



Priority Geotechnical Ltd.  
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Drilled By  
 GW  
 Logged By  
 GW

Borehole No  
**BH09**

Sheet 2 of 2

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.</b> P15180	<b>Co-ords:</b> 722746E - 718179N	<b>Hole Type</b> RO
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<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 09/02/2016	<b>Level:</b> 97.97 mOD	<b>Scale</b> 1:50
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Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy GRAVEL		
					12.00	85.97	12.00		
							End of Borehole at 12.00 m		

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Water	Depth (m)	Type	Results	Casing	Level	Depth
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<b>Groundwater:</b> Struck 6.00m	Rose to -	After -	Sealed -	Comment	<b>Hole Information:</b> Hole Depth 12.00m	Hole Diameter 150	Casing Diameter 131mm	<b>Chiselling:</b> Depths (m) to	Time (hhmm)	Tool
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<b>Remarks:</b> Borehole complete at 12.0m bgl. 50mm dia. standpipe installed response zone 2m - 12m.	<b>Shift Data:</b> Groundwater -	Shift (dd/mm/yyyy) 09/02/2016	Casing depth 12.00m	Remarks End of shift
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<b>Equipment &amp; Methods:</b> Deltabase 520
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Borehole No  
**BH10**

Sheet 1 of 2

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 722792E - 718279N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 11/02/2016	<b>Level:</b> 99.31 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy, clayey GRAVEL		
					96.11	3.20	Open hole drilling. Driller described sandy GRAVEL		
					95.01	4.30	Open hole drilling. Driller described SAND		
					93.31	6.00	Open hole drilling. Driller described sandy GRAVEL		
							Continued next sheet		

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<b>Groundwater:</b>					<b>Hole Information:</b>			<b>Chiselling:</b>		
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Depths (m)	Time (hhmm)	Tool
8.00m	-	-	-		14.00m	150	131mm	to		

<b>Remarks:</b> Borehole complete at 14.0m bgl. 50mm dia. standpipe installed response zone 4m - 14m.	<b>Shift Data:</b> Groundwater 11/02/2016 14.00m End of shift
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**Equipment & Methods:** Deltabase 520



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**BH10**

Sheet 2 of 2

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 722792E - 718279N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 11/02/2016	<b>Level:</b> 99.31 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
	<input checked="" type="checkbox"/>					90.21	9.10	Open hole drilling. Driller described wet sandy GRAVEL	
						88.81	10.50	Open hole drilling. Driller described sandy, clayey GRAVEL	
						14.00	85.31	14.00	

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Water	Depth (m)	Type	Results	Casing	Level	Depth
Struck	Rose to	After	Scaled	Comment	<b>Hole Information:</b>	
6.00m	-	-	-	-	Hole Depth	Hole Diameter
9.10m	-	-	-	-	14.00m	150
					Casing Diameter	131mm
					<b>Chiselling:</b>	
					Depths (m)	Time (hhmm)
					to	Tool

<b>Remarks:</b> Borehole complete at 14.0m bgl. 50mm dia. standpipe installed response zone 4m - 14m.	<b>Shift Data:</b> Groundwater - Shift (dd/mm/yyyy) 11/02/2016 Casing depth 14.00m Remarks End of shift
<b>Equipment &amp; Methods:</b> Deltabase 520	



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Borehole No  
**BH11**

Sheet 1 of 4

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723803E - 718269N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 24/02/2016	<b>Level:</b> 82.65 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy CLAY		
					79.35	3.30	Open hole drilling. Driller describes sandy GRAVEL.		
					76.25	6.40	Open hole drilling. Driller describes GRAVEL.		
							Continued next sheet		

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<b>Groundwater:</b> Struck    Rose to    After    Sealed    Comment	<b>Hole Information:</b> Hole Depth    Hole Diameter    Casing Diameter 33.00m            150                    131mm	<b>Chiselling:</b> Depths (m)    Time (hhmm)    Tool to
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<b>Remarks:</b> Borehole complete at 33.0m bgl. 50mm dia. standpipe installed response zone 1m - 33m.	<b>Shift Data:</b> Groundwater    Shift (dd/mm/yyyy)    Casing depth    Remarks -                            24/02/2016            33.00m            End of shift
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<b>Equipment &amp; Methods:</b> Deltabase 520
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<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.</b> P15180	<b>Co-ords:</b> 723803E - 718269N	<b>Hole Type</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 24/02/2016	<b>Level:</b> 82.65 mOD	<b>Scale</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
[Vertical Scale]							Open hole drilling. Driller describes GRAVEL.	[Legend]	
					70.05	12.60	Open hole drilling. Driller describes sandy GRAVEL.	[Legend]	
							Continued next sheet		

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<b>Groundwater:</b> Struck    Rose to    After    Sealed    Comment	<b>Hole Information:</b> Hole Depth    Hole Diameter    Casing Diameter 33.00m        150                    131mm	<b>Chiselling:</b> Depths (m)    Time (hhmm)    Tool to
<b>Remarks:</b> Borehole complete at 33.0m bgl. 50mm dia. standpipe installed response zone 1m - 33m.	<b>Shift Data:</b> Groundwater    Shift (dd/mm/yyyy)    Casing depth    Remarks 24/02/2016            33.00m            End of shift	
<b>Equipment &amp; Methods:</b> Deltabase 520		



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**BH11**

Sheet 3 of 4

<b>Project Name:</b> Fassaroe Historic Landfills		<b>Project No.</b> P15180	<b>Co-ords:</b> 723803E - 718269N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers		<b>Dates:</b> 24/02/2016	<b>Level:</b> 82.65 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
[Vertical Line]							Open hole drilling. Driller describes sandy GRAVEL.	[Stippled Pattern]	
					60.65	22.00	Open hole drilling. Driller describes SAND.	[Stippled Pattern]	
								[Stippled Pattern]	

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Continued next sheet

<b>Groundwater:</b> Struck    Rose to    After    Sealed    Comment					<b>Hole Information:</b> Hole Depth    Hole Diameter    Casing Diameter 33.00m              150                    131mm			<b>Chiselling:</b> Depths (m)              Time (hhmm)              Tool to		
<b>Remarks:</b> Borehole complete at 33.0m bgl. 50mm dia. standpipe installed response zone 1m - 33m.					<b>Shift Data:</b> Groundwater -              Shift (dd/mm/yyyy) 24/02/2016              Casing depth 33.00m              Remarks End of shift					
<b>Equipment &amp; Methods:</b> Deltabase 520										



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<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723803E - 718269N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 24/02/2016	<b>Level:</b> 82.65 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller describes SAND.		
								28	
								29	
								30	
								31	
								32	
					33.00	49.65	33.00	33	
							End of Borehole at 33.00 m		
								34	
								35	

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Water	Depth (m)	Type	Results	Casing	Level	Depth	Chiselling:	Time (hhmm)	Tool
Struck		Rose to	After Sealed	Comment	Hole Information:		Depths (m)		
					Hole Depth	Hole Diameter	to		
					33.00m	150			
						Casing Diameter			
						133mm			

**Remarks:** Borehole complete at 33.0m bgl. 50mm dia. standpipe installed response zone 1m - 33m.

**Shift Data:** Groundwater - Shift (dd/mm/yyyy) 24/02/2016 Casing depth 33.00m Remarks End of shift

**Equipment & Methods:** Database 520



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Borehole No  
**BH13**

Sheet 1 of 3

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723634E - 718448N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 03/02/2016	<b>Level:</b> 87.99 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
					86.59	1.40	Open hole drilling. Driller described sandy CLAY	1	
							Open hole drilling. Driller described sandy, clayey GRAVEL	2	
								3	
								4	
								5	
					81.79	6.20	Open hole drilling. Driller described SAND	6	
								7	
								8	

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Water	Depth (m)	Type	Results	Casing	Level	Depth
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<b>Groundwater:</b> Struck 11.10m Rose to - After - Sealed - Comment					<b>Hole Information:</b> Hole Depth 19.50m Hole Diameter 150 Casing Diameter 130mm			<b>Chiselling:</b> Depths (m) to Time (hhmm) Tool		
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<b>Remarks:</b> Borehole completed at 19.5m bgl. 50mm dia. standpipe installed response zone 4.5m - 19.5m.	<b>Shift Data:</b> Groundwater - Shift (dd/mm/yyyy) 03/02/2016 Casing depth 19.50m Remarks End of shift
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<b>Equipment &amp; Methods:</b> Deltabase520
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Borehole No  
**BH13**

Sheet 2 of 3

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723634E - 718448N	<b>Hole Type:</b> RO
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<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 03/02/2016	<b>Level:</b> 87.99 mOD	<b>Scale:</b> 1:50
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Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
					78.79	9.20	Open hole drilling. Driller described SAND Open hole drilling. Driller described sandy GRAVEL		
					77.49	10.50	Open hole drilling. Driller described very wet GRAVEL		
					76.89	11.10	Open hole drilling. Driller described silty, sandy CLAY		
					76.69	11.30	Open hole drilling. Driller described dry SAND		
					71.49	16.50	Open hole drilling. Driller described sandy GRAVEL		

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Water	Depth (m)	Type	Results	Casing	Level	Depth	Chiselling:	Time (hhmm)	Tool
Struck	11.10m	-	-	-	19.50m	150	130mm		

<b>Remarks:</b> Borehole completed at 19.5m bgl. 50mm dia. standpipe installed response zone 4.5m - 19.5m.	<b>Shift Data:</b> Groundwater - Shift (dd/mm/yyyy) 03/02/2016 Casing depth 19.50m Remarks End of shift
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<b>Equipment &amp; Methods:</b> Deltabase520
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**BH13**

Sheet 3 of 3

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723634E - 718448N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 03/02/2016	<b>Level:</b> 87.99 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy GRAVEL		
					19.50	68.49	19.50	End of Borehole at 19.50 m	

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Water	Depth (m)	Type	Results	Casing	Level	Depth			

<b>Groundwater:</b> Struck 11.10m Rose to - After - Sealed - Comment					<b>Hole Information:</b> Hole Depth 19.50m Hole Diameter 150 Casing Diameter 130mm			<b>Chiselling:</b> Depths (m) to Time (hhmm) Tool		
<b>Remarks:</b> Borehole completed at 19.5m bgl. 50mm dia. standpipe installed response zone 4.5m - 19.5m.							<b>Shift Data:</b> Groundwater - Shift (dd/mm/yyyy) 03/02/2016 Casing depth 19.50m Remarks End of shift			
<b>Equipment &amp; Methods:</b> Deltabase520										



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Borehole No  
**G01**

Sheet 1 of 3

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.</b> P15180	<b>Co-ords:</b> 723757E - 718233N	<b>Hole Type</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 23/02/2016	<b>Level:</b> 84.99 mOD	<b>Scale</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy GRAVEL.		
							Open hole drilling. Driller described GRAVEL.		
						76.89	8.10		

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Water	Depth (m)	Type	Results	Casing	Level	Depth	Chiselling:	Time (hhmm)	Tool
							Depths (m)		
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter		
-	-	-	-	-None encountered.	19.30m	150	131mm	to	
<b>Remarks:</b> Borehole complete at 19.30m bgl. 50mm dia. standpipe installed response zone 1m to 11m.							<b>Shift Data:</b> Groundwater		
							Shift (dd/mm/yyyy) Casing depth Remarks		
							23/02/2016 19.30m End of shift		
<b>Equipment &amp; Methods:</b> Deltabase 520									



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Borehole No  
**G01**

Sheet 2 of 3

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723757E - 718233N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 23/02/2016	<b>Level:</b> 84.99 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
						75.59	9.40	Open hole drilling. Driller described GRAVEL.	
								Open hole drilling. Driller described sandy GRAVEL.	
						75.19	9.80	Open hole drilling. Driller described GRAVEL.	
									10
									11
									12
									13
									14
									15
									16
						67.89	17.10	Open hole drilling. Driller described blowing fine SAND and GRAVEL.	17

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Water	Depth (m)	Type	Results	Casing	Level	Depth
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<b>Groundwater:</b> Struck: -    Rose to: -    After: -    Sealed: -None encountered.    Comment: -					<b>Hole Information:</b> Hole Depth: 19.30m    Hole Diameter: 150    Casing Diameter: 131mm			<b>Chiselling:</b> Depths (m): to    Time (h:mm):    Tool:		
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<b>Remarks:</b> Borehole complete at 19.30m bgl. 50mm dia. standpipe installed response zone 1m to 11m.	<b>Shift Data:</b> Groundwater: -    Shift (dd/mm/yyyy): 23/02/2016    Casing depth: 19.30m    Remarks: End of shift
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**Equipment & Methods:** Deltabase 520



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**G01**

Sheet 3 of 3

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.</b> P15180	<b>Co-ords:</b> 723757E - 718233N	<b>Hole Type</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 23/02/2016	<b>Level:</b> 84.99 mOD	<b>Scale</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described blowing fine SAND and GRAVEL.		
					19.30	65.69	19.30	End of Borehole at 19.30 m	
								19	
								20	
								21	
								22	
								23	
								24	
								25	
								26	

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Water	Depth (m)	Type	Results	Casing	Level	Depth
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<b>Groundwater:</b> Struck: -    Rose to: -    After: -    Sealed: - Comment: -None encountered.				<b>Hole Information:</b> Hole Depth: 19.30m    Hole Diameter: 150    Casing Diameter: 131mm			<b>Chiselling:</b> Depths (m): - to -    Time (hhmm): -    Tool: -		
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**Remarks:** Borehole complete at 19.30m bgl. 50mm dia. standpipe installed response zone 1m to 11m.

**Shift Data:** Groundwater -    Shift (dd/mm/yyyy): 23/02/2016    Casing depth: 19.30m    Remarks: End of shift

**Equipment & Methods:** Deltabase 520



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Borehole No  
**G02**

Sheet 1 of 3

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723907E - 718312N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 03/02/2016-04/02/2016	<b>Level:</b> 72.66 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described CLAY.		
						69.66	3.00	Open hole drilling. Driller described SAND.	

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<b>Groundwater:</b> Struck 3.20m Rose to - After - Sealed - Comment	<b>Hole information:</b> Hole Depth 19.50m Hole Diameter 150 Casing Diameter 130mm	<b>Chiselling:</b> Depths (m) to Time (hhmm) Tool
<b>Remarks:</b> Borehole complete at 19.50m bgl. 50mm dia. standpipe installed response zone 1m to 11.5m.	<b>Shift Data:</b>	
<b>Equipment &amp; Methods:</b> Deltabase 520	Groundwater 3.20m	Shift (dd/mm/yyyy) 03/02/2016 to 04/02/2016
	Casing depth 13.50m to 13.50m	Remarks End of shift Start of shift



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**Project Name:**

assaroe Historic Landfills

**Project No.**

P15180

**Co-ords:** 723907E - 718312N

**Hole Type**

RO

**Client:** RPS Consulting Engineers

**Dates:**

03/02/2016-04/02/2016

**Level:** 72.66 mOD

**Scale**

1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described SAND.		
					62.16	10.50	Open hole drilling. Driller described GRAVEL.		
					59.16	13.50	Open hole drilling. Driller described sandy GRAVEL.		
							Continued next sheet		

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Groundwater:				
Struck	Rose to	After	Sealed	Comment
3.20m	-	-	-	

Hole Information:		
Hole Depth	Hole Diameter	Casing Diameter
19.50m	150	130mm

Chiselling:		
Depths (m)	Time (hhmm)	Tool
to		

**Remarks:** Borehole complete at 19.50m bgl. 50mm dia. standpipe installed response zone 1m to 11.5m.

Shift Data:			
Groundwater	Shift (dd/mm/yyyy)	Casing depth	Remarks
3.20m	03/02/2016	13.50m	End of shift
-	04/02/2016	13.50m	Start of shift

**Equipment & Methods:** Deltabase 520



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Borehole No

**G02**

Sheet 3 of 3

**Project Name:**

Fassaroe Historic Landfills

**Project No.:**

P15180

**Co-ords:** 723907E - 718312N

**Hole Typ:**

RO

**Client:** RPS Consulting Engineers

**Dates:**

03/02/2016-04/02/2016

**Level:** 72.66 mOD

**Scale:**

1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
						53.66	19.00	Open hole drilling. Driller described sandy GRAVEL.	
					19.50		End of Borehole at 19.50 m		
									19
									20
									22
									23
									24
									26

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**Groundwater:**

Struck	Rose to	After	Sealed	Comment
3.20m	-	-	-	

**Hole Information:**

Hole Depth	Hole Diameter	Casing Diameter
19.50m	150	130mm

**Chiselling:**

Depths (m)	Time (hhmm)	Tool
to		

**Remarks:** Borehole complete at 19.50m bgl. 50mm dia. standpipe installed response zone 1m to 11.5m.

**Shift Data:**

Groundwater	Shift (dd/mm/yyyy)	Casing depth	Remarks
3.20m	03/02/2016	13.50m	End of shift
-	04/02/2016	13.50m	Start of shift

**Equipment & Methods:** Deltabase 520





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Borehole No  
**G03**

Sheet 1 of 3

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.</b> P15180	<b>Co-ords:</b> 723984E - 718344N	<b>Hole Type</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 08/02/2016	<b>Level:</b> 69.50 mOD	<b>Scale</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described CLAY.		
					68.00	1.50	Open hole drilling. Driller described clay GRAVEL.		
					66.50	3.00	Open hole drilling. Driller described sandy GRAVEL.		
					62.00	7.50	Open hole drilling. Driller described GRAVEL with boulder content.		

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Continued next sheet

Water	Depth (m)	Type	Results	Casing	Level	Depth	Groundwater:	Hole Information:	Chiselling:
-	-	-	-None encountered.		19.50m	150	Struck	Hole Depth	Depths (m)
							Rose to	Hole Diameter	Time (hhmm)
							After	Casing Diameter	Tool
							Sealed		
							Comment		

<b>Remarks:</b> Borehole complete at 19.50m bgl. 50mm dia. standpipe installed response zone 1m to 19.5m.	<b>Shift Data:</b> Groundwater Shift (dd/mm/yyyy) Casing depth Remarks 08/02/2016 19.50m End of shift
<b>Equipment &amp; Methods:</b> Deltabase 520	



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Borehole No  
**G03**

Sheet 2 of 3

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723984E - 718344N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 08/02/2016	<b>Level:</b> 69.50 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described GRAVEL with boulder content.		
					59.00	10.50	Open hole drilling. Driller described gravelly SAND with boulder content.		
					57.50	12.00	Open hole drilling. Driller described SAND.		
					54.50	15.00	Open hole drilling. Driller described GRAVEL.		
					51.50	18.00			

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<b>Groundwater:</b> Struck: -    Rose to: -    After: -    Sealed: -    Comment: -None encountered.					<b>Hole Information:</b> Hole Depth: 19.50m    Hole Diameter: 150    Casing Diameter: 131mm			<b>Chiselling:</b> Depths (m) to:    Time (hhmm):    Tool:		
<b>Remarks:</b> Borehole complete at 19.50m bgl. 50mm dia. standpipe installed response zone 1m to 19.5m.					<b>Shift Data:</b> Groundwater: -    Shift (dd/mm/yyyy): 08/02/2016    Casing depth: 19.50m    Remarks: End of shift					
<b>Equipment &amp; Methods:</b> Deltabase 520										



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Borehole No  
**G03**

Sheet 3 of 3

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.</b> P15180	<b>Co-ords:</b> 723984E - 718344N	<b>Hole Type</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 08/02/2016	<b>Level:</b> 69.50 mOD	<b>Scale</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described SAND.		
					19.50	50.00	19.50		
							End of Borehole at 19.50 m		

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<table border="1"> <thead> <tr> <th>Water</th> <th>Depth (m)</th> <th>Type</th> <th>Results</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-None encountered.</td> </tr> </tbody> </table>	Water	Depth (m)	Type	Results	-	-	-	-None encountered.	<table border="1"> <thead> <tr> <th colspan="3">Hole Information:</th> </tr> <tr> <th>Hole Depth</th> <th>Hole Diameter</th> <th>Casing Diameter</th> </tr> </thead> <tbody> <tr> <td>19.50m</td> <td>150</td> <td>131mm</td> </tr> </tbody> </table>	Hole Information:			Hole Depth	Hole Diameter	Casing Diameter	19.50m	150	131mm	<table border="1"> <thead> <tr> <th colspan="3">Chiselling:</th> </tr> <tr> <th>Depths (m)</th> <th>Time (hhmm)</th> <th>Tool</th> </tr> </thead> <tbody> <tr> <td>to</td> <td></td> <td></td> </tr> </tbody> </table>	Chiselling:			Depths (m)	Time (hhmm)	Tool	to		
Water	Depth (m)	Type	Results																									
-	-	-	-None encountered.																									
Hole Information:																												
Hole Depth	Hole Diameter	Casing Diameter																										
19.50m	150	131mm																										
Chiselling:																												
Depths (m)	Time (hhmm)	Tool																										
to																												
<b>Remarks:</b> Borehole complete at 19.50m bgl. 50mm dia. standpipe installed response zone 1m to 19.5m.		<b>Shift Data:</b> Groundwater Shift (dd/mm/yyyy) Casing depth Remarks - 08/02/2016 19.50m End of shift																										
<b>Equipment &amp; Methods:</b> Deltabase 520																												



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Borehole No  
**G04**

Sheet 1 of 3

**Project Name:** Fassaroe Historic Landfills  
**Project No.:** P15180  
**Co-ords:** 723641E - 718282N  
**Hole Type:** Rotary

**Client:** RPS Consulting Engineers  
**Dates:** 22/01/2016  
**Level:** 85.62 mOD  
**Scale:** 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
					85.42	0.20	Topsoil		
							Open hole drilling. Driller describes grey to brown sandy GRAVEL.	1	
								2	
								3	
								4	
					81.12	4.50	Open hole drilling. Driller describes dark grey sandy, clayey GRAVEL.	5	
								6	
								7	
								8	

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Water	Depth (m)	Type	Results	Casing	Level	Depth
-------	-----------	------	---------	--------	-------	-------

<b>Groundwater:</b>				<b>Hole Information:</b>			<b>Chiselling:</b>			
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Depths (m)	Time (hhmm)	Tool
-	-	-	-	Refer to detail 19.5m	20.00m	150	131mm	to		

**Remarks:** Borehole complete at 20m bgl. 50mm dia. standpipe installed response zone 3m to 20m.

**Shift Data:** Groundwater - Shift (dd/mm/yyyy) 22/01/2016 Casing depth 20.00m Remarks End of shift

**Equipment & Methods:** Deltabase 520



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Borehole No  
**G04**

Sheet 2 of 3

**Project Name:**

assaroe Historic Landfills

**Project No.**

P15180

Co-ords: 723641E - 718282N

**Hole Type**

Rotary

**Client:** RPS Consulting Engineers

**Dates:**

22/01/2016

Level: 85.62 mOD

**Scale**

1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller describes dark grey sandy, clayey GRAVEL.		
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	

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Water	Depth (m)	Type	Results	Casing	Level	Depth
-------	-----------	------	---------	--------	-------	-------

<b>Groundwater:</b> Struck -    Rose to -    After -    Sealed -    Comment: Refer to detail 19.5m				<b>Hole Information:</b> Hole Depth: 20.00m    Hole Diameter: 150    Casing Diameter: 131mm			<b>Chiselling:</b> Depths (m) to -    Time (hhmm) -    Tool -		
---	--	--	--	--	--	--	--	--	--

<b>Remarks:</b> Borehole complete at 20.0m bgl. 50mm dia. standpipe installed response zone 3m to 20m.	<b>Shift Data:</b> Groundwater -    Shift (dd/mm/yyyy) 22/01/2016    Casing depth 20.00m    Remarks: End of shift
--	---

<b>Equipment &amp; Methods:</b> Deltabase 520
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Borehole No  
**G04**

Sheet 3 of 3

**Project Name:** Fassaroe Historic Landfills  
**Project No.:** P15180  
**Co-ords:** 723641E - 718282N  
**Hole Type:** Rotary

**Client:** RPS Consulting Engineers  
**Dates:** 22/01/2016  
**Level:** 85.62 mOD  
**Scale:** 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
						66.12	19.50	Open hole drilling. Driller describes dark grey sandy, clayey GRAVEL.	
					20.00	65.62	20.00	Open hole drilling. Driller describes GRAVEL. From 19.50 to 20.0m bgl arisings are wet.	
								End of Borehole at 20.00 m	

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<b>Groundwater:</b>					<b>Hole Information:</b>			<b>Chiselling:</b>		
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Depths (m)	Time (hhmm)	Tool
-	-	-	-	Refer to detail 19.5m	20.00m	150	131mm	to		

**Remarks:** Borehole complete at 20.0m bgl. 50mm dia. standpipe installed response zone 3m to 20m.  
**Shift Data:** Groundwater - Shift (dd/mm/yyyy) 22/01/2016 Casing depth 20.00m Remarks End of shift

**Equipment & Methods:** Deltabase 520



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Borehole No

**G05**

Sheet 1 of 3

**Project Name:**

assaroe Historic Landfills

**Project No.**

P15180

**Co-ords:** 723639E - 718345N

**Hole Type**

Rotary

**Client:** RPS Consulting Engineers

**Dates:**

27/01/2016

**Level:** 86.72 mOD

**Scale**

1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy, clayey GRAVEL.		
					83.42	3.30	Open hole drilling. Driller describes dark grey sandy, clayey GRAVEL.		
					80.07	6.65	Open hole drilling. Driller describes sandy GRAVEL.		
							Continued next sheet		

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Groundwater:					Hole Information:			Chiselling:		
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Depths (m) to	Time (hhmm)	Tool
					20.00m	150	131mm			

**Remarks:** Borehole complete at 20m bgl. 50mm dia. standpipe installed response zone 1m to 20m.

**Shift Data:** Groundwater Shift (dd/mm/yyyy) Casing depth Remarks  
- 25/01/2016 20.00m End of shift

**Equipment & Methods:** Deltabase 520



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Borehole No  
**G05**

Sheet 2 of 3

**Project Name:** Fassaroe Historic Landfills  
**Project No.:** P15180  
**Co-ords:** 723639E - 718345N  
**Hole Type:** Rotary

**Client:** RPS Consulting Engineers  
**Dates:** 27/01/2016  
**Level:** 86.72 mOD  
**Scale:** 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller describes sandy GRAVEL.		
					76.22	10.50	Open hole drilling. Driller describes SAND.		

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Groundwater:					Hole Information:			Chiselling:		
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Depths (m)	Time (h:mm)	Tool
					20.00m	150	131mm			

<b>Remarks:</b> Borehole complete at 20m bgl. 50mm dia. standpipe installed response zone 1m to 20m.	<b>Shift Data:</b> Groundwater - Shift (dd/mm/yyyy) 25/01/2016 Casing depth 20.00m Remarks End of shift



**Project Name:**

assaroe Historic Landfills

**Project No.**

P15180

**Co-ords:** 723639E - 718345N**Hole Type**

Rotary

**Client:** RPS Consulting Engineers**Dates:**  
27/01/2016**Level:** 86.72 mOD**Scale**  
1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller describes SAND.		
				20.00	66.72	20.00	End of Borehole at 20.00 m		
								19	
								20	
								21	
								22	
								23	
								24	
								25	
								26	

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Water	Depth (m)	Type	Results	Casing	Level	Depth	Chiselling:		Tool
<b>Groundwater:</b> Struck Rose to After Sealed Comment			<b>Hole Information:</b> Hole Depth Hole Diameter Casing Diameter			Depths (m) Time (hhmm)			
							to		
<b>Remarks:</b> Borehole complete at 20m bgl. 50mm dia. standpipe installed response zone 1m to 20m.			<b>Shift Data:</b> Groundwater			Shift (dd/mm/yyyy) Casing depth	Remarks		
						-	25/01/2016 20.00m	End of shift	
<b>Equipment &amp; Methods:</b> Deltabase 520									



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Borehole No

G06

Sheet 1 of 2

Project Name:  
Fassaroe Historic Landfills

Project No.  
P15180

Co-ords: 723574E - 718442N

Hole Type  
Rotary

Client: RPS Consulting Engineers

Dates:  
26/01/2016

Level: 90.99 mOD

Scale  
1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller describes sandy, clayey GRAVEL.		
						87.09	3.90	Open hole drilling. Driller describes GRAVEL.	
						82.39	8.60	Open hole drilling. Driller describes sandy GRAVEL.	

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Water	Depth (m)	Type	Results	Casing	Level	Depth	Chiselling:	Time (hhmm)	Tool
-	-	-	- None encountered	12.00m	150	131mm	Depths (m) to		

Remarks: Borehole complete at 12m bgl. 50mm dia. standpipe installed response zone 1m to 11m.

Shift Data: Groundwater - Shift (dd/mm/yyyy) 26/01/2016 Casing depth 12.00m Remarks End of shift

Equipment & Methods: Deltabase 520



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Borehole No

**G06**

Sheet 2 of 2

**Project Name:**

assaroo Historic Landfills

**Project No.**

P15180

**Co-ords:** 723574E - 718442N

**Hole Type**

Rotary

**Client:** RPS Consulting Engineers

**Dates:**

26/01/2016

**Level:** 90.99 mOD

**Scale**

1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller describes sandy GRAVEL.		
					12.00	78.99	12.00	End of Borehole at 12.00 m	

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**Groundwater:**

Struck	Rose to	After	Sealed	Comment
-	-	-	-	- None encountered

**Hole Information:**

Hole Depth	Hole Diameter	Casing Diameter
12.00m	150	131mm

**Chiselling:**

Depths (m)	Time (hhmm)	Tool
to		

**Remarks:** Borehole complete at 12m bgl. 50mm dia. standpipe installed response zone 1m to 11m.

**Shift Data:** Groundwater Shift (dd/mm/yyyy) Casing depth Remarks  
- 26/01/2016 12.00m End of shift

**Equipment & Methods:** Deltabase 520



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Borehole No  
**G07**

Sheet 1 of 2

**Project Name:** Fassaroe Historic Landfills  
**Project No.:** P15180  
**Co-ords:** 723368E - 718434N  
**Hole Type:** Rotary

**Client:** RPS Consulting Engineers  
**Dates:** 28/01/2016  
**Level:** 93.03 mOD  
**Scale:** 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller describes sandy CLAY.		
					89.93	3.10	Open hole drilling. Driller describes GRAVEL.		
					84.03	9.00	Continued next sheet		

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Groundwater:					Hole Information:			Chiselling:		
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Depths (m)	Time (hhmm)	Tool
-	-	-	-	- None encountered	14.00m	150	131mm	to		

**Remarks:** Borehole complete at 140m bgl. 50mm dia. standpipe installed response zone 1m to 14m.

**Shift Data:** Groundwater  
: 20/01/2016 14.00m End of shift  
: 28/01/2016 0.00m Start of shift

**Equipment & Methods:** Deltabase 520



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Borehole No  
**G07**

Sheet 2 of 2

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723368E - 718434N	<b>Hole Type:</b> Rotary
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 28/01/2016	<b>Level:</b> 93.03 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
						83.43	9.60	Open hole drilling. Driller describes sandy GRAVEL.	
								Open hole drilling. Driller describes SAND.	
									10
									11
									12
									13
					14.00	93.03	14.00	End of Borehole at 14.00 m	14
									15
									16
									17

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Water	Depth (m)	Type	Results	Casing	Level	Depth
-	-	-	- None encountered	14.00m	150	131mm

<b>Groundwater:</b> Struck: - Rose to: - After: - Sealed: - Comment: - None encountered	<b>Hole Information:</b> Hole Depth: 14.00m Hole Diameter: 150 Casing Diameter: 131mm	<b>Chiselling:</b> Depths (m): to Time (hhmm): Tool:
--	--	---

<b>Remarks:</b> Borehole complete at 140m bgl. 50mm dia. standpipe installed response zone 1m to 14m.	<b>Shift Data:</b> Groundwater: - Shift (dd/mm/yyyy): 20/01/2016 to 28/01/2016 Casing depth: 14.00m to 0.00m Remarks: End of shift, Start of shift
---	---

**Equipment & Methods:** Deltabase 520



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Drilled By  
GW  
Logged By

Borehole No  
**G08**

Sheet 1 of 2

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723307E - 718326N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 29/01/2016	<b>Level:</b> 94.29 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller describes slightly sandy, slightly gravelly CLAY.		
					91.09	3.20	Open hole drilling. Driller described GRAVEL.		
Continued next sheet									

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<b>Groundwater:</b> Struck: - Rose to: - After: - Sealed: - Comment: - None encountered	<b>Hole Information:</b> Hole Depth: 14.00m Hole Diameter: 150 Casing Diameter: 131mm	<b>Chiselling:</b> Depths (m): to Time (hh:mm): Tool:
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<b>Remarks:</b> Borehole complete at 14.0m bgl. 50mm dia. standpipe installed response zone 1m to 14m.	<b>Shift Data:</b> Groundwater: - Shift (dd/mm/yyyy): 29/01/2016 Casing depth: 14.00m Remarks: End of shift
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**Equipment & Methods:** Deltabase 520



<b>Project Name:</b> assaroe Historic Landfills		<b>Project No.</b> P15180	<b>Co-ords:</b> 723307E - 718326N	<b>Hole Type</b> RO
<b>Client:</b> RPS Consulting Engineers		<b>Dates:</b> 29/01/2016	<b>Level:</b> 94.29 mOD	<b>Scale</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described GRAVEL.		
					14.00	80.29	14.00		
							End of Borehole at 14.00 m		

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<b>Groundwater:</b> Struck: -    Rose to: -    After: -    Sealed: -    Comment: - None encountered				<b>Hole Information:</b> Hole Depth: 14.00m    Hole Diameter: 150    Casing Diameter: 131mm			<b>Chiselling:</b> Depths (m): to    Time (hhmm):    Tool:		
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<b>Remarks:</b> Borehole complete at 14.0m bgl. 50mm dia. standpipe installed response zone 1m to 14m.	<b>Shift Data:</b> Groundwater: -    Shift (dd/mm/yyyy): 29/01/2016    Casing depth: 14.00m    Remarks: End of shift
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**Equipment & Methods:** Deltabase 520



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Borehole No

**G09**

Sheet 1 of 2

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723094E - 718350N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 17/02/2016	<b>Level:</b> 93.56 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy CLAY.		
					91.26	2.30	Open hole drilling. Driller described gravelly SAND.		
					84.66	8.90			
							Continued next sheet		

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Water	Depth (m)	Type	Results	Casing	Level	Depth

  

<b>Groundwater:</b>			<b>Hole Information:</b>			<b>Chiselling:</b>				
Struck 13.30m	Rose to -	After -	Sealed -	Comment Blowing sand	Hole Depth 15.00m	Hole Diameter 150	Casing Diameter 131mm	Depths (m) to	Time (hhmm)	Tool

<b>Remarks:</b> Borehole complete at 15.0m bgl. 50mm dia. standpipe installed response zone 1m to 14m.	<b>Shift Data:</b> Groundwater - Shift (dd/mm/yyyy) 17/02/2016 Casing depth 15.00m Remarks End of shift
<b>Equipment &amp; Methods:</b> Deltabase 520	





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**G09**

Sheet 2 of 2

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723094E - 718350N	<b>Hole Type:</b> RO
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<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 17/02/2016	<b>Level:</b> 93.56 mOD	<b>Scale:</b> 1:50
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Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy, clay GRAVEL.		
					80.26	13.30	Open hole drilling. Driller described blowing SAND.		
					15.00	78.56	15.00		End of Borehole at 15.00 m

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<b>Groundwater:</b> Struck 13.30m Rose to - After - Sealed - Comment Blowing sand	<b>Hole Information:</b> Hole Depth 15.00m Hole Diameter 150 Casing Diameter 131mm	<b>Chiselling:</b> Depths (m) to Time (hhmm) Tool
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<b>Remarks:</b> Borehole complete at 15.0m bgl. 50mm dia. standpipe installed response zone 1m to 14m.	<b>Shift Data:</b> Groundwater - Shift (dd/mm/yyyy) 17/02/2016 Casing depth 15.00m Remarks End of shift
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<b>Equipment &amp; Methods:</b> Deltabase 520
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**G10**

Sheet 1 of 3

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723333E - 718172N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 04/02/2016	<b>Level:</b> 98.86 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sand, clay and GRAVEL.		
								1	
								2	
								3	
								4	
								5	
								6	
								7	
								8	

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Continued next sheet

Water	Depth (m)	Type	Results	Casing	Level	Depth
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<b>Groundwater:</b> Struck 20.00m Rose to - After - Sealed - Comment					<b>Hole Information:</b> Hole Depth 20.00m Hole Diameter 150 Casing Diameter 130mm			<b>Chiselling:</b> Depths (m) to Time (hhmm) Tool		
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<b>Remarks:</b> Borehole complete at 20m bgl. 50mm dia. standpipe installed response zone 1m to 18.2m.	<b>Shift Data:</b> Groundwater - Shift (dd/mm/yyyy) 04/02/2016 Casing depth 20.00m Remarks End of shift
--	--

<b>Equipment &amp; Methods:</b> Deltabase 520
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Borehole No  
**G10**

Sheet 2 of 3

**Project Name:** assaroe Historic Landfills  
**Project No.:** P15180  
**Co-ords:** 723333E - 718172N  
**Hole Type:** RO

**Client:** RPS Consulting Engineers  
**Dates:** 04/02/2016  
**Level:** 98.86 mOD  
**Scale:** 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sand, clay and GRAVEL.		
								10	
								11	
								12	
								13	
								14	
								15	
								16	
						82.06	16.80	17	
							Open hole drilling. Driller described blowing wet silty SAND.		

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Continued next sheet

Water	Depth (m)	Type	Results	Casing	Level	Depth
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<b>Groundwater:</b>					<b>Hole Information:</b>			<b>Chiselling:</b>		
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Depths (m)	Time (hhmm)	Tool
20.00m	-	-	-		20.00m	150	130mm	to		

**Remarks:** Borehole complete at 20m bgl. 50mm dia. standpipe installed response zone 1m to 18.2m.  
**Shift Data:** Groundwater - Shift (dd/mm/yyyy) 04/02/2016 Casing depth 20.00m Remarks End of shift

**Equipment & Methods:** Deltabase 520



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Borehole No  
**G10**

Sheet 3 of 3

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 723333E - 718172N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 04/02/2016	<b>Level:</b> 98.86 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described blowing wet silty SAND.		
	▽				20.00	78.86	20.00	End of Borehole at 20.00 m	
									19
									20
									22
									23
									24
									26

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Water	Depth (m)	Type	Results	Casing	Level	Depth

  

<b>Groundwater:</b>					<b>Hole Information:</b>			<b>Chiselling:</b>		
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Depths (m)	Time (hhmm)	Tool
20.00m	-	-	-		20.00m	150	130mm	to		

  

<b>Remarks:</b> Borehole complete at 20m bgl. 50mm dia. standpipe installed response zone 1m to 18.2m.	<b>Shift Data:</b> Groundwater	Shift (dd/mm/yyyy)	Casing depth	Remarks
	-	04/02/2016	20.00m	End of shift

  

<b>Equipment &amp; Methods:</b> Deltabase 520
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Borehole No  
**G11**

Sheet 1 of 2

<b>Project Name:</b> assaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 722977E - 718343N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 18/02/2016	<b>Level:</b> 97.21 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy CLAY.		
					94.11	3.10	Open hole drilling. Driller described sandy GRAVEL.		
					91.11	6.10	Open hole drilling. Driller described SAND.		
					89.71	7.50	Open hole drilling. Driller described sandy GRAVEL.		
					88.31	8.90			

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Continued next sheet

Water	Depth (m)	Type	Results	Casing	Level	Depth	Chiselling:	Time (hhmm)	Tool
Struck	12.00m	-	-	-	-	-	Depths (m) to	-	-
Rose to	-	-	-	-	-	-			
After	-	-	-	-	-	-			
Sealed	-	-	-	-	-	-			
Comment	Hole Information:			Hole Depth	Hole Diameter	Casing Diameter	Chiselling:		
	15.00m	150	131mm	Depths (m) to			Time (hhmm)	Tool	

**Remarks:** Borehole complete at 15m bgl. 50mm dia. standpipe installed response zone 1m to 15m.

**Shift Data:** Groundwater Shift (dd/mm/yyyy) Casing depth Remarks  
18/02/2016 15.00m End of shift

**Equipment & Methods:** Deltabase 520



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Borehole No  
**G11**

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<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 722977E - 718343N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 18/02/2016	<b>Level:</b> 97.21 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
▽							Open hole drilling. Driller described wet GRAVEL. Detail 8.90m - 12.00m : From 8.90m bgl arising are wet until 12.0m bgl.	10	
					85.21	12.00	Open hole drilling. Driller described sandy GRAVEL	11	
					15.00	82.21	15.00	End of Borehole at 15.00 m	12
								13	
								14	
								15	
								16	
								17	

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Water	Depth (m)	Type	Results	Casing	Level	Depth				
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Chiselling: Depths (m)	Time (hhmm)	Tool
12.00m	-	-	-		15.00m	150	131mm	to		

**Remarks:** Borehole complete at 15m bgl. 50mm dia. standpipe installed response zone 1m to 15m.

**Shift Data:** Groundwater Shift (dd/mm/yyyy) Casing depth Remarks  
18/02/2016 15.00m End of shift

**Equipment & Methods:** Deltabase 520



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Borehole No  
**G12**

Sheet 1 of 2

**Project Name:**

assarooe Historic Landfills

**Project No.**

P15180

**Co-ords:** 722830E - 718346N

**Hole Type**

RO

**Client:** RPS Consulting Engineers

**Dates:**

12/02/2016

**Level:** 98.91 mOD

**Scale**

1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy CLAY.		
					96.81	2.10	Open hole drilling. Driller described sandy, clayey GRAVEL.		

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Water	Depth (m)	Type	Results	Casing	Level	Depth
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<b>Groundwater:</b>					<b>Hole Information:</b>			<b>Chiselling:</b>		
Struck	Rose to	After	Sealed	Comment	Hole Depth	Hole Diameter	Casing Diameter	Depths (m)	Time (hhmm)	Tool
14.00m	-	-	-	wet sand	14.00m	150	131mm	to		

<b>Remarks:</b> Borehole complete at 14m bgl. 50mm dia. standpipe installed response zone 1m to 14m.	<b>Shift Data:</b>	Groundwater	Shift (dd/mm/yyyy)	Casing depth	Remarks
		14.00m	12/02/2016	14.00m	End of shift

<b>Equipment &amp; Methods:</b> Deltabase 520
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Borehole No  
**G12**

Sheet 2 of 2

<b>Project Name:</b> Fassaroe Historic Landfills	<b>Project No.:</b> P15180	<b>Co-ords:</b> 722830E - 718346N	<b>Hole Type:</b> RO
<b>Client:</b> RPS Consulting Engineers	<b>Dates:</b> 12/02/2016	<b>Level:</b> 98.91 mOD	<b>Scale:</b> 1:50

Well / Backfill	Water Strikes	Samples & In Situ Testing			Casing / Flush	Level (m AOD)	Depth (m)	Stratum Description	Legend
		Depth (m)	Type	Results					
							Open hole drilling. Driller described sandy, clayey GRAVEL.		
					87.61	11.30	Open hole drilling. Driller described sandy GRAVEL. From 11.30 to 14.0m bgl arisings are wet.		
					14.00	14.00	End of Borehole at 14.00 m		

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Water	Depth (m)	Type	Results	Casing	Level	Depth
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<b>Groundwater:</b> Struck 14.00m Rose to - After - Sealed - Comment wet sand					<b>Hole Information:</b> Hole Depth 14.00m Hole Diameter 150 Casing Diameter 131mm			<b>Chiselling:</b> Depths (m) to Time (hhmm) Tool		
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<b>Remarks:</b> Borehole complete at 14m bgl. 50mm dia. standpipe installed response zone 1m to 14m.	<b>Shift Data:</b> Groundwater 14.00m Shift (dd/mm/yyyy) 12/02/2016 Casing depth 14.00m Remarks End of shift
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<b>Equipment &amp; Methods:</b> Deltabase 520
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