-	-	<20	<20
BTEX	Benzene	mg/kg	0.1	430	4	-	-	-	<0.1	<0.1
	Ethylbenzene	mg/kg	0.1	27000	NL	-	-	-	<0.1	<0.1
	m/p-xylene	mg/kg	0.2	-	-	-	-	-	<0.2	<0.2
	o-xylene	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Toluene	mg/kg	0.1	99000	NL	-	-	-	<0.1	<0.1
	Total Xylenes	mg/kg	0.3	81000	NL	-	-	-	<0.3	<0.3
OCP	4,4 - DDD	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	4,4 - DDE	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	4,4 - DDT	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	a - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Aldrin	mg/kg	0.05	-	-	-	-	-	<0.05	0.13
	Aldrin + Dieldrin (total)	mg/kg	0.05	-	-	-	45	-	<0.05	2.13
	b - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Chlordanes (total)	mg/kg	0.1	-	-	-	530	-	<0.1	<0.1
	d - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	DDT + DDE + DDD (total)	mg/kg	0.05	-	-	-	3600	-	<0.05	<0.05
	Dieldrin	mg/kg	0.05	-	-	-	-	-	<0.05	2
	Endosulfan 1	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05
	Endosulfan 2	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05
	Endosulfan sulphate	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05
	Endrin	mg/kg	0.05	-	-	-	100	-	<0.05	<0.05
	Endrin Aldehyde	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Endrin Ketone	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	g-BHC (Lindane)	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Heptachlor	mg/kg	0.05	-	-	-	50	-	<0.05	<0.05
	Heptachlor epoxide	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Hexachlorobenzene	mg/kg	0.05	-	-	-	80	-	<0.05	<0.05
	Methoxychlor	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Toxaphene	mg/kg	0.5	-	-	-	160	-	<0.5	<0.5
	Vic EPA IWRG 621 OCP (total)	mg/kg	0.1	-	-	-	-	-	<0.1	2.13
	Vic EPA IWRG 621 Other OCP (total)	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
PCB	Aroclor-1016	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1221	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1232	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1242	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1248	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1254	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1260	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Total PCB*	mg/kg	0.1	-	-	-	7	-	<0.1	<0.1
Microbiological	Total coliforms	MPN/g	10	-	-	-	-	1000	5700	8700
	E. Coli	MPN/g	10	-	-	-	-	100	<10	<10
	Thermotolerant coliforms	MPN/g	10	-	-	-	-	1000	<10	<10
Nutrients	Ammonia (as N)	mg/kg	5	-	-	-	-	-	<5	<5
	Nitrate & Nitrite (as N)	mg/kg	5	-	-	-	-	-	<5	<5
	Nitrate (as N)	mg/kg	5	-	-	-	-	-	<5	<5
	Nitrite (as N)	mg/kg	5	-	-	-	-	-	<5	<5
	Phosphate total (as P)	mg/kg	5	-	-	-	-	-	1000	1000
	Total Kjeldahl Nitrogen (as N)	mg/kg	10	-	-	-	-	-	510	510
	Total Nitrogen (as N)*	mg/kg	10	-	-	-	-	-	510	510

Sample ID	TP31-0.0-,-0.2	TP32-0.0-0.2	TP33-0.0-0.1	TP34-0.0-0.2	TP35-0.0-0.2	TP36-0.0-0.1	TP37-0.0-0.1	TP38-0.0-0.2	TP39-0.0-0.1	TP40-0.0-0.1	TP41 0.0-0.1	TP42 0.0-0.1	TP43 0.0-0.1	TP44 0.0-0.1	TP50_0.0-0.1	TP51_0.0-0.1	TP52_0.0-0.1	TP53_0.0-0.1	TP54_0.0-0.1	TP61_0.0-0.1	TP62_0.0-0.1	TP63 0.0-0.1	TP64_0.0-0.1	TP65_0.0-0.1	TP66_0.0-0.1	TP70_0.0-0.1	TP71_0.0-0.1	TP78_0.0-0.1	TP80_0.0-0.1	TP82_0.0-0.1
Reference	S21-Oc38515	S21-Oc38516	S21-Oc38517	S21-Oc38518	S21-Oc38519	S21-Oc38520	S21-Oc38521	S21-Oc38522	S21-Oc38523	S21-Oc38524	S21-No31421	S21-No31422	S21-No31423	S21-No31424	S21-No02560	S21-No02561	S21-No02562	S21-No02568	S21-No02569	S21-No02574	S21-No02575	S21-No30962	S21-No02581	S21-No02582	S21-No02601	S21-No02602	S21-No02609	S21-No02610	S21-No02611
Date Sampled	8/10/2021	8/10/2021	8/10/2021	8/10/2021	8/10/2021	8/10/2021	8/10/2021	8/10/2021	8/10/2021	8/10/2021	12/10/2021	12/10/2021	12/10/2021	12/10/2021	15/10/2021	15/10/2021	15/10/2021	15/10/2021	15/10/2021	18/10/2021	18/10/2021	18/10/2021	18/10/2021	18/10/2021	18/10/2021	19/10/2021	19/10/2021	19/10/2021	19/10/2021	19/10/2021
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	20	23	26	19	23	17	9.7	17	7.9	24	15	18	21	13	25	31	17	19	17	11	25	21	22	19	5.6	18	20	12	18	18
	46	49	39	37	26	68	20	46	44	23	21	36	35	19	42	27	22	22	25	15	32	33	39	31	8	32	31	19	26	25
	26	28	30	25	26	18	9.4	20	8.9	28	17	21	23	15	34	54	41	25	22	16	41	24	-	-	-	57	37	33	22	18
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.6	0.3	< 0.1	-	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	27	24	21	16	18	19	6.3	20	6.6	11	12	15	22	9.4	20	15	21	13	14	7.1	16	17	-	-	-	16	16	8.6	12	9.2
	290	110	110	79	79	59	280	26	90	200	59	61	89	95	81	170	150	58	54	69	44	65	56	-	-	110	69	140	48	35
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	0.6	-	-	-	-	-	-	-	-
	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	-	-	1.2	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	-	-	< 50	< 50	-	-	-
	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	-	-	< 50	< 50	-	-	-
	< 100	< 100	< 100	140	< 100	280	< 100	100	400	< 100	< 100	< 100	< 100	530	360	230	100	110	< 100	< 100	< 100	< 100	-	-	< 100	< 100	-	-	-
	< 100	< 100	< 100	140	< 100	260	< 100	< 100	< 100	< 100	< 100	< 100	< 100	320	170	110	< 100	110	< 100	< 100	< 100	< 100	-	-	< 100	< 100	-	-	-
	< 100	< 100	< 100	120	< 100	120	< 100	100	140	< 100	< 100	< 100	< 100	210	190	120	100	< 100	< 100	< 100	< 100	< 100	-	-	< 100	< 100	-	-	-
	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	23	< 20	< 20	< 20	< 20	-	-	< 20	< 20	-	-	-
	< 50	< 50	< 50	176	< 50	195	74	91	313	61	54	< 50	< 50	250	202	< 50	89	< 50	56	< 50	< 50	< 50	-	-	65	< 50	-	-	-
	< 50	< 50	< 50	66	< 50	55	< 50	< 50	83	< 50	< 50	< 50	< 50	100	52	< 50	< 50	< 50	< 50	< 50	< 50	< 50	-	-	< 50	< 50	-	-	-
	< 50	< 50	< 50	110	< 50	140	74	91	230	61	54	< 50	< 50	150	150	< 50	89	< 50	56	< 50	< 50	< 50	-	-	65	< 50	-	-	-
	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	-	-	< 20	< 20	-	-	-
	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	-	-	< 20	< 20	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	-	-	-	-	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-
	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	-	-	-	-	-	-	-
	< 0.05	< 0.05	< 0.05	-	< 0.05	-	-	< 0.05	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	-	-
	< 0.05	< 0.05	< 0.05	-	< 0.05	-	-	< 0.05	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	-	-
	< 0.05	< 0.05	< 0.05	-	< 0.05	-	-	< 0.05	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	-	-
	< 0.05	< 0.05	< 0.05	-	< 0.05	-	-	< 0.05	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	-	-
	< 0.05	< 0.05	< 0.05	-	< 0.05	-	-	< 0.05	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	< 0.1	< 0.1	< 0.1	-	-
	< 0.05	< 0.05	< 0.05	-	< 0.05	-	-	< 0.05	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	-	-
	< 0.05	< 0.05	< 0.05	-	< 0.05	-	-	< 0.05	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	-	-
	< 0.05	< 0.05	< 0.05	-	< 0.05	-	-	< 0.05	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	< 0.1	< 0.1	< 0.1	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5700	8700	8700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<10	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<10	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<5	<5	< 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<5	<5	< 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<5	<5	< 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<5	<5	< 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1000	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	510	510	510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	510	510	510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Highlighted concentration exceeds the adopted site criteria - Screening Levels for Direct Contact (mg/kg) - CRC Care 2011
Highlighted concentration exceeds the adopted site criteria - Inhalation / Vapour Intrusion HSLs (mg/kg) - NEPC 2013 (CLAY)
Highlighted concentration exceeds the adopted site criteria - Management Limits for TPH Fractions F1 - F4 in soil (mg/Kg) - NEPC 2013
Highlighted concentration exceeds the adopted site criteria - Health Investigation Levels for Soil Contaminants - NEPC 2013
Highlighted concentration exceeds the adopted site criteria - Stabilisation Grade A Microbiological Standards (NSW EPA 2000)

\- No published criteria or sample not analysed
NL Not Limiting

Table 4. Soil Analysis
290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW
Soil Results & Adopted Site Criteria
13546-ER-2-1

Group	Analyte	Units	PQL	Screening Levels for Direct Contact (mg/kg) - CRC Care 2011	Inhalation / Vapour Intrusion HSLs (mg/kg) - NEPC 2013 (CLAY)	Management Limits for TPH Fractions F1 - F4 in soil (mg/Kg) - NEPC 2013	Health Investigation Levels for Soil Contaminants - NEPM 2013	Use and Disposal of Biosolids Products (NSW EPA 2000)		
				HSL - D Commercial/Industrial	HSL - D Commercial/Industrial 0 m to <1 m	Commercial and Industrial (fine)	Commercial/Industrial D	Stabilisation Grade A Microbiological Standards	Data Set Minimum	Data Set Maximum
Metals	Arsenic, As	mg/kg	2	-	-	-	3000	-	4.7	16
	Cadmium, Cd	mg/kg	0.4	-	-	-	900	-	<0.4	<0.4
	Chromium, Cr	mg/kg	5	-	-	-	3600	-	12	27
	Copper, Cu	mg/kg	5	-	-	-	240000	-	19	47
	Lead, Pb	mg/kg	5	-	-	-	1500	-	13	42
	Mercury (inorganic)	mg/kg	0.1	-	-	-	730	-	<0.1	<0.1
	Nickel, Ni	mg/kg	5	-	-	-	6000	-	9.2	28
	Zinc, Zn	mg/kg	68	-	-	-	400000	-	37	360
PAH	Acenaphthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Acenaphthylene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(a)anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(a)pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(a)pyrene TEQ (lower bound)	mg/kg	0.5	-	-	-	40	-	<0.5	<0.5
	Benzo(a)pyrene TEQ (medium bound)	mg/kg	0.6	-	-	-	40	-	0.6	0.6
	Benzo(a)pyrene TEQ (upper bound)	mg/kg	1.2	-	-	-	40	-	1.2	1.2
	Benzo(b&j)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(ghi)perylene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Benzo(k)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Chrysene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Dibenzo(ah)anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Fluorene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Indeno(1,2,3-cd)pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Naphthalene	mg/kg	0.5	11,000	-	-	-	-	<0.5	<0.5
	Phenanthrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5
	Total PAH	mg/kg	0.5	-	-	-	4000	-	<0.5	<0.5
TRH	TRH >C10-C16	mg/kg	50	-	-	-	-	-	<50	94
	TRH >C10-C16 less Naphthalene (F2)	mg/kg	50	25000	NL	1000	-	-	<50	94
	TRH >C10-C40 (total)*	mg/kg	100	-	-	-	-	-	<100	274
	TRH >C16-C34 (F3)	mg/kg	100	27000	-	5000	-	-	<100	180
	TRH >C34-C40 (F4)	mg/kg	100	38,000	-	10000	-	-	<100	<100
	TRH C10-C14	mg/kg	20	-	-	-	-	-	<20	22
	TRH C10-C36 (Total)	mg/kg	50	-	-	-	-	-	<50	302
	TRH C15-C28	mg/kg	50	-	-	-	-	-	<50	170
	TRH C29-C36	mg/kg	50	-	-	-	-	-	<50	110
	TRH C6-C10	mg/kg	20	26,000	-	-	-	-	<20	<20
	TRH C6-C10 less BTEX (F1)	mg/kg	20	-	310	800	-	-	<20	<20
	TRH C6-C9	mg/kg	20	-	-	-	-	-	<20	<20
BTEX	Benzene	mg/kg	0.1	430	4	-	-	-	<0.1	<0.1
	Ethylbenzene	mg/kg	0.1	27000	NL	-	-	-	<0.1	<0.1
	m/p-xylene	mg/kg	0.2	-	-	-	-	-	<0.2	<0.2
	o-xylene	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Toluene	mg/kg	0.1	99000	NL	-	-	-	<0.1	<0.1
	Total Xylenes	mg/kg	0.3	81000	NL	-	-	-	<0.3	<0.3
OCP	4,4 - DDD	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	4,4 - DDE	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	4,4 - DDT	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	a - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Aldrin	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Aldrin + Dieldrin (total)	mg/kg	0.05	-	-	-	45	-	<0.05	<0.05
	b - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Chlordanes (total)	mg/kg	0.1	-	-	-	530	-	<0.1	<0.1
	d - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	DDT + DDE + DDD (total)	mg/kg	0.05	-	-	-	3600	-	<0.05	<0.05
	Dieldrin	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Endosulfan 1	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05
	Endosulfan 2	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05
	Endosulfan sulphate	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05
	Endrin	mg/kg	0.05	-	-	-	100	-	<0.05	<0.05
	Endrin Aldehyde	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Endrin Ketone	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	g-BHC (Lindane)	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Heptachlor	mg/kg	0.05	-	-	-	50	-	<0.05	<0.05
	Heptachlor epoxide	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Hexachlorobenzene	mg/kg	0.05	-	-	-	80	-	<0.05	<0.05
	Methoxychlor	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05
	Toxaphene	mg/kg	0.5	-	-	-	160	-	<0.5	<0.5
	Vic EPA WRG 621 OCP (total)	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Vic EPA WRG 621 Other OCP (total)	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
PCB	Aroclor-1016	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1221	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1232	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1242	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1248	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1254	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Aroclor-1260	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1
	Total PCB*	mg/kg	0.1	-	-	-	7	-	<0.1	<0.1
Microbiological	Total coliforms	MPN/g	10	-	-	-	-	1000	-	-
	E. Coli	MPN/g	10	-	-	-	-	100	-	-
	Thermotolerant coliforms	MPN/g	10	-	-	-	-	1000	-	-
Nutrients	Ammonia (as N)	mg/kg	5	-	-	-	-	-	-	-
	Nitrate & Nitrite (as N)	mg/kg	5	-	-	-	-	-	-	-
	Nitrate (as N)	mg/kg	5	-	-	-	-	-	-	-
	Nitrite (as N)	mg/kg	5	-	-	-	-	-	-	-
	Phosphate total (as P)	mg/kg	5	-	-	-	-	-	-	-
	Total Kjeldahl Nitrogen (as N)	mg/kg	10	-	-	-	-	-	-	-
	Total Nitrogen (as N)*	mg/kg	10	-	-	-	-	-	-	-

Sample ID	TP84_0.0-0.1	TP86_0.0-0.1	TP88_0.0-0.1	TP90_0.0-0.1	TP92_0.0-0.1	TP94_0.0-0.1	TP95_0.0-0.1	TP96_0.0-0.1	TP98_0.0-0.1	TP100_0.0-0.1	TP102_0.0-0.1	TP104_0.0-0.1	TP106_0.0-0.1	TP108_0.0-0.1	TP110_0.0-0.1	TP112_0.0-0.1	TP114_0.0-0.1	TP116_0.0-0.1	TP118_0.0-0.1	TP120_0.0-0.1	TP120_0.5-0.6	TP122_0.0-0.1	TP124_0.0-0.1	TP125_0.0-0.1	TP126_0.0-0.1	TP128_0.0-0.1	TP130_0.0-0.1	TP132_0.0-0.1	TP134_0.0-0.1	TP136_0.0-0.1
Reference	S21-No02612	S21-No02613	S21-No02614	S21-No02615	S21-No02616	S21-No02617	S21-No02618	S21-No02619	S21-No02620	S21-No02621	S21-No02623	S21-No02624	S21-No02625	S21-No02626	S21-No02627	S21-No02628	S21-No02629	S21-No02630	S21-No02631	S21-No02632	S21-No02646	S21-No02633	S21-No02634	S21-No02635	S21-No02636	S21-No02637	S21-No02638	S21-No02639	S21-No02640	S21-No02641
Date Sampled	19/10/2021	19/10/2021	19/10/2021	19/10/2021	19/10/2021	19/10/2021	19/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	20/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	4.7	16	8.8	7.3	7.2	9.8	9.3	7.2	10	16	15	6.8	7.3	4.7	7.4	14	9.8	7.8	6	11	9.2	5	-	9.3	10	14	12	12	9.3	14	12	11
	<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	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
	12	27	21	19	14	20	27	18	15	22	20	22	23	21	17	24	16	27	23	17	18	12	-	15	19	21	20	14	21	19	19	21
	19	47	31	26	19	41	34	32	24	39	31	41	36	29	26	36	26	47	38	26	26	26	-	22	28	31	27	36	36	25	26	26
	13	42	20	24	17	23	27	17	22	42	30	20	20	15	15	36	16	23	19	18	19	16	-	13	24	25	27	14	18	20	22	23
	<0.1	<0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	9.2	28	11	17	14	15	15	12	12	18	20	16	17	16	13	28	17	23	19	15	17	9.2	-	12	19	23	21	21	18	24	18	20
	37	360	46	59	44	64	52	41	66	69	66	56	50	43	43	92	51	86	79	47	52	360	-	37	58	63	68	150	57	66	49	56
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	0.6	0.6	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-	0.6	-	-	-	-	-	-
	1.2	1.2	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	1.2	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<0.5	<0.5	-	-	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-	-	-
	<50	94	-	-	-	-	-	-	94	-	-	-	-	-	-	-	-	-	-	-	-	< 50	-	-	-	< 50	-	-	-	-	-	-
	<50	94	-	-	-	-	-	-	94	-	-	-	-	-	-	-	-	-	-	-	-	< 50	-	-	-	< 50	-	-	-	-	-	-
	<100	274	-	-	-	-	-	-	274	-	-	-	-	-	-	-	-	-	-	-	-	< 100	-	-	-	< 100	-	-	-	-	-	-
	<100	180	-	-	-	-	-	-	180	-	-	-	-	-	-	-	-	-	-	-	-	< 100	-	-	-	< 100	-	-	-	-	-	-
	<100	<100	-	-	-	-	-	-	< 100	-	-	-	-	-	-	-	-	-	-	-	-	< 100	-	-	-	< 100	-	-	-	-	-	-
	<20	22	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-	-	-	< 20	-	-	-	< 20	-	-	-	-	-	-
	<50	302	-	-	-	-	-	-	302	-	-	-	-	-	-	-	-	-	-	-	-	< 50	-	-	-	< 50	-	-	-	-	-	-
	<50	170	-	-	-	-	-	-	170	-	-	-	-	-	-	-	-	-	-	-	-	< 50	-	-	-	< 50	-	-	-	-	-	-
	<50	110	-	-	-	-	-	-	110	-	-	-	-	-	-	-	-	-	-	-	-	< 50	-	-	-	< 50	-	-	-	-	-	-
	<20	<20	-	-	-	-	-	-	< 20	-	-	-	-	-	-	-	-	-	-	-	-	< 20	-	-	-	< 20	-	-	-	-	-	-
	<20	<20	-	-	-	-	-	-	< 20	-	-	-	-	-	-	-	-	-	-	-	-	< 20	-	-	-	< 20	-	-	-	-	-	-
	<20	<20	-	-	-	-	-	-	< 20	-	-	-	-	-	-	-	-	-	-	-	-	< 20	-	-	-	< 20	-	-	-	-	-	-
	<0.1	<0.1	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1	-	-	-	-	-	-
	<0.1	<0.1	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1	-	-	-	-	-	-
	<0.2	<0.2	-	-	-	-	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	<0.2	-	-	-	-	-	-
	<0.1	<0.1	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1	-	-	-	-	-	-
	<0.1	<0.1	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1	-	-	-	-	-	-
	<0.3	<0.3	-	-	-	-	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	<0.3	-	-	-	-	-	-
	<0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
	<0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
	<0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
	<0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
	<0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
	<0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
	<0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
	<0.1	<0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	<0.1	<0.1	-	-	-	-	-	-	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-
	<0.1	<0.1	-	-	-	-	-	-	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-
	<0.1	<0.1	-	-	-	-	-	-	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-
	<0.1	<0.1	-	-	-	-	-	-	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-
	<0.1	<0.1	-	-	-	-	-	-	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-
	<0.1	<0.1	-	-	-	-	-	-	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Highlighted concentration exceeds the adopted site criteria - Screening Levels for Direct Contact (mg/kg) - CRC Care 2011

Highlighted concentration exceeds the adopted site criteria - Inhalation / Vapour Intrusion HSLs (mg/kg) - NEPC 2013 (CLAY)

Highlighted concentration exceeds the adopted site criteria - Management Limits for TPH Fractions F1 - F4 in soil (mg/Kg) - NEPC 2013

Highlighted concentration exceeds the adopted site criteria - Health Investigation Levels for Soil Contaminants - NEPC 2013

Highlighted concentration exceeds the adopted site criteria - Stabilisation Grade A Microbiological Standards (NSW EPA 2000)

- No published criteria or sample not analysed

NL Not Limiting

Table 4. Soil Analysis
290-308 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW
Soil Results & Adopted Site Criteria
13546-ER-2-1

Group	Analyte	Units	PQL	Screening Levels for Direct Contact (mg/kg) - CRC Care 2011	Inhalation / Vapour Intrusion HSLs (mg/kg) - NEPC 2013 (CLAY)	Management Limits for TPH Fractions F1 - F4 in soil (mg/Kg) - NEPC 2013	Health Investigation Levels for Soil Contaminants - NEPM 2013	Use and Disposal of Biosolids Products (NSW EPA 2000)			Sample ID	TP138_0.0-0.1	TP141_0.0-0.1	TP142_0.5-0.6	PP1	PP2 0.0-0.1	PP3 0.0-0.1	PP4 0.0-0.1	PP5 0.0-0.1	PP6 0.0-0.1	PP7 0.0-0.1	PP8 0.0-0.1	PP9	PP10	PP11	PP12	DR01 0.0-0.2	DR02 0.0-0.2	DR03 0.0-0.2	DR04 0.0-0.1	DR05 0.0-0.1	DR06 0.0-0.1	DR07 0.0-0.1	DR08 0.0-0.1	DR11 0.0-0.1	DR12 0.0-0.1	DR13 0.0-0.1	DR14 0.0-0.1	DR15 0.0-0.1	DR16 0.0-0.1	DR17 0.0-0.1
											Reference	S21-No02643	S21-No02597	S21-No02598	S21-No02589	S21-Oc38493	S21-Oc38494	S21-Oc38495	S21-Oc38496	S21-Oc38497	S21-Oc38498	S21-Oc38499	S21-No02587	S21-No02590	S21-No02591	S21-No02592	S21-Oc38452	S21-Oc38453	S21-Oc38454	S21-Oc38455	S21-Oc38456	S21-Oc38457	S21-Oc38458	S21-Oc38459	S21-Oc38500	S21-Oc38501	S21-Oc38502	S21-Oc38503	S21-No02588	S21-No02599	S21-No02600
											Date Sampled	21/10/2021	18/10/2021	18/10/2021	18/10/2021	13/10/2021	13/10/2021	12/10/2021	13/10/2021	12/10/2021	12/10/2021	12/10/2021	18/10/2021	18/10/2021	18/10/2021	18/10/2021	6/10/2021	6/10/2021	6/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	13/10/2021	13/10/2021	13/10/2021	13/10/2021	18/10/2021	19/10/2021	19/10/2021
											Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				HSL - D Commercial/Industrial	HSL - D Commercial/Industrial 0 m to <1 m	Commercial and Industrial (fine)	Commercial/Industrial D	Stabilisation Grade A Microbiological Standards	Data Set Minimum	Data Set Maximum																																			
Metals	Arsenic, As	mg/kg	2	-	-	-	3000	-	<2	39		11	27	7	3.7	20	39	13	9.9	39	4.9	7	8.9	16	8	7.4	4.3	3.2	3	3.4	4.8	12	3.7	6.3	< 2	17	12	7.8	9	2.8	4.6
	Cadmium, Cd	mg/kg	0.4	-	-	-	900	-	<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	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
	Chromium, Cr	mg/kg	5	-	-	-	3600	-	<5	59		21	13	13	7.5	25	21	23	16	23	10	13	19	30	17	18	24	19	17	14	59	33	18	13	< 5	26	5	21	17	13	13
	Copper, Cu	mg/kg	5	-	-	-	240000	-	<5	62		28	28	62	11	26	24	30	21	41	19	29	33	47	28	22	34	21	52	41	14	35	9.3	8.4	< 5	52	19	36	19	8.7	13
	Lead, Pb	mg/kg	5	24	-	-	1500	-	<5	160		23	160	30	-	-	-	-	-	-	-	-	-	-	-	-	21	13	15	13	17	25	14	14	< 5	37	24	18	36	160	24
	Mercury (inorganic)	mg/kg	0.1	-	-	-	730	-	<0.1	0.2		< 0.1	0.2	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.1	< 0.1
	Nickel, Ni	mg/kg	5	-	-	-	6000	-	<5	37		19	15	7.5	-	-	-	-	-	-	-	-	-	-	-	-	22	16	15	14	21	28	21	6.3	< 5	37	14	26	8.6	7.6	5.3
	Zinc, Zn	mg/kg	5	-	-	-	400000	-	<5	250		59	180	73	-	-	-	-	-	-	-	-	-	-	-	-	84	48	46	93	27	95	34	21	< 5	110	44	64	71	250	92
PAH	Acenaphthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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(a)anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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(a)pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	0.6		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	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
	Benzo(a)pyrene TEQ (lower bound)	mg/kg	0.5	-	-	-	40	-	<0.5	0.7		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	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
	Benzo(a)pyrene TEQ (medium bound)	mg/kg	0.6	-	-	-	40	-	0.6	1		-	0.6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	0.6	0.6	1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Benzo(a)pyrene TEQ (upper bound)	mg/kg	1.2	-	-	-	40	-	1.2	1.3		-	1.2	1.2	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Benzo(b&j)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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(ghi)perylene	mg/kg	0.5	-	-	-	-	-	<0.5	1.4		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	1.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	Benzo(k)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	0.6		-	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
	Fluorene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	0.7		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	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
	Naphthalene	mg/kg	0.5	11,000	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		-	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	0.5		-	0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	Total PAH	mg/kg	0.5	-	-	-	4000	-	<0.5	2.7		-	1.1	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	2.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRH	TRH >C10-C16	mg/kg	50	-	-	-	-	-	<50	<50		-	< 50	< 50	-	-	-	-	-	-	-	-	-	-	-	-	< 50	< 50	< 250	< 50	< 50	< 100	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	TRH >C10-C16 less Naphthalene (F2)	mg/kg	50	20000	-	NL	1000	-	<50	<50		-	< 50	< 50	-	-	-	-	-	-	-	-	-	-	-	-	< 50	< 50	< 250	< 50	< 50	< 100	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	TRH >C10-C40 (total)*	mg/kg	100	-	-	-	-	-	<100	1980		-	110	530	-	-	-	-	-	-	-	-	-	-	-	-	430	100	1980	340	< 100	< 200	< 100	< 100	< 100	110	< 100	< 100	< 100	110	< 100
	TRH >C16-C34 (F3)	mg/kg	100	27000	-	-	5000	-	<100	880		-	110	530	-	-	-	-	-	-	-	-	-	-	-	-	200	< 100	880	170	< 100	< 200	< 100	< 100	< 100	110	< 100	< 100	< 100	110	< 100
	TRH >C34-C40 (F4)	mg/kg	100	38,000	-	-	10000	-	<100	1100		-	< 100	< 100	-	-	-	-	-	-	-	-	-	-	-	-	230	150	1100	170	< 100	< 200	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
	TRH C10-C14	mg/kg	20	-	-	-	-	-	<20	25		-	< 20	25	-	-	-	-	-	-	-	-	-	-	-	-	< 20	< 20	< 100	< 20	< 20	< 40	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	TRH C10-C36 (Total)	mg/kg	50	-	-	-	-	-	<50	1160		-	131	485	-	-	-	-	-	-	-	-	-	-	-	-	259	66	1160	215	53	130	< 50	< 50	< 50	137	< 50	< 50	< 50	85	< 50
	TRH C15-C28	mg/kg	50	-	-	-	-	-	<50	390		-	73	210	-	-	-	-	-	-	-	-	-	-	-	-	79	< 50	300	65	< 50	< 100	< 50	< 50	< 50	60	< 50	< 50	< 50	< 50	< 50
	TRH C29-C36	mg/kg	50	-	-	-	-	-	<50	860		-	58	250	-	-	-	-	-	-	-	-	-	-	-	-	180	66	860	150	53	130	< 50	< 50	< 50	77	< 50	< 50	< 50	85	< 50
	TRH C6-C10	mg/kg	20	26,000	-	-	-	-	<20	<20		-	< 20	< 20	-	-	-	-	-	-	-	-	-	-	-	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	TRH C6-C10 less BTEX (F1)	mg/kg	20	-	-	310	800	-	<20	<20		-	< 20	< 20	-	-	-	-	-	-	-	-	-	-	-	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	TRH C6-C9	mg/kg	20	-	-	-	-	-	<20	<20		-	< 20	< 20	-	-	-	-	-	-	-	-	-	-	-	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
BTEX	Benzene	mg/kg	0.1	430	-	-	-	-	<0.1	<0.1		-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Ethylbenzene	mg/kg	0.1	27000	-	NL	-	-	<0.1	<0.1		-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	m/p-xylene	mg/kg	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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	o-xylene	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Toluene	mg/kg	0.1	99000	-	NL	-	-	<0.1	<0.1		-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Total Xylenes	mg/kg	0.3	81000	-	NL	-	-	<0.3	<0.3		-	<0.3	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
OCP	4,4 - DDD	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4,4 - DDE	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4,4 - DDT	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	a - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aldrin	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aldrin + Dieldrin (total)	mg/kg	0.05	-	-	-	45	-	<0.05	0.13		< 0.05	0.13	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	b - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chlordanes (total)	mg/kg	0.1	-	-	-	530	-	<0.1	<0.1		< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	d - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DDT + DDE + DDD (total)	mg/kg	0.05	-	-	-	3600	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dieldrin	mg/kg	0.05	-	-	-	-	-	<0.05	0.13		< 0.05	0.13	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan 1	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan 2	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan sulphate	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Endrin	mg/kg	0.05	-	-	-	100	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Endrin Aldehyde	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Endrin Ketone	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	g-BHC (Lindane)	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Heptachlor	mg/kg	0.05	-	-	-	50	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Heptachlor epoxide	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hexachlorobenzene	mg/kg	0.05	-	-	-	80	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Methoxychlor	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Toxaphene	mg/kg	0.5	-	-	-	160	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vic EPA IWRG 621 OCP (total)	mg/kg	0.1	-	-	-	-	-	<0.1	0.13		< 0.1	0.13	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vic EPA IWRG 621 Other OCP (total)	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB	Aroclor-1016	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		-	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor-1221	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		-	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor-1232	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		-	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor-1242	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		-	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor-1248	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		-	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor-1254	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		-	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor-1260	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		-	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total PCB*	mg/kg	0.1	-	-	-	7	-	<0.1	<0.1		-	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Microbiological	Total coliforms	MPN/g	10	-	-	-	-	1000	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	E. Coli	MPN/g	10	-	-	-	-	100	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Thermotolerant coliforms	MPN/g	10	-	-	-	-	1000	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrients	Ammonia (as N)	mg/kg	5	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nitrate & Nitrite (as N)	mg/kg	5	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nitrate (as N)	mg/kg	5	-	-	-	-	-	+	+		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nitrite (as N)	mg/kg	5	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Phosphate total (as P)	mg/kg	5	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Kjeldahl Nitrogen (as N)	mg/kg	10	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Nitrogen (as N)*	mg/kg	10	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Highlighted concentration exceeds the adopted site criteria - Screening Levels for Direct Contact (mg/kg) - CRC Care 2011
Highlighted concentration exceeds the adopted site criteria - Inhalation / Vapour Intrusion HSLs (mg/kg) - NEPC 2013 (CLAY)
Highlighted concentration exceeds the adopted site criteria - Management Limits for TPH Fractions F1 - F4 in soil (mg/Kg) - NEPC 2013
Highlighted concentration exceeds the adopted site criteria - Health Investigation Levels for Soil Contaminants - NEPC 2013
Highlighted concentration exceeds the adopted site criteria - Stabilisation Grade A Microbiological Standards (NSW EPA 2000)

- No published criteria or sample not analysed
NL Not Limiting

Table 4. Soil Analysis
290-300 Aldington Road and 59-63 Abbotts Road, Kemps Creek NSW
Soil Results & Adopted Site Criteria
13546-ER-2-1

Group	Analyte	Units	PQL	Screening Levels for Direct Contact (mg/kg) - CRC Care 2011	Inhalation / Vapour Intrusion HSLs (mg/kg) - NEPC 2013 (CLAY)	Management Limits for TPH Fractions F1 - F4 in soil (mg/kg) - NEPC 2013	Health Investigation Levels for Soil Contaminants - NEPM 2013	Use and Disposal of Biosolids Products (NSW EPA 2000)			Sample ID	DW22	DW23	DS01	DS02	DS03	DS04	DS05	DS06	DS07	DS08	DS09	DS10	DS11	DS12	DS13	DS14	DS15	DS16	DS17	DS18	DS19	DS20	DS21	DS22	SP1-1	SP1-2	SP1-3	SP3-1	SP3-2
											Reference	S21-No02607	S21-No02608	S21-Oc38463	S21-Oc38464	S21-Oc38465	S21-Oc38466	S21-Oc38467	S21-Oc38468	S21-Oc38504	S21-Oc38505	S21-No02558	S21-No02559	S21-No02570	S21-No02571	S21-No02595	S21-No02596	S21-No02605	S21-No02606	S21-No02653	S21-No02654	S21-No02655	S21-No02656	S21-Oc38460	S21-Oc38461	S21-Oc38462	S21-No02585	S21-No02586
											Date Sampled	19/10/2021	19/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	7/10/2021	13/10/2021	13/10/2021	13/10/2021	13/10/2021	15/10/2021	15/10/2021	18/10/2021	18/10/2021	18/10/2021	18/10/2021	19/10/2021	19/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	21/10/2021	7/10/2021	7/10/2021	7/10/2021	18/10/2021	18/10/2021
											Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				HSL - D Commercial/Industrial	HSL - D Commercial/Industrial 0 m to <1 m	Commercial and Industrial (fine)	Commercial/Industrial D	Stabilisation Grade A Microbiological Standards	Data Set Minimum	Data Set Maximum																													
Metals	Arsenic, As	mg/kg	2	-	-	-	3000	-	3.3	30		12	9.6	18	4.4	8	7.2	9.5	16	18	16	9.1	13	12	10	18	30	14	15	17	7.1	11	6.9	10	20	3.3	4.8	5.9	8.9	8.2
	Cadmium, Cd	mg/kg	0.4	-	-	-	900	-	<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	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
	Chromium, Cr	mg/kg	5	-	-	-	3600	-	9.8	35		22	17	30	10	21	21	21	27	16	18	16	19	26	22	23	35	22	22	29	14	21	18	18	18	9.8	14	18	16	16
	Copper, Cu	mg/kg	5	-	-	-	240000	-	13	260		24	20	48	13	32	31	26	26	16	18	27	23	33	39	20	41	24	29	27	19	21	31	21	28	260	120	150	30	22
	Lead, Pb	mg/kg	5	-	-	-	1500	-	12	58		43	25	38	13	22	22	13	41	20	18	18	22	28	26	30	58	26	30	47	16	24	18	15	18	12	16	24	48	22
	Mercury (inorganic)	mg/kg	0.1	-	-	-	730	-	<0.1	0.5		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.5	< 0.1	< 0.1	< 0.1	< 0.1
	Nickel, Ni	mg/kg	5	-	-	-	6000	-	6.3	30		11	10	24	6.3	15	17	17	16	15	13	16	20	16	19	39	25	16	15	13	11	14	15	11	19	15	15	22	18	8.4
	Zinc, Zn	mg/kg	5	-	-	-	400000	-	28	1000		98	60	110	30	51	52	49	71	51	54	59	71	53	93	79	1000	54	57	110	39	73	68	55	53	1000	380	640	160	28
PAH	Acenaphthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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(a)anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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(a)pyrene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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(a)pyrene TEQ (lower bound)	mg/kg	0.5	-	-	-	40	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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(a)pyrene TEQ (medium bound)	mg/kg	0.6	-	-	-	40	-	0.6	0.6		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Benzo(a)pyrene TEQ (upper bound)	mg/kg	1.2	-	-	-	40	-	1.2	1.2		1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Benzo(b&j)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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(ghi)perylene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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(k)fluoranthene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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(ah)anthracene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	Fluorene	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	Naphthalene	mg/kg	0.5	11,000	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	mg/kg	0.5	-	-	-	-	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	Total PAH	mg/kg	0.5	-	-	-	4000	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRH	TRH >C10-C16	mg/kg	50	-	-	-	-	-	<50	<50		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 50	< 50
	TRH >C10-C16 less Naphthalene (F2)	mg/kg	50	20000	-	1000	-	-	<50	<50		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 50	< 50
	TRH >C10-C40 (total)*	mg/kg	100	-	-	-	-	-	<100	610		< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	330	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	610	< 200	590	150	< 100
	TRH >C16-C34 (F3)	mg/kg	100	27000	-	5000	-	-	<100	590		< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	160	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	430	< 200	590	150	< 100
	TRH >C34-C40 (F4)	mg/kg	100	38,400	-	10600	-	-	<100	180		< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	170	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	180	< 200	< 200	< 100	< 100
	TRH C10-C14	mg/kg	20	-	-	-	-	-	<20	<20		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 20	< 20
	TRH C10-C36 (Total)	mg/kg	50	-	-	-	-	-	<50	660		< 50	< 50	< 50	< 50	56	< 50	< 50	< 50	< 50	< 50	61	51	153	< 50	< 50	< 50	< 50	< 50	56	< 50	< 50	< 50	51	< 50	490	160	660	178	< 50
	TRH C15-C28	mg/kg	50	-	-	-	-	-	<50	270		50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	55	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	210	< 100	270	68	< 50
	TRH C29-C36	mg/kg	50	-	-	-	-	-	<50	390		< 50	< 50	< 50	< 50	56	< 50	< 50	< 50	< 50	< 50	61	51	98	< 50	< 50	< 50	< 50	< 50	56	< 50	< 50	< 50	51	< 50	280	160	390	110	< 50
	TRH C6-C10	mg/kg	20	26,000	-	-	-	-	<20	<20		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	TRH C6-C10 less BTEX (F1)	mg/kg	20	-	310	800	-	-	<20	<20		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	TRH C6-C9	mg/kg	20	-	-	-	-	-	<20	<20		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
BTEX	Benzene	mg/kg	0.1	430	4	-	-	-	<0.1	<0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Ethylbenzene	mg/kg	0.1	27000	NL	-	-	-	<0.1	<0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	m/p-xylene	mg/kg	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	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	o-xylene	mg/kg	0.1	-	-	-	-	-	<0.1	<0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Toluene	mg/kg	0.1	99000	NL	-	-	-	<0.1	<0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Total Xylenes	mg/kg	0.3	81000	NL	-	-	-	<0.3	<0.3		< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
OCP	4,4 - DDD	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.05	< 0.05
	4,4 - DDE	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.05	< 0.05
	4,4 - DDT	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.05	< 0.05
	a - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.05	< 0.05
	Aldrin	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.05	< 0.05
	Aldrin + Dieldrin (total)	mg/kg	0.05	-	-	-	45	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.05	< 0.05
	b - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.05	< 0.05
	Chlordanes (total)	mg/kg	0.1	-	-	-	530	-	<0.1	<0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	-	-	-	-	-	-	-	-	-	-	-	< 1	< 1	< 1	< 0.1	< 0.1
	d - BHC	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05
	DDT + DDE + DDD (total)	mg/kg	0.05	-	-	-	3600	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05
	Dieldrin	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Endosulfan 1	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Endosulfan 2	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Endosulfan sulphate	mg/kg	0.05	-	-	-	2000	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Endrin	mg/kg	0.05	-	-	-	100	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Endrin Aldehyde	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Endrin Ketone	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	g-BHC (Lindane)	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Heptachlor	mg/kg	0.05	-	-	-	50	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Heptachlor epoxide	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Hexachlorobenzene	mg/kg	0.05	-	-	-	80	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Methoxychlor	mg/kg	0.05	-	-	-	-	-	<0.05	<0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-	-	-	-	-	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
	Toxaphene	mg/kg	0.5	-	-	-	160	-	<0.5	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	-	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	-	-	-	-	-	-	-	-	-	< 10	< 10	< 10	< 0.5	< 0.5
	Vic EPA IWRG 621 OCP Stotal)	mg/kg	0.1	-	-

Table 1. Chemical Results Summary

alliance geotechnical & environmental solutions

		Metals								BTEX							TRH							
		Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc	Naphthalene (VOC)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	C6-C10 Fraction (F1)	C6-C10 (F1 minus BTEX)	>C10-C16 Fraction (F2)	>C10-C16 Fraction (F2 minus Naphthalene)	>C16-C34 Fraction (F3)	>C34-C40 Fraction (F4)	>C10-C40 Fraction (Sum)
		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	µg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		2	0.4	2	5	5	0.1	2	5	0.5	0.1	0.1	0.1	0.2	0.1	0.3	10	10	20	50	50	100	100	50
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	700			1,000		3500	10,000	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand										NL	3	NL	NL	NL		230		260			NL			
Use and Disposal of Biosolids Products (NSW EPA 2000)																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		3,000	900	3600	240,000	1,500	730	6,000	400,000															
Field ID	**Date**																							
DUP1	**27 Mar 2023**										<0.1	<0.1	<0.1	<0.2	<0.1	<0.3								
DUP02	**28 Mar 2023**									<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	100	<100	100
DUP03	**29 Mar 2023**	5.3	<0.4	13	38	20	<0.1	25	120															
DUP_06	**27 Mar 2023**	8.4	<0.4	14	32	15	<0.1	17	98															
TP147_0.0-0.1	**27 Mar 2023**	8.0	<0.4	7.4	31	10	<0.1	<5	27	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP148_0.0-0.1	**27 Mar 2023**	<2	<0.4	<5	<5	<5	<0.1	<5	18	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP149_0.0-0.1	**27 Mar 2023**	2.7	<0.4	<5	<5	5.2	<0.1	<5	8.5	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP150_0.0-0.1	**27 Mar 2023**	<2	<0.4	<5	<5	<5	<0.1	<5	5.9	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP152_0.0-0.1	**27 Mar 2023**	<2	<0.4	<5	<5	5.4	<0.1	<5	<5	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP153_0.0-0.1	**27 Mar 2023**	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP156_0.0-0.1	**28 Mar 2023**	7.2	<0.4	15	36	28	<0.1	13	89	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP157_0.45-0.55	**28 Mar 2023**	6.0	<0.4	13	26	20	<0.1	11	57	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP158_0.0-0.1	**28 Mar 2023**	17	<0.4	19	23	33	<0.1	14	63	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP166_0.0-0.1	**28 Mar 2023**	7.8	<0.4	13	16	12	<0.1	8.5	85															
TP167_0.0-0.1	**27 Mar 2023**										<0.1	<0.1	<0.1	<0.2	<0.1	<0.3								
TP168_0.0-0.1	**27 Mar 2023**	19	<0.4	23	33	30	<0.1	22	76															
TP169_0.0-0.1	**27 Mar 2023**										<0.1	<0.1	<0.1	<0.2	<0.1	<0.3								
TP169_0.0-0.1	**28 Mar 2023**	11	<0.4	18	28	28	<0.1	18	95															
TP170_0.0-0.1	**27 Mar 2023**										<0.1	<0.1	<0.1	<0.2	<0.1	<0.3								
TP171_0.0-0.1	**27 Mar 2023**										<0.1	<0.1	<0.1	<0.2	<0.1	<0.3								
TP172_0.0-0.1	**27 Mar 2023**										<0.1	<0.1	<0.1	<0.2	<0.1	<0.3								
TP173_0.1-0.2	**27 Mar 2023**										<0.1	<0.1	<0.1	<0.2	<0.1	<0.3								
TP192-0-0.1	**29 Mar 2023**																							
TP192-0.3-0.4	**29 Mar 2023**	8.0	<0.4	17	23	16	<0.1	9.4	39	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP193-0-0.1	**29 Mar 2023**	6.7	<0.4	20	27	38	<0.1	19	92															
TP194-0-0.1	**29 Mar 2023**	5.9	0.5	14	48	50	<0.1	23	120															
TP195-0-0.1	**29 Mar 2023**	5.5	<0.4	55	25	22	<0.1	47	94															
TP196-0-0.1	**29 Mar 2023**	7.0	<0.4	17	28	24	<0.1	18	89															
TP197-0-0.1	**29 Mar 2023**	8.0	<0.4	17	21	17	<0.1	16	57															
TP198-0-0.1	**29 Mar 2023**	6.1	<0.4	21	34	57	<0.1	21	110															
TP199-0-0.1	**29 Mar 2023**	5.1	<0.4	65	28	15	<0.1	52	57															
TP200-0-0.1	**29 Mar 2023**	8.9	<0.4	13	38	14	<0.1	33	110															
TP201_0.0-0.1	**28 Mar 2023**	13	<0.4	12	84	29	<0.1	15	430	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	240	110	350
TP202_0.0-0.1	**28 Mar 2023**	15	<0.4	16	18	19	<0.1	13	56	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP203_0.0-0.1	**28 Mar 2023**	14	<0.4	14	18	58	<0.1	14	65	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP204_0.0-0.1	**28 Mar 2023**	25	<0.4	22	28	21	<0.1	23	85	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP205_0.1-0.2	**28 Mar 2023**	12	<0.4	17	44	24	<0.1	25	89	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP206_0.0-0.1	**28 Mar 2023**	12	<0.4	60	31	13	<0.1	62	91	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP207_0.1-0.2	**28 Mar 2023**	11	<0.4	14	27	18	<0.1	14	70	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP208_0.0-.1	**28 Mar 2023**	11	<0.4	13	21	18	<0.1	13	140	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP209_0.0-0.1	**27 Mar 2023**	9.5	<0.4	11	20	12	<0.1	11	66	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP210_0.0-0.1	**27 Mar 2023**	7.2	<0.4	19	30	18	<0.1	25	76	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP211_0.0-0.1	**27 Mar 2023**	7.8	<0.4	15	23	23	<0.1	12	53	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP212_0.0-0.1	**27 Mar 2023**	<2	<0.4	7.6	<5	<5	<0.1	5.5	23	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP213_0.0-0.1	**27 Mar 2023**	11	<0.4	14	37	26	<0.1	15	180	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP214_0.1-0.2	**27 Mar 2023**	13	<0.4	25	39	26	<0.1	27	270	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP215_0.0-0.1	**27 Mar 2023**	9.1	<0.4	24	38	22	<0.1	19	120	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP216_0.0-0.1	**27 Mar 2023**	6.7	<0.4	15	58	24	<0.1	12	150	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	150	170	320
TP219_0.0-0.1	**27 Mar 2023**	7.6	<0.4	14	15	17	<0.1	6.4	23	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP225_0.4-0.5	**28 Mar 2023**	16	<0.4	18	43	20	<0.1	23	120	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP226_0.4-0.5	**28 Mar 2023**	9.9	<0.4	13	19	13	<0.1	9.6	34															
TP228_0.0-0.1	**27 Mar 2023**	10	<0.4	18	35	20	<0.1	11	45	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP235-0-0.1	**29 Mar 2023**	16	<0.4	13	24	54	<0.1	10	62	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	<100	<100	<100
TP235-0.4-0.5	**29 Mar 2023**	12	<0.4	12	82	44	0.1	6.6	70	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<20	<20		<50	<50	700	160	860
TP235-0.9-1.0	**29 Mar 2023**																							
TRIP02	**28 Mar 2023**									<1	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<10		<50	<50	<100	<100	<50
TRIP03	**29 Mar 2023**	<5	<1	14	32	22	<0.1	27	115															
TRIP_06	**27 Mar 2023**	6	<1	14	24	13	<0.1	12	89															
Statistics																								
Number of Results		**47**	**47**	**47**	**47**	**47**	**47**	**47**	**47**	**33**	**40**	**40**	**40**	**40**	**40**	**40**	**33**	**33**	**1**	**33**	**33**	**33**	**33**	**33**
Number of Detects		**41**	**1**	**42**	**41**	**43**	**1**	**41**	**45**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**3**	**4**
Minimum Concentration		**<2**	**<0.4**	**<5**	**<5**	**<5**	**0.1**	**<5**	**<5**	**<0.5**	**<0.1**	**<0.1**	**<0.1**	**<0.2**	**<0.1**	**<0.3**	**<10**	**<10**	**<20**	**<50**	**<50**	**100**	**<100**	**<50**
Minimum Detect		**2.7**	**0.5**	**7.4**	**15**	**5.2**	**0.1**	**5.5**	**5.9**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**100**	**110**	**100**
Maximum Concentration		**25**	**<1**	**65**	**84**	**58**	**0.1**	**62**	**430**	**<1**	**<0.2**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<20**	**<20**	**<20**	**<50**	**<50**	**700**	**170**	**860**
Maximum Detect		**25**	**0.5**	**65**	**84**	**58**	**0.1**	**62**	**430**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**700**	**170**	**860**
Average Concentration *		**8.8**	**0.22**	**17**	**29**	**22**	**0.051**	**17**	**86**	**0.26**	**0.051**	**0.055**	**0.055**	**0.1**	**0.055**	**0.15**	**9.8**	**9.8**		**25**	**25**	**80**	**59**	**93**
Median Concentration *		**8**	**0.2**	**14**	**28**	**20**	**0.05**	**14**	**76**	**0.25**	**0.05**	**0.05**	**0.05**	**0.1**	**0.05**	**0.15**	**10**	**10**	**10**	**25**	**25**	**50**	**50**	**50**
Standard Deviation *		**5**	**0.074**	**13**	**17**	**14**	**0.0073**	**12**	**71**	**0.044**	**0.0079**	**0.032**	**0.032**	**0.024**	**0.032**	**0.016**	**0.87**	**0.87**		**0**	**0**	**117**	**29**	**154**
95% UCL (Student's-t) *		**10.08**	**0.237**	**20.14**	**32.68**	**25.09**	**0.0528**	**19.91**	**103.3**	**0.27**	**0.0534**	**0.0634**	**0.0634**	**0.11**	**0.0634**	**0.157**	**10.11**	**10.11**		**25**	**25**	**114.6**	**67.44**	**138.1**
% of Detects		**87**	**2**	**89**	**87**	**91**	**2**	**87**	**96**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**9**	**12**
% of Non-Detects		**13**	**98**	**11**	**13**	**9**	**98**	**13**	**4**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**88**	**91**	**88**

* A Non Detect Multiplier of 0.5 has been applied.
NL = Non-Limiting

Environmental Standards
NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
Use and Disposal of Biosolids Products (NSW EPA 2000)

Table 1. Chemical Results Summary

alliance geotechnical & environmental solutions

		Chlorinated Hydrocarbons																											
		Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
		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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																														
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
Use and Disposal of Biosolids Products (NSW EPA 2000)																														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																														
Field ID	**Date**																													
DUP1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DUP02	**28 Mar 2023**																													
DUP03	**29 Mar 2023**																													
DUP_06	**27 Mar 2023**																													
TP147_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP148_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP149_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP150_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP152_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP153_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP156_0.0-0.1	**28 Mar 2023**																													
TP157_0.45-0.55	**28 Mar 2023**																													
TP158_0.0-0.1	**28 Mar 2023**																													
TP166_0.0-0.1	**28 Mar 2023**																													
TP167_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP168_0.0-0.1	**27 Mar 2023**																													
TP169_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP169_0.0-0.1	**28 Mar 2023**																													
TP170_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP171_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP172_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP173_0.1-0.2	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP192-0-0.1	**29 Mar 2023**																													
TP192-0.3-0.4	**29 Mar 2023**																													
TP193-0-0.1	**29 Mar 2023**																													
TP194-0-0.1	**29 Mar 2023**																													
TP195-0-0.1	**29 Mar 2023**																													
TP196-0-0.1	**29 Mar 2023**																													
TP197-0-0.1	**29 Mar 2023**																													
TP198-0-0.1	**29 Mar 2023**																													
TP199-0-0.1	**29 Mar 2023**																													
TP200-0-0.1	**29 Mar 2023**																													
TP201_0.0-0.1	**28 Mar 2023**																													
TP202_0.0-0.1	**28 Mar 2023**																													
TP203_0.0-0.1	**28 Mar 2023**																													
TP204_0.0-0.1	**28 Mar 2023**																													
TP205_0.1-0.2	**28 Mar 2023**																													
TP206_0.0-0.1	**28 Mar 2023**																													
TP207_0.1-0.2	**28 Mar 2023**																													
TP208_0.0-.1	**28 Mar 2023**																													
TP209_0.0-0.1	**27 Mar 2023**																													
TP210_0.0-0.1	**27 Mar 2023**																													
TP211_0.0-0.1	**27 Mar 2023**																													
TP212_0.0-0.1	**27 Mar 2023**																													
TP213_0.0-0.1	**27 Mar 2023**																													
TP214_0.1-0.2	**27 Mar 2023**																													
TP215_0.0-0.1	**27 Mar 2023**																													
TP216_0.0-0.1	**27 Mar 2023**																													
TP219_0.0-0.1	**27 Mar 2023**																													
TP225_0.4-0.5	**28 Mar 2023**																													
TP226_0.4-0.5	**28 Mar 2023**																													
TP228_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP235-0-0.1	**29 Mar 2023**																													
TP235-0.4-0.5	**29 Mar 2023**																													
TP235-0.9-1.0	**29 Mar 2023**																													
TRIP02	**28 Mar 2023**																													
TRIP03	**29 Mar 2023**																													
TRIP_06	**27 Mar 2023**																													
Statistics																														
Number of Results		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Number of Detects		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration *		0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration *		0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation *		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95% UCL (Student's-t) *		0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
% of Detects		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% of Non-Detects		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

* A Non Detect Multiplier of 0.5 has been applied.
NL = Non-Limiting

Environmental Standards
NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
Use and Disposal of Biosolids Products (NSW EPA 2000)

Table 1. Chemical Results Summary

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		Halogenated Benzenes							Halogenated Hydrocarbons					MAH				
		1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	Total MAH	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	Styrene
		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
EQL		0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
Use and Disposal of Biosolids Products (NSW EPA 2000)																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								80										
Field ID	**Date**																	
DUP1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DUP02	**28 Mar 2023**																	
DUP03	**29 Mar 2023**							<0.05										
DUP_06	**27 Mar 2023**							<0.05										
TP147_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP148_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP149_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP150_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP152_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP153_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP156_0.0-0.1	**28 Mar 2023**							<0.05										
TP157_0.45-0.55	**28 Mar 2023**							<0.05										
TP158_0.0-0.1	**28 Mar 2023**							<0.05										
TP166_0.0-0.1	**28 Mar 2023**							<0.05										
TP167_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP168_0.0-0.1	**27 Mar 2023**							<0.05										
TP169_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP169_0.0-0.1	**28 Mar 2023**							<0.05										
TP170_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP171_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP172_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP173_0.1-0.2	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP192-0-0.1	**29 Mar 2023**																	
TP192-0.3-0.4	**29 Mar 2023**																	
TP193-0-0.1	**29 Mar 2023**							<0.05										
TP194-0-0.1	**29 Mar 2023**							<0.05										
TP195-0-0.1	**29 Mar 2023**							<0.05										
TP196-0-0.1	**29 Mar 2023**							<0.05										
TP197-0-0.1	**29 Mar 2023**							<0.05										
TP198-0-0.1	**29 Mar 2023**							<0.05										
TP199-0-0.1	**29 Mar 2023**							<0.05										
TP200-0-0.1	**29 Mar 2023**							<0.05										
TP201_0.0-0.1	**28 Mar 2023**							<0.5										
TP202_0.0-0.1	**28 Mar 2023**							<0.05										
TP203_0.0-0.1	**28 Mar 2023**							<0.05										
TP204_0.0-0.1	**28 Mar 2023**							<0.05										
TP205_0.1-0.2	**28 Mar 2023**							<0.05										
TP206_0.0-0.1	**28 Mar 2023**							<0.05										
TP207_0.1-0.2	**28 Mar 2023**							<0.05										
TP208_0.0-.1	**28 Mar 2023**							<0.5										
TP209_0.0-0.1	**27 Mar 2023**							<0.05										
TP210_0.0-0.1	**27 Mar 2023**							<0.05										
TP211_0.0-0.1	**27 Mar 2023**							<0.05										
TP212_0.0-0.1	**27 Mar 2023**							<0.05										
TP213_0.0-0.1	**27 Mar 2023**							<0.5										
TP214_0.1-0.2	**27 Mar 2023**							<0.05										
TP215_0.0-0.1	**27 Mar 2023**							<0.5										
TP216_0.0-0.1	**27 Mar 2023**							<0.5										
TP219_0.0-0.1	**27 Mar 2023**							<0.5										
TP225_0.4-0.5	**28 Mar 2023**							<0.05										
TP226_0.4-0.5	**28 Mar 2023**																	
TP228_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP235-0-0.1	**29 Mar 2023**							<0.05										
TP235-0.4-0.5	**29 Mar 2023**							<0.05										
TP235-0.9-1.0	**29 Mar 2023**																	
TRIP02	**28 Mar 2023**																	
TRIP03	**29 Mar 2023**							<0.05										
TRIP_06	**27 Mar 2023**							<0.05										
Statistics																		
Number of Results		**14**	**14**	**14**	**14**	**14**	**14**	**52**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**
Number of Detects		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Minimum Concentration		**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.05**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
Minimum Detect		**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Maximum Concentration		**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
Maximum Detect		**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Average Concentration *		**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.051**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**
Median Concentration *		**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.025**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**
Standard Deviation *		**0**	**0**	**0**	**0**	**0**	**0**	**0.073**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
95% UCL (Student's-t) *		**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.0678**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**
% of Detects		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
% of Non-Detects		**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

* A Non Detect Multiplier of 0.5 has been applied.
NL = Non-Limiting

Environmental Standards
NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
Use and Disposal of Biosolids Products (NSW EPA 2000)

Table 1. Chemical Results Summary

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		Organochlorine Pesticides																											
		Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
		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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
Use and Disposal of Biosolids Products (NSW EPA 2000)																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							45		530						3,600		2,000				100				50		2,500	160
Field ID	**Date**																												
DUP1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DUP02	**28 Mar 2023**																												
DUP03	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DUP_06	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP147_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP148_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP149_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP150_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP152_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP153_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP156_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP157_0.45-0.55	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP158_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP166_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP167_0.0-0.1	**27 Mar 2023**	0.47	0.3	<0.05	<0.05	<0.05	0.17	<0.05	0.3			<0.05	<0.05	<0.05	<0.05	0.17		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP168_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP169_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP169_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP170_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP171_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP172_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP173_0.1-0.2	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP192-0-0.1	**29 Mar 2023**																												
TP192-0.3-0.4	**29 Mar 2023**																												
TP193-0-0.1	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP194-0-0.1	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP195-0-0.1	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP196-0-0.1	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP197-0-0.1	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP198-0-0.1	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP199-0-0.1	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP200-0-0.1	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP201_0.0-0.1	**28 Mar 2023**	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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	<10
TP202_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP203_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP204_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP205_0.1-0.2	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP206_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP207_0.1-0.2	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP208_0.0-.1	**28 Mar 2023**	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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	<10
TP209_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP210_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP211_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP212_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP213_0.0-0.1	**27 Mar 2023**	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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	<10
TP214_0.1-0.2	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP215_0.0-0.1	**27 Mar 2023**	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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	<10
TP216_0.0-0.1	**27 Mar 2023**	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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	<10
TP219_0.0-0.1	**27 Mar 2023**	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<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	<10
TP225_0.4-0.5	**28 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP226_0.4-0.5	**28 Mar 2023**																												
TP228_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP235-0-0.1	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP235-0.4-0.5	**29 Mar 2023**	<0.1	<0.1	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
TP235-0.9-1.0	**29 Mar 2023**																												
TRIP02	**28 Mar 2023**																												
TRIP03	**29 Mar 2023**			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	
TRIP_06	**27 Mar 2023**			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	
Statistics																													
Number of Results		**50**	**50**	**52**	**52**	**52**	**52**	**52**	**52**	**2**	**2**	**52**	**52**	**52**	**52**	**52**	**2**	**52**	**52**	**52**	**52**	**52**	**52**	**52**	**52**	**52**	**52**	**52**	**50**
Number of Detects		**1**	**1**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Minimum Concentration		**<0.1**	**<0.1**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<0.5**
Minimum Detect		**0.47**	**0.3**	**ND**	**ND**	**ND**	**0.17**	**ND**	**0.3**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**0.17**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Maximum Concentration		**<1**	**<1**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<1**	**<0.05**	**<0.05**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.05**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<10**
Maximum Detect		**0.47**	**0.3**	**ND**	**ND**	**ND**	**0.17**	**ND**	**0.3**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**0.17**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Average Concentration *		**0.11**	**0.11**	**0.051**	**0.051**	**0.051**	**0.054**	**0.051**	**0.11**	**0.025**	**0.025**	**0.051**	**0.051**	**0.054**	**0.051**	**0.054**	**0.025**	**0.051**	**0.051**	**0.051**	**0.051**	**0.051**	**0.051**	**0.051**	**0.051**	**0.051**	**0.051**	**0.054**	**0.82**
Median Concentration *		**0.05**	**0.05**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.05**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.025**	**0.25**
Standard Deviation *		**0.16**	**0.15**	**0.073**	**0.073**	**0.073**	**0.074**	**0.073**	**0.15**	**0**	**0**	**0.073**	**0.073**	**0.073**	**0.073**	**0.074**	**0**	**0.073**	**0.073**	**0.073**	**0.073**	**0.073**	**0.073**	**0.073**	**0.073**	**0.073**	**0.073**	**0.073**	**1.6**
95% UCL (Student's-t) *		**0.149**	**0.145**	**0.0678**	**0.0678**	**0.0678**	**0.071**	**0.0678**	**0.14**	**0.025**	**0.025**	**0.0678**	**0.0678**	**0.0708**	**0.0678**	**0.071**	**0.025**	**0.0678**	**0.0678**	**0.0678**	**0.0678**	**0.0678**	**0.0678**	**0.0678**	**0.0678**	**0.0678**	**0.0678**	**0.0708**	**1.19**
% of Detects		**2**	**2**	**0**	**0**	**0**	**2**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
% of Non-Detects		**98**	**98**	**100**	**100**	**100**	**98**	**100**	**98**	**100**	**100**	**100**	**100**	**100**	**100**	**98**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

* A Non Detect Multiplier of 0.5 has been applied.
NL = Non-Limiting

Environmental Standards
NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
Use and Disposal of Biosolids Products (NSW EPA 2000)

Table 1. Chemical Results Summary

alliance geotechnical & environmental solutions

		PAH																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
		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
EQL		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
Use and Disposal of Biosolids Products (NSW EPA 2000)																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		4,000
Field ID	**Date**																	
DUP1	**27 Mar 2023**																	
DUP02	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DUP03	**29 Mar 2023**																	
DUP_06	**27 Mar 2023**																	
TP147_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP148_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP149_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP150_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP152_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP153_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP156_0.0-0.1	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP157_0.45-0.55	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP158_0.0-0.1	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP166_0.0-0.1	**28 Mar 2023**																	
TP167_0.0-0.1	**27 Mar 2023**																	
TP168_0.0-0.1	**27 Mar 2023**																	
TP169_0.0-0.1	**27 Mar 2023**																	
TP169_0.0-0.1	**28 Mar 2023**																	
TP170_0.0-0.1	**27 Mar 2023**																	
TP171_0.0-0.1	**27 Mar 2023**																	
TP172_0.0-0.1	**27 Mar 2023**																	
TP173_0.1-0.2	**27 Mar 2023**																	
TP192-0-0.1	**29 Mar 2023**																	
TP192-0.3-0.4	**29 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP193-0-0.1	**29 Mar 2023**																	
TP194-0-0.1	**29 Mar 2023**																	
TP195-0-0.1	**29 Mar 2023**																	
TP196-0-0.1	**29 Mar 2023**																	
TP197-0-0.1	**29 Mar 2023**																	
TP198-0-0.1	**29 Mar 2023**																	
TP199-0-0.1	**29 Mar 2023**																	
TP200-0-0.1	**29 Mar 2023**																	
TP201_0.0-0.1	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP202_0.0-0.1	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP203_0.0-0.1	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP204_0.0-0.1	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP205_0.1-0.2	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP206_0.0-0.1	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP207_0.1-0.2	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP208_0.0-.1	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP209_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP210_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP211_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP212_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP213_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP214_0.1-0.2	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP215_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP216_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP219_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP225_0.4-0.5	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP226_0.4-0.5	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP228_0.0-0.1	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP235-0-0.1	**29 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP235-0.4-0.5	**29 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP235-0.9-1.0	**29 Mar 2023**																	
TRIP02	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TRIP03	**29 Mar 2023**																	
TRIP_06	**27 Mar 2023**																	

Statistics

Number of Results	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**
Number of Detects	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Minimum Concentration	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
Minimum Detect	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Maximum Concentration	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
Maximum Detect	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
Average Concentration *	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**
Median Concentration *	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**
Standard Deviation *	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
95% UCL (Student's-t) *	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**
% of Detects	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
% of Non-Detects	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**

* A Non Detect Multiplier of 0.5 has been applied.
NL = Non-Limiting

Environmental Standards
NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
Use and Disposal of Biosolids Products (NSW EPA 2000)

Table 1. Chemical Results Summary

alliance geotechnical & environmental solutions

		PCBs								Solvents					TPH							Microbiological	
		Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	Methyl Ethyl Ketone	4-Methyl-2-pentanone	Acetone	Allyl chloride	Carbon disulfide	C6-C9 Fraction			C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum)	E.Coli	Thermotolerant coliforms
		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	µg/L	%	mg/kg	mg/kg	mg/kg	mg/kg	MPN/g	MPN/g
EQL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	10	20		20	50	50	50	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
Use and Disposal of Biosolids Products (NSW EPA 2000)																						100	1000
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									7														
Field ID	**Date**																						
DUP1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5									
DUP02	**28 Mar 2023**														<20			<20	<50	110	110		
DUP03	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
DUP_06	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP147_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<20			<20	<50	<50	<50		
TP148_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<20			<20	<50	<50	<50		
TP149_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<20			<20	<50	<50	<50		
TP150_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	1.0	<0.5	<0.5	<20			<20	<50	<50	<50		
TP152_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	0.7	<0.5	<0.5	<20			<20	<50	<50	<50		
TP153_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	0.6	<0.5	<0.5	<20			<20	<50	<50	<50		
TP156_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	84	84		
TP157_0.45-0.55	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP158_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP166_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP167_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5									
TP168_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP169_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5									
TP169_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP170_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	0.7	<0.5	<0.5									
TP171_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5									
TP172_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	0.7	<0.5	<0.5									
TP173_0.1-0.2	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	0.7	<0.5	<0.5									
TP192-0-0.1	**29 Mar 2023**																					<10	10
TP192-0.3-0.4	**29 Mar 2023**														<20			<20	<50	<50	<50		
TP193-0-0.1	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP194-0-0.1	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP195-0-0.1	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP196-0-0.1	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP197-0-0.1	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP198-0-0.1	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP199-0-0.1	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP200-0-0.1	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1														
TP201_0.0-0.1	**28 Mar 2023**	<1	<1	<1	<1	<1	<1	<1	<1						<20			<20	88	210	298		
TP202_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP203_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP204_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP205_0.1-0.2	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP206_0.0-0.1	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP207_0.1-0.2	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP208_0.0-.1	**28 Mar 2023**	<1	<1	<1	<1	<1	<1	<1	<1						<20			<20	<50	57	57		
TP209_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP210_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP211_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP212_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP213_0.0-0.1	**27 Mar 2023**	<1	<1	<1	<1	<1	<1	<1	<1						<20			<20	<50	63	63		
TP214_0.1-0.2	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP215_0.0-0.1	**27 Mar 2023**	<1	<1	<1	<1	<1	<1	<1	<1						<20			<20	<50	59	59		
TP216_0.0-0.1	**27 Mar 2023**	<1	<1	<1	<1	<1	<1	<1	<1						<20			<20	60	160	220		
TP219_0.0-0.1	**27 Mar 2023**	<1	<1	<1	<1	<1	<1	<1	<1						<20			<20	<50	<50	<50		
TP225_0.4-0.5	**28 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50		
TP226_0.4-0.5	**28 Mar 2023**																						
TP228_0.0-0.1	**27 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	0.8	<0.5	<0.5	<20			<20	<50	<50	<50		
TP235-0-0.1	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	<50	<50	<50	260	260
TP235-0.4-0.5	**29 Mar 2023**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						<20			<20	290	470	760	<10	<10
TP235-0.9-1.0	**29 Mar 2023**																					97	110
TRIP02	**28 Mar 2023**														<10			<50	<100	<100	<50		
TRIP03	**29 Mar 2023**								<0.1														
TRIP_06	**27 Mar 2023**								<0.1														
Statistics																							
Number of Results		50	50	50	50	50	50	50	52	14	14	14	14	14	33	1	1	33	33	33	33		
Number of Detects		0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	1	0	3	8	8		
Minimum Concentration		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<20	71	<20	<50	<50	<50		
Minimum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND	71	ND	60	57	57		
Maximum Concentration		<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	1	<0.5	<0.5	<20	<20	71	<50	290	470	760		
Maximum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	71	ND	290	470	760		
Average Concentration *		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.25	0.25	0.5	0.25	0.25	9.8			10	37	56	69		
Median Concentration *		0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.25	0.25	0.425	0.25	0.25	10	10	71	10	25	25	25		
Standard Deviation *		0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0	0	0.27	0	0	0.87			2.6	47	85	137		
95% UCL (Student's-t) *		0.139	0.139	0.139	0.139	0.139	0.139	0.139	0.136	0.25	0.25	0.624	0.25	0.25	10.11			11.22	50.69	81.6	109.5		
% of Detects		0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	100	0	9	24	24		
% of Non-Detects		100	100	100	100	100	100	100	100	100	100	50	100	100	100	100	0	100	91	76	76		

* A Non Detect Multiplier of 0.5 has been applied.
NL = Non-Limiting

Environmental Standards
NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
Use and Disposal of Biosolids Products (NSW EPA 2000)

Table 2. Asbestos Soil Quantification Results

alliance

Sample ID	Date Sampled	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL D - FA/AF	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL D - Bonded ACM	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL D - Asbestos in surface soils	Laboratory Results			On-site gravimetric results			
					Asbestos Detected/ Not-Detected	Percentage of AF/FA <7mm (%w/w)	Percentage of Bonded ACM >7mm (500ml) (%w/w)	Average Weight of Sample (10L)~ (g)	Weight of ACM fragment >7mm (g)	Percentage of asbestos as Bonded ACM >7mm (10L) (%w/w)	Recorded Field Weight (10L) (g)
TP09-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP09a-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP09b-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP09c-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP09d-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP09e-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP09f-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP09g-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP09h-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP70-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70A-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70A-0.1-0.2	29/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70B-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70B-0.1-0.2	29/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70C-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70C-0.1-0.2	29/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70D-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70E-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70E-0.1-0.2	29/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70F-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70F-0.1-0.2	29/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70G-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70G-0.1-0.2	29/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP70H-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP143-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	10100
TP144-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	11040
TP145-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	11300
TP146-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	10500
TP147-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10200
TP148-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10330
TP148-0.1-0.4	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP149-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	12400
TP149-0.1-0.4	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP150-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10800
TP150-0.1-0.5	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP151-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP151-0.1-0.3	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP152-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP152-0.1-0.4	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	10980
TP153-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10780
TP153-0.1-0.5	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP154-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP154-0.1-0.7	28/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP155-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Detected	0.944	0.039	11680	735	0.944%	11580
TP155-0-0.1 (fragment)	28/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP155-0.1-1	28/03/2023	0.001%	0.05%	-	Detected	0.00008	1.09	11680	925	1.188%	13250
TP155-0.1-1 (fragment)	28/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP155-1-1.9	28/03/2023	0.001%	0.05%	-	Detected	Not detected	0.27	11680	0	0.000%	11910
TP155-1-1.9 (fragment)	28/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP156-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10210
TP157-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP157-0.1-0.65	28/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP157-0.65-1.75	28/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP158-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10420
TP159-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Detected	0.047	2.9	11680	168	0.216%	-
TP159-0-0.1 (fragment)	28/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP160-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP161-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP164-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10120
TP165-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP166-0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10100
TP167-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	11620
TP167-0.1-0.45	27/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	11510
TP168-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP169-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10360
TP170-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	11820
TP171-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP172-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	11820
TP173-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	11680
TP174-0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	12290
TP174-0.1-0.3	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	11380
TP175-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	12310
TP175-0.1-1.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	12680
TP175-1.0-1.3	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	13120
TP176 0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP177 0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP178 0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP179 0.0-0.05	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP179 0.05-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP179 0.1-0.15	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP179 0.15-0.5	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP180-0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	11290
TP180-0.1-0.5	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	11180
TP181-0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	11180
TP181-0.1-0.3	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	11980
TP182-0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	12300
TP183 0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP183 0.1-0.3	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP184-0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP185 0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP186 0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	12400
TP186 0.1-1.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	12000
TP187 0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP187 0.1-1.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	25	0.032%	-
TP187-0.1-1.0 ASB (fragment)	29/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP188-0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP188 0.1-1.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP189 0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-			11680	8	0.010%	11320
TP189-0.0-0.1 ASB (fragment)	29/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP189-0.1-1.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP189-1.0-2.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP189-2.0-3.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	15	0.019%	-
TP189-2.0-3.0 ASB (fragment)	29/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP189-3.0-4.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	14000
TP190 0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP190-0.1-1.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	35	0.045%	-
TP190-0.1-1.1 ASB (fragment)	29/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP190-1.0-2.0	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP190-2.0-2.5	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP191-0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP191-0.1-0.7	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP192-0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	-	-	-	11680	0	0.000%	-
TP193-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	12490
TP194-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	13620
TP195-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP196-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	11980
TP197-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP198-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	14360
TP198-0.1-0.2	29/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	12520
TP199-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Detected	Not-Detected	0.001	11680	0	0.000%	10510
TP200-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	13420
TP201-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Detected	0.001	0.27	11680	Not weighed	>0.05%	-

Table 2. Asbestos Soil Quantification Results

alliance

Sample ID	Date Sampled	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL D - FA/AF	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL D - Bonded ACM	Asbestos Health Screening Level NEPM ASC 2013 (% w/w) HIL D - Asbestos in surface soils	Laboratory Results			On-site gravimetric results			
					Asbestos Detected/ Not-Detected	Percentage of AF/FA <7mm (%w/w)	Percentage of Bonded ACM >7mm (500ml) (%w/w)	Average Weight of Sample (10L)~ (g)	Weight of ACM fragment >7mm (g)	Percentage of asbestos as Bonded ACM >7mm (10L) (%w/w)	Recorded Field Weight (10L) (g)
TP201-0.0-0.1 ASB (fragment)	28/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP202-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	14100
TP203-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP204-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP204-0.1-1.0	28/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP204-1.0-2.0	28/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP204-2.0-2.7	29/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP205-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP205-0.1-0.3	28/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP206-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP207-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	33	0.042%	-
TP207-0.0-0.1 ASB (fragment)	28/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP207-0.1-0.3	28/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP208-0.0-0.1	28/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	12600
TP208-0.1-0.3	28/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP209-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP209-0.1-0.6	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP210-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP211-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP211-0.1-0.6	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP212-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP213-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP213-0.1-0.4	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP214-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP214-0.1-0.4	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP215-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP215-0.1-0.3	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP216-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP216-0.1-0.3	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP217-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10000
TP217-0.1-0.3	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP218-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	13500
TP218-0.1-0.4	27/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TP219-0.0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	14500
TP219-0.1-0.3	27/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP228-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP229-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Detected	0.053	5.19	11680	2350	3.018%	11750
TP229-0-0.1 BULK (fragment)	27/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP229-0.1-0.2	27/03/2023	0.001%	0.05%	-	Detected	0.0003	Not Detected	11680	1650	2.119%	10380
TP229-0.1-0.2 (fragment)	27/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP230-0-0.1	27/03/2023	0.001%	0.05%	No visible asbestos	Detected	0.001	Not Detected	11680	0	0.000%	-
TP230-0.1-0.2	27/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP231 -0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Detected	0.0057	Not-Detected	11680	35	0.045%	9560
TP231 FRAG (fragment)	29/03/2023	-	-	-	Detected	-	-	-	-	-	-
TP232-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	10010
TP233-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	9980
TP234-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	12850
TP235-0.0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TP235-0.1-1.0	29/03/2023	0.001%	0.05%	-	Not-Detected	Not-Detected	Not-Detected	11680	0	0.000%	-
TRENCH1A-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Detected	-	-	11680	17	0.021%	-
TRENCH1A-0-0.1 BULK (fragment)	29/03/2023	-	-	-	Detected	-	-	-	-	-	-
TRENCH1A-0.1-0.4	29/03/2023	0.001%	0.05%	-	-	-	-	11680	0	0.000%	-
TRENCH1B-0-0.1	29/03/2023	0.001%	0.05%	No visible asbestos	Detected	-	-	11680	12	0.015%	-
TRENCH1B-0-0.1 BULK (fragment)	29/03/2023	-	-	-	Detected	-	-	-	-	-	-
TRENCH1B-0.1-0.25	29/03/2023	0.001%	0.05%	-	-						-
SS101 (fragment)	29/03/2023	-	-	-	Detected	-	-	-	-	-	-
SS102 (fragment)	29/03/2023	-	-	-	Detected	-	-	-	-	-	-
Average	-	-	-	-	-	-	-	-	-	-	11680

Legend

	Highlighted concentration exceeds the adopted site criteria - Asbestos Health Screening Level (w/w) - NEPM ASC 2013 AF/FA
	Highlighted concentration exceeds the adopted site criteria - Asbestos Health Screening Level (w/w) - NEPM ASC 2013 Bonded ACM
	Highlighted concentration exceeds the adopted site criteria - Asbestos Health Screening Level (w/w) - NEPM ASC 2013 Surface Soil
	Asbestos Detected
ACM	**Asbestos Containing Material**
FA and AF	**Fibrous Asbestos and Asbestos Fines**
-	**No published criteria or sample not analysed**
NL	**Not Limiting**
*****	**Detected at below the limit of reporting**
~	**Weight of sample is based on an average of select samples which were weighed on site as shown in column 'Recorded Field Weight'. Refer to section 12.1.1.3 of the report.**

Table 3
290-308 Aldington Road and 59-63 Abbots Road, Kemps Creek NSW
RPD Results
13546-ER-2-3

				BTEX								TRH									
				Naphthalene (VOC)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	C6-C10 Fraction (F1)	C6-C10 (F1 minus BTEX)	>C10-C16 Fraction (F2)	>C10-C16 Fraction (F2 minus Naphthalene)	>C16-C34 Fraction (F3)	>C34-C40 Fraction (F4)	>C10-C40 Fraction (Sum)	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons EPAVic	1,1,1,2-tetrachloroethane
				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
EQL				0.5	0.1	0.1	0.1	0.2	0.1	0.3	0.2	10	10	50	50	100	100	50	0.5	0.5	0.5
Lab Report Number	**Field ID**	**Matrix Type**	**Date**																		
976577	**TP168_0.0-0.1**	**Soil**	**27 Mar 2023**																		
976577	**DUP1**	**Soil**	**27 Mar 2023**		<0.1	<0.1	<0.1	<0.2	<0.1	<0.3									<0.5	<0.5	<0.5
RPD																					
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3		<20	<20	<50	<50	<100	<100	<100			
976577	**DUP_06**	**Soil**	**27 Mar 2023**																		
RPD																					
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3		<20	<20	<50	<50	<100	<100	<100			
ES2310537	**TRIP_06**	**Soil**	**27 Mar 2023**																		
RPD																					
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3		<20	<20	<50	<50	<100	<100	<100			
976410	**DUP02**	**Soil**	**28 Mar 2023**	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3		<20	<20	<50	<50	100	<100	100			
RPD				0	0	0	0	0	0	0		0	0	0	0	0	0	0			
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3		<20	<20	<50	<50	<100	<100	<100			
ES2310970	**TRIP02**	**Soil**	**28 Mar 2023**	<1	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<10	<10	<50	<50	<100	<100	<50			
RPD				0	0	0	0	0	0	0		0	0	0	0	0	0	0			
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**																		
977053	**DUP03**	**Soil**	**29 Mar 2023**																		
RPD																					
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**																		
ES2310971	**TRIP03**	**Soil**	**29 Mar 2023**																		
RPD																					

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: unlimited (1 - 10 x EQL); 50 (10 - 20 x EQL); 30 (> 20 x EQL))**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory**

Table 3
290-308 Aldington Road and 59-63 Abbots Road, Kemps Creek NSW
RPD Results
13546-ER-2-3

alliance

				Chlorinated Hydrocarbons																	
				1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene
				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
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lab Report Number	**Field ID**	**Matrix Type**	**Date**																		
976577	**TP168_0.0-0.1**	**Soil**	**27 Mar 2023**																		
976577	**DUP1**	**Soil**	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD																					
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**																		
976577	**DUP_06**	**Soil**	**27 Mar 2023**																		
RPD																					
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**																		
ES2310537	**TRIP_06**	**Soil**	**27 Mar 2023**																		
RPD																					
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**																		
976410	**DUP02**	**Soil**	**28 Mar 2023**																		
RPD																					
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**																		
ES2310970	**TRIP02**	**Soil**	**28 Mar 2023**																		
RPD																					
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**																		
977053	**DUP03**	**Soil**	**29 Mar 2023**																		
RPD																					
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**																		
ES2310971	**TRIP03**	**Soil**	**29 Mar 2023**																		
RPD																					

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier ran**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any**

Table 3
290-308 Aldington Road and 59-63 Abbots Road, Kemps Creek NSW
RPD Results
13546-ER-2-3

													Halogenated Benzenes								Halogenated Hydroc	
				cis-1,3-dichloropropene	Dibromomethane	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluorometh ane
				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
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5
Lab Report Number	**Field ID**	**Matrix Type**	**Date**																		
976577	**TP168_0.0-0.1**	**Soil**	**27 Mar 2023**															<0.05			
976577	**DUP1**	**Soil**	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5
RPD																		0			
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**															<0.05			
976577	**DUP_06**	**Soil**	**27 Mar 2023**															<0.05			
RPD																		0			
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**															<0.05			
ES2310537	**TRIP_06**	**Soil**	**27 Mar 2023**															<0.05			
RPD																		0			
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**															<0.05			
976410	**DUP02**	**Soil**	**28 Mar 2023**																		
RPD																					
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**															<0.05			
ES2310970	**TRIP02**	**Soil**	**28 Mar 2023**																		
RPD																					
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**															<0.05			
977053	**DUP03**	**Soil**	**29 Mar 2023**															<0.05			
RPD																		0			
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**															<0.05			
ES2310971	**TRIP03**	**Soil**	**29 Mar 2023**															<0.05			
RPD																		0			

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier ran**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any**

Table 3
290-308 Aldington Road and 59-63 Abbots Road, Kemps Creek NSW
RPD Results
13546-ER-2-3

alliance

				arbons		Inorganics		MAH					Metals								
				Iodomethane	Trichlorofluoromethane	Moisture Content	Moisture Content (dried @ 103°C)	Total MAH	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	Styrene	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc	Organochlorine pesticides EPAVic
				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
EQL				0.5	0.5	1	1	0.5	0.5	0.5	0.5	0.5	2	0.4	2	5	5	0.1	2	5	0.1
Lab Report Number	**Field ID**	**Matrix Type**	**Date**																		
976577	**TP168_0.0-0.1**	**Soil**	**27 Mar 2023**				18						19	<0.4	23	33	30	<0.1	22	76	<0.1
976577	**DUP1**	**Soil**	**27 Mar 2023**	<0.5	<0.5		19	<0.5	<0.5	<0.5	<0.5	<0.5									<0.1
RPD							5														0
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**				14						9.5	<0.4	11	20	12	<0.1	11	66	<0.1
976577	**DUP_06**	**Soil**	**27 Mar 2023**				16						8.4	<0.4	14	32	15	<0.1	17	98	<0.1
RPD							13						12	0	24	46	22	0	43	39	0
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**				14						9.5	<0.4	11	20	12	<0.1	11	66	<0.1
ES2310537	**TRIP_06**	**Soil**	**27 Mar 2023**			16.3							6	<1	14	24	13	<0.1	12	89	
RPD													45	0	24	18	8	0	9	30	
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**				21						7.2	<0.4	15	36	28	<0.1	13	89	<0.1
976410	**DUP02**	**Soil**	**28 Mar 2023**				21														
RPD							0														
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**				21						7.2	<0.4	15	36	28	<0.1	13	89	<0.1
ES2310970	**TRIP02**	**Soil**	**28 Mar 2023**			20.6															
RPD																					
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**				11						8.9	<0.4	13	38	14	<0.1	33	110	<0.1
977053	**DUP03**	**Soil**	**29 Mar 2023**				10						5.3	<0.4	13	38	20	<0.1	25	120	<0.1
RPD							10						51	0	0	0	35	0	28	9	0
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**				11						8.9	<0.4	13	38	14	<0.1	33	110	<0.1
ES2310971	**TRIP03**	**Soil**	**29 Mar 2023**			15.3							<5	<1	14	32	22	<0.1	27	115	
RPD													56	0	7	17	44	0	20	4	

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Table 3
290-308 Aldington Road and 59-63 Abbots Road, Kemps Creek NSW
RPD Results
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				Organochlorine Pesticides																
				Other organochlorine pesticides EPAVic	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate
				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
EQL				0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Lab Report Number	**Field ID**	**Matrix Type**	**Date**																		
976577	**TP168_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.1	<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	<0.05
976577	**DUP1**	**Soil**	**27 Mar 2023**	<0.1	<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	<0.05
RPD				0	0	0	0	0	0	0			0	0	0	0	0		0	0	0
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.1	<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	<0.05
976577	**DUP_06**	**Soil**	**27 Mar 2023**	<0.1	<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	<0.05
RPD				0	0	0	0	0	0	0			0	0	0	0	0		0	0	0
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.1	<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	<0.05
ES2310537	**TRIP_06**	**Soil**	**27 Mar 2023**		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPD					0	0	0	0	0	0			0	0	0	0	0		0	0	0
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**	<0.1	<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	<0.05
976410	**DUP02**	**Soil**	**28 Mar 2023**																		
RPD																					
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**	<0.1	<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	<0.05
ES2310970	**TRIP02**	**Soil**	**28 Mar 2023**																		
RPD																					
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**	<0.1	<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	<0.05
977053	**DUP03**	**Soil**	**29 Mar 2023**	<0.1	<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	<0.05
RPD				0	0	0	0	0	0	0			0	0	0	0	0		0	0	0
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**	<0.1	<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	<0.05
ES2310971	**TRIP03**	**Soil**	**29 Mar 2023**		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPD					0	0	0	0	0	0			0	0	0	0	0		0	0	0

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Table 3
290-308 Aldington Road and 59-63 Abbots Road, Kemps Creek NSW
RPD Results
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alliance

																				PAH	
				Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a) pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				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
EQL				0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lab Report Number	**Field ID**	**Matrix Type**	**Date**																		
976577	**TP168_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5										
976577	**DUP1**	**Soil**	**27 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5										
RPD				0	0	0	0	0	0	0	0										
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
976577	**DUP_06**	**Soil**	**27 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5										
RPD				0	0	0	0	0	0	0	0										
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ES2310537	**TRIP_06**	**Soil**	**27 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2											
RPD				0	0	0	0	0	0	0											
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
976410	**DUP02**	**Soil**	**28 Mar 2023**									<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD												0	0	0	0	0	0	0	0	0	0
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
ES2310970	**TRIP02**	**Soil**	**28 Mar 2023**									<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD												0	0	0	0	0	0	0	0	0	0
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5										
977053	**DUP03**	**Soil**	**29 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5										
RPD				0	0	0	0	0	0	0	0										
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5										
ES2310971	**TRIP03**	**Soil**	**29 Mar 2023**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2											
RPD				0	0	0	0	0	0	0											

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Table 3
290-308 Aldington Road and 59-63 Abbots Road, Kemps Creek NSW
RPD Results
13546-ER-2-3

														PCBs							Solvents	
				Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	Methyl Ethyl Ketone	4-Methyl-2-pentanone	Acetone
				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
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5
Lab Report Number	**Field ID**	**Matrix Type**	**Date**																		
976577	**TP168_0.0-0.1**	**Soil**	**27 Mar 2023**								<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
976577	**DUP1**	**Soil**	**27 Mar 2023**								<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5
RPD											0	0	0	0	0	0	0	0			
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
976577	**DUP_06**	**Soil**	**27 Mar 2023**								<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
RPD											0	0	0	0	0	0	0	0			
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
ES2310537	**TRIP_06**	**Soil**	**27 Mar 2023**															<0.1			
RPD																		0			
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
976410	**DUP02**	**Soil**	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5											
RPD				0	0	0	0	0	0	0											
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
ES2310970	**TRIP02**	**Soil**	**28 Mar 2023**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5											
RPD				0	0	0	0	0	0	0											
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**								<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
977053	**DUP03**	**Soil**	**29 Mar 2023**								<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
RPD											0	0	0	0	0	0	0	0			
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**								<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
ES2310971	**TRIP03**	**Soil**	**29 Mar 2023**															<0.1			
RPD																		0			

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Table 3
290-308 Aldington Road and 59-63 Abbots Road, Kemps Creek NSW
RPD Results
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						TPH				
				Allyl chloride	Carbon disulfide	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	10	20	50	50	50
Lab Report Number	**Field ID**	**Matrix Type**	**Date**							
976577	**TP168_0.0-0.1**	**Soil**	**27 Mar 2023**							
976577	**DUP1**	**Soil**	**27 Mar 2023**	<0.5	<0.5					
RPD										
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**			<20	<20	<50	<50	<50
976577	**DUP_06**	**Soil**	**27 Mar 2023**							
RPD										
976577	**TP209_0.0-0.1**	**Soil**	**27 Mar 2023**			<20	<20	<50	<50	<50
ES2310537	**TRIP_06**	**Soil**	**27 Mar 2023**							
RPD										
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**			<20	<20	<50	84	84
976410	**DUP02**	**Soil**	**28 Mar 2023**			<20	<20	<50	110	110
RPD						0	0	0	27	27
976410	**TP156_0.0-0.1**	**Soil**	**28 Mar 2023**			<20	<20	<50	84	84
ES2310970	**TRIP02**	**Soil**	**28 Mar 2023**			<10	<50	<100	<100	<50
RPD						0	0	0	0	51
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**							
977053	**DUP03**	**Soil**	**29 Mar 2023**							
RPD										
977053	**TP200-0-0.1**	**Soil**	**29 Mar 2023**							
ES2310971	**TRIP03**	**Soil**	**29 Mar 2023**							
RPD										

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
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