



**Attachment C – Borelogs**

# Borehole Log

Hole ID.

**BH1**



**WSP Environmental Pty Ltd**

Level 1, 41 McLaren Street  
North Sydney NSW 2060  
Office: +61 (0)2 8925 6700  
www.wspgroup.com

Project Name: **Orica Mercury Independant Review**  
 Project Number: **45970**  
 Location / Site: **Baird Reserve**  
 Client: **NSW EPA**  
 Drill Company: **N/A**  
 Drill Method: **Hand Auger**  
 Date Started: **10/02/2015**  
 Date Completed: **10/02/2015**

Hole Depth: **0.50 m**  
 GW Encountered: **No**  
 Easting: **336442**  
 Northing: **6241038**  
 Zone: **56H**

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
	0.1				Grass					
	0.2									
	0.30			Fill	<b>FILL</b> - SAND, dark brown, medium grained, some root inclusions, occasional brick fragments.	dry	BH1_0.0-0.05	7	max = 2	No visual or olfactory signs of contamination observed.
	0.4		SP	Natural	<b>SAND</b> - light grey, medium grained.	slightly moist				
	0.50						BH1_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

**Observations**

**Notes**

Asbestos | No visual evidence of asbestos noted during drilling.  
 Staining | No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.  
 Odour | No olfactory (e.g. odour) evidence of contamination noted during drilling.  
 Groundwater | No groundwater encountered during drilling.

Hg Vapour (ng/m<sup>3</sup>) 1m above Ground Level: max = <2, Avg = ---.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:16 AM



Log Drawn By: Laurie White  
 Contact: laurie.white@reumad.com.au

Logged By: **Aaron Young**  
 Checked By: **Colin McKay**

Date: **10/02/2015**  
 Date: **24/03/2015**

<b>Borehole Log</b>		<b>Hole ID. BH2</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>		Hole Depth: <b>0.50 m</b>
	Project Number: <b>45970</b>		GW Encountered: <b>No</b>
	Location / Site: <b>Baird Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>		Easting: <b>336431</b>
Date Started: <b>10/02/2015</b>		Northing: <b>6241064</b>	
Date Completed: <b>10/02/2015</b>		Zone: <b>56H</b>	

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					<i>Woodchip and Topsoil</i>					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, medium grained, some root inclusions, some gravel inclusions.	slightly moist	BH2_0.0-0.05	6.5	max = 4	No visual or olfactory signs of contamination observed.
	0.2									
	0.30			SP Natural	<b>SAND</b> - light grey, medium grained.	slightly moist				No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = ---.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>10/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:17 AM

<b>Borehole Log</b>		<b>Hole ID. BH3</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Barwon Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337087</b>	
Date Started: <b>10/02/2015</b>	Northing: <b>6240756</b>		
Date Completed: <b>10/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, medium grained, root inclusions, gravel inclusions (20mmØ), mudstone, shale, bitumen, blue metal, plastic.	dry	BH3_0.0-0.05	6	max = 2	
	0.25				<b>FILL</b> - Silty SAND, dark brown, medium grained, gravel inclusions (50-80mmØ), sandstone, bitumen, blue metal.	dry	BH3_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 2, Avg = ---.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>10/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:18 AM

<b>Borehole Log</b>		<b>Hole ID. BH4</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Barwon Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336985</b>	
Date Started: <b>10/02/2015</b>	Northing: <b>6240792</b>		
Date Completed: <b>10/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, medium grained, occasional gravel inclusions (<10mmØ), occasional plastic fragments.	dry	BH4_0.0-0.05	6	max = 11 Avg = 9	
	0.2									
	0.3									
	0.4						BH4_0.4-0.5			
	0.50									
	0.6				<b>End of Hole at 0.50m in Fill</b>					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 14, Avg = 12.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>10/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:18 AM

<b>Borehole Log</b>		<b>Hole ID. BH5</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Barwon Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337003</b>	
Date Started: <b>10/02/2015</b>	Northing: <b>6240894</b>		
Date Completed: <b>10/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, medium grained, root inclusions.	moist	BH5_0.0-0.05	6	max = 22	No visual or olfactory signs of contamination observed.
	0.2				<b>FILL</b> - SAND, light brown, occasional grey Silt mottles, medium grained.	very wet	BH5_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.30				<b>End of Hole at 0.50m in Fill</b>					
	0.4									
	0.50									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 25, Avg = ---.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>10/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:19 AM

<b>Borehole Log</b>		<b>Hole ID. BH6</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Barwon Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336948</b>	
Date Started: <b>10/02/2015</b>	Northing: <b>6240987</b>		
Date Completed: <b>10/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark grey / brown, fine to medium grained, occasional gravel inclusions (10-30mmØ), occasional roots and plastic.	slightly moist	BH6_0.0-0.05	6.5	max = <2	
	0.2									
	0.30		SP	Natural	<b>SAND</b> - yellow, medium grained, minor concretions.	slightly moist	BH6_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = ----.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:20 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>10/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH7</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Barwon Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337040</b>	
Date Started: <b>10/02/2015</b>	Northing: <b>6241033</b>		
Date Completed: <b>10/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, medium grained, root inclusions.	slightly moist	BH7_0.0-0.05	7	max = <2 Avg = <2	No visual or olfactory signs of contamination observed.
	0.2				<b>FILL</b> - Sandy SILT, darker brown, medium grained, a clinker inclusion.	slightly moist	BH7_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.30				<b>End of Hole at 0.50m in Fill</b>					
	0.4									
	0.50									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = <2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:21 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>10/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH8</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Barwon Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337049</b>	
Date Started: <b>10/02/2015</b>	Northing: <b>6240456</b>		
Date Completed: <b>10/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, medium grained, root inclusions.	slightly moist	BH8_0.0-0.05	7	max = 3 Avg = 3	No visual or olfactory signs of contamination observed.
	0.2									
	0.30									
	0.35		SP	Natural	<b>SAND</b> - brown, medium grained.	slightly moist	BH8_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4		SP		<b>SAND</b> - dark orange, medium grained, occasional sand concretions.	slightly moist				
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 4, Avg = 2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:21 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>10/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<h2 style="margin:0;">Borehole Log</h2> <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	<p><b>Project Name:</b> Orica Mercury Independant Review</p> <p><b>Project Number:</b> 45970</p> <p><b>Location / Site:</b> Franklin Street Reserve</p> <p><b>Client:</b> NSW EPA</p> <p><b>Drill Company:</b> N/A</p> <p><b>Drill Method:</b> Hand Auger</p> <p><b>Date Started:</b> 10/02/2015</p> <p><b>Date Completed:</b> 10/02/2015</p>	<p><b>Hole ID:</b> BH9</p> <p><b>Hole Depth:</b> 0.50 m</p> <p><b>GW Encountered:</b> No</p> <p><b>Easting:</b> 337691</p> <p><b>Northing:</b> 6240467</p> <p><b>Zone:</b> 56H</p>
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Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark grey, medium grained, disturbed, glass fragment.	slightly moist	BH9_0.0-0.05	6.5	max = 5 Avg = 2	No visual or olfactory signs of contamination observed.
	0.15			SP Natural	<b>SAND</b> - light grey / brown, medium grained.	slightly moist				No visual or olfactory signs of contamination observed.
	0.2									
	0.3									
	0.4						BH9_0.4-0.5			
	0.50				<b>End of Hole at 0.50m</b> in Natural					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

<p><b>Observations</b></p> <p>Asbestos   No visual evidence of asbestos noted during drilling.</p> <p>Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.</p> <p>Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.</p> <p>Groundwater   No groundwater encountered during drilling.</p>	<p><b>Notes</b></p> <p>Hg Vapour (ng/m<sup>3</sup>) 1m above Ground Level: max = 2, Avg = &lt;2.</p>
<p>Log Drawn By: Laurie White Contact: laurie.white@reumad.com.au</p>	<p>Logged By: Philippa Childs Checked By: Colin McKay</p> <p>Date: 10/02/2015 Date: 24/03/2015</p>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:22 AM

<b>Borehole Log</b>		<b>Hole ID.</b>	<b>BH10</b>	
 <b>WSP Environmental Pty Ltd</b>  Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com	Project Name:	<b>Orica Mercury Independant Review</b>	Hole Depth:	<b>0.50 m</b>
	Project Number:	<b>45970</b>	GW Encountered:	<b>No</b>
	Location / Site:	<b>Franklin Street Reserve</b>		
	Client:	<b>NSW EPA</b>		
	Drill Company:	<b>N/A</b>		
	Drill Method:	<b>Hand Auger</b>	Easting:	<b>337745</b>
Date Started:	<b>10/02/2015</b>	Northing:	<b>6240463</b>	
Date Completed:	<b>10/02/2015</b>	Zone:	<b>56H</b>	

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1		SP	Natural	SAND - grey / brown, medium grained, root inclusions.	slightly moist	BH10_0.0-0.05	6.5	max = 18 Avg = 16	No visual or olfactory signs of contamination observed.
	0.15		SP		SAND - light yellow, medium grained.	slightly moist				No visual or olfactory signs of contamination observed.
	0.2		SP		SAND - light grey, medium grained.	slightly moist				BH10_0.4-0.5
	0.3									
	0.40									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 18, Avg = 16.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White Contact: laurie.white@reumad.com.au	Logged By: Philippa Childs Checked By: Colin McKay	Date: 10/02/2015 Date: 24/03/2015
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WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:23 AM

<b>Borehole Log</b>		<b>Hole ID. BH11</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rabaul Way Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337619</b>	
Date Started: <b>10/02/2015</b>	Northing: <b>6241277</b>	Zone: <b>56H</b>	
Date Completed: <b>10/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1		SP	Natural	SAND - SAND, light brown / yellow, fine to medium grained, occasional small root inclusions.	dry	BH11_0.0-0.05	6	max = 46 Avg = 38	No visual or olfactory signs of contamination observed.
	0.15				grading to .....					
	0.2				SAND - light yellow, medium to coarse grained.	slightly moist				No visual or olfactory signs of contamination observed.
	0.3									
	0.4						BH11_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 41, Avg = 40.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:24 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>10/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH12</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rabaul Way Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337600</b>	
Date Started: <b>10/02/2015</b>	Northing: <b>6241302</b>		
Date Completed: <b>10/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, fine grained, occasional inclusions of clay, coke, ash, sandstone and concrete cobbles (100-150mmØ).		BH12_0.0-0.05	---	max = <2 Avg = <2	
	0.2									
	0.3				grading to ....					
	0.40			Natural	<b>SAND</b> - light brown, medium grained.	slightly moist	BH12_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50									
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = <2.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>10/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:25 AM

<b>Borehole Log</b>		<b>Hole ID. BH13</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nagle Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336619</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6242705</b>		
Date Completed: <b>11/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown / grey, medium grained, root inclusions.	dry	BH13_0.0-0.05	---	max = 2 Avg = 2	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - SAND, light grey, fine to medium grained, occasional bitumen fragments and gravels (20mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.2									
	0.30		SP	Natural	<b>SAND</b> - light grey / white, fine to medium grained.	dry	BH13_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 7, Avg = 5.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:25 AM

<b>Borehole Log</b>		<b>Hole ID. BH14</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nagle Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336673</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6242767</b>	Zone: <b>56H</b>	
Date Completed: <b>11/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine grained, root inclusions.	dry	BH14_0.0-0.05	6	max = 10 Avg = 8	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - SAND, light brown / dark brown mottled, fine to medium grained, dark brown sand concretions.	dry				
	0.2									
	0.3									
	0.4						BH14_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 10, Avg = 9.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:26 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH15</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>		Hole Depth: <b>0.50 m</b>
	Project Number: <b>45970</b>		GW Encountered: <b>No</b>
	Location / Site: <b>Nagle Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>		Easting: <b>336730</b>
Date Started: <b>11/02/2015</b>		Northing: <b>6242829</b>	
Date Completed: <b>11/02/2015</b>		Zone: <b>56H</b>	

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine to medium grained, root inclusions, coke / charcoal gravel inclusions (5-15mmØ).	dry	BH15_0.0-0.05	7	max = 3 Avg = 2	
	0.15				<b>FILL</b> - SAND, light brown, slightly mottled, medium grained, with sand concretions (10-30mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.2			SP Natural	<b>SAND</b> - dark brown / grey, fine grained.	slightly moist	BH15_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.30									
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 2, Avg = 2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:27 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH16</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nagle Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336817</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6242783</b>		
Date Completed: <b>11/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine to medium grained, occasional gravel inclusions (50mmØ).	dry	BH16_0.0-0.05	5.5	max = 3 Avg = 2	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - SAND, dark brown / grey, medium to coarse grained, coke and sandstone gravel inclusions (10-40mmØ).	dry				
	0.2		SP	Natural	<b>SAND</b> - light brown / grey, medium grained.	slightly moist	BH16_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.30									
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 4, Avg = 3.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:28 AM

<b>Borehole Log</b>		<b>Hole ID. BH17</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nagle Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336750</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6242708</b>		
Date Completed: <b>11/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.10			Fill	<b>FILL</b> - SAND, dark brown, fine to medium grained, occasional coke / charcoal gravel inclusions (5mmØ).	dry	BH17_0.0-0.05	6.5	max = 25 Avg = 18	
	0.20				<b>FILL</b> - SAND, dark grey / light grey, medium grained, 30% coke / charcoal gravel inclusions (5-10mmØ).	dry				
	0.30				<b>FILL</b> - SAND, light yellow / grey, medium grained.	slightly moist				
	0.4			SP Natural	<b>SAND</b> - light grey, medium grained.	slightly moist	BH17_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 20, Avg = 16.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:28 AM

<b>Borehole Log</b>		<b>Hole ID. BH18</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.30 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nagle Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336678</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6242634</b>	Zone: <b>56H</b>	
Date Completed: <b>11/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Samples / Tests			Observations / Comments
						ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass				
	0.1			Fill	<b>FILL</b> - SAND, dark brown, light grey / yellow sand concretions (5-50mmØ), occasional dark brown sand concretions (10-15mmØ).	BH18_0.0-0.05	5.5	max = 8 Avg = 7	No visual or olfactory signs of contamination observed.
	0.2					BH18_0.2-0.3			
	0.30				<b>Refusal at 0.30m</b> in Fill on gravel inclusions				
	0.4								
	0.5								
	0.6								
	0.7								
	0.8								
	0.9								
	1.0								

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 6, Avg = 5.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:29 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH19</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336672</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6241650</b>		
Date Completed: <b>11/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine grained, root inclusions.	dry	BH19_0.0-0.05	6	max = 27 Avg = 19	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - Silty SAND, grey / brown mottled, fine grained.	dry				No visual or olfactory signs of contamination observed.
	0.2			Natural	<b>SAND</b> - light grey, fine grained.	slightly moist	BH19_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.35									
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 39, Avg = 26.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:30 AM

<b>Borehole Log</b>		<b>Hole ID. BH20</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.30 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336630</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6241906</b>	Zone: <b>56H</b>	
Date Completed: <b>11/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown, fine grained, igneous gravel inclusions (5-40mmØ).	dry	BH20_0.0-0.05	7.5	max = 24 Avg = 20	No visual or olfactory signs of contamination observed.
	0.2		BH20_0.2-0.3							
	0.30				<b>Refusal at 0.30m</b> in Fill due to cobbles					
	0.4									
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 22, Avg = 18.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:31 AM

<b>Borehole Log</b>		<b>Hole ID. BH21</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336986</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6241973</b>		
Date Completed: <b>11/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					<i>Sand</i>					
	0.1		SP	Natural	<b>SAND</b> - SAND, white, medium grained, root inclusions.	dry	BH21_0.0-0.05	5.5	max = 6 Avg = 4	No visual or olfactory signs of contamination observed.
	0.2									
	0.30		SP	Natural	<b>SAND</b> - SAND, light yellow, slightly mottled, medium grained.	slightly moist	BH21_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 4, Avg = 4.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:31 AM

<b>Borehole Log</b>		<b>Hole ID. BH22</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337092</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6241862</b>		
Date Completed: <b>11/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine grained.	dry	BH22_0.0-0.05	5	max = 27 Avg = 22	No visual or olfactory signs of contamination observed.	
	0.15				<b>FILL</b> - Silty SAND, dark brown / light brown mottled, fine grained, coal gravel inclusions (5-20mmØ).	slightly moist					
	0.2			SP Natural	<b>SAND</b> - light brown, medium grained.	slightly moist				No visual or olfactory signs of contamination observed.	
	0.25										
	0.3										
	0.4						BH22_0.4-0.5				
	0.50				<b>End of Hole at 0.50m in Natural</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 22, Avg = 19.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:32 AM

<b>Borehole Log</b>		<b>Hole ID. BH23</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336871</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6241836</b>	Zone: <b>56H</b>	
Date Completed: <b>11/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine grained, root inclusions.	dry	BH23_0.0-0.05	5	max = 31 Avg = 26	No visual or olfactory signs of contamination observed.	
	0.15				<b>FILL</b> - Silty SAND, brown / grey, fine to medium grained, clinker gravel inclusions (5-30mmØ).	slightly moist					
	0.2			SP Natural	<b>SAND</b> - grey, medium grained, gravel concretions (5mmØ).	slightly moist				No visual or olfactory signs of contamination observed.	
	0.25										
	0.3										
	0.4						BH23_0.4-0.5				
	0.50				<b>End of Hole at 0.50m in Natural</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 29, Avg = 24.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:33 AM

<b>Borehole Log</b>		<b>Hole ID. BH24</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336855</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6241682</b>	Zone: <b>56H</b>	
Date Completed: <b>11/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests				Observations / Comments
							ID No.	pH	DUP TRIP QC	Hg Vapour ng/m <sup>3</sup>	
					Grass						
	0.1			Fill	<b>FILL</b> - SAND, light brown, fine to medium grained, clinker gravel inclusions (5-80mmØ), sandstone gravel inclusions (5-50mmØ).	dry	BH24_0.0-0.05	7	Dup3 Trip3	max = 27 Avg = 19	
	0.30		SP	Natural	<b>SAND</b> - light brown / light yellow mottled, fine to medium grained.	slightly moist	BH24_0.4-0.5				No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m</b> in Natural						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 23, Avg = 18.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:34 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH25</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336953</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6242140</b>		
Date Completed: <b>11/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, very fine to fine grained, clinker gravel inclusions (5-30mmØ).	dry	BH25_0.0-0.05	6	max = 18 Avg = 14	
	0.2				<b>FILL</b> - SAND, light grey, fine grained, gravel inclusions (to 5mmØ).	slightly moist	BH25_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.3									
	0.40									
	0.50									
	0.6				<b>End of Hole at 0.50m in Fill</b>					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 14, Avg = 11.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:34 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH26</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337874</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6242163</b>		
Date Completed: <b>11/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, very fine to fine grained, clinker gravel inclusions (5-30mmØ).	dry	BH26_0.0-0.05	7	max = 26 Avg = 22	
	0.25				<b>FILL</b> - SAND, brown / light grey mottled, fine to medium grained, clinker gravel inclusions (5-15mmØ).	slightly moist	BH26_0.4-0.5			
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 22, Avg = 19.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:35 AM

<b>Borehole Log</b>		<b>Hole ID. BH27</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337217</b>	
Date Started: <b>11/02/2015</b>	Northing: <b>6242006</b>		
Date Completed: <b>11/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine to medium grained, occasional clinker gravel inclusions (40mmØ).	dry	BH27_0.0-0.05	8.5	max = 18 Avg = 14	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - SAND, grey / brown mottled, fine to medium grained, occasional clinker gravel inclusions (10-40mmØ).	slightly moist				
	0.25		SP	Natural	<b>SAND</b> - light grey, medium grained.	slightly moist				
	0.3								BH27_0.4-0.5	
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 14, Avg = 6.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:36 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>11/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH28</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.30 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337177</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6242340</b>	Zone: <b>56H</b>	
Date Completed: <b>12/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine grained, igneous gravel inclusions (5-30mmØ).	dry	BH28_0.0-0.05	7	max = 26 Avg = 24	No visual or olfactory signs of contamination observed.
	0.2						BH28_0.2-0.3			
	0.30				<b>Refusal at 0.30m in Fill</b>					
	0.4									
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 23, Avg = 19.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:37 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH29</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336917</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6242292</b>		
Date Completed: <b>12/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, light brown, fine grained, root inclusions.	dry	BH29_0.0-0.05	7	max = 6 Avg = 2	No visual or olfactory signs of contamination observed.
	0.25		Grading to ....							
	0.3				<b>FILL</b> - SAND, light grey / brown, fine grained, with glass and aluminium fragments.	dry	BH29_0.4-0.5			
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 4, Avg = 2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:37 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH30</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336871</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6242305</b>	Zone: <b>56H</b>	
Date Completed: <b>12/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, light brown, fine to very fine grained, occasional clinker gravel (10-20mmØ).	dry	BH30_0.0-0.05	6	max = 14 Avg = 10	
	0.2									
	0.3									
	0.40									
	0.50			Natural	<b>FILL</b> - SAND, light brown, fine to medium grained.	slightly moist	BH30_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 11, Avg = 10.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:38 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH31</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336500</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6242252</b>		
Date Completed: <b>12/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, slightly Silty, brown, fine to very fine grained, root inclusions.	dry	BH31_0.0-0.05	6.5	max = 24 Avg = 16	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - SAND, brown, fine to medium grained.	dry				No visual or olfactory signs of contamination observed.
	0.3		SP	Natural	<b>SAND</b> - light brown, medium grained.	slightly moist	BH31_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.35									
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 33, Avg = 23.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:39 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH32</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336545</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6242066</b>		
Date Completed: <b>12/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown, fine grained, root inclusions.	dry	BH32_0.0-0.05	6	max = 18 Avg = 12	No visual or olfactory signs of contamination observed.
	0.2									
	0.3									
	0.40		SP	Natural	<b>SAND</b> - light brown, fine to medium grained.	dry	BH32_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50									
					<b>End of Hole at 0.50m</b> in Natural					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 12, Avg = 10.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:40 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH33</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Heffron Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336777</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6241935</b>	Zone: <b>56H</b>	
Date Completed: <b>12/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine to medium grained, root inclusions.	dry	BH33_0.0-0.05	7	max = 22 Avg = 16	No visual or olfactory signs of contamination observed.
	0.2									
	0.30		SP	Natural	<b>SAND</b> - light brown, fine to medium grained.	dry	BH33_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 18, Avg = 14.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:40 AM

<b>Borehole Log</b>		<b>Hole ID. BH34</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.30 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Pioneers Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>338060</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6240988</b>		
Date Completed: <b>12/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine grained, occasional gravel inclusions (5-10mm), concretions of sand and gravel.	dry	BH34_0.0-0.05	8	max = 33 Avg = 28	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - Silty SAND, dark brown / grey, fine grained, clumps of moist clay, fibrous material (likely geofabric), occasional glass inclusions.	slightly moist	BH34_0.2-0.3			
	0.30				<b>Refusal at 0.30m in Fill</b>					
	0.4									
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 27, Avg = 23.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:41 AM

<b>Borehole Log</b>		<b>Hole ID. BH35</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Pioneers Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>338186</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6241077</b>	Zone: <b>56H</b>	
Date Completed: <b>12/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty Clayey SAND, dark brown, root inclusions.	dry	BH35_0.0-0.05	5.5	max = 53 Avg = 51	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - Sandy CLAY, dark brown / grey, stiff.	moist	BH35_0.3-0.4	No visual or olfactory signs of contamination observed.		
	0.3									
	0.40				<b>Refusal at 0.40m in Fill</b>					
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 40, Avg = 35.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:42 AM

<b>Borehole Log</b>		<b>Hole ID. BH36</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Pioneers Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>338107</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6241173</b>		
Date Completed: <b>12/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Samples / Tests			Observations / Comments
						ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass				
	0.1			Fill	<b>FILL</b> - SAND, light brown, medium grained, occasional sand concretions or sandstone gravel inclusions (5-50mmØ).	BH36_0.0-0.05	6.5	max = 59 Avg = 50	No visual or olfactory signs of contamination observed.
	0.2				Grading to ....				
	0.30				<b>FILL</b> - SAND, light brown / brown, medium grained, sandstone gravel inclusions (10-50mmØ).	BH36_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4								
	0.50				<b>End of Hole at 0.50m in Fill</b>				
	0.6								
	0.7								
	0.8								
	0.9								
	1.0								

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 36, Avg = 34.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:43 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH37</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Pioneers Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>338014</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6241091</b>		
Date Completed: <b>12/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, light brown, fine grained, root inclusions.	dry	BH37_0.0-0.05	5.5	max = 16 Avg = 8	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - Silty Clayey SAND, dark brown, fine grained, clay and silt concretions.	slightly moist	BH37_0.3-0.4	No visual or olfactory signs of contamination observed.		
	0.2									
	0.3									
	0.40				<b>Refusal at 0.40m</b> in Fill due to stiff clay					
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 8, Avg = 8.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:43 AM

<b>Borehole Log</b>		<b>Hole ID. BH38</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Pioneers Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>338276</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6240932</b>	Zone: <b>56H</b>	
Date Completed: <b>12/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests				Observations / Comments
							ID No.	pH	DUP TRIP QC	Hg Vapour ng/m <sup>3</sup>	
					Grass						
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, fine grained, root inclusions, occasional clinker gravel and rubber.	dry	BH38_0.0-0.05	7	Dup Trip	max = 47 Avg = 45	
	0.2		BH38_0.3-0.4								
	0.3				<b>Refusal at 0.40m</b> in Fill on cobbles						
	0.40										
	0.5										
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 52, Avg = 51.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:44 AM

<b>Borehole Log</b>		<b>Hole ID. BH39</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Pioneers Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>338206</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6240876</b>		
Date Completed: <b>12/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, light brown / light grey, fine to medium grained, root inclusions.	dry	BH39_0.0-0.05	5	max = <2 Avg = <2	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - SAND, light grey, fine grained, sandstone gravel inclusions (10-80mm).	dry	BH39_0.3-0.4	No visual or olfactory signs of contamination observed.		
	0.3									
	0.40				<b>Refusal at 0.40m</b> in Fill due to gravel					
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 2, Avg = <2.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:45 AM

<b>Borehole Log</b>		<b>Hole ID. BH40</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Pioneers Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>338099</b>	
Date Started: <b>12/02/2015</b>	Northing: <b>6240798</b>	Zone: <b>56H</b>	
Date Completed: <b>12/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, slightly Silty, dark brown, very fine to fine grained, root inclusions.	dry	BH40_0.0-0.05	6	max = 12 Avg = 7	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - SAND, light brown, fine to medium grained.	dry				No visual or olfactory signs of contamination observed.
	0.2				<b>FILL</b> - SAND, dark brown / light brown mottled, fine grained.	slightly moist				No visual or olfactory signs of contamination observed.
	0.30				<b>FILL</b> - SAND, dark brown / light brown mottled, fine grained.	slightly moist				No visual or olfactory signs of contamination observed.
	0.35			SP Natural	<b>SAND</b> - light brown / light yellow mottled, fine to medium grained, cemented sand inclusions (5-15mmØ).	slightly moist	BH40_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4				<b>SAND</b> - light brown / light yellow mottled, fine to medium grained, cemented sand inclusions (5-15mmØ).	slightly moist				No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 9, Avg = 6.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>12/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:45 AM

<b>Borehole Log</b>		<b>Hole ID. BH41</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Sir Joseph Banks Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>333555</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6241415</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1		SM	Natural	<b>Silty SAND</b> - dark brown, fine to medium grained, root inclusions.	moist	BH41_0.0-0.05	6	max = 8 Avg = 7	No visual or olfactory signs of contamination observed.
	0.15		SP		<b>SAND</b> - brown, fine to medium grained.	moist				No visual or olfactory signs of contamination observed.
	0.25		SP		Grading to ....					
	0.3				<b>SAND</b> - light brown, medium grained, shell inclusions (5-15mmØ).	moist				
	0.4						BH41_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 10, Avg = 8.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:46 AM

<b>Borehole Log</b>		<b>Hole ID. BH42</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Sir Joseph Banks Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>333921</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6241106</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1		SP	Natural	SAND - dark brown, fine to medium grained, occasional root inclusions.	moist	BH42_0.0-0.05	6	max = 4 Avg = 3	No visual or olfactory signs of contamination observed.	
	0.15				Grading to ....						No visual or olfactory signs of contamination observed.
	0.2				SAND - brown, fine to medium grained.	moist					No visual or olfactory signs of contamination observed.
	0.30				SAND - light brown, medium grained.	moist	BH42_0.4-0.5			No visual or olfactory signs of contamination observed.	
	0.4										
	0.50				<b>End of Hole at 0.50m in Natural</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 5, Avg = 3.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:47 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH43</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.60 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Sir Joseph Banks Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334035</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6241266</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown, fine to medium grained, ash inclusions (15mmØ), charcoal / coke inclusions (5mmØ), ironstone concretions (<5mmØ).	dry	BH43_0.0-0.05	7(?)	max = 3 Avg = <2	
	0.2						BH43_0.4-0.5			
	0.3									
	0.4									
	0.50		SP	Natural	<b>SAND</b> - light brown, medium.	slightly moist				No visual or olfactory signs of contamination observed.
	0.60									
					<b>End of Hole at 0.60m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 6, Avg = 2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:48 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH44</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Sir Joseph Banks Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>333222</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6241611</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.10			Fill	<b>FILL</b> - SAND, dark brown, fine grained, large amount organic matter, some roots.	dry	BH44_0.0-0.05	5.5	max = 4 Avg = 2	No visual or olfactory signs of contamination observed.
	0.25				<b>FILL</b> - SAND, brown, fine grained, occasional roots, occasional blue metal gravel inclusions (5mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.50				Grading to .... <b>FILL</b> - SAND, light brown, medium grained, shell grit, occasional blue metal gravel inclusions (5mmØ), occasional breeze.	dry	BH44_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m in Fill</b>					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 3, Avg = 2.

	Log Drawn By: Laurie White	Logged By: <b>Colin McKay</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:49 AM

<b>Borehole Log</b>		<b>Hole ID. BH45</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Sir Joseph Banks Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>332970</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6241931</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					<i>Grass / Bare Sand</i>					
	0.1		SP	Natural	<b>SAND</b> - light brown, medium grained, occasional shell grit and fragments throughout.	dry	BH45_0.0-0.05	7	max = 10 Avg = 9	No visual or olfactory signs of contamination observed.
	0.2									
	0.3									
	0.40				Grading to ....					
	0.50		SP	Natural	<b>SAND</b> - cream, medium grained.	dry	BH45_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 13, Avg = 12.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Colin McKay</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:49 AM

<b>Borehole Log</b>		<b>Hole ID. BH46</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Garnet Jackson Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334413</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242241</b>	Zone: <b>56H</b>	
Date Completed: <b>13/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Sandy Silty CLAY, dark brown, ash, coke and clinker fragments throughout (to 15mmØ).	dry	BH46_0.0-0.05	6.5	max = 38 Avg = 36	
	0.2									
	0.3									
	0.4									
	0.50						BH46_0.4-0.5			
	0.6				<b>End of Hole at 0.50m in Fill</b>					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 28, Avg = 24.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:50 AM

	Log Drawn By: Laurie White	Logged By: <b>Colin McKay</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH47</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Garnet Jackson Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334424</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242162</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown, fine grained, root inclusions, occasional iron fragments (10mmØ, very corroded).	dry	BH47_0.0-0.05	6	max = 8 Avg = 6	No visual or olfactory signs of contamination observed.
	0.15			SP	<b>SAND</b> - light brown, fine grained, root inclusions.	dry				No visual or olfactory signs of contamination observed.
	0.2			Natural	Grading to ....					
	0.35			SP	<b>SAND</b> - light brown, medium, occasional iron concretions / staining.	dry				No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 10, Avg = 8.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Colin McKay</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:51 AM

<b>Borehole Log</b>		<b>Hole ID. BH48</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.20 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Garnet Jackson Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334497</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242180</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Samples / Tests			Observations / Comments
						ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass				
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine grained, roots throughout, some blue metal and glass fragments (to 10mmØ).	BH48_0.0-0.05	6.5	max = 20 Avg = 16	No visual or olfactory signs of contamination observed.
	0.20					BH48_0.1-0.2			
	0.3				<b>Refusal at 0.20m</b> on unknown object				
	0.4								
	0.5								
	0.6								
	0.7								
	0.8								
	0.9								
	1.0								

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 19, Avg = 18.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Colin McKay</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:52 AM

<b>Borehole Log</b>		<b>Hole ID. BH49</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Garnet Jackson Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334477</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242306</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Clayey SAND, reddish orange, fine to medium grained, with brown silty sand mixed through.	dry	BH49_0.0-0.05	6	max = 31 Avg = 28	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - Silty SAND, dark brown, fine to medium, (likely Fill).	dry	BH49_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 32, Avg = 30.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:52 AM

	Log Drawn By: Laurie White	Logged By: <b>Colin McKay</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH50</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Garnet Jackson Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334412</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242351</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.10			Fill	<b>FILL</b> - Silty SAND, light brown, fine grained, root inclusions, minor coke and clinker gravel (to 5mmØ).	dry	BH50_0.0-0.05	---	max = <2 Avg = <2	
	0.2		<b>FILL</b> - Silty SAND, brown / grey, fine grained, fine blue metal gravel inclusions, crushed sandstone fragments (10-20mmØ), aluminium can.		dry	BH50_0.1-0.5				
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = <2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:53 AM

	Log Drawn By: Laurie White	Logged By: <b>Colin McKay</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH51</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Mutch Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335465</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6243073</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine grained, some charcoal and coke inclusions.	moist	BH51_0.0-0.05	7	max = 2 Avg = <2	
	0.2									
	0.3									
	0.4									
	0.50						BH51_0.4-0.5			
	0.6				<b>End of Hole at 0.50m in Fill</b>					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = <2.

	Log Drawn By: Laurie White	Logged By: <b>Aaron Young</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:54 AM

<b>Borehole Log</b>		<b>Hole ID. BH52</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>		Hole Depth: <b>0.50 m</b>
	Project Number: <b>45970</b>		GW Encountered: <b>No</b>
	Location / Site: <b>Mutch Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>		Easting: <b>335486</b>
Date Started: <b>13/02/2015</b>		Northing: <b>6243190</b>	
Date Completed: <b>13/02/2015</b>		Zone: <b>56H</b>	

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine grained, root inclusions, occasional charcoal fragments (20mmØ).	dry	BH52_0.0-0.05	6	max = 22 Avg = 21	
	0.20				<b>FILL</b> - SAND, light brown / cream mottled, medium grained, crushed sandstone fragments (30mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.30			Natural	<b>SAND</b> - dark brown, medium grained.	dry	BH52_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.40				Grading to ....					No visual or olfactory signs of contamination observed.
	0.50				<b>SAND</b> - yellow, medium grained.	dry				No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m in Fill</b>					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 15, Avg = 18.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:54 AM

	Log Drawn By: Laurie White	Logged By: <b>Aaron Young</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH53</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Mutch Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335584</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6243103</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine, some charcoal inclusions.	dry	BH53_0.0-0.05	6.5	max = 35 Avg = 30	
	0.2				<b>FILL</b> - Clayey SAND, dark brown, fine to medium grained, blue metal gravel, coke and crushed sandstone inclusions.	dry	BH53_0.4-0.5			
	0.30				<b>End of Hole at 0.50m in Fill</b>					
	0.4									
	0.50									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 22, Avg = 18.

	Log Drawn By: Laurie White	Logged By: <b>Aaron Young</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:55 AM

<b>Borehole Log</b>		<b>Hole ID. BH54</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Mutch Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335567</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242957</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests				Observations / Comments
							ID No.	pH	DUP TRIP QC	Hg Vapour ng/m <sup>3</sup>	
					Grass						
	0.1			Fill	<b>FILL</b> - SAND, dark brown, medium grained, occasional fragments of glass, plastic, coke, pine bark, blue metal gravel.	dry	BH54_0.0-0.05	6	Dup5 Trip5	max = 3 Avg = <2	No visual or olfactory signs of contamination observed.
	0.25		Grading to ....		<b>FILL</b> - SAND, brown, medium to coarse grained, with yellowish brown sandy clay and crushed sandstone.	slightly moist					
	0.3										
	0.4										
	0.50				<b>End of Hole at 0.50m in Fill</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 4, Avg = 2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:56 AM

	Log Drawn By: Laurie White	Logged By: <b>Colin McKay</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH55</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Mutch Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335516</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242868</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine grained, root inclusions, occasional concrete fragments (to 10mmØ).	dry	BH55_0.0-0.05	7	max = 5 Avg = 3	No visual or olfactory signs of contamination observed.
	0.2				<b>FILL</b> - Clayey SAND, brown, coarse grained, crushed sandstone (to 20mmØ), crushed concrete (to 10mmØ), terracotta and brick fragments (to 10mmØ).	dry	BH55_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.30				<b>End of Hole at 0.50m in Fill</b>					
	0.4									
	0.50									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 4, Avg = 4.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:57 AM

	Log Drawn By: Laurie White	Logged By: <b>Colin McKay</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH56</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Mutch Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335460</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242733</b>	Zone: <b>56H</b>	
Date Completed: <b>13/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine grained, coke inclusions (10-15mmØ), crushed concrete (10-40mmØ), woodchips, light blue powder (possibly copper).	moist	BH56_0.0-0.05	7	max = 6 Avg = 3	No olfactory signs of contamination observed.
	0.2						BH56_0.3-0.4			
	0.3									
	0.40				<b>End of Hole at 0.40m in Fill</b>					
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 8, Avg = 7.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:57 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH57</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Mutch Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335363</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242810</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Sandy Silty CLAY, dark brown, fine grained, terracotta and crushed sandstone inclusions (10mmØ).	dry	BH57_0.0-0.05	5	max = 13 Avg = 12	No visual or olfactory signs of contamination observed.
	0.25				<b>FILL</b> - Silty SAND, dark brown, fine to medium grained, tile, nail and riverstone inclusions (15mmØ).	dry	BH57_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 13, Avg = 11.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:58 AM

<b>Borehole Log</b>		<b>Hole ID. BH58</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Mutch Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335388</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6242932</b>	Zone: <b>56H</b>	
Date Completed: <b>13/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine grained.	dry	BH58_0.0-0.05	6	max = 21 Avg = 19	No visual or olfactory signs of contamination observed.
	0.25				<b>FILL</b> - SAND, grey, fine grained, tile inclusions, crushed sandstone inclusions (5-10mmØ), riverstone inclusions (15mmØ).	dry	BH58_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 20, Avg = 18.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:59 AM

<b>Borehole Log</b>		<b>Hole ID. BH59</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rhodes St</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336297</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6241501</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine to medium grained, gravel inclusions (5-10mmØ).	dry	BH59_0.0-0.05	6.5	max = 6 Avg = 4	No visual or olfactory signs of contamination observed.
	0.20		<b>FILL</b> - SAND, light grey / brown, fine to medium grained, riverstone gravel inclusions (10-25mmØ).		dry	BH59_0.4-0.5	No visual or olfactory signs of contamination observed.			
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 6, Avg = 6.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:56:59 AM

<b>Borehole Log</b>		<b>Hole ID. BH60</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rhodes St</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336226</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6241522</b>	Zone: <b>56H</b>	
Date Completed: <b>13/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine to medium grained, root inclusions, crushed sandstone (5-80mmØ), ironstone gravels (15-30mmØ).	dry	BH60_0.0-0.05	6	max = 2 Avg = <2	No visual or olfactory signs of contamination observed.
	0.25				<b>FILL</b> - SAND, slightly Silty, brown, fine to medium grained, sandstone gravel inclusions (5-20mmØ), concrete fragments (20mmØ).	dry	BH60_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 3, Avg = 2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:00 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH61</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rhodes St</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336255</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6241554</b>		
Date Completed: <b>13/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, fine to medium grained, sandstone gravel inclusions (5-50mmØ).	dry	BH61_0.0-0.05	8	max = 8 Avg = 7	
	0.2				Coke inclusions at 0.4m.		BH61_0.4-0.5			
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 9, Avg = 8.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:01 AM

<b>Borehole Log</b>		<b>Hole ID. BH62</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rhodes St</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336159</b>	
Date Started: <b>13/02/2015</b>	Northing: <b>6241607</b>	Zone: <b>56H</b>	
Date Completed: <b>13/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Clayey SAND, dark brown, cohesive, fine to medium grained.	moist	BH62_0.0-0.05	6.5	max = 17 Avg = 15	No visual or olfactory signs of contamination observed.
	0.2						BH62_0.4-0.5			
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 18, Avg = 17.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:02 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>13/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH63</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Muller Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336260</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6242226</b>	Zone: <b>56H</b>	
Date Completed: <b>17/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					<i>Woodchips / Soil</i>					
	0.1			Fill	<b>FILL</b> - SAND, light brown, medium grained, wood and root inclusions, clinker inclusions (5mmØ), riverstone inclusions (15mmØ).	dry	BH63_0.0-0.05	6.5	max = 18 Avg = 17	No visual or olfactory signs of contamination observed.
	0.2									
	0.3									
	0.40		SP	Natural	<b>SAND</b> - light orange / brown, medium grained.	dry	BH63_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50									
					<b>End of Hole at 0.50m</b> in Natural					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 17, Avg = 16.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:02 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH64</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.60 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Muller Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336234</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6242203</b>		
Date Completed: <b>17/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests				Observations / Comments
							ID No.	pH	DUP TRIP QC	Hg Vapour ng/m <sup>3</sup>	
					Grass						
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, medium grained, angular gravel inclusions (15-20mmØ).	dry	BH64_0.0-0.05	5.5	Dup6 Trip6 Dup6 (EPA)	max = 15 Avg = 14	No visual or olfactory signs of contamination observed.
	0.2						BH64_0.4-0.5				
	0.50		SP	Natural	<b>SAND</b> - light grey, medium grained, angular gravel inclusions (15-20mmØ).	slightly moist					No visual or olfactory signs of contamination observed.
	0.60										
	0.7				<b>End of Hole at 0.60m in Natural</b>						
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 13, Avg = 12.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:03 AM

<b>Borehole Log</b>		<b>Hole ID. BH65</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Jauncy PI Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336425</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6241647</b>		
Date Completed: <b>17/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / light brown, fine to medium grained, occasional gravel inclusions (5-15mmØ).	dry	BH65_0.0-0.05	6.5	max = 11 Avg = 9	No visual or olfactory signs of contamination observed.
	0.20		<b>FILL</b> - SAND, dark brown / dark grey, fine to medium grained, ash fragments, occasional charcoal and clinker inclusions.		dry	BH65_0.4-0.5				
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 10, Avg = 8.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:04 AM

<b>Borehole Log</b>		<b>Hole ID. BH66</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Jauncy PI Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336456</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6241665</b>		
Date Completed: <b>17/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, slightly Silty, dark brown, fine grained, occasional riverstone inclusions (25mmØ), crushed terracotta fragments.	dry	BH66_0.0-0.05	6	max = 8 Avg = 7	No visual or olfactory signs of contamination observed.
	0.25		SP	Natural	<b>SAND</b> - light grey, fine to medium grained.	slightly moist	BH66_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 7, Avg = 6.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:05 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH67</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Grace Campbell Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336030</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6241461</b>	Zone: <b>56H</b>	
Date Completed: <b>17/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown, fine grained, root inclusions, occasional riverstone gravel (5-15mmØ).	dry	BH67_0.0-0.05	7	max = 28 Avg = 28	No visual or olfactory signs of contamination observed.
	0.2									
	0.30		SP	Natural	<b>SAND</b> - light brown / white, fine to medium grained, occasional charcoal inclusions (5-10mmØ).	slightly moist	BH67_0.4-0.5			
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 30, Avg = 29.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:05 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

Borehole Log		Hole ID.	BH68	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name:	<b>Orica Mercury Independant Review</b>	Hole Depth:	<b>0.50 m</b>
	Project Number:	<b>45970</b>	GW Encountered:	<b>No</b>
	Location / Site:	<b>Grace Campbell Reserve</b>		
	Client:	<b>NSW EPA</b>		
	Drill Company:	<b>N/A</b>		
	Drill Method:	<b>Hand Auger</b>	Easting:	<b>336118</b>
Date Started:	<b>17/02/2015</b>	Northing:	<b>6241468</b>	
Date Completed:	<b>17/02/2015</b>	Zone:	<b>56H</b>	

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, grey / brown, fine grained, root inclusions.	dry	BH68_0.0-0.05	6	max = 28 Avg = 27	No visual or olfactory signs of contamination observed.
	0.20		SP	Natural	<b>SAND</b> - light grey, fine grained.	slightly moist	BH68_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 29, Avg = 28.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:06 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

Borehole Log		Hole ID.	BH69	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name:	<b>Orica Mercury Independant Review</b>	Hole Depth:	<b>0.50 m</b>
	Project Number:	<b>45970</b>	GW Encountered:	<b>No</b>
	Location / Site:	<b>Grace Campbell Gr Reserve</b>		
	Client:	<b>NSW EPA</b>		
	Drill Company:	<b>N/A</b>		
	Drill Method:	<b>Hand Auger</b>	Easting:	<b>336014</b>
Date Started:	<b>17/02/2015</b>	Northing:	<b>6241313</b>	
Date Completed:	<b>17/02/2015</b>	Zone:	<b>56H</b>	

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, slightly Silty, brown, fine to medium grained, occasional angular gravel inclusions (15mmØ), charcoal inclusions (<5mmØ).	dry	BH69_0.0-0.05	6	max = 24 Avg = 23	
	0.2									
	0.3									
	0.40									
	0.50		SP	Natural	<b>SAND</b> - grey, medium grained.	slightly moist	BH69_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 26, Avg = 24.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:07 AM

<b>Borehole Log</b>		<b>Hole ID. BH70</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Grace Campbell Gr Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336043</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6241319</b>		
Date Completed: <b>17/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown, fine to medium grained, root inclusions, occasional angular gravel inclusions.	dry	BH70_0.0-0.05	6.5	max = 27 Avg = 26	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - SAND, light brown, medium grained, crushed sandstone inclusions (5mmØ), charcoal (<5mmØ), riverstones (<5mmØ).	dry				
	0.2				<b>FILL</b> - Silty SAND, brown, fine grained, angular gravel inclusions (2-10mmØ), wood fragments, coke (5mmØ), charcoal (2mmØ).	dry	BH70_0.3-0.4			
	0.30									
	0.40				<b>End of Hole at 0.40m</b> in Fill on gravel					
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 26, Avg = 26.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:08 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH71</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nielson St Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335963</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6241388</b>		
Date Completed: <b>17/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine grained, root inclusions.	dry	BH71_0.0-0.05	7	max = 15 Avg = 13	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - Gravelly SAND, light brown, very stiff, fine grained, large clay inclusions, ash and coke fragments.	dry				
	0.2				<b>FILL</b> - SAND, light grey, fine to medium grained, coke inclusions (<2mmØ), clinker inclusions (2mmØ).	dry				
	0.30			Natural	<b>SAND</b> - light yellow, fine grained.	slightly moist	BH71_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.40									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 19, Avg = 18.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:08 AM

<b>Borehole Log</b>		<b>Hole ID. BH72</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nielson St Reserve</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335978</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6241388</b>	Zone: <b>56H</b>	
Date Completed: <b>17/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests				Observations / Comments
							ID No.	pH	DUP TRIP QC	Hg Vapour ng/m <sup>3</sup>	
					Grass						
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, gravel inclusions (2-5mmØ), charcoal (2-10mmØ), coke (<5mmØ).	dry	BH72_0.0-0.05	6.5	Dup7 Trip7 Dup7 (EPA)	max = 26 Avg = 25	No visual or olfactory signs of contamination observed.
	0.25		<b>FILL</b> - SAND, yellow, fine to medium grained, charcoal inclusions (<5mmØ).		dry	BH72_0.4-0.5					
	0.35		<b>FILL</b> - Silty SAND, light grey, fine to medium grained, with some clay.		dry						
	0.4										
	0.50				<b>End of Hole at 0.50m in Fill</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 24, Avg = 23. Located on top of a small mound.

 Log Drawn By: Laurie White Contact: laurie.white@reumad.com.au	Logged By: <b>Philippa Childs</b> Checked By: <b>Colin McKay</b>	Date: <b>17/02/2015</b> Date: <b>24/03/2015</b>
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WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:09 AM

<b>Borehole Log</b>		<b>Hole ID. BH73</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Purcell Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336136</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6240459</b>		
Date Completed: <b>17/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.10			Fill	<b>FILL</b> - Silty Sandy CLAY, light brown, soft, root inclusions, wood fragments, clinker (2-10mmØ).	dry	BH73_0.0-0.05	7	max = 54 Avg = 52		
	0.2				<b>FILL</b> - Silty Sandy CLAY, dark brown, firm, gravel and riverstone inclusions (10mmØ), clinker (5-15mmØ), minor coke (<2mmØ).	dry					
	0.30				<b>FILL</b> - SAND, light grey, medium grained, coke and charcoal inclusions (<2mmØ).	dry	BH73_0.4-0.5				
	0.4										
	0.50				<b>End of Hole at 0.50m in Fill</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 54, Avg = 51.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:10 AM

<b>Borehole Log</b>		<b>Hole ID. BH74</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Purcell Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336119</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6240507</b>		
Date Completed: <b>17/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark grey, loose, fine grained, occasional root inclusions, coke (2mmØ), terracotta, glass, angular gravel (40mmØ).	dry	BH74_0.0-0.05	6	max = 56 Avg = 55	
	0.2				Grading to ....					
	0.30				<b>FILL</b> - SAND, dark grey, fine to medium grained, angular gravel and coke inclusions (<5mmØ).	dry				
	0.40		SP	Natural	<b>SAND</b> - light grey, medium grained.	slightly moist	BH74_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50									
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 59, Avg = 59.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:11 AM

<b>Borehole Log</b>		<b>Hole ID. BH75</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Purcell Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336147</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6240593</b>		
Date Completed: <b>17/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Sandy SILT, light brown / grey, loose, fine grained, occasional angular gravel (5mmØ), coke (<5mmØ), charcoal.	dry	BH75_0.0-0.05	6	max = 39 Avg = 37	
	0.2				Grading to ....					
	0.30				<b>FILL</b> - Silty SAND, light grey, fine to medium grained, minor charcoal and coke fragments, gravel (<5mmØ).	dry				
	0.40									
	0.50		SP	Natural	<b>SAND</b> - light grey, medium grained.	slightly moist	BH75_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 36, Avg = 34.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:12 AM

<b>Borehole Log</b>		<b>Hole ID. BH76</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Purcell Park</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336062</b>	
Date Started: <b>17/02/2015</b>	Northing: <b>6240614</b>	Zone: <b>56H</b>	
Date Completed: <b>17/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Sandy SILT, light brown, loose, fine grained, occasional angular gravel (<5mmØ), clinker (2mmØ).	dry	BH76_0.0-0.05	6	max = 65 Avg = 64	
	0.20				<b>FILL</b> - Sandy Gravelly CLAY, brown / grey, fine to medium grained, large clumps of very stiff clay, angular gravel inclusions (2-15mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.3		SP	Natural	<b>SAND</b> - light grey, fine to medium grained.	slightly moist				No visual or olfactory signs of contamination observed.
	0.35								BH76_0.4-0.5	
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 66, Avg = 63.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>17/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:12 AM

Borehole Log		Hole ID.	BH77	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name:	<b>Orica Mercury Independant Review</b>	Hole Depth:	<b>0.40 m</b>
	Project Number:	<b>45970</b>	GW Encountered:	<b>No</b>
	Location / Site:	<b>Wentworth Ave</b>		
	Client:	<b>NSW EPA</b>		
	Drill Company:	<b>N/A</b>		
	Drill Method:	<b>Hand Auger</b>	Easting:	<b>335663</b>
Date Started:	<b>19/02/2015</b>	Northing:	<b>6242434</b>	
Date Completed:	<b>19/02/2015</b>	Zone:	<b>56H</b>	

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, light brown, fine grained, gravel inclusions (5-80mmØ), sandstone, riverstones (20mmØ).	dry	BH77_0.0-0.05	6.5	max = 6 Avg = 5	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - Silty SAND, brown, fine grained, coke and charcoal inclusions (5-10mmØ), clinker (25mmØ).	dry	BH77_0.3-0.4			
	0.3									
	0.40				<b>End of Hole at 0.40m in Fill</b>					
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 12, Avg = 9.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:13 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH78</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Wentworth Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335784</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6242389</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, occasional roots, sandstone gravel inclusions (10-40mmØ), angular riverstone (<10mmØ), occasional charcoal.	dry	BH78_0.0-0.05	6.5	max = 4 Avg = 4	
	0.50		BH78_0.4-0.5							
	0.6				<b>End of Hole at 0.50m in Fill</b>					
	0.7									
	0.8									
	0.9									
	1.0									

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 4, Avg = 3.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:14 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH79</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Denison Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335812</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6242200</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, grey / brown, fine to medium grained, wood inclusions, coke (<5mmØ), glass (15mmØ).	dry	BH79_0.0-0.05	6.5	max = 22 Avg = 21	
	0.2				Root inclusions at 0.3m.					
	0.3				Terracotta tile at 0.5m.			BH79_0.4-0.5		
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 23, Avg = 21.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:14 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH80</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Smith Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335728</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6242204</b>	Zone: <b>56H</b>	
Date Completed: <b>19/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments		
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>			
					Grass							
	0.1			Fill	<b>FILL</b> - Silty SAND, light brown, fine grained.  Crushed sandstone inclusions from 0.1m.	dry	BH80_0.0-0.05	8	max = 2 Avg = <2			
	0.2											
	0.3							Clinkers (10mmØ) at 0.3m.				
	0.4							Charcoal at 0.4m.				
	0.45				<b>FILL</b> - SAND, light grey, fine to medium grained.	dry	BH80_0.4-0.5			No visual or olfactory signs of contamination observed.		
	0.50				<b>End of Hole at 0.50m in Fill</b>							
	0.6											
	0.7											
	0.8											
	0.9											
	1.0											

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = <2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:15 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH81</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Grace Campbell Cres</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335874</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241630</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, slightly Silty, brown / grey, fine grained, wood and root inclusions, occasional gravel (10mmØ).	dry	81_0.0-0.05	5.5	max = 10 Avg = 9	No visual or olfactory signs of contamination observed.
	0.2									
	0.3									
	0.40									
	0.50		SP	Natural	<b>SAND</b> - light brown, fine to medium.	dry	81_0.4-0.5			No visual or olfactory signs of contamination observed.
					<b>End of Hole at 0.50m</b> in Natural					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 6, Avg = 2.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:16 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH82</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Denison Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335867</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241331</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments		
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>			
					Grass							
	0.1			Fill	<b>FILL</b> - SAND, slightly Silty, brown, fine to medium grained, gravel inclusions (5-15mmØ), occasional clinker (10mmØ).	dry	BH82_0.0-0.05	7	max = 7 Avg = 5	No visual or olfactory signs of contamination observed.		
	0.2											
	0.3			Natural	Grading to ....							
	0.35											
	0.4							<b>SAND</b> - light brown, fine to medium grained.	dry	BH82_0.4-0.5		
	0.50				<b>End of Hole at 0.50m in Natural</b>							
	0.6											
	0.7											
	0.8											
	0.9											
	1.0											

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 9, Avg = 9.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:17 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH83</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Denison Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335873</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241222</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Gravelly SAND, dark brown / grey, fine grained, clinker inclusions (5-30mmØ), bitumen, coke (<5mmØ), angular river gravel, white slag (5-40mmØ).	dry	BH83_0.0-0.05	6.5	max = 8 Avg = 6	
	0.2									
	0.3					Root inclusions at 0.3m.		BH83_0.3-0.4		
	0.40				Sandstone gravel (50mmØ) at 0.4m.					
					<b>End of Hole at 0.40m</b> in Fill on gravel					
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 7, Avg = 5.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:17 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH84</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Denison Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335874</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241150</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					<i>Grass / Soil</i>					
	0.1			Fill	<b>FILL</b> - SAND, slightly Silty, grey / brown, fine grained, occasional root inclusions, occasional crushed sandstone.	dry	BH84_0.0-0.05	7	max = 28 Avg = 28	No visual or olfactory signs of contamination observed.
	0.25		SP	Natural	<b>SAND</b> - light brown / light yellow, medium grained.	slightly moist	BH84_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 30, Avg = 29.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:18 AM

<b>Borehole Log</b>		<b>Hole ID. BH85</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rhodes Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336103</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241327</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, fine to medium grained, angular gravel inclusions (5-15mmØ).	dry	BH85_0.0-0.05	6	max = 22 Avg = 20	No visual or olfactory signs of contamination observed.
	0.2									
	0.3				Igneous gravel cobble (80mmØ) at 0.3m.					
	0.40									
	0.50		SP	Natural	<b>SAND</b> - light brown, fine to medium grained, occasional gravel inclusions (<10mmØ) (possibly from above).		BH85_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 16, Avg = 4.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:19 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

Borehole Log		Hole ID.	BH86	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name:	<b>Orica Mercury Independant Review</b>	Hole Depth:	<b>0.50 m</b>
	Project Number:	<b>45970</b>	GW Encountered:	<b>No</b>
	Location / Site:	<b>Rhodes Street</b>		
	Client:	<b>NSW EPA</b>		
	Drill Company:	<b>N/A</b>		
	Drill Method:	<b>Hand Auger</b>	Easting:	<b>336117</b>
Date Started:	<b>19/02/2015</b>	Northing:	<b>6241396</b>	
Date Completed:	<b>19/02/2015</b>	Zone:	<b>56H</b>	

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests				Observations / Comments
							ID No.	pH	DUP TRIP QC	Hg Vapour ng/m <sup>3</sup>	
					Grass						
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, angular river gravel inclusions (15mmØ), charcoal (<5mmØ).	dry	BH86_0.0-0.05	7	Dup 8 Trip8	max = 21 Avg = 19	
	0.2										
	0.3										
	0.40										
	0.50		SP	Natural	<b>SAND</b> - light brown, medium grained.	dry	BH86_0.4-0.5				No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural						
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 18, Avg = 16.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:20 AM

<b>Borehole Log</b>		<b>Hole ID. BH87</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rhodes Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336146</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241821</b>	Zone: <b>56H</b>	
Date Completed: <b>19/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine to medium grained, occasional root inclusions, occasional angular river gravel inclusions (15mmØ).	dry	BH87_0.0-0.05	5.5	max = 17 Avg = 15	No visual or olfactory signs of contamination observed.
	0.25				<b>FILL</b> - SAND, light grey, medium grained, occasional sand concretions (possible natural).	dry				No visual or olfactory signs of contamination observed.
	0.40					SP	Natural	<b>SAND</b> - light yellow / light orange, medium grained.	dry	BH87_0.4-0.5
	0.50	<b>End of Hole at 0.50m in Natural</b>								
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 12, Avg = 10.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:20 AM

<b>Borehole Log</b>		<b>Hole ID. BH88</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rhodes Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336106</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241953</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown / grey, fine to medium grained, occasional clinker (5-15mmØ).	dry	BH88_0.0-0.05	6.5	max = <2 Avg = <2	
	0.25		<b>FILL</b> - Silty SAND, grey, fine to medium grained, (possible natural).		dry					No visual or olfactory signs of contamination observed.
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = <2.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:21 AM

<b>Borehole Log</b>		<b>Hole ID. BH89</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Denison Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335820</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6242377</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, light brown, occasional sand concretions (5-10mmØ), slag (10mmØ), clinker (<5mmØ).	dry	BH89_0.0-0.05	7.5	max = <2 Avg = <2	Sample falling back into hole.
	0.2									
	0.3									
	0.40									
	0.5				<b>End of Hole at 0.40m</b> in Fill, too dry to extract		BH89_0.4-0.5			
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = <2.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:22 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH90</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Denison Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336824</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6242287</b>	Zone: <b>56H</b>	
Date Completed: <b>19/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, fine grained, root inclusions, coke inclusions (<5mmØ), charcoal (<5mmØ).	dry	BH90_0.0-0.05	6.5	max = 16 Avg = 14	
	0.2		Terracotta fragment (30mmØ) at 0.2m.							
	0.25		<b>FILL</b> - SAND, dark grey, fine to medium grained, occasional terracotta fragments (<10mmØ).		dry					No visual or olfactory signs of contamination observed.
	0.3		<b>FILL</b> - SAND, light grey, medium grained.		dry					No visual or olfactory signs of contamination observed.
	0.35		<b>FILL</b> - SAND, dark grey, fine to medium grained.		dry					No visual or olfactory signs of contamination observed.
	0.4									
	0.45									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 16, Avg = 15.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:23 AM

<b>Borehole Log</b>		<b>Hole ID. BH91</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Beauchamp Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336156</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241290</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, grey / brown, fine grained, root inclusions, concrete fragments (10mmØ), clinkers (<5mmØ).	dry	BH91_0.0-0.05	7.5	max = 14 Avg = 11	
	0.20		<b>FILL</b> - Silty SAND, brown, very fine grained, sand concretions present.		dry					No visual or olfactory signs of contamination observed.
	0.3		Grading to ....							
	0.35		<b>FILL</b> - Silty SAND, grey, very fine grained.		dry					No visual or olfactory signs of contamination observed.
	0.4						BH91_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 11, Avg = 9.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:23 AM

<b>Borehole Log</b>		<b>Hole ID. BH92</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Beauchamp Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336250</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241312</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, occasional river gravel inclusions (15mmØ).	dry	BH92_0.0-0.05	7	max = 5 Avg = 4	No visual or olfactory signs of contamination observed.
	0.2				Grading to ....					
	0.30				<b>FILL</b> - Silty Clayey SAND, brown, fine to medium grained.	dry	BH92_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 7, Avg = 5.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:24 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH93</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Jennings Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336292</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241283</b>	Zone: <b>56H</b>	
Date Completed: <b>19/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown / grey, fine grained, root inclusions, occasional angular igneous gravel inclusions (5-20mmØ), coke (<5mmØ), sand concretions (5mmØ).	dry	BH93_0.0-0.05	6.5	max = 35 Avg = 33	
	0.35				<b>FILL</b> - SAND, light grey, medium grained, occasional clinker inclusions (5mmØ).	slightly moist	BH93_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 32, Avg = 30.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:25 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH94</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Beauchamp Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336401</b>	
Date Started: <b>19/02/2015</b>	Northing: <b>6241331</b>		
Date Completed: <b>19/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown /grey, fine to medium grained, root inclusions, brick (20mmØ), coke (30mmØ), wood.	dry	BH94_0.0-0.05	7	max = 52 Avg = 50	
	0.20				<b>FILL</b> - SAND, minor Silt, dark grey / light grey, medium grained.	dry				No visual or olfactory signs of contamination observed.
	0.3			SP Natural	<b>SAND</b> - light grey / white, medium grained.	slightly moist				No visual or olfactory signs of contamination observed.
	0.35									
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 55, Avg = 53.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:26 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>19/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH95</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Denison Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335868</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6241432</b>		
Date Completed: <b>20/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Topsoil					
	0.1			Fill	<b>FILL</b> - SAND, light brown, fine grained, occasional sand concretions (5-10mmØ).	dry	BH95_0.0-0.05	7	max = 19 Avg = 18	No visual or olfactory signs of contamination observed.
	0.2									
	0.3			Natural	<b>SAND</b> - light brown / white, fine to medium grained.	dry	BH95_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.35									
	0.4									
	0.50				<b>End of Hole at 0.50m</b> in Natural					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 30, Avg = 25.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:26 AM

<b>Borehole Log</b>		<b>Hole ID. BH96</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Flint Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335260</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6241973</b>	Zone: <b>56H</b>	
Date Completed: <b>20/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine to medium grained, root inclusions, occasional concrete fragments (10mmØ), occasional gravel (<10mmØ).	dry	BH96_0.0-0.05	7.5	max = --- Avg = ---	No visual or olfactory signs of contamination observed.
	0.25				<b>FILL</b> - SAND, brown / light brown, fine to medium grained, occasional sand concretions (5mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.35		SP	Natural	<b>SAND</b> - light grey, fine to medium grained.	dry	BH96_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = ---, Avg = ---.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:27 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH97</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Flint Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336425</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6241946</b>		
Date Completed: <b>20/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown and light grey, fine grained, root inclusions, occasional silty concretions, occasional sandstone gravels (20-30mmØ).	dry	BH97_0.0-0.05	6.5	max = 29 Avg = 27	No visual or olfactory signs of contamination observed.
	0.20		<b>FILL</b> - Sandy SILT, brown, fine to medium grained, wood fragments.		dry					No visual or olfactory signs of contamination observed.
	0.25		<b>FILL</b> - SAND, brown and light grey, fine to medium grained.		dry					No visual or olfactory signs of contamination observed.
	0.3									
	0.4									
	0.50						BH97_0.4-0.5			
	0.6				<b>End of Hole at 0.50m in Fill</b>					
	0.7									
	0.8									
	0.9									
	1.0									

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 28, Avg = 26.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:28 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH98</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Jauncey Place</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336382</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6241808</b>		
Date Completed: <b>20/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, medium grained, occasional quartz grains (2mmØ), orange and white slag (5-15mmØ), glass fragments (10mmØ).	dry	BH98_0.0-0.05	6	max = 20 Avg = 19	No visual or olfactory signs of contamination observed.
	0.35				<b>FILL</b> - SAND, dark grey, fine to medium grained.	dry	BH98_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 16, Avg = 14.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:29 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH99</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Jauncey Place</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336376</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6241621</b>		
Date Completed: <b>20/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty Clayey SAND, dark brown, fine grained, root inclusions, occasional river gravel (5-15mmØ), sandstone gravel (5mmØ), wood fragments.	dry	BH99_0.0-0.05	7	max = 48 Avg = 46	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - SAND, light brown / yellow, fine grained, angular igneous gravel inclusions (<5mmØ).	dry				
	0.25			SP Natural	<b>SAND</b> - yellow, medium grained.	dry				No visual or olfactory signs of contamination observed.
	0.3								BH99_0.4-0.5	
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 46, Avg = 44.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:29 AM

<b>Borehole Log</b>		<b>Hole ID. BH100</b>	
 <p><b>WSP Environmental Pty Ltd</b>                  Level 1, 41 McLaren Street                  North Sydney NSW 2060                  Office: +61 (0)2 8925 6700                  www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Brittain Cres</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336264</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6241768</b>	Zone: <b>56H</b>	
Date Completed: <b>20/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, minor Clay, dark brown, fine grained, clinker inclusions (5-30mmØ).	dry	BH100_0.0-0.05	5.5	max = 39 Avg = 37	
	0.2		Rusted metal fragments (15mmØ) at 0.15m.							
	0.30				<b>FILL</b> - SAND, dark grey, fine grained, charcoal inclusions (<5mmØ), clinker (10mmØ).	dry	BH100_0.3-0.4			
	0.40				<b>End of Hole at 0.40m</b> in Fill on concrete					
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 37, Avg = 36.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:30 AM

<b>Borehole Log</b>		<b>Hole ID. BH101</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Brittain Cres</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336267</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6241656</b>		
Date Completed: <b>20/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, fine to medium grained, root inclusions, occasional crushed sandstone (<5mmØ).	dry	BH101_0.0-0.05	6	max = 2 Avg = <2	No visual or olfactory signs of contamination observed.	
	0.15				<b>FILL</b> - SAND, slightly Silty, brown, fine grained, crushed sandstone inclusions (20mmØ), angular river gravels (10mmØ), occasional glass, occasional clinker.	dry					
	0.2				<b>FILL</b> - SAND, light grey, medium grained, dark brown / black silt concretions.	dry	BH101_0.4-0.5				No visual or olfactory signs of contamination observed.
	0.3										
	0.35										
	0.4										
	0.50				<b>End of Hole at 0.50m in Fill</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 3, Avg = <2.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:31 AM

<b>Borehole Log</b>		<b>Hole ID. BH102</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Flack Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336215</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6241389</b>	Zone: <b>56H</b>	
Date Completed: <b>20/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests		Observations / Comments
							ID No.	Hg Vapour ng/m <sup>3</sup>	
					Grass				
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, sandstone inclusions (10mmØ), coke (<5mmØ), plastic fragments.	dry	BH102_0.0-0.05	max = 48 Avg = 46	
	0.20		<b>FILL</b> - SAND, light brown, fine to medium grained, sandstone inclusions (15mmØ), coke (5-10mmØ), sand concretions (5mmØ).		dry				
	0.3		<b>FILL</b> - SAND, light grey, fine to medium grained, with ash (50%), coke and charcoal fragments.		dry	BH102_0.4-0.5			
	0.40								
	0.50				<b>End of Hole at 0.50m in Fill</b>				
	0.6								
	0.7								
	0.8								
	0.9								
	1.0								

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 48, Avg = 46.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:32 AM

<b>Borehole Log</b>		<b>Hole ID. BH103</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Donovan Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336586</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6242380</b>	Zone: <b>56H</b>	
Date Completed: <b>20/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, silt concretions (<5mmØ), clinkers (10mmØ).	dry	BH103_0.0-0.05	6.5	max = 63 Avg = 61	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - SAND, light brown / light yellow, fine grained, orange silt concretions, occasional angular gravel.	dry	BH103_0.4-0.5			
	0.2				<b>End of Hole at 0.50m in Fill</b>					
	0.3									
	0.4									
	0.50									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 61, Avg = 59.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:32 AM

<b>Borehole Log</b>		<b>Hole ID. BH104</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Donovan Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336367</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6242380</b>		
Date Completed: <b>20/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					<i>Grass / Sand</i>					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown / grey, fine to medium, minor charcoal inclusions (<5mmØ), minor angular gravels (5-40mm).	dry	BH104_0.0-0.05	7	max = 49 Avg = 49	
	0.2									
	0.3				Grading to ....					
	0.35			Natural	<b>SAND</b> - light grey, medium grained.	slightly moist				No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m</b> in Natural					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 48, Avg = 45.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:33 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH105</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.30 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Parer Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336398</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6242593</b>	Zone: <b>56H</b>	
Date Completed: <b>20/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, grey / brown, fine to medium grained, minor charcoal inclusions (5mmØ), occasional sandstone gravels (15mmØ), occasional angular igneous gravels (5mmØ).	dry	BH105_0.0-0.05	6	max = 48 Avg = 47	
	0.2		BH105_0.2-0.3							
	0.30				<b>End of Hole at 0.30m</b> in Fill on tree root					
	0.4									
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 49, Avg = 47.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:34 AM

<b>Borehole Log</b>		<b>Hole ID. BH106</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Bunnerong Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336153</b>	
Date Started: <b>20/02/2015</b>	Northing: <b>6242594</b>		
Date Completed: <b>20/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown / grey, fine grained, root inclusions, angular igneous gravels (5mmØ).	dry	BH106_0.0-0.05	6	max = 40 Avg = 40	No visual or olfactory signs of contamination observed.
	0.2									
	0.30			SP Natural	<b>SAND</b> - light grey, fine to medium grained, root inclusions.	dry	BH106_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m</b> in Natural					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 40, Avg = 39.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:35 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>20/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH107</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rhodes Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336131</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241484</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests		Observations / Comments
							ID No.	Hg Vapour ng/m <sup>3</sup>	
					Grass				
	0.10			Fill	<b>FILL</b> - Silty SAND, dark brown, fine grained, root inclusions.	moist	BH107_0.0-0.05	max = 16 Avg = 14	No visual or olfactory signs of contamination observed.
	0.2				<b>FILL</b> - SAND, light brown / light grey, fine grained, occasional root inclusions.	moist			No visual or olfactory signs of contamination observed.
	0.30				<b>FILL</b> - SAND, dark brown / dark grey, fine grained.	moist			No visual or olfactory signs of contamination observed.
	0.35				<b>FILL</b> - SAND, light brown / light grey, fine grained.	moist			No visual or olfactory signs of contamination observed.
	0.40			Natural	<b>SAND</b> - light grey / white, fine grained.	moist	BH107_0.4-0.5		No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m in Natural</b>				
	0.6								
	0.7								
	0.8								
	0.9								
	1.0								

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 14, Avg = 12.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:35 AM

<b>Borehole Log</b>		<b>Hole ID. BH108</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Rhodes Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336136</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241555</b>	Zone: <b>56H</b>	
Date Completed: <b>24/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.10			Fill	FILL - SAND, dark brown, fine grained, root inclusions.	dry	BH108_0.0-0.05	6	max = 9 Avg = 7	No visual or olfactory signs of contamination observed.
	0.2		FILL - SAND, light brown, fine grained, occasional angular river gravels (10mmØ).		dry	BH108_0.4-0.5			No visual or olfactory signs of contamination observed.	
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 8, Avg = 6.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:36 AM

<b>Borehole Log</b>		<b>Hole ID. BH109</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nilson Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335957</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241320</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, fine to medium grained, slag and coke inclusions (<5mmØ).	dry	BH109_0.0-0.05	6	max = 19 Avg = 16	
	0.2				<b>FILL</b> - SAND, brown / grey, medium grained, root inclusions, occasional angular river gravels (10mmØ).	moist	BH109_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.30				<b>End of Hole at 0.50m in Fill</b>					
	0.4									
	0.50									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 16, Avg = 14.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:37 AM

<b>Borehole Log</b>		<b>Hole ID. BH110</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nilson Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335952</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241395</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, light brown, fine to medium grained, wood (mulch) inclusions.	dry	BH110_0.0-0.05	5.5	max = 39 Avg = 37	No visual or olfactory signs of contamination observed.
	0.20				Grading to ....					
	0.3			Fill	<b>FILL</b> - SAND, light brown, fine to medium grained, occasional wood inclusions, sandstone gravels (10mmØ), tile fragments (10mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.40									
	0.50			Natural	<b>SAND</b> - grey and light yellow, fine to medium grained.	moist	BH110_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 38, Avg = 24.

 Log Drawn By: Laurie White Contact: laurie.white@reumad.com.au	Logged By: <b>Philippa Childs</b> Checked By: <b>Colin McKay</b>	Date: <b>24/02/2015</b> Date: <b>24/03/2015</b>
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WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:38 AM

<b>Borehole Log</b>		<b>Hole ID. BH111</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Nilson Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335945</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241560</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine to medium grained, root inclusions, sand concretions (10-20mmØ), occasional white slag (5mmØ).	dry	BH111_0.0-0.05	6.5	max = 12 Avg = 11	No visual or olfactory signs of contamination observed.	
	0.15				<b>FILL</b> - SAND, light brown / light grey, fine grained, occasional clinker inclusions (10mmØ).	dry					
	0.2			Natural	<b>SAND</b> - light grey, fine to medium grained.	moist				No visual or olfactory signs of contamination observed.	
	0.35										
	0.4								BH111_0.4-0.5		
	0.50				<b>End of Hole at 0.50m in Natural</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 12, Avg = 11.

 Log Drawn By: Laurie White Contact: laurie.white@reumad.com.au	Logged By: <b>Philippa Childs</b> Checked By: <b>Colin McKay</b>	Date: <b>24/02/2015</b> Date: <b>24/03/2015</b>
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WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:38 AM

<b>Borehole Log</b>		<b>Hole ID. BH112</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Grace Campbell Cres</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336004</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241602</b>	Zone: <b>56H</b>	
Date Completed: <b>24/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, slightly Silty, brown and dark grey, fine grained, charcoal inclusions (5mmØ), sandstone gravels (5mmØ), occasional clinker (20mmØ).	dry	BH112_0.0-0.05	7	max = 16 Avg = 14	
	0.2				<b>FILL</b> - SAND, brown / grey, fine grained, occasional clinker inclusions (5mmØ).	moist				
	0.25									
	0.3									
	0.40			Natural	<b>SAND</b> - light grey, fine to medium grained.	moist	BH112_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50									
	0.6				<b>End of Hole at 0.50m in Natural</b>					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 10, Avg = 14.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:39 AM

<b>Borehole Log</b>		<b>Hole ID. BH113</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Grace Campbell Cres</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336013</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241554</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.10			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, wood inclusions, crushed concrete (<5mmØ).	dry	BH113_0.0-0.05	6	max = 18 Avg = 14	No visual or olfactory signs of contamination observed.
	0.2			Fill	<b>FILL</b> - SAND, light brown / dark brown mottled, fine to medium grained, dark brown sand concretions (15mmØ), occasional clinkers (30mmØ).	moist				
	0.40		SP	Natural	<b>SAND</b> - light brown, fine to medium grained.	moist	BH113_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 14, Avg = 14.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:40 AM

<b>Borehole Log</b>		<b>Hole ID. BH114</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Grace Campbell Cres</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336026</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241430</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments		
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>			
					Grass							
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine grained, occasional root inclusions.	dry	BH114_0.0-0.05	6.5	max = 25 Avg = 24	No visual or olfactory signs of contamination observed.		
	0.15				<b>FILL</b> - SAND, grey, fine grained, coke inclusions (<5mmØ), occasional clinker (5mmØ).	damp						
	0.2			Natural	<b>SAND</b> - light grey / light brown, fine to medium grained.	moist				No visual or olfactory signs of contamination observed.		
	0.3											
	0.35											
	0.4			Natural	<b>SAND</b> - light grey / light brown, fine to medium grained.	moist				No visual or olfactory signs of contamination observed.		
	0.50											
	0.6				<b>End of Hole at 0.50m in Natural</b>							
	0.7											
	0.8											
	0.9											
	1.0											

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 18, Avg = 15.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:41 AM

<b>Borehole Log</b>		<b>Hole ID. BH115</b>
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.30 m</b>
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>
	Location / Site: <b>Grace Campbell Cres</b>	
	Client: <b>NSW EPA</b>	
	Drill Company: <b>N/A</b>	
	Drill Method: <b>Hand Auger</b>	Easting: <b>336030</b>
Date Started: <b>24/02/2015</b>	Northing: <b>6241405</b>	Zone: <b>56H</b>
Date Completed: <b>24/02/2015</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, light brown / dark brown, fine grained, occasional charcoal inclusions (5mmØ).	dry	BH115_0.0-0.05	6	max = <2 Avg = <2	
	0.2				Sandstone and river gravel inclusions at 0.3m (>20mmØ).		BH115_0.2-0.3			
	0.30				<b>End of Hole at 0.30m</b> in Fill on gravel					
	0.4									
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = <2, Avg = <2.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:41 AM

<b>Borehole Log</b>		<b>Hole ID. BH116</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.20 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Grace Campbell Cres</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336014</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241323</b>	Zone: <b>56H</b>	
Date Completed: <b>24/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1 0.20			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, angular river gravel inclusions (10-40mmØ).	dry	BH116_0.0-0.05	6.5	max = 5 Avg = 4	No visual or olfactory signs of contamination observed.
	0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0				<b>Refusal at 0.20m</b> in Fill due to gravel					

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 5, Avg = 2.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:42 AM

<b>Borehole Log</b>		<b>Hole ID. BH117</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.40 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Beauchamp Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>335964</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241188</b>	Zone: <b>56H</b>	
Date Completed: <b>24/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, minor Clay, dark brown, fine grained, root inclusions, crushed sandstone inclusions (20mmØ), angular river gravel (15mmØ).	dry	BH117_0.0-0.05	6.5	max = 8 Avg = 8	No visual or olfactory signs of contamination observed.
	0.2						BH117_0.3-0.4			
	0.3									
	0.40									
	0.5				<b>Refusal at 0.40m</b> in Fill due to gravel					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 8, Avg = 7.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:43 AM

<b>Borehole Log</b>		<b>Hole ID. BH118</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Bunnerong Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336604</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241807</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine grained.	moist	BH118_0.0-0.05	6	max = 12 Avg = 9	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - Silty SAND, brown / grey, fine grained, occasional river gravel inclusions (20mmØ).	dry				
	0.2				Root inclusions at 0.3-0.4m.		BH118_0.4-0.5			
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 10, Avg = 9.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:44 AM

<b>Borehole Log</b>		<b>Hole ID. BH119</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Jersey Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336579</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241544</b>	Zone: <b>56H</b>	
Date Completed: <b>24/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests				Observations / Comments
							ID No.	pH	DUP TRIP QC	Hg Vapour ng/m <sup>3</sup>	
					Grass						
	0.1			Natural	<b>FILL</b> - Silty SAND, brown, fine to medium grained, root inclusions, charcoal (<5mmØ), crushed concrete, angular igneous gravel, glass fragment.	dry	BH119_0.0-0.05	6	Dup9 Trip9 Dup9 (EPA)	max = 29 Avg = 25	
	0.25				<b>FILL</b> - Silty SAND, brown / pale orange, fine to medium grained, clumps of clay (5-20mmØ), occasional charcoal inclusions (<5mmØ).	dry	BH119_0.4-0.5				
	0.3										
	0.4										
	0.50				<b>End of Hole at 0.50m in Fill</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 26, Avg = 23.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:44 AM

<b>Borehole Log</b>		<b>Hole ID. BH120</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Jersey Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337188</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241817</b>	Zone: <b>56H</b>	
Date Completed: <b>24/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - Silty SAND, light grey / light brown, fine grained, crushed sandstone inclusions (15mmØ), charcoal (5mmØ), crushed terracotta (5mmØ).	dry	BH120_0.0-0.05	6.5	max = 11 Avg = 7		
	0.2				Coal gravels (15mmØ) at 0.15m.						
	0.30				Grading to ....						
	0.4				<b>FILL</b> - SAND, light brown / light grey, medium grained, occasional sandstone gravel inclusions (10mmØ), clinker / slag (30mmØ).	dry	BH120_0.4-0.5				
	0.50				<b>End of Hole at 0.50m in Fill</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 13, Avg = 7.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:45 AM

<b>Borehole Log</b>		<b>Hole ID. BH121</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Beauchamp Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337053</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241512</b>	Zone: <b>56H</b>	
Date Completed: <b>24/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown, fine to medium grained, igneous gravel inclusions (40-70mmØ).	dry	BH121_0.0-0.05	8	max = 19 Avg = 13	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - Silty SAND, dark brown, fine to medium grained, coke inclusions (5mmØ), sandstone inclusions (5mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.2				<b>FILL</b> - SAND, light grey, fine grained, minor pale orange clay (possible natural).	dry	BH121_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.3									
	0.35									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 15, Avg = 4.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:46 AM

<b>Borehole Log</b>		<b>Hole ID. BH122</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independent Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Bapaume Pde</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337239</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241519</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown, fine grained, occasional clinker inclusions (5mmØ), terracotta (5mmØ), coke (<5mmØ).	dry	BH122_0.0-0.05	7.5	max = 9 Avg = 4	
	0.2									
	0.3				Large piece of terracotta (120mmØ) at 0.35m.					
	0.40									
	0.50		SP	Natural	<b>SAND</b> - light brown / light yellow, fine to medium grained.	dry	BH122_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 38, Avg = 32.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:46 AM

<b>Borehole Log</b>		<b>Hole ID. BH123</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Hamel Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337226</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241325</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown, fine to medium grained, root inclusions, occasional angular river gravels (10-30mmØ).	dry	BH123_0.0-0.05	6	max = 28 Avg = 18	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - SAND, light brown, medium grained, root inclusions, occasional sand concretions, occasional angular river gravels (10mmØ).	dry	BH123_0.4-0.5	No visual or olfactory signs of contamination observed.		
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 25, Avg = 20.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:47 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH124</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>Yes</b>	
	Location / Site: <b>Flanders Ave</b>	GW Inflow: <b>0.2m bgl</b>	
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337252</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6241077</b>	Zone: <b>56H</b>	
Date Completed: <b>24/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown / dark grey, fine to medium grained, root inclusions, occasional slag inclusions (30mmØ).	very moist	BH124_0.0-0.05	8.5	max = 23 Avg = 19	
	0.20				<b>FILL</b> - SAND, light grey, medium grained.	very moist to wet				
	0.3				Angular sandstone gravel inclusions at 0.35m.		BH124_0.4-0.5			
	0.4									
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   Groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 21, Avg = 15.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:48 AM

<b>Borehole Log</b>		<b>Hole ID. BH125</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Knowles Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>337230</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6240884</b>	Zone: <b>56H</b>	
Date Completed: <b>24/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, light grey / light brown, fine to medium grained, ash fragments (5-15mmØ), charcoal (5mmØ), occasional sandstone gravels (5mmØ), occasional orange sand concretions (10mmØ).	dry	BH125_0.0-0.05	6.5	max = 17 Avg = 16	
	0.2									
	0.3				Grading to ....					
	0.40				<b>FILL</b> - SAND, light grey / light brown, fine to medium grained.	dry	BH125_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

<b>Observations</b>	<b>Notes</b>
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 10, Avg = 5.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:49 AM

<b>Borehole Log</b>		<b>Hole ID. BH126</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Shirley Cres</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336776</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6240446</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, medium grained, occasional sand concretions (10mmØ).	dry	BH126_0.0-0.05	6.5	max = 33 Avg = 30	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - SAND, brown, medium grained, occasional angular river gravel inclusions (10mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.3				Grading to ....					
	0.40				<b>FILL</b> - SAND, dark brown, medium grained.	dry	BH126_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 26, Avg = 23.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:49 AM

<b>Borehole Log</b>		<b>Hole ID. BH127</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Shirley Cres</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336704</b>	
Date Started: <b>24/02/2015</b>	Northing: <b>6240320</b>		
Date Completed: <b>24/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, dark brown / grey, fine to medium grained.	moist	BH127_0.0-0.05	6	max = 32 Avg = 26	No visual or olfactory signs of contamination observed.
	0.2									
	0.30			SP Natural	<b>SAND</b> - dark grey, fine to medium grained.	moist				No visual or olfactory signs of contamination observed.
	0.4								BH127_0.4-0.5	
	0.50				<b>End of Hole at 0.50m</b> in Natural					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 28, Avg = 22.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:50 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>24/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH128</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Anthony Lane</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336863</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241548</b>	Zone: <b>56H</b>	
Date Completed: <b>26/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, grey / brown, fine to medium grained, occasional root inclusions, occasional slag inclusions (<5mmØ).	dry	BH128_0.0-0.05	5.5	max = 73 Avg = 70	
	0.25		SP	Natural	<b>SAND</b> - light grey, fine to medium grained.	dry				No visual or olfactory signs of contamination observed.
	0.3									
	0.4						BH128_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 72, Avg = 71.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:51 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH129</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.30 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Anthony Lane</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336730</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241504</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained. Sandstone gravel inclusions (30mmØ) from 0.1m.	dry	BH129_0.0-0.05	5	max = 70 Avg = 68	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - Silty SAND, brown / grey, fine grained, sandstone gravel inclusions (10-40mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.25				<b>FILL</b> - Silty SAND, light brown / light orange, fine grained, sandstone gravel inclusions (10-40mmØ), angular igneous gravels (10mmØ).	dry	BH129_0.2-0.3			No visual or olfactory signs of contamination observed.
	0.30				<b>Refusal at 0.30m</b> in Fill on gravel					
	0.4									
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 71, Avg = 69.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:52 AM

<b>Borehole Log</b>		<b>Hole ID. BH130</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.30 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Beauchamp Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336590</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241375</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - Clayey SAND, dark brown, fine grained, nutrient rich, occasional angular gravel inclusions.	dry	BH130_0.0-0.05	8.5	max = 67 Avg = 65	No visual or olfactory signs of contamination observed.	
	0.2										
	0.25										
	0.30				<b>FILL</b> - SAND, light brown, fine to medium grained.	dry	BH130_0.2-0.3			No visual or olfactory signs of contamination observed.	
	0.4				<b>Refusal at 0.30m</b> in Fill on sandstone gravels						
	0.5										
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 66, Avg = 65.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:52 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH131</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Daunt Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336600</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241176</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - Clayey SAND, light brown and dark brown, fine grained, occasional crushed sandstone inclusions, clinkers (5mmØ).	dry	BH131_0.0-0.05	8	max = 66 Avg = 62		
	0.2				<b>FILL</b> - Sandy CLAY, brown / grey, medium stiff.	dry					No visual or olfactory signs of contamination observed.
	0.30				<b>FILL</b> - Clayey SAND, light brown, fine grained, crushed sandstone inclusions.	dry	BH131_0.4-0.5				No visual or olfactory signs of contamination observed.
	0.40										
	0.50				<b>End of Hole at 0.50m in Fill</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 65, Avg = 63.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:53 AM

<b>Borehole Log</b>		<b>Hole ID. BH132</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Daunt Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336756</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241192</b>	Zone: <b>56H</b>	
Date Completed: <b>26/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - SAND, light brown / light grey, fine to medium grained, occasional angular igneous gravel (15mmØ).	dry	BH132_0.0-0.05	7	max = 63 Avg = 62	No visual or olfactory signs of contamination observed.	
	0.15				<b>FILL</b> - SAND, light brown / light orange, fine grained, occasional clinker inclusions (<5mmØ).	dry					
	0.2				<b>FILL</b> - Silty SAND, light brown / light grey, fine grained, occasional angular igneous gravel (<5mmØ).	dry					
	0.30										
	0.4						BH132_0.4-0.5			No visual or olfactory signs of contamination observed.	
	0.50				<b>End of Hole at 0.50m in Fill</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 64, Avg = 62.

 Log Drawn By: Laurie White Contact: laurie.white@reumad.com.au	Logged By: <b>Philippa Childs</b> Checked By: <b>Colin McKay</b>	Date: <b>26/02/2015</b> Date: <b>24/03/2015</b>
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WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:54 AM

<b>Borehole Log</b>		<b>Hole ID. BH133</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Pillars Place</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336686</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241081</b>	Zone: <b>56H</b>	
Date Completed: <b>26/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine grained, root inclusions.	dry	BH133_0.0-0.05	7.5	max = 62 Avg = 60	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - Silty SAND, light brown, fine grained, angular gravel inclusions (5-10mmØ), occasional plastic and fibrous material.	dry				
	0.2									
	0.3									
	0.4						BH133_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 63, Avg = 61.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:55 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH134</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Windsor Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336818</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241102</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - SAND, brown, fine to medium grained, root inclusions, wood, river gravel (15mmØ), occasional clinker (10mmØ), occasional ash (<5mmØ).	dry	BH134_0.0-0.05	7.5	max = 61 Avg = 61		
	0.2				<b>FILL</b> - SAND, brown, fine to medium grained, occasional dark brown sand concretions, occasional clinker inclusions (5mmØ).	dry					
	0.25				<b>FILL</b> - SAND, light brown / light orange, fine to medium grained, occasional dark brown sand concretions.	moist					No visual or olfactory signs of contamination observed.
	0.3		SP	Natural	<b>SAND</b> - brown / orange, medium grained.	slightly moist	BH134_0.4-0.5			No visual or olfactory signs of contamination observed.	
	0.35										
	0.40										
	0.50				<b>End of Hole at 0.50m in Natural</b>						
	0.6										
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 63, Avg = 61.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:55 AM

<b>Borehole Log</b>		<b>Hole ID. BH135</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.30 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Hunter Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336734</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6240901</b>	Zone: <b>56H</b>	
Date Completed: <b>26/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, fine to medium grained, root inclusions, crushed sandstone inclusions, occasional angular gravel inclusions.	dry	BH135_0.0-0.05	5.5	max = 63 Avg = 62	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - SAND, light brown / light grey, fine to medium grained, crushed sandstone inclusions.	dry	BH135_0.2-0.3			No visual or olfactory signs of contamination observed.
	0.25				<b>FILL</b> - SAND, light brown, fine grained.	dry				No visual or olfactory signs of contamination observed.
	0.30									
	0.4				<b>End of Hole at 0.30m</b> in Fill on gravel					
	0.5									
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 62, Avg = 62.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:56 AM

<b>Borehole Log</b>		<b>Hole ID. BH136</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Franklin Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336663</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6240819</b>	Zone: <b>56H</b>	
Date Completed: <b>26/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, light grey / light brown, medium grained, root inclusions.	dry	BH136_0.0-0.05	6.5	max = 64 Avg = 63	No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - SAND, light grey, fine to medium grained, occasional angular gravel inclusions (<5mmØ), occasional clinker (<5mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.3				Grading to ....					
	0.40				<b>FILL</b> - SAND, light grey / white, fine to medium grained, occasional coke inclusions (<2mmØ).	dry	BH136_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 65, Avg = 63.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:57 AM

<b>Borehole Log</b>		<b>Hole ID. BH137</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Stephen Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334486</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241712</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.10			Fill	<b>FILL</b> - Silty SAND, brown, fine grained.	moist	BH137_0.0-0.05	6.5	max = 18 Avg = 16	No visual or olfactory signs of contamination observed.
	0.2				<b>FILL</b> - SAND, grey, fine to medium grained, occasional charcoal inclusions (2mmØ).	moist				
	0.30				Grading to ....					
	0.4		SP	Natural	<b>SAND</b> - light grey, fine grained.	moist	BH137_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 19, Avg = 19.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:58 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH138</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Trevelyan Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334296</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241715</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown / grey, fine grained, occasional angular river gravel inclusions (10mmØ), ash (<5mmØ), sandstone gravels (15mmØ).	moist	BH138_0.0-0.05	6	max = 32 Avg = 31	
	0.2									
	0.30		SP	Natural	<b>sand</b> - grey, fine to medium grained, (likely natural).	moist	BH138_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.4									
	0.50				<b>End of Hole at 0.50m</b> in Natural					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 34, Avg = 32.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:58 AM

<b>Borehole Log</b>		<b>Hole ID. BH139</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Brighton Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334399</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6241956</b>	Zone: <b>56H</b>	
Date Completed: <b>26/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Samples / Tests				Observations / Comments
						ID No.	pH	DUP TRIP QC	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, with minor Clay, brown, fine grained, wood inclusions, orange sand concretions (5mmØ).	BH139_0.0-0.05	6.5	Dup10 Trip10 Dup10 (EPA)	max = 28 Avg = 27	No visual or olfactory signs of contamination observed.
	0.20		<b>FILL</b> - Silty SAND, brown / pale orange, fine grained, occasional dark brown orange sand concretions.							No visual or olfactory signs of contamination observed.
	0.3									
	0.4					BH139_0.4-0.5				
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 29, Avg = 27.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:57:59 AM

<b>Borehole Log</b>		<b>Hole ID. BH140</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Jennings Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>334414</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6240878</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, brown and light grey, fine grained, root inclusions, occasional clinker inclusions (<5mmØ).	dry	BH140_0.0-0.05	7	max = 70 Avg = 69	No visual or olfactory signs of contamination observed.
	0.15				<b>FILL</b> - SAND, light brown, medium grained, angular igneous gravel inclusions (<5mmØ), occasional sandstone gravel inclusions (5mmØ),.	dry				
	0.2				Large river stone at 0.35m.					
	0.3									
	0.40				<b>FILL</b> - Gravelly SAND, dark grey / black, medium grained, ash inclusions, clinker inclusions (10mmØ).	moist	BH140_0.4-0.5			
	0.50				<b>Refusal at 0.50m</b> in Fill					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 72, Avg = 70.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:58:00 AM

<b>Borehole Log</b>		<b>Hole ID. BH141</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Perry Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336049</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6240881</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments	
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>		
					Grass						
	0.1			Fill	<b>FILL</b> - SAND, brown / grey, fine to medium grained, occasional clinker inclusions (20mmØ), occasional angular gravel (<5mmØ).	dry	BH141_0.0-0.05	7	max = 73 Avg = 71	No visual or olfactory signs of contamination observed.	
	0.2										
	0.3										
	0.35				Grading to ....						
	0.4				<b>FILL</b> - SAND, light brown, fine to medium grained, occasional coke inclusions (<5mmØ).	dry					
	0.45										
	0.50			Natural	<b>SAND</b> - light brown, fine to medium grained.	moist	BH141_0.4-0.5				
	0.6				<b>End of Hole at 0.50m</b> in Natural						
	0.7										
	0.8										
	0.9										
	1.0										

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 74, Avg = 73.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:58:01 AM

<b>Borehole Log</b>		<b>Hole ID. BH142</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Harold Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336053</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6240781</b>	Zone: <b>56H</b>	
Date Completed: <b>26/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, dark brown, fine to medium grained, occasional root inclusions, occasional clinker inclusions (5mmØ).	dry	BH142_0.0-0.05	6	max = 67 Avg = 66	
	0.15				<b>FILL</b> - Silty SAND, dark grey, fine to medium grained, occasional root inclusions, occasional angular river gravel.	dry				No visual or olfactory signs of contamination observed.
	0.20				<b>FILL</b> - SAND, pale orange / light grey, fine to medium grained, occasional terracotta fragments (15mmØ).	dry				No visual or olfactory signs of contamination observed.
	0.30				<b>FILL</b> - SAND, light orange / light grey, fine grained.	dry				No visual or olfactory signs of contamination observed.
	0.4									
	0.45									
	0.50		SP	Natural	<b>SAND</b> - light grey, fine to medium grained.	dry	BH142_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 67, Avg = 65.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:58:01 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

<b>Borehole Log</b>		<b>Hole ID. BH143</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Harold Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336245</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6240742</b>	Zone: <b>56H</b>	
Date Completed: <b>26/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, root inclusions, weathered sandstone, occasional angular gravels (15mmØ), occasional coke inclusions (<5mmØ).	dry	BH143_0.0-0.05	6.5	max = 74 Avg = 72	No visual or olfactory signs of contamination observed.
	0.20		<b>FILL</b> - SAND, slightly Silty, brown / grey, fine grained, occasional clinker inclusions, plastic fragment, occasional angular gravels (<5mmØ).		dry					
	0.3		<b>FILL</b> - SAND, light grey / light brown, fine to medium grained, sandstone gravel inclusions (15mmØ).		dry	BH143_0.4-0.5				
	0.40									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 73, Avg = 72.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:58:02 AM

<b>Borehole Log</b>		<b>Hole ID. BH144</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Harold Street</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336427</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6240719</b>	Zone: <b>56H</b>	
Date Completed: <b>26/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.10			Fill	<b>FILL</b> - SAND, brown, fine grained, root inclusions.	dry	BH144_0.0-0.05	6.5	max = 74 Avg = 73	No visual or olfactory signs of contamination observed.
	0.20			Fill	<b>FILL</b> - SAND, dark brown / grey, fine to medium grained, occasional charcoal inclusions (5mmØ).	dry				
	0.3		SP	Natural	<b>SAND</b> - light grey, fine grained.	dry				No visual or olfactory signs of contamination observed.
	0.4						BH144_0.4-0.5			
	0.50				<b>End of Hole at 0.50m in Natural</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 75, Avg = 72.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:58:03 AM

<b>Borehole Log</b>		<b>Hole ID. BH145</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Bunnerong Road</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336575</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6240708</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - SAND, light brown, medium grained, root and wood inclusions, occasional igneous gravel inclusions, occasional charcoal (<5mmØ).	dry	BH145_0.0-0.05	6.5	max = 69 Avg = 66	No visual or olfactory signs of contamination observed.
	0.25		Grading to ....							
	0.3				<b>FILL</b> - SAND, light grey, fine to medium grained, sand concretions (5-15mmØ).	dry	BH145_0.4-0.5			
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 74, Avg = 73.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:58:04 AM

<b>Borehole Log</b>		<b>Hole ID. BH146</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Waterton Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336793</b>	
Date Started: <b>26/02/2015</b>	Northing: <b>6240667</b>		
Date Completed: <b>26/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, angular gravel inclusions (5-10mmØ), crushed sandstone (5mmØ), occasional clinkers (15mmØ).	dry	BH146_0.0-0.05	6.5	max = 66 Avg = 66	
	0.2		BH146_0.4-0.5							
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 68, Avg = 66.
Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling.	
Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling.	
Groundwater   No groundwater encountered during drilling.	

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>26/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:58:05 AM

<b>Borehole Log</b>		<b>Hole ID. BH147</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Murrabin Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336258</b>	
Date Started: <b>27/02/2015</b>	Northing: <b>6240537</b>		
Date Completed: <b>27/02/2015</b>	Zone: <b>56H</b>		

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, brown, fine grained, root inclusions, occasional quartz gravels (<5mmØ), occasional brick fragments (30mmØ), occasional coke (<5mmØ).	dry	BH147_0.0-0.05	6.5	max = 70 Avg = 69	
	0.25				<b>FILL</b> - SAND, grey, fine grained, occasional rusted nail inclusions, occasional crushed sandstone, occasional clinker (<5mmØ).	dry				
	0.40		SP	Natural	<b>SAND</b> - light grey / light brown, fine to medium grained.	dry	BH147_0.4-0.5			No visual or olfactory signs of contamination observed.
	0.50									
	0.6				<b>End of Hole at 0.50m</b> in Natural					
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 71, Avg = 70.

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>27/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:58:05 AM

<b>Borehole Log</b>		<b>Hole ID. BH148</b>	
 <p><b>WSP Environmental Pty Ltd</b></p> <p>Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspgroup.com</p>	Project Name: <b>Orica Mercury Independant Review</b>	Hole Depth: <b>0.50 m</b>	
	Project Number: <b>45970</b>	GW Encountered: <b>No</b>	
	Location / Site: <b>Partanna Ave</b>		
	Client: <b>NSW EPA</b>		
	Drill Company: <b>N/A</b>		
	Drill Method: <b>Hand Auger</b>	Easting: <b>336264</b>	
Date Started: <b>27/02/2015</b>	Northing: <b>6240411</b>	Zone: <b>56H</b>	
Date Completed: <b>27/02/2015</b>			

Water Inflow	Depth (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests			Observations / Comments
							ID No.	pH	Hg Vapour ng/m <sup>3</sup>	
					Grass					
	0.1			Fill	<b>FILL</b> - Silty SAND, grey / brown, fine grained, occasional clinker inclusions (5mmØ), occasional angular gravel (<5mmØ).	dry	BH148_0.0-0.05	7	max = 36 Avg = 34	No visual or olfactory signs of contamination observed.
	0.20		<b>FILL</b> - SAND, brown / pale orange, fine grained, orange sand concretions (2-10mmØ).		dry	BH148_0.4-0.5				
	0.3									
	0.4									
	0.50				<b>End of Hole at 0.50m in Fill</b>					
	0.6									
	0.7									
	0.8									
	0.9									
	1.0									

Observations	Notes
Asbestos   No visual evidence of asbestos noted during drilling. Staining   No visual evidence of contamination (e.g. staining / precipitate) noted during drilling. Odour   No olfactory (e.g. odour) evidence of contamination noted during drilling. Groundwater   No groundwater encountered during drilling.	Hg Vapour (ng/m <sup>3</sup> ) 1m above Ground Level: max = 39, Avg = 37.

WSP LOG 2015 HG ORICA MERCURY 45970.GPJ WSP.GDT 24/3/15 10:58:06 AM

	Log Drawn By: Laurie White	Logged By: <b>Philippa Childs</b>	Date: <b>27/02/2015</b>
	Contact: laurie.white@reumad.com.au	Checked By: <b>Colin McKay</b>	Date: <b>24/03/2015</b>