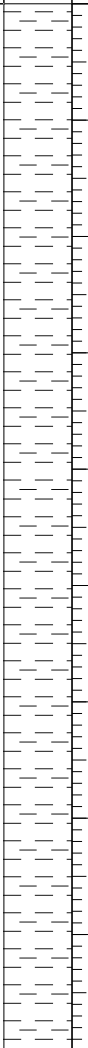
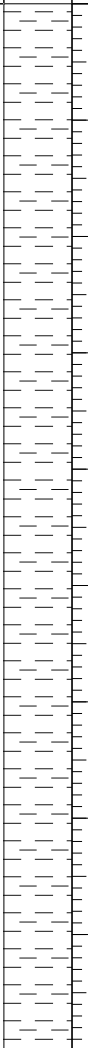
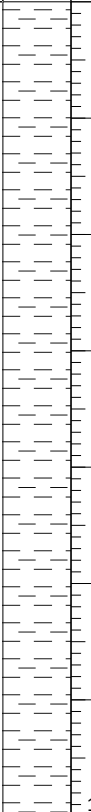
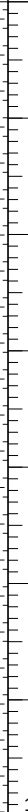
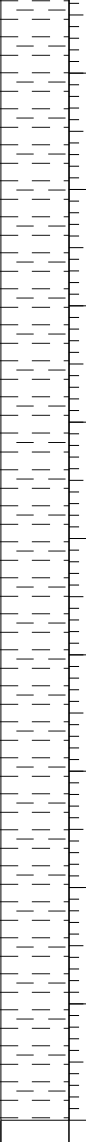
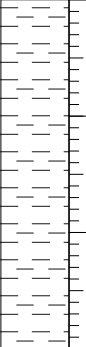


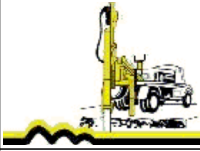
WATER RESEARCH CO. LTD										BOREHOLE No. : BH 7															
										SITE : Henrietta															
Drilling Rig : Apafor 38				National Grid Coordinates						Start Date : 18/03/2019															
Casing Diameter : 114,89mm				N : 7748872.00						End Date : 19/03/2019															
Borehole Diameter : 76,89mm				E : 549253.000						Final Depth : 17.00m															
Core Diameter : 76,52mm				Ground Level : 502.000m amsl						Water Depth : No Ground Water Encountered															
Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Depth of Water Strikes	Sample / In Situ Test	N Value	Recovery (cm)	Coring				FI	Installation	Casing Depth	Drilling									
									Core Run	TCR (%)	SCR (%)	RQD (%)													
0.5	Firm to stiff dark brown very high plasticity silty CLAY. RESIDUAL SOIL.								0.50	100															
1.0									1.00	100															
1.5									1.50	100															
2.0									2.25	100															
2.5																									
3.0									2.87	100															
3.5									3.00	100															
4.0						U2		47	3.50	100							4.0m								
4.5						SPTLS	(18)	30	4.00	100															
5.0									4.50	100															
5.5	Stiff to very stiff reddish brown slightly gravelly high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.								6.00	100															
6.0																									
6.5									6.50	100															
7.0																									
7.5									8.00	100															
8.0						U2		48																	
8.5						SPTLS	(9)	49	8.50	100															
9.0									9.00	100															
9.5																									
10.0																									
Continued on Next Page							9.00	493.00																	
Legend : U : Undisturbed Tube Sample C : (SPT) Solid Cone DC : Dry Coring																	Logged by : DG								
D : Disturbed Sample S : (SPT) Split Spoon WD : Water Drilling																	Drillers : R RM								
RU : Refusal at Jacking of U Sampler NI : Non Intact M : Mazier Sample															Checked by : ES										
R : (SPT) Refusal ▼ : Water Strike ∇ : Water Rose To																									
Contract No. : OPG 19068 CEB				Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2										Sheet : 1 of 2											

WATER RESEARCH CO. LTD										BOREHOLE No. : BH 7						
										SITE : Henrietta						
Drilling Rig : Apafor 38					National Grid Coordinates					Start Date : 18/03/2019						
Casing Diameter : 114,89mm					N : 7748872.00					End Date : 19/03/2019						
Borehole Diameter : 76,89mm					E : 549253.000					Final Depth : 17.00m						
Core Diameter : 76,52mm					Ground Level : 502.000m amsl					Water Depth : No Ground Water Encountered						
Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Depth of Water Strikes	Sample / In Situ Test	N Value	Recovery (cm)	Coring				FI	Installation	Casing Depth	Drilling
									Core Run	TCR (%)	SCR (%)	RQD (%)				
10.5	Stiff to very stiff reddish brown slightly gravelly high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.					SPTLS	(45)	20	10.50	100						
11.0									11.00	100						
11.5																
12.0									12.00	100						
12.5									12.50	100						
13.0						U2		10	13.00	100						
13.5						SPTLS	(47)	19	13.50	100						
14.0									14.00	100						
14.5									14.56	100						
15.0									15.00	100						
15.5						SPTLS	(47)	20	15.50	100						
16.0																
16.5																
17.0	End of Borehole at 17.00m		17.00	485.00					17.00	100					17.0 m	
17.5																
18.0																
18.5																
19.0																
19.5																
20.0																
Legend : U : Undisturbed Tube Sample C : (SPT) Solid Cone DC : Dry Coring D : Disturbed Sample S : (SPT) Split Spoon WD : Water Drilling RU : Refusal at Jacking of U Sampler NI : Non Intact M : Mazier Sample R : (SPT) Refusal ▼ : Water Strike ∇ : Water Rose To													Logged by : DG Drillers : R RM Checked by : ES			
Contract No. : OPG 19068 CEB				Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2										Sheet : 2 of 2		

WATER RESEARCH CO. LTD										BOREHOLE No. : BH 8						
										SITE : Henrietta						
Drilling Rig : Apafor 38				National Grid Coordinates						Start Date : 14/03/2019						
Casing Diameter : 114,89mm				N : 7748780.00						End Date : 15/03/2019						
Borehole Diameter : 76,89mm				E : 549296.000						Final Depth : 17.00m						
Core Diameter : 76,52mm				Ground Level : 509.000m amsl						Water Depth : No Ground Water Encountered						
Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Depth of Water Strikes	Sample / In Situ Test	N Value	Recovery (cm)	Coring				FI	Installation	Casing Depth	Drilling
									Core Run	TCR (%)	SCR (%)	RQD (%)				
0.5	Dark brown very gravelly high plasticity CLAY with frequent rootlets. TOPSOIL.		0.35	508.65					0.20	100						
1.0	Firm to stiff yellowish brown high plasticity silty CLAY. RESIDUAL SOIL.								1.00	100						
1.5									1.50	100						
2.0						SPTLS	(19)	21	2.00	100						
2.5									2.62	100						
3.0									3.00	100						
3.5									3.50	100						
4.0						SPTLS	(22)	24	4.00	100					4.0m	
4.5									4.90	100						
5.0									5.50	100						
5.5						U2		34	6.00	100						
6.0						SPTLS	(15)	30	6.50	100						
6.5									7.38	100						
7.0									8.00	100						
7.5									8.50	100						
8.0						SPTLS	(17)	32	9.34	100						
8.5																
9.0									9.34	100						
9.5																
10.0									10.00	100						
Continued on Next Page																
Legend : U : Undisturbed Tube Sample C : (SPT) Solid Cone DC : Dry Coring D : Disturbed Sample S : (SPT) Split Spoon WD : Water Drilling RU : Refusal at Jacking of U Sampler NI : Non Intact M : Mazier Sample R : (SPT) Refusal ▼ : Water Strike ∇ : Water Rose To													Logged by : DG Drillers : RM Checked by : ES			
Contract No. : OPG 19068 CEB				Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2								Sheet : 1 of 2				

WATER RESEARCH CO. LTD										BOREHOLE No. : BH 8									
										SITE : Henrietta									
Drilling Rig : Apafor 38					National Grid Coordinates					Start Date : 14/03/2019									
Casing Diameter : 114,89mm					N : 7748780.00					End Date : 15/03/2019									
Borehole Diameter : 76,89mm					E : 549296.000					Final Depth : 17.00m									
Core Diameter : 76,52mm					Ground Level : 509.000m amsl					Water Depth : No Ground Water Encountered									
Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Depth of Water Strikes	Sample / In Situ Test	N Value	Recovery (cm)	Coring				FI	Installation	Casing Depth	Drilling			
									Core Run	TCR (%)	SCR (%)	RQD (%)							
10.5	Firm to stiff yellowish brown high plasticity silty CLAY. RESIDUAL SOIL.					SPTLS	(19)	30	10.50	100									
11.0									11.00	100									
11.5																			
12.0									12.00	100									
12.5	Stiff to very stiff slightly gravelly high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.		13.00	496.00		SPTLS	(14)	31	12.50	100									
13.0																			
13.5									13.48	100									
14.0									14.00	100									
14.5									SPTLS	(32)	29	14.50					100		
15.0																			
15.5												15.41					100		
16.0												16.00					100		
16.5	SPTLS	(34)	31	16.50	100			17.0 m											
17.0				17.00	100														
17.0	End of Borehole at 17.00m																		
17.5																			
18.0																			
18.5																			
19.0																			
19.5																			
20.0																			
Legend : U : Undisturbed Tube Sample C : (SPT) Solid Cone DC : Dry Coring D : Disturbed Sample S : (SPT) Split Spoon WD : Water Drilling RU : Refusal at Jacking of U Sampler NI : Non Intact M : Mazier Sample R : (SPT) Refusal ▼ : Water Strike ∇ : Water Rose To													Logged by : DG Drillers : RM Checked by : ES						
Contract No. : OPG 19068 CEB					Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2					Sheet : 2 of 2									

WATER RESEARCH CO. LTD										BOREHOLE No. : BH 9										
										SITE : Henrietta										
Drilling Rig : Apafor 38				National Grid Coordinates						Start Date : 15/03/2019										
Casing Diameter : 114,89mm				N : 7748620.00						End Date : 16/03/2019										
Borehole Diameter : 76,89mm				E : 549312.000						Final Depth : 17.18m										
Core Diameter : 76,52mm				Ground Level : 530.000m amsl						Water Depth : No Ground Water Encountered										
Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Depth of Water Strikes	Sample / In Situ Test	N Value	Recovery (cm)	Coring				FI	Installation	Casing Depth	Drilling				
									Core Run	TCR (%)	SCR (%)	RQD (%)								
0.5	Soft to firm yellowish brown very high plasticity silty CLAY. RESIDUAL SOIL.					SPTLS	(16)	40	0.52	100										
1.0									1.00	100										
1.5									1.50	100										
2.0									2.00	100										
2.5									2.47	100										
3.0									3.00	100										
3.5									3.50	100										
4.0						U2		45	4.00	100							4.0m			
4.5						SPTLS	(13)	42	4.50	100										
5.0									5.00	100										
5.5	5.50	100																		
6.0	6.00	100																		
6.5	SPTLS	(13)	40	6.50	100															
7.0				7.00	100															
7.5				7.50	100															
8.0				8.00	100															
8.5	Soft to firm dark brown very high plasticity silty CLAY. RESIDUAL SOIL.					SPTLS	(19)					30	8.50	100						
9.0													9.00	100						
9.5													9.58	100						
10.0													10.00	100						
Continued on Next Page																				
Legend : U : Undisturbed Tube Sample D : Disturbed Sample RU : Refusal at Jacking of U Sampler R : (SPT) Refusal C : (SPT) Solid Cone S : (SPT) Split Spoon NI : Non Intact ▼ : Water Strike DC : Dry Coring WD : Water Drilling M : Mazier Sample ∇ : Water Rose To																				
Logged by : DG Drillers : RM Checked by : ES																				
Contract No. : OPG 19068 CEB				Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2								Sheet : 1 of 2								



WATER RESEARCH CO. LTD

Drilling Rig : Apafor 38

Casing Diameter : 114,89mm

Borehole Diameter : 76,89mm

Core Diameter : 76,52mm

National Grid Coordinates

N : 7748620.00

E : 549312.000

Ground Level : 530.000m amsl

BOREHOLE No. : BH 9

SITE : Henrietta

Start Date : 15/03/2019

End Date : 16/03/2019

Final Depth : 17.18m

Water Depth : No Ground Water Encountered

Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Depth of Water Strikes	Sample / In Situ Test	N Value	Recovery (cm)	Coring				FI	Installation	Casing Depth	Drilling
	Soft to firm dark brown very high plasticity silty CLAY. RESIDUAL SOIL.					SPTLS	(8)	40	Core Run	TCR (%)	SCR (%)	RQD (%)				
10.5			10.50	100												
11.0			11.00	100												
11.5			11.37	100												
12.0			12.00	100												
12.5			SPTLS	(18)	35	12.50	100									
13.0			13.00	100												
13.5			13.50	100												
14.0			14.00	100												
14.5			SPTLS	(15)	37	14.50	100									
15.0			15.00	100												
15.5			15.50	100												
16.0			16.00	100												
16.5			SPTLS	(13)	35	16.50	100									
17.0			17.18	100												
17.5			End of Borehole at 17.18m		17.18	512.82										
17.5																
18.0																
18.5																
19.0																
19.5																
20.0																

Legend :

U : Undisturbed Tube Sample

D : Disturbed Sample

RU : Refusal at Jacking of U Sampler

R : (SPT) Refusal

C : (SPT) Solid Cone

S : (SPT) Split Spoon

NI : Non Intact

▼ : Water Strike

DC : Dry Coring

WD : Water Drilling

M : Mazier Sample

⚡ : Water Rose To

Logged by : DG

Drillers : RM

Checked by : ES

Contract No. : OPG 19068 CEB

Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2

Sheet : 2 of 2

Appendix B: Corehole Photographs

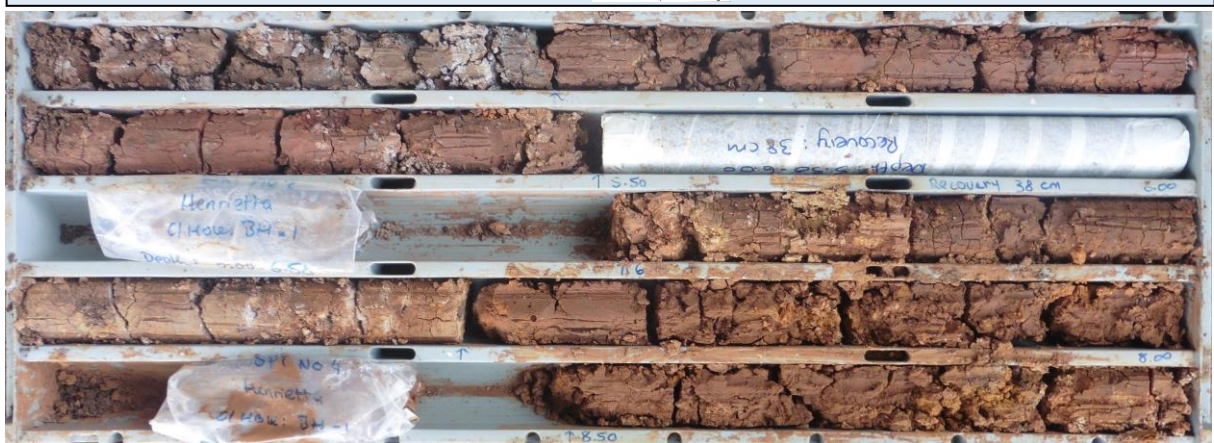
 WATER RESEARCH CO. LTD Trunk Road, St Jean, Quatre Bornes Tel: +230 466 7526/27 Fax: +230 466 7067 Email: water.research@waterresearch.mu	GEOTECHNICAL INVESTIGATION AT HENRIETTA PV FARM PHASE 2
BH 1 Page 1 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 1

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 1	Core Run: 0.00m – 0.40m	S.P.T 1: 1.50m – 2.00m	S.P.T 2: 3.50m – 4.00m
DEPTH: 00.00m – 4.00m	0.40m – 1.00m	Penetration: 000-150mm = 4	Penetration: 000-150mm = 2
DATE: 23/03/2019	1.00m – 1.50m	150-225mm = 5	150-225mm = 2
	1.50m – 2.00m	225-300mm = 4	225-300mm = 3
	2.00m – 3.00m	300-375mm = 4	300-375mm = 2
	3.00m – 3.50m	375-450mm = 5	375-450mm = 1
	3.50m – 4.00m	N Value = 18	N Value = 8
		Recovery = 28cm	Recovery = 30cm



CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 1	CORE RUN: 4.00m – 4.48m	S.P.T 3: 6.00m – 6.50m	S.P.T 4: 8.00m – 8.50m
DEPTH: 4.00m – 9.00m	4.48m – 5.50m	Penetration: 000-150mm = 5	Penetration: 000-150mm = 3
DATE: 23/03/2019	5.50m – 6.00m	150-225mm = 5	150-225mm = 2
	6.00m – 6.50m	225-300mm = 4	225-300mm = 2
	6.50m – 7.39m	300-375mm = 3	300-375mm = 3
	7.39m – 8.00m	375-450mm = 3	375-450mm = 3
	8.00m – 8.50m	N Value = 15	N Value = 10
	8.50m – 9.50m	Recovery = 28cm	Recovery = 30cm



Depth: 0.00m - 9.00m

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BH 1 Page 2 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 1

CLIENT: CENTRAL ELECTRICITY BOARD PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2 SITE: HENRIETTA C/HOLE: BH 1 DEPTH: 9.00m – 14.00m DATE: 25/03/2019			
Core Run: 8.50m – 9.50m 9.50m – 10.00m 10.00m – 10.50m 10.50m – 12.00m 12.00m – 12.50m 12.50m – 14.00m		S.P.T 5: 10.00m – 10.50m Penetration: 000-150mm = 8 150-225mm = 6 225-300mm = 6 300-375mm = 7 375-450mm = 8	S.P.T 6: 12.00m – 12.50m Penetration: 000-150mm = 6 150-225mm = 7 225-300mm = 6 300-375mm = 7 375-450mm = 7
N Value = 27 Recovery = 24cm		N Value = 27 Recovery = 32cm	



CLIENT: CENTRAL ELECTRICITY BOARD PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2 SITE: HENRIETTA C/HOLE: BH 1 DEPTH: 14.00m – 17.00m DATE: 25/03/2019			
CORE RUN: 14.00m – 14.50m 14.50m – 15.00m 15.00m – 16.50m 16.50m – 17.00m		S.P.T 6: 14.50m – 15.00m Penetration: 000-150mm = 7 150-225mm = 8 225-300mm = 7 300-375mm = 7 375-450mm = 7	S.P.T 8: 16.50m – 17.00m Penetration: 000-150mm = 10 150-225mm = 10 225-300mm = 8 300-375mm = 8 375-450mm = 8
N Value = 29 Recovery = 24cm		N Value = 34 Recovery = 27cm	



CORE HOLE ENDS AT 17.00m

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BH 2 Page 1 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 2

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 2	Core Run: 0.00m – 0.40m	S.P.T 1: 1.50m – 2.00m	S.P.T 2: 3.50m – 4.00m
DEPTH: 00.00m – 4.00m	0.40m – 1.00m	Penetration: 000-150mm = 6	Penetration: 000-150mm = 5
DATE: 21/03/2019	1.00m – 1.50m	150-225mm = 5	150-225mm = 6
	1.50m – 2.00m	225-300mm = 4	225-300mm = 5
	2.00m – 3.00m	300-375mm = 5	300-375mm = 6
	3.00m – 3.50m	375-450mm = 4	375-450mm = 4
	3.50m – 4.00m	N Value = 18	N Value = 21
		Recovery = 20cm	Recovery = 23cm



CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 2	CORE RUN: 4.00m – 5.50m	S.P.T 3: 5.50m – 6.00m	S.P.T 4: 8.00m – 8.50m
DEPTH: 4.00m – 9.00m	5.50m – 6.00m	Penetration: 000-150mm = 5	Penetration: 000-150mm = 8
DATE: 21/03/2019	6.00m – 6.50m	150-225mm = 4	150-225mm = 7
	6.50m – 7.39m	225-300mm = 5	225-300mm = 7
	7.39m – 8.00m	300-375mm = 6	300-375mm = 5
	8.00m – 8.50m	375-450mm = 3	375-450mm = 5
	8.50m – 9.00m	N Value = 18	N Value = 24
		Recovery = 21cm	Recovery = 28cm



Depth: 0.00m - 9.00m

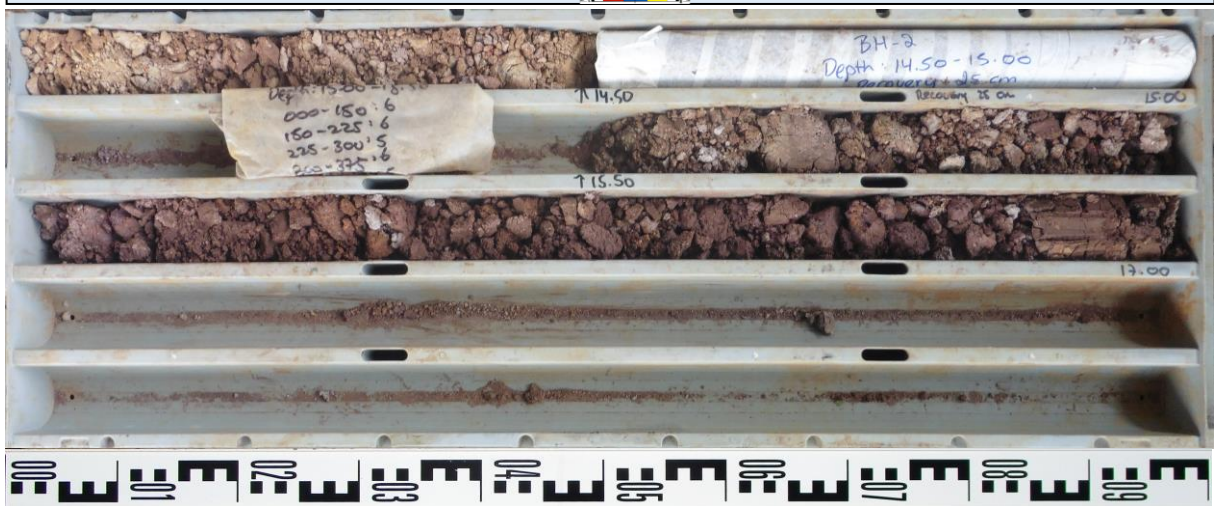
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BH 2 Page 2 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 2

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 2	Core Run: 9.00m – 9.43m	S.P.T 5: 10.00m – 10.50m	S.P.T 6: 12.50m – 13.00m
DEPTH: 9.00m – 14.00m	9.43m – 10.00m	Penetration: 000-150mm = 8	Penetration: 000-150mm = 5
DATE: 25/03/2019	10.00m – 10.50m	150-225mm = 8	150-225mm = 6
	10.50m – 11.00m	225-300mm = 8	225-300mm = 6
	11.00m – 12.50m	300-375mm = 6	300-375mm = 5
	12.50m – 13.00m	375-450mm = 4	375-450mm = 7
	13.00m – 14.00m		
		N Value = 26	N Value = 24
		Recovery = 28cm	Recovery = 26cm



CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 2	CORE RUN: 14.00m – 14.50m	S.P.T 7: 14.50m – 15.00m	
DEPTH: 14.00m – 17.00m	14.50m – 15.00m	Penetration: 000-150mm = 6	
DATE: 21/03/2019	15.00m – 15.50m	150-225mm = 6	
	15.50m – 17.00m	225-300mm = 5	
		300-375mm = 6	
		375-450mm = 5	
		N Value = 22	
		Recovery = 24cm	



CORE HOLE ENDS AT 17.00m

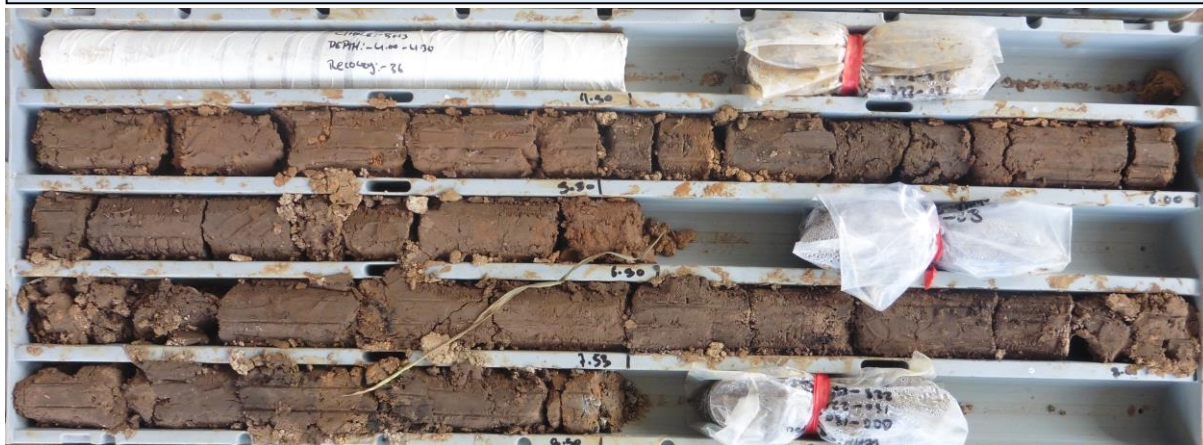
 WATER RESEARCH CO. LTD Trunk Road, St Jean, Quatre Bornes Tel: +230 466 7526/27 Fax: +230 466 7067 Email: water.research@waterresearch.mu	GEOTECHNICAL INVESTIGATION AT HENRIETTA PV FARM PHASE 2
BH 3 Page 1 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 3

CLIENT: CENTRAL ELECTRICITY BOARD PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2 SITE: HENRIETTA C/HOLE: BH 3 DEPTH: 00.00m – 4.00m DATE: 25/03/2019			
Core Run: 0.00m – 0.70m	S.P.T 1: 1.50m – 2.00m	S.P.T 2: 3.50m – 4.00m	
0.70m – 1.50m	Penetration: 000-150mm = 5	Penetration: 000-150mm = 3	
1.50m – 2.00m	150-225mm = 3	150-225mm = 3	
2.00m – 2.56m	225-300mm = 3	225-300mm = 3	
2.56m – 3.00m	300-375mm = 3	300-375mm = 2	
3.00m – 3.50m	375-450mm = 3	375-450mm = 2	
3.50m – 4.00m			
	N Value = 12	N Value = 10	
	Recovery = 40cm	Recovery = 40cm	



CLIENT: CENTRAL ELECTRICITY BOARD PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2 SITE: HENRIETTA C/HOLE: BH 3 DEPTH: 4.00m – 9.00m DATE: 25/03/2019			
CORE RUN: 4.50m – 5.00m	S.P.T 3: 4.50m – 5.00m	S.P.T 4: 6.50m – 7.00m	
4.50m – 5.00m	Penetration: 000-150mm = 4	Penetration: 000-150mm = 3	
5.00m – 5.50m	150-225mm = 4	150-225mm = 3	
5.50m – 6.00m	225-300mm = 3	225-300mm = 2	
6.00m – 6.50m	300-375mm = 3	300-375mm = 3	
6.50m – 7.00m	375-450mm = 2	375-450mm = 2	
7.00m – 7.53m			
7.53m – 8.00m	N Value = 12	N Value = 10	
8.00m – 8.50m	Recovery = 46cm	Recovery = 40cm	
8.50m – 9.00m			
S.P.T 5: 8.50m – 9.00m			
Penetration: 000-150mm = 5			
150-225mm = 6			
225-300mm = 6			
300-375mm = 5			
375-450mm = 6			
N Value = 23			
Recovery = 42cm			



Depth: 0.00m - 9.00m

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BH 3 Page 2 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 3

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA	Core Run: 9.00m – 9.15m	S.P.T 6: 11.00m – 11.50m	S.P.T 7: 13.50m – 14.00m
C/HOLE: BH 3	9.15m – 9.64m	Penetration: 000-150mm = 6	Penetration: 000-150mm = 7
DEPTH: 9.00m – 14.00m	9.64m – 10.43m	150-225mm = 6	150-225mm = 7
DATE: 25/03/2019	10.43m – 11.00m	225-300mm = 7	225-300mm = 6
	11.00m – 11.50m	300-375mm = 7	300-375mm = 6
	11.50m – 12.00m	375-450mm = 6	375-450mm = 6
	12.00m – 12.52m		
	12.52m – 13.00m	N Value = 26	N Value = 25
	13.00m – 13.50m	Recovery = 24cm	Recovery = 24cm
	13.50m – 14.00m		



CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA	CORE RUN: 14.00m – 14.47m	S.P.T 8: 15.50m – 16.00m	
C/HOLE: BH 3	14.47m – 15.00m	Penetration: 000-150mm = 6	
DEPTH: 14.00m – 17.00m	15.00m – 15.50m	150-225mm = 7	
DATE: 26/03/2019	15.50m – 16.00m	225-300mm = 8	
	16.00m – 16.44m	300-375mm = 6	
	16.44m – 17.00m	375-450mm = 6	
		N Value = 27	
		Recovery = 25cm	

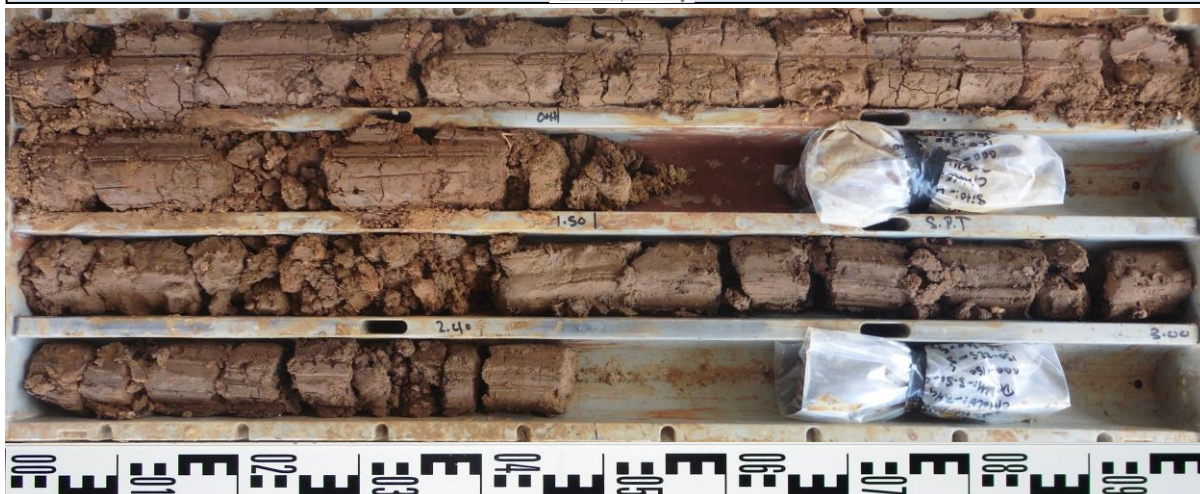


CORE HOLE ENDS AT 17.00m

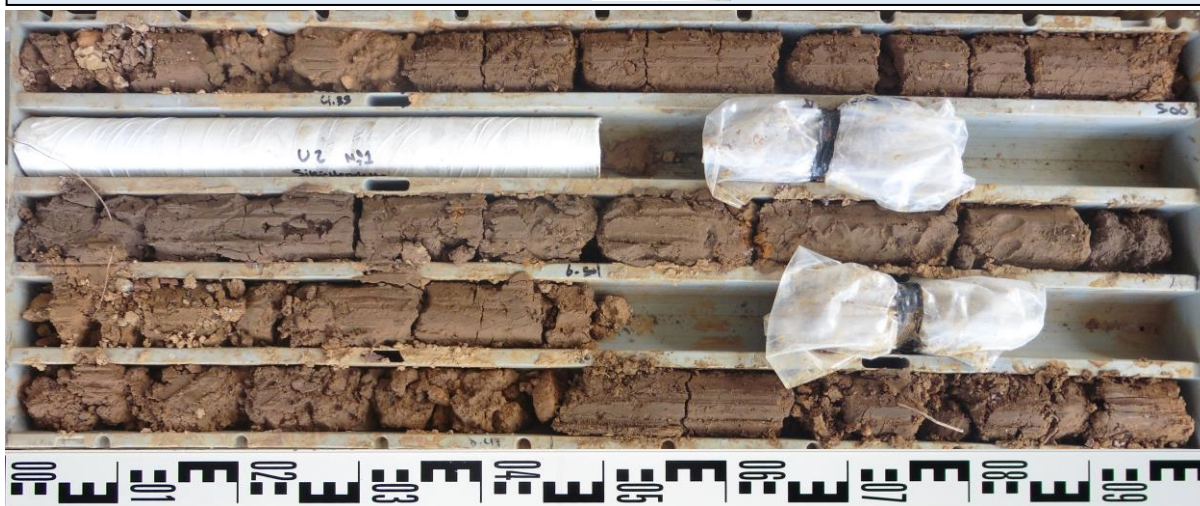
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BH 4 Page 1 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 4

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 4	Core Run: 0.00m – 0.47m	S.P.T 1: 1.50m – 2.00m	S.P.T 2: 3.50m – 4.00m
DEPTH: 00.00m – 4.00m	0.47m – 1.00m	Penetration: 000-150mm = 5	Penetration: 000-150mm = 6
DATE: 22/03/2019	1.00m – 1.50m	150-225mm = 4	150-225mm = 5
	1.50m – 2.00m	225-300mm = 3	225-300mm = 5
	2.00m – 2.40m	300-375mm = 3	300-375mm = 4
	2.40m – 3.00m	375-450mm = 3	375-450mm = 4
	3.00m – 3.50m		
	3.50m – 4.00m	N Value = 13	N Value = 18
		Recovery = 40cm	Recovery = 25cm



CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 4	CORE RUN: 4.00m – 4.35m	S.P.T 3: 5.50m – 6.00m	S.P.T 4: 7.50m – 8.00m
DEPTH: 4.00m – 9.00m	4.35m – 5.00m	Penetration: 000-150mm = 6	Penetration: 000-150mm = 4
DATE: 22/03/2019	5.00m – 5.50m	150-225mm = 4	150-225mm = 3
	5.50m – 6.00m	225-300mm = 5	225-300mm = 2
	6.00m – 6.50m	300-375mm = 4	300-375mm = 3
	6.50m – 7.00m	375-450mm = 3	375-450mm = 3
	7.00m – 7.50m		
	7.50m – 8.00m	N Value = 16	N Value = 11
	8.00m – 8.47m	Recovery = 40cm	Recovery = 40cm
	8.47m – 9.00m		



Depth: 0.00m - 9.00m

COREHOLE BH 4

CLIENT: CENTRAL ELECTRICITY BOARD
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2
SITE: HENRIETTA
C/HOLE: BH 4
DEPTH: 9.00m – 14.00m
DATE: 23/03/2019

Core Run: 9.00m – 9.50m
9.50m – 10.00m
10.00m – 10.50m
10.50m – 11.00m
11.00m – 11.15m
11.15m – 12.00m
12.00m – 12.50m
12.50m – 13.00m
13.00m – 13.47m
13.47m – 14.00m

S.P.T 5: 10.00m – 10.50m
Penetration: 000-150mm = 3
150-225mm = 5
225-300mm = 3
300-375mm = 2
375-450mm = 2

N Value = 10
Recovery = 40cm

S.P.T 6: 12.50m – 13.00m
Penetration: 000-150mm = 5
150-225mm = 5
225-300mm = 4
300-375mm = 4
375-450mm = 3

N Value = 16
Recovery = 40cm



CLIENT: CENTRAL ELECTRICITY BOARD
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2
SITE: HENRIETTA
C/HOLE: BH 4
DEPTH: 14.00m – 17.28m
DATE: 23/03/2019

CORE RUN: 14.00m – 14.50m
14.50m – 15.00m
15.00m – 15.50m
15.50m – 16.00m
16.00m – 16.66m
16.66m – 17.28m

S.P.T 7: 15.00m – 15.50m
Penetration: 000-150mm = 3
150-225mm = 2
225-300mm = 3
300-375mm = 2
375-450mm = 3

N Value = 10
Recovery = 40cm



CORE HOLE ENDS AT 17.28m

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BH 5 Page 1 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 5

CLIENT: CENTRAL ELECTRICITY BOARD PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2 SITE: HENRIETTA C/HOLE: BH 5 DEPTH: 00.00m – 4.00m DATE: 20/03/2019			
Core Run: 0.00m – 0.55m 0.55m – 1.00m 1.00m – 1.50m 1.50m – 2.00m 2.00m – 2.55m 2.55m – 3.00m 3.00m – 3.50m 3.50m – 4.00m	S.P.T 1: 1.50m – 2.00m Penetration: 000-150mm = 5 150-225mm = 4 225-300mm = 3 300-375mm = 2 375-450mm = 3 N Value = 12 Recovery = 40cm	S.P.T 2: 3.50m – 4.00m Penetration: 000-150mm = 4 150-225mm = 3 225-300mm = 2 300-375mm = 3 375-450mm = 3 N Value = 11 Recovery = 42cm	



CLIENT: CENTRAL ELECTRICITY BOARD PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2 SITE: HENRIETTA C/HOLE: BH 5 DEPTH: 4.00m – 9.00m DATE: 21/03/2019			
CORE RUN: 4.00m – 4.52m 4.52m – 5.00m 5.00m – 5.50m 5.50m – 6.00m 6.00m – 6.25m 6.25m – 6.59m 6.59m – 7.00m 7.00m – 7.50m 7.50m – 8.00m 8.00m – 8.48m 8.48m – 9.00m	S.P.T 3: 5.50m – 6.00m Penetration: 000-150mm = 4 150-225mm = 4 225-300mm = 3 300-375mm = 3 375-450mm = 3 N Value = 13 Recovery = 40cm	S.P.T 4: 7.50m – 8.00m Penetration: 000-150mm = 3 150-225mm = 2 225-300mm = 2 300-375mm = 3 375-450mm = 2 N Value = 9 Recovery = 40cm	S.P.T 5: 8.50m – 9.00m Penetration: 000-150mm = 5 150-225mm = 6 225-300mm = 6 300-375mm = 5 375-450mm = 6 N Value = 25 Recovery = 42cm
			



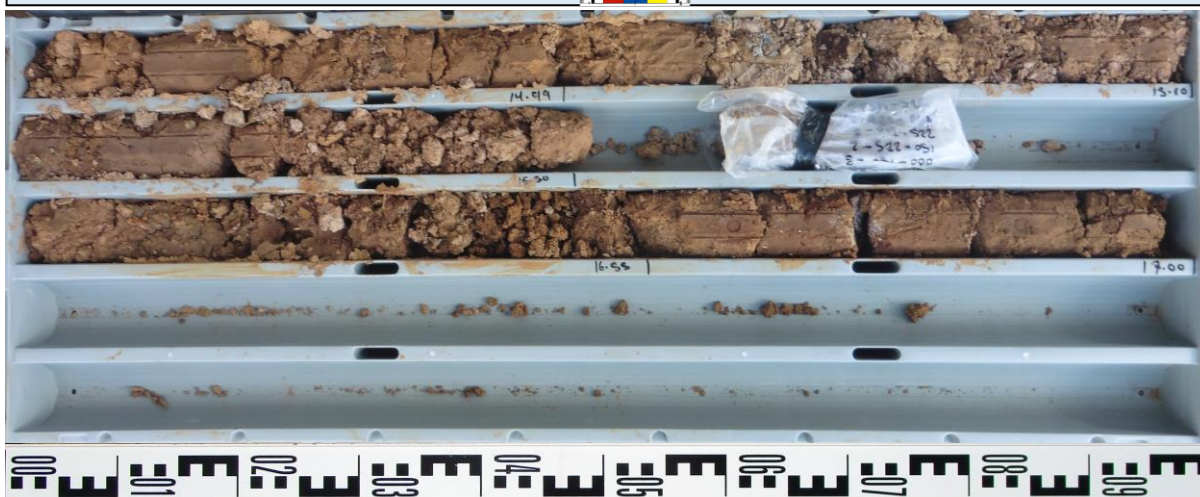
Depth: 0.00m - 9.00m

COREHOLE BH 5

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 5	Core Run: 9.00m – 9.50m	S.P.T 5: 9.50m – 10.00m	S.P.T 6: 11.50m – 12.00m
DEPTH: 9.00m – 14.00m	9.50m – 10.00m	Penetration: 000-150mm = 3	Penetration: 000-150mm = 3
DATE: 21/03/2019	10.00m – 10.28m	150-225mm = 3	150-225mm = 2
	10.28m – 10.70m	225-300mm = 2	225-300mm = 3
	10.70m – 11.00m	300-375mm = 2	300-375mm = 3
	11.00m – 11.50m	375-450mm = 2	375-450mm = 2
	11.50m – 12.00m		
S.P.T 7: 13.50m – 14.00m	12.00m – 12.37m	N Value = 9	N Value = 10
Penetration: 000-150mm = 3	12.37m – 13.00m	Recovery = 42cm	Recovery = 42cm
150-225mm = 3	13.00m – 13.50m		
225-300mm = 2	13.50m – 14.00m		
300-375mm = 2			
375-450mm = 2			
N Value = 9			
Recovery = 40cm			



CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 5	CORE RUN: 14.00m – 14.49m	S.P.T 8: 15.00m – 15.50m	
DEPTH: 14.00m – 17.00m	14.49m – 15.00m	Penetration: 000-150mm = 3	
DATE: 21/03/2019	15.00m – 16.00m	150-225mm = 2	
	16.00m – 16.58m	225-300mm = 3	
	16.58m – 17.00m	300-375mm = 3	
		375-450mm = 2	
		N Value = 10	
		Recovery = 41cm	

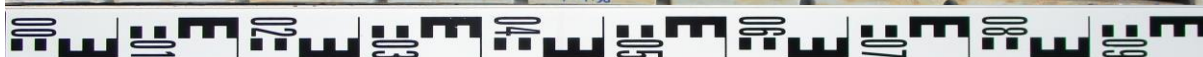


CORE HOLE ENDS AT 17.00m

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BH 6 Page 1 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 6

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 6	Core Run: 0.00m – 0.22m	S.P.T 1: 1.50m – 2.00m	S.P.T 2: 4.00m – 4.50m
DEPTH: 00.00m – 5.00m	0.22m – 0.48m	Penetration: 000-150mm = 9	Penetration: 000-150mm = 7
DATE: 11/03/2019	0.48m – 1.00m	150-225mm = 5	150-225mm = 6
	1.00m – 1.50m	225-300mm = 4	225-300mm = 6
	1.50m – 2.00m	300-375mm = 5	300-375mm = 5
	2.00m – 2.70m	375-450mm = 6	375-450mm = 2
	2.70m – 3.50m		
	3.50m – 4.00m	N Value = 20	N Value = 22
	4.00m – 4.50m	Recovery = 18cm	Recovery = 18cm
	4.50m – 5.19m		



CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 6	CORE RUN: 4.50m – 5.19m	S.P.T 3: 6.50m – 7.00m	S.P.T 4: 7.50m – 8.00m
DEPTH: 5.00m – 10.00m	5.19m – 5.76m	Penetration: 000-150mm = 8	Penetration: 000-150mm = Refusal
DATE: 12/03/2019	5.76m – 6.50m	150-225mm = 5	
	6.50m – 7.00m	225-300mm = 6	
	7.00m – 8.00m	300-375mm = 5	
	8.00m – 9.00m	375-450mm = 5	
	9.00m – 10.00m		
		N Value = 21	
		Recovery = 30cm	



Depth: 0.00m - 10.00m

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BH 6 Page 2 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 6

CLIENT: CENTRAL ELECTRICITY BOARD
 PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2
 SITE: HENRIETTA
 C/HOLE: BH 6
 DEPTH: 10.00m – 15.00m
 DATE: 20/03/2019

Core Run: 10.00m – 10.80m	S.P.T 5: 13.50m – 14.00m	S.P.T 6: 12.50m – 13.00m
10.80m – 11.50m	Penetration: 000-150mm = Refusal	Penetration: 000-150mm = 11
11.50m – 12.00m		150-225mm = 10
12.00m – 12.70m		225-300mm = 12
12.70m – 13.50m		300-375mm = 11
13.50m – 14.00m		375-450mm = 9
14.00m – 14.50m		
14.50m – 15.00m		

N Value = 42
 Recovery = 21cm



CLIENT: CENTRAL ELECTRICITY BOARD
 PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2
 SITE: HENRIETTA
 C/HOLE: BH 6
 DEPTH: 15.00m – 17.00m
 DATE: 20/03/2019

CORE RUN: 15.00m – 16.00m	S.P.T 7: 15.00m – 15.50m
16.00m – 16.50m	Penetration: 000-150mm = 3
16.50m – 17.00m	150-225mm = 2
	225-300mm = 3
	300-375mm = 2
	375-450mm = 3

N Value = 10
 Recovery = 40cm



CORE HOLE ENDS AT 17.00m

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BH 7 Page 1 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 7

CLIENT: CENTRAL ELECTRICITY BOARD
 PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2
 SITE: HENRIETTA
 C/HOLE: BH 7
 DEPTH: 00.00m – 4.00m
 DATE: 18/03/2019

Core Run: 0.00m – 0.50m
 0.50m – 1.00m
 1.00m – 1.50m
 1.50m – 2.00m
 2.00m – 2.25m
 2.25m – 2.87m
 2.87m – 3.00m
 3.00m – 3.50m
 3.50m – 4.00m

S.P.T 1: 1.50m – 2.00m
 Penetration: 000-150mm = Refusal



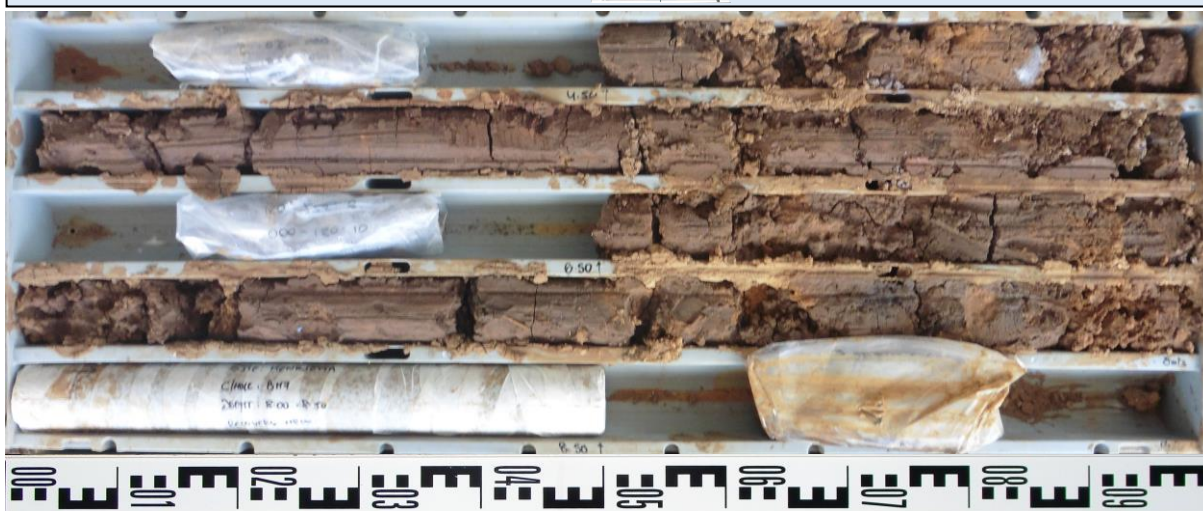
CLIENT: CENTRAL ELECTRICITY BOARD
 PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2
 SITE: HENRIETTA
 C/HOLE: BH 7
 DEPTH: 4.00m – 9.00m
 DATE: 18/03/2019

CORE RUN: 4.00m – 4.50m
 4.50m – 6.00m
 6.00m – 6.50m
 6.50m – 8.00m
 8.00m – 8.50m
 8.50m – 9.00m

S.P.T 2: 4.00m – 4.50m
 Penetration: 000-150mm = 5
 150-225mm = 5
 225-300mm = 4
 300-375mm = 4
 375-450mm = 5
 N Value = 18
 Recovery = 30cm

S.P.T 3: 6.00m – 6.50m
 Penetration: 000-150mm = 10
 150-225mm = 8
 225-300mm = 9
 300-375mm = 8
 375-450mm = 7
 N Value = 32
 Recovery = 28cm

S.P.T 4: 8.50m – 9.00m
 Penetration: 000-150mm = 3
 150-225mm = 2
 225-300mm = 2
 300-375mm = 3
 375-450mm = 2
 N Value = 9
 Recovery = 49cm



Depth: 0.00m - 9.00m

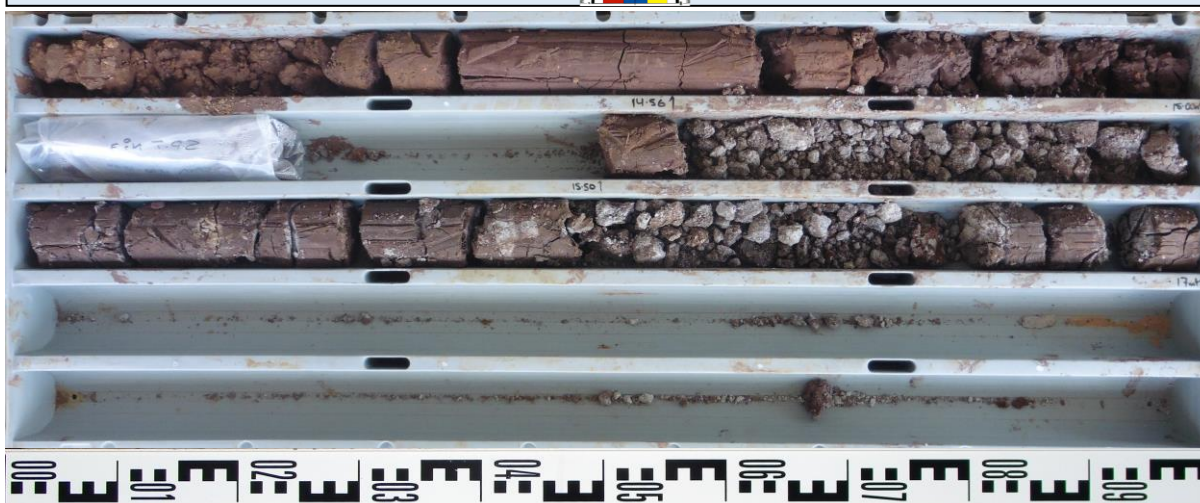
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BH 7 Page 2 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 6

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA	Core Run: 9.00m – 10.50m	S.P.T 5: 10.50m – 11.00m	S.P.T 6: 12.50m – 13.00m
C/HOLE: BH 7	10.50m – 11.00m	Penetration: 000-150mm = 11	Penetration: 000-150mm = 13
DEPTH: 9.00m – 14.00m	11.00m – 12.00m	150-225mm = 12	150-225mm = 12
DATE: 19/03/2019	12.00m – 12.50m	225-300mm = 11	225-300mm = 11
	12.50m – 13.00m	300-375mm = 12	300-375mm = 12
	13.00m – 13.50m	375-450mm = 10	375-450mm = 12
	13.50m – 14.00m		
		N Value = 45	N Value = 47
		Recovery = 29cm	Recovery = 20cm



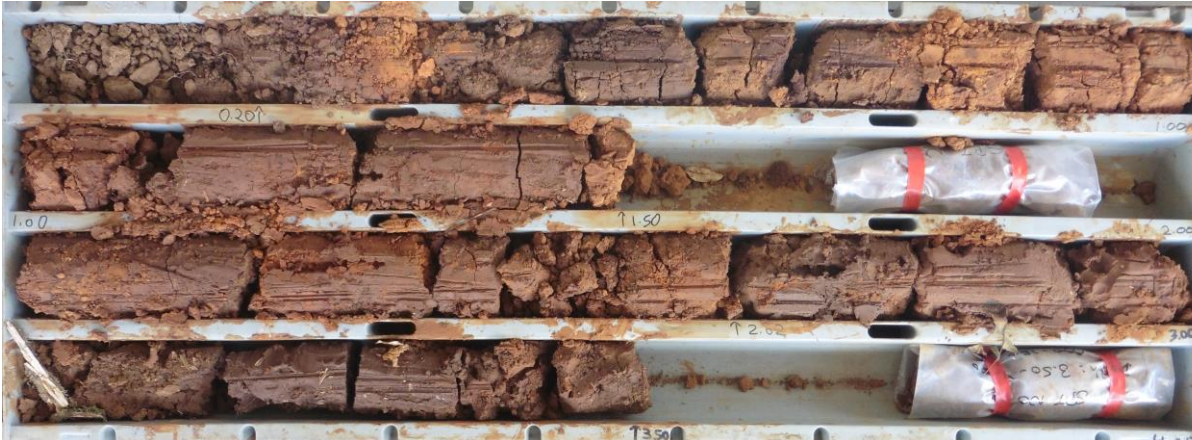
CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA	CORE RUN: 14.00m – 14.56m	S.P.T 7: 15.00m – 15.50m	
C/HOLE: BH 7	14.56m – 15.00m	Penetration: 000-150mm = 12	
DEPTH: 14.00m – 17.00m	15.00m – 15.50m	150-225mm = 11	
DATE: 19/03/2019	15.50m – 17.00m	225-300mm = 13	
		300-375mm = 11	
		375-450mm = 12	
		N Value = 47	
		Recovery = 20cm	



CORE HOLE ENDS AT 17.00m

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BH 8 Page 1 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 8

CLIENT: CENTRAL ELECTRICITY BOARD PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2 SITE: HENRIETTA C/HOLE: BH 8 DEPTH: 00.00m – 4.00m DATE: 14/03/2019				Core Run: 0.00m – 0.20m 0.20m – 1.00m 1.00m – 1.50m 1.50m – 2.00m 2.00m – 2.62m 2.62m – 3.00m 3.00m – 3.50m 3.50m – 4.00m		S.P.T 1: 1.50m – 2.00m Penetration: 000-150mm = 4 150-225mm = 5 225-300mm = 4 300-375mm = 5 375-450mm = 5 N Value = 19 Recovery = 21cm		S.P.T 2: 3.50m – 4.00m Penetration: 000-150mm = 7 150-225mm = 6 225-300mm = 6 300-375mm = 5 375-450mm = 5 N Value = 22 Recovery = 24cm	
									
									
									
CLIENT: CENTRAL ELECTRICITY BOARD PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2 SITE: HENRIETTA C/HOLE: BH 8 DEPTH: 4.00m – 9.00m DATE: 14/03/2019				CORE RUN: 4.00m – 4.90m 4.90m – 5.50m 5.50m – 6.00m 6.00m – 6.50m 6.50m – 7.38m 7.38m – 8.00m 8.00m – 8.50m 8.50m – 9.34m		S.P.T 3: 6.00m – 6.50m Penetration: 000-150mm = 3 150-225mm = 4 225-300mm = 4 300-375mm = 3 375-450mm = 4 N Value = 15 Recovery = 30cm		S.P.T 4: 8.00m – 8.50m Penetration: 000-150mm = 5 150-225mm = 5 225-300mm = 4 300-375mm = 4 375-450mm = 4 N Value = 17 Recovery = 32cm	
S.P.T 4: 8.50m – 9.00m Penetration: 000-150mm = 3 150-225mm = 2 225-300mm = 2 300-375mm = 3 375-450mm = 2 N Value = 9 Recovery = 49cm									
									
									

Depth: 0.00m - 9.00m

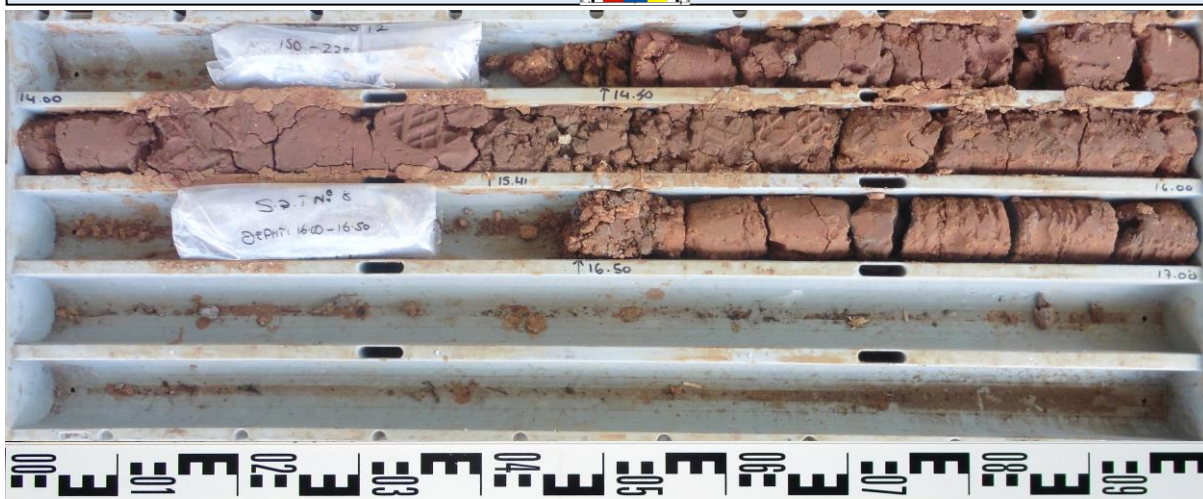
 WATER RESEARCH CO. LTD Trunk Road, St Jean, Quatre Bornes Tel: +230 466 7526/27 Fax: +230 466 7067 Email: water.research@waterresearch.mu	GEOTECHNICAL INVESTIGATION AT HENRIETTA PV FARM PHASE 2
BH 8 Page 2 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 8

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 8	Core Run: 8.50m – 9.34m	S.P.T 5: 10.50m – 11.00m	S.P.T 6: 12.50m – 13.00m
DEPTH: 9.00m – 14.00m	9.34m – 10.00m	Penetration: 000-150mm = 11	Penetration: 000-150mm = 13
DATE: 15/03/2019	10.00m – 10.50m	150-225mm = 12	150-225mm = 12
	10.50m – 11.00m	225-300mm = 11	225-300mm = 11
	11.00m – 12.00m	300-375mm = 12	300-375mm = 12
	12.00m – 12.50m	375-450mm = 10	375-450mm = 12
	12.50m – 13.48m		
	13.48m – 14.00m	N Value = 45	N Value = 47
		Recovery = 29cm	Recovery = 20cm



CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 8	CORE RUN: 14.00m – 14.50m	S.P.T 7: 14.00m – 14.50m	S.P.T 8: 16.00m – 16.50m
DEPTH: 14.00m – 17.00m	14.50m – 15.41m	Penetration: 000-150mm = 12	Penetration: 000-150mm = 12
DATE: 15/03/2019	15.41m – 16.00m	150-225mm = 10	150-225mm = 11
	16.00m – 16.50m	225-300mm = 10	225-300mm = 10
	16.50m – 17.00m	300-375mm = 12	300-375mm = 13
		375-450mm = 10	375-450mm = 10
		N Value = 42	N Value = 44
		Recovery = 29cm	Recovery = 31cm

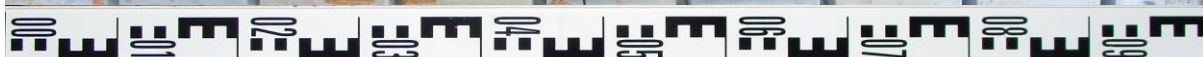


CORE HOLE ENDS AT 17.00m

 WATER RESEARCH CO. LTD Trunk Road, St Jean, Quatre Bornes Tel: +230 466 7526/27 Fax: +230 466 7067 Email: water.research@waterresearch.mu	GEOTECHNICAL INVESTIGATION AT HENRIETTA PV FARM PHASE 2
BH 9 Page 1 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 9

CLIENT: CENTRAL ELECTRICITY BOARD		
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2		
SITE: HENRIETTA		
C/HOLE: BH 9	Core Run: 0.00m – 0.52m	S.P.T 1: 1.50m – 2.00m
DEPTH: 00.00m – 4.00m	0.52m – 1.00m	Penetration: 000-150mm = 3
DATE: 15/03/2019	1.00m – 1.50m	150-225mm = 3
	1.50m – 2.00m	225-300mm = 3
	2.00m – 2.47m	300-375mm = 4
	2.47m – 3.00m	375-450mm = 3
	3.00m – 3.50m	
	3.50m – 4.00m	N Value = 13
		Recovery = 40cm



CLIENT: CENTRAL ELECTRICITY BOARD		
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2		
SITE: HENRIETTA		
C/HOLE: BH 9	CORE RUN: 4.00m – 4.50m	S.P.T 2: 4.00m – 4.50m
DEPTH: 4.00m – 9.00m	4.50m – 5.00m	Penetration: 000-150mm = 4
DATE: 15/03/2019	5.00m – 5.50m	150-225mm = 4
	5.50m – 6.00m	225-300mm = 3
	6.00m – 6.50m	300-375mm = 3
	6.50m – 7.00m	375-450mm = 3
	7.00m – 7.50m	
	7.50m – 8.00m	N Value = 13
	8.00m – 8.50m	Recovery = 42cm
	8.50m – 9.00m	
S.P.T 4: 8.00m – 8.50m		S.P.T 3: 6.00m – 6.50m
Penetration: 000-150mm = 5		Penetration: 000-150mm = 4
150-225mm = 5		150-225mm = 3
225-300mm = 4		225-300mm = 4
300-375mm = 6		300-375mm = 3
375-450mm = 4		375-450mm = 3
N Value = 19		N Value = 13
Recovery = 50cm		Recovery = 40cm



Depth: 0.00m - 9.00m

 WATER RESEARCH CO. LTD Trunk Road, St Jean, Quatre Bornes Tel: +230 466 7526/27 Fax: +230 466 7067 Email: water.research@waterresearch.mu	GEOTECHNICAL INVESTIGATION AT HENRIETTA PV FARM PHASE 2
BH 9 Page 2 of 2	CLIENT: CENTRAL ELECTRICITY BOARD CONTRACT No.: OPG 18068 CEB

COREHOLE BH 9

CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 9	Core Run: 8.50m – 9.00m	S.P.T 5: 10.00m – 10.50m	S.P.T 6: 12.00m – 12.50m
DEPTH: 9.00m – 14.00m	9.00m – 9.58m	Penetration: 000-150mm = 2	Penetration: 000-150mm = 6
DATE: 16/03/2019	9.58m – 10.00m	150-225mm = 1	150-225mm = 6
	10.00m – 10.50m	225-300mm = 2	225-300mm = 4
	10.50m – 11.00m	300-375mm = 3	300-375mm = 4
	11.00m – 11.37m	375-450mm = 2	375-450mm = 4
	11.37m – 12.00m		
	12.00m – 12.50m	N Value = 8	N Value = 18
	12.50m – 13.00m	Recovery = 40cm	Recovery = 35cm
	13.00m – 13.50m		
	13.50m – 14.00m		

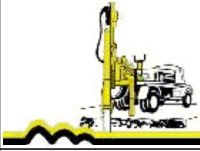


CLIENT: CENTRAL ELECTRICITY BOARD			
PROJECT: GEOTECHNICAL INVESTIGATIONS AT HENRIETTA PV FARM PHASE 2			
SITE: HENRIETTA			
C/HOLE: BH 9	CORE RUN: 14.00m – 14.50m	S.P.T 7: 14.00m – 14.50m	S.P.T 8: 16.00m – 16.50m
DEPTH: 14.00m – 17.18m	14.50m – 15.00m	Penetration: 000-150mm = 5	Penetration: 000-150mm = 5
DATE: 16/03/2019	15.00m – 15.50m	150-225mm = 5	150-225mm = 4
	15.50m – 16.00m	225-300mm = 4	225-300mm = 3
	16.00m – 16.50m	300-375mm = 3	300-375mm = 3
	16.50m – 17.18m	375-450mm = 3	375-450mm = 3
		N Value = 15	N Value = 13
		Recovery = 37cm	Recovery = 35cm



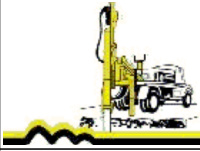
CORE HOLE ENDS AT 17.18m

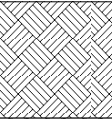
Appendix C: Trial Pit Logs

 WATER RESEARCH CO. LTD		TRIALPIT No. : TP 1 SITE : Henrietta
Method : Mechanical Excavator	National Grid Coordinates N : 7748761.00 E : 548944.000 Ground Level :	Start Date : 13/02/2019 End Date : 13/02/2019 Final Depth : 3.40m Water Depth : No Ground Water Encountered

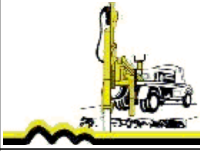
Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Sample Type	Depth of Water Strikes	Insitu density/ Percolation/ Pocket Pen. kPa
0.5	Dark brown gravelly high plasticity silty CLAY with frequent rootlets. Gravels are medium strong grey sub rounded of Moderately Weathered Basalt. TOPSOIL. Soft to firm greyish to reddish brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.		0.20		LB SB		
1.5	Firm reddish brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.		1.50		LB SB		
3.5	End of Trialpit at 3.40m		3.40				

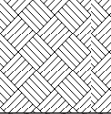
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	P : Percolation Test DT : In Situ Density Test PP : Pocket Penetrometer SB : Small Bulk LB : Large Bulk	
	Logged by : DG Checked by : ES	
Contract No. : OPG 19068 CEB	Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2	Sheet : 1 of 1

 WATER RESEARCH CO. LTD		TRIALPIT No. : TP 2 SITE : Henrietta
Method : Mechanical Excavator	National Grid Coordinates N : 7748783.00 E : 549034.000 Ground Level :	Start Date : 13/02/2019 End Date : 13/02/2019 Final Depth : 3.60m Water Depth : 1.90m

Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Sample Type	Depth of Water Strikes	Insitu density/ Percolation/ Pocket Pen. kPa
	Dark brown gravelly high plasticity silty CLAY with frequent rootlets. Gravels are medium strong grey sub rounded of Moderately Weathered Basalt. TOPSOIL.		0.40				
0.5	Soft to firm brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.				LB SB		
1.0							
1.5	Soft greyish brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.		1.50		SB		
2.0						▼ 1.90	
2.5							
3.0							
3.5			3.60				
4.0	End of Trialpit at 3.60m				LB		

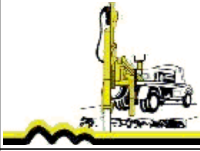
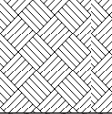
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	Logged by : DG Checked by : ES	
Contract No. : OPG 19068 CEB	Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2	Sheet : 1 of 1

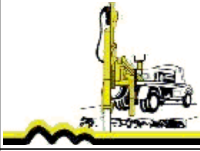
 WATER RESEARCH CO. LTD				TRIALPIT No. : TP 3 SITE : Henrietta			
Method : Mechanical Excavator		National Grid Coordinates N : 7748676.00 E : 549093.000 Ground Level :		Start Date : 13/02/2019 End Date : 13/02/2019 Final Depth : 3.70m Water Depth : No Ground Water Encountered			

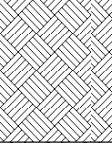
Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Sample Type	Depth of Water Strikes	Insitu density/ Percolation/ Pocket Pen. kPa
	Dark brown gravelly high plasticity silty CLAY with frequent rootlets. Gravels are medium strong grey sub rounded of Moderately Weathered Basalt. TOPSOIL.		0.40				
0.5	Soft to firm brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.				LB SB		
1.0							
1.5							
2.0	Soft to firm greyish to reddish brown silty slightly gravelly CLAY. Gravels are subrounded fine of very weak dark grey to black Moderately to Highly Weathered Basalt. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.		1.70		LB SB		
2.5							
3.0							
3.5							
	End of Trialpit at 3.70m		3.70				
4.0							

Remarks :	Notation P : Percolation Test DT : In Situ Density Test PP : Pocket Penetrometer SB : Small Bulk LB : Large Bulk
	Logged by : DG Checked by : ES

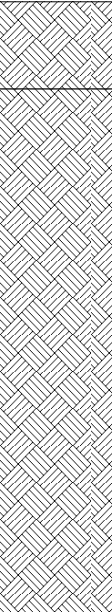
Contract No. : OPG 19068 CEB	Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2	Sheet : 1 of 1
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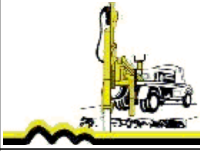
 WATER RESEARCH CO. LTD				TRIALPIT No. : TP 4 SITE : Henrietta			
Method : Mechanical Excavator		National Grid Coordinates		Start Date : 13/02/2019			
		N : 7748649.00		End Date : 13/02/2019			
		E : 548992.000		Final Depth : 3.50m			
		Ground Level :		Water Depth : 3.50m			
Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Sample Type	Depth of Water Strikes	Insitu density/ Percolation/ Pocket Pen. kPa
	Dark greyish brown gravelly high plasticity silty CLAY with frequent rootlets. Gravels are medium strong grey sub rounded of Moderately Weathered Basalt. TOPSOIL.		0.40				
0.5	Soft greyish brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.				LB SB		
1.0							
1.5							
2.0	Firm reddish brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.		1.90		LB SB		
2.5							
3.0							
3.5	End of Trialpit at 3.50m		3.50			 3.50	
4.0							
Remarks :						Notation	
						P : Percolation Test DT : In Situ Density Test PP : Pocket Penetrometer SB : Small Bulk LB : Large Bulk	
						Logged by : DG Checked by : ES	
Contract No. : OPG 19068 CEB		Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2				Sheet : 1 of 1	

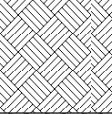
 WATER RESEARCH CO. LTD		TRIALPIT No. : TP 5 SITE : Henrietta
Method : Mechanical Excavator	National Grid Coordinates N : 7748421.00 E : 549151.000 Ground Level :	Start Date : 15/02/2019 End Date : 15/02/2019 Final Depth : 3.00m Water Depth : No Ground Water Encountered

Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Sample Type	Depth of Water Strikes	Insitu density/ Percolation/ Pocket Pen. kPa
0.5	Dark reddish brown gravelly high plasticity silty CLAY with frequent rootlets. Gravels are medium strong grey sub rounded of Moderately Weathered Basalt. TOPSOIL.		0.50				
1.0	Firm reddish brown high plasticity silty CLAY with frequent cobbles and boulders. Cobbles and Boulders are medium strong to strong grey of Slightly Weathered Basalt. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.				LB SB		
1.5							
2.0							
2.5							
3.0	End of Trialpit at 3.00m		3.00				
3.5							
4.0							

Remarks :	Notation	
	P : Percolation Test DT : In Situ Density Test PP : Pocket Penetrometer SB : Small Bulk LB : Large Bulk	
	Logged by : DG Checked by : ES	
Contract No. : OPG 19068 CEB	Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2	Sheet : 1 of 1

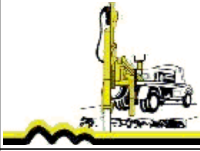
 WATER RESEARCH CO. LTD				TRIALPIT No. : TP 6			
				SITE : Henrietta			
Method : Mechanical Excavator		National Grid Coordinates		Start Date : 14/02/2019			
		N : 7749067.00		End Date : 14/02/2019			
		E : 549307.000		Final Depth : 3.20m			
		Ground Level :		Water Depth : 3.20m			
Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Sample Type	Depth of Water Strikes	Insitu density/ Percolation/ Pocket Pen. kPa
	Dark greyish brown gravelly high plasticity silty CLAY with frequent rootlets. Gravels are medium strong grey sub rounded of Moderately Weathered Basalt. TOPSOIL.		0.30				
0.5	Soft greyish brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.				LB SB		
1.0							
1.5							
2.0							
2.5			2.10				
3.0	Soft dark brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.				LB SB		
3.5	End of Trialpit at 3.20m			3.20			 3.20
4.0							
Remarks :						Notation	
						P : Percolation Test DT : In Situ Density Test PP : Pocket Penetrometer SB : Small Bulk LB : Large Bulk	
						Logged by : DG Checked by : ES	
Contract No. : OPG 19068 CEB		Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2			Sheet : 1 of 1		

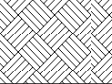
 WATER RESEARCH CO. LTD				TRIALPIT No. : TP 7 SITE : Henrietta			
Method : Mechanical Excavator		National Grid Coordinates N : 7748859.00 E : 549231.000 Ground Level :		Start Date : 14/02/2019 End Date : 14/02/2019 Final Depth : 3.30m Water Depth : No Ground Water Encountered			

Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Sample Type	Depth of Water Strikes	Insitu density/ Percolation/ Pocket Pen. kPa
	Dark greyish brown gravelly high plasticity silty CLAY with frequent rootlets. Gravels are medium strong grey sub rounded of Moderately Weathered Basalt. TOPSOIL.		0.40				
0.5	Soft to firm greyish to reddish brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.				LB SB		
1.0							
1.5							
2.0							
2.5	Soft to firm greyish to reddish brown silty slightly gravelly CLAY. Gravels are subrounded fine of very weak dark grey to black Moderately to Highly Weathered Basalt. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.		2.20		LB SB		
3.0							
3.5	End of Trialpit at 3.30m		3.30				
4.0							

Remarks :	Notation P : Percolation Test DT : In Situ Density Test PP : Pocket Penetrometer SB : Small Bulk LB : Large Bulk
	Logged by : DG Checked by : ES
	Contract No. : OPG 19068 CEB

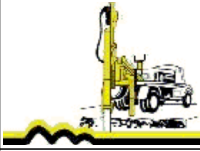
Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2	Sheet : 1 of 1
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 WATER RESEARCH CO. LTD				TRIALPIT No. : TP 8 SITE : Henrietta			
Method : Mechanical Excavator		National Grid Coordinates N : 7748742.00 E : 549232.000 Ground Level :		Start Date : 14/02/2019 End Date : 14/02/2019 Final Depth : 3.20m Water Depth : No Ground Water Encountered			

Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Sample Type	Depth of Water Strikes	Insitu density/ Percolation/ Pocket Pen. kPa
	Dark greyish brown gravelly high plasticity silty CLAY with frequent rootlets. Gravels are medium strong grey sub rounded of Moderately Weathered Basalt. TOPSOIL.		0.30				
0.5	Soft greyish brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.				LB SB		
1.0			1.10				
1.5	Firm to soft greyish brown high plasticity silty CLAY. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.				LB SB		
2.0							
2.5							
3.0							
	End of Trialpit at 3.20m		3.20				
3.5							
4.0							

Remarks :	Notation P : Percolation Test DT : In Situ Density Test PP : Pocket Penetrometer SB : Small Bulk LB : Large Bulk	
	Logged by : DG Checked by : ES	
	Contract No. : OPG 19068 CEB	
	Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2	

Sheet : 1 of 1

 WATER RESEARCH CO. LTD		TRIALPIT No. : TP 9 SITE : Henrietta
Method : Mechanical Excavator	National Grid Coordinates N : 7748672.00 E : 549357.000 Ground Level :	Start Date : 15/02/2019 End Date : 15/02/2019 Final Depth : 3.00m Water Depth : No Ground Water Encountered

Scale (m)	Description of Strata	Legend	Depth (m)	Elevation (m amsl)	Sample Type	Depth of Water Strikes	Insitu density/ Percolation/ Pocket Pen. kPa
0.5	Dark greyish brown gravelly high plasticity silty CLAY with frequent rootlets. Gravels are medium strong grey sub rounded of Moderately Weathered Basalt. TOPSOIL.		0.20				
1.0	Firm reddish brown high plasticity silty CLAY with frequent cobbles and boulders. Cobbles and Boulders are medium strong to strong grey of Slightly Weathered Basalt. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.		1.20		LB SB		
1.5	Soft to firm greyish to reddish brown silty slightly gravelly CLAY. Gravels are subrounded fine of very weak dark grey to black Moderately to Highly Weathered Basalt. COMPLETELY WEATHERED BASALT TO RESIDUAL SOIL.		3.00		LB SB		
3.0	End of Trialpit at 3.00m						
3.5							
4.0							

Remarks :	Notation P : Percolation Test DT : In Situ Density Test PP : Pocket Penetrometer SB : Small Bulk LB : Large Bulk	
	Logged by : DG Checked by : ES	
	Contract No. : OPG 19068 CEB	Project : Geotechnical Investigation at Proposed Henrietta PV Farm Phase 2
		Sheet : 1 of 1

Appendix D: Trial Pit Photographs

 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 1 Page 1 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB

TP 1



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 1 Page 2 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



Final Depth at 3.30 metres

 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 2 Page 1 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB

TP 2



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 2 Page 2 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 2 Page 3 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



Final Depth at 3.60 metres

 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 3 Page 1 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB

TP 3



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 3 Page 2 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



Final Depth at 3.70 metres

 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 4 Page 1 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB

TP 4



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 4 Page 2 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



Final Depth at 3.50 metres

 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 5 Page 1 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB

TP 5



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 5 Page 2 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



Final Depth at 3.00 metres

 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 6 Page 1 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB

TP 6



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 6 Page 2 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 6 Page 3 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



Final Depth at 3.20 metres

 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 7 Page 1 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB

TP 7



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 7 Page 2 of 2	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



Final Depth at 3.30 metres

 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 8 Page 1 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB

TP 8



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 8 Page 2 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 8 Page 3 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



Final Depth at 3.20 metres

 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 9 Page 1 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB

TP 9



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 9 Page 2 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



 WATER RESEARCH CO. LTD	GEOTECHNICAL INVESTIGATION AT PROPOSED HENRIETTA PV FARM PHASE 2
TP 9 Page 3 of 3	CLIENT: CEB CONTRACT No.: OPG 19068 CEB



Final Depth at 3.00 metres

Appendix E: Plate Load Test Results

GEOTECHNICAL SERVICES LIMITED

-TEST REPORT-

PLATE LOAD TEST



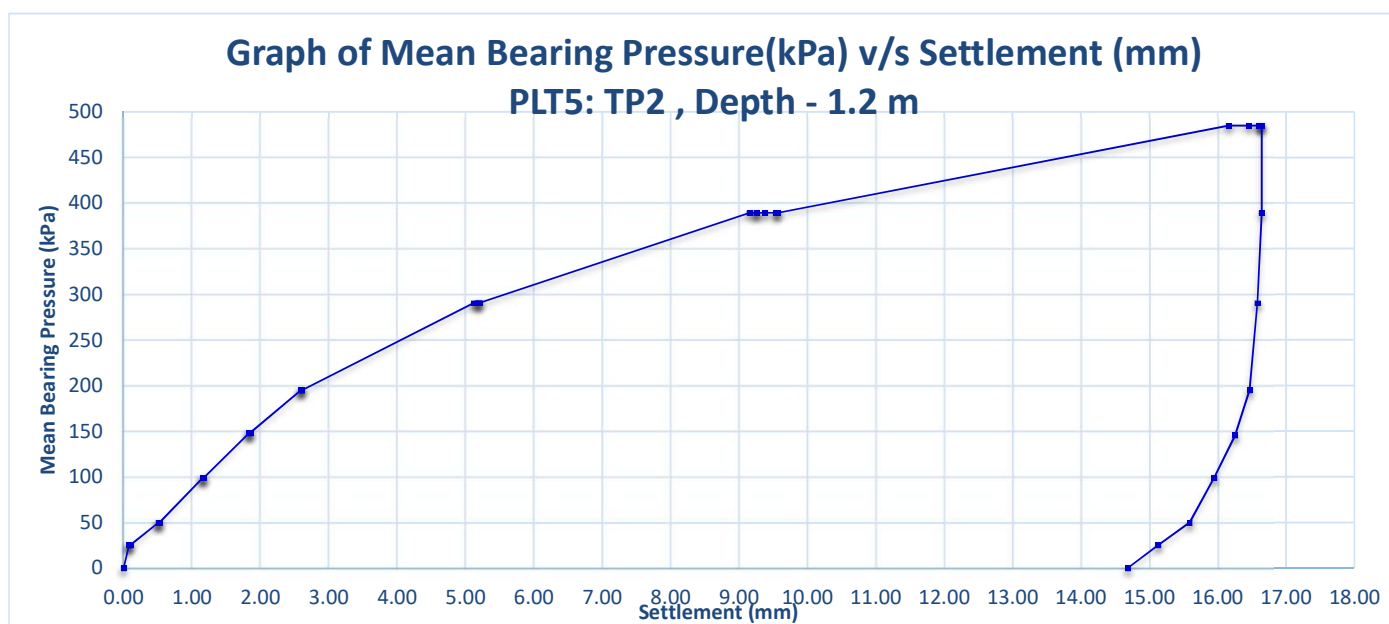
Client:	Water Research Co.Ltd
Project:	G.I For CEB
Location:	Henrietta
Date of request:	20.03.2019
Test Method:	As per British Standard BS 1377-9
Test Start Date:	26.03.2019
Report Date:	02.04.2019
Test Report No.:	GETS-2019-027(5) : CM/2019/0227
Plate diameter (mm):	305
Plate Area (mm ²):	73,062
Depth of testing Area:	1.2m below ground level
Description of Strata:	Brown high plasticity silty CLAY. CWB to RS

RESULTS: PLT 5 (TP2)

Time Interval (mins)	Ring Gauge reading/mm	Divs	Load (kN)	Mean bearing pressure (kPa)	Gauge readings (div)			Gauge readings (mm)			Average settlement (mm)	Remarks
					G 1	G 2	G 3	G 1	G 2	G 3		
					5	27	0					Initial gauge reading
	0.6	3	1.4	19.6	17	43	4	0.12	0.16	0.04	0.11	Seating load
	0.0	0	0.0	0.0	17	43	4	0.12	0.16	0.04	0.11	Unloading
	0.2	1	1.0	14.1	17	43	4	0.12	0.16	0.04	0.11	Half Seating load
			0.0	0							0.00	
1	1.2	5	1.8	25.1	29	46	13	0.12	0.03	0.09	0.08	Loading
1	1.2	5	1.8	25.1	30	47	13	0.13	0.04	0.09	0.09	
1	1.2	5	1.8	25.1	30	48	14	0.13	0.05	0.10	0.09	
1	1.2	5	1.8	25.1	30	49	14	0.13	0.06	0.10	0.10	
1	3.0	14	3.6	49.7	85	79	54	0.68	0.36	0.50	0.51	
1	3.0	14	3.6	49.7	86	80	54	0.69	0.37	0.50	0.52	
1	3.0	14	3.6	49.7	86	81	54	0.69	0.38	0.50	0.52	
1	3.0	14	3.6	49.7	86	81	54	0.69	0.38	0.50	0.52	
1	6.6	32	7.2	99.0	157	138	117	1.40	0.95	1.13	1.16	
1	6.6	32	7.2	99.0	158	139	118	1.41	0.96	1.14	1.17	
1	6.6	32	7.2	99.0	159	139	118	1.42	0.96	1.14	1.17	
1	6.6	32	7.2	99.0	159	139	118	1.42	0.96	1.14	1.17	
1	10.2	50	10.8	148.3	232	202	181	2.15	1.59	1.77	1.84	
1	10.2	50	10.8	148.3	234	202	182	2.17	1.59	1.78	1.85	
1	10.2	50	10.8	148.3	236	202	182	2.19	1.59	1.78	1.85	
1	10.2	50	10.8	148.3	236	202	182	2.19	1.59	1.78	1.85	
1	13.6	67	14.2	194.8	311	274	258	2.94	2.31	2.54	2.60	
1	13.6	67	14.2	194.8	311	275	258	2.94	2.32	2.54	2.60	
1	13.6	67	14.2	194.8	312	275	259	2.95	2.32	2.55	2.61	
1	13.6	67	14.2	194.8	312	276	259	2.95	2.33	2.55	2.61	
1	20.6	102	21.2	290.6	583	505	514	5.66	4.62	5.10	5.13	
1	20.6	102	21.2	290.6	590	506	520	5.73	4.63	5.16	5.17	
1	20.6	102	21.2	290.6	591	507	525	5.74	4.64	5.21	5.20	
1	20.6	102	21.2	290.6	591	508	526	5.74	4.65	5.22	5.20	

RESULTS: PLT 5 (TP2)

Time Interval (mins)	Ring Gauge reading/mm	Divs	Load (kN)	Mean bearing pressure (kPa)	Gauge readings (div)			Gauge readings (mm)			Average settlement (mm)	Remarks
					G 1	G 2	G 3	G 1	G 2	G 3		
					5	27	0					Initial gauge reading
Time Interval (mins)	Ring Gauge reading/mm	Divs	Load (kN)	Mean bearing pressure (kPa)	Gauge readings (div)			Gauge readings (mm)			Average settlement (mm)	Remarks
1	20.6	102	21.2	290.6	592	508	526	5.75	4.65	5.22	5.21	
1	27.8	138	28.4	389.1	971	865	974	9.54	8.22	9.70	9.15	
1	27.8	138	28.4	389.1	972	893	975	9.55	8.50	9.71	9.25	
1	27.8	138	28.4	389.1	973	893	975	9.56	8.50	9.71	9.26	
1	27.8	138	28.4	389.1	973	893	976	9.56	8.50	9.72	9.26	
1	27.8	138	28.4	389.1	982	902	995	9.65	8.59	9.91	9.38	
1	27.8	138	28.4	389.1	1015	902	1011	9.98	8.59	10.07	9.55	
1	27.8	138	28.4	389.1	1016	902	1013	9.99	8.59	10.09	9.56	
1	27.8	138	28.4	389.1	1019	902	1013	10.02	8.59	10.09	9.57	
1	34.8	173	35.4	484.9	1682	1580	1650	16.65	15.37	16.46	16.16	
1	34.8	173	35.4	484.9	1730	1600	1670	17.13	15.57	16.66	16.45	
1	34.8	173	35.4	484.9	1750	1610	1685	17.33	15.67	16.81	16.60	
1	34.8	173	35.4	484.9	1752	1610	1687	17.35	15.67	16.83	16.62	
1	34.8	173	35.4	484.9	1753	1611	1688	17.36	15.68	16.84	16.63	
1	34.8	173	35.4	484.9	1753	1611	1689	17.36	15.68	16.85	16.63	
1	34.8	173	35.4	484.9	1754	1614	1689	17.37	15.71	16.85	16.64	
	27.8	138	28.4	389.1	1754	1614	1689	17.37	15.71	16.85	16.64	
	20.6	102	21.2	290.6	1750	1607	1682	17.33	15.64	16.78	16.58	
	13.6	67	14.2	194.8	1732	1600	1672	17.15	15.57	16.68	16.47	
	10	49	10.6	145.5	1702	1592	1647	16.85	15.49	16.43	16.26	
	6.6	32	7.2	99.0	1671	1566	1612	16.54	15.23	16.08	15.95	
	3.0	14	3.6	49.7	1623	1531	1588	16.06	14.88	15.84	15.59	
	1.2	5	1.8	25.1	1575	1489	1539	15.58	14.46	15.35	15.13	
	0.0	0	0.0	0.0	1522	1455	1492	15.05	14.12	14.88	14.68	



GEOTECHNICAL SERVICES LIMITED

-TEST REPORT-

PLATE LOAD TEST



Client:	Water Research Co.Ltd
Project:	G.I For CEB
Location:	Henrietta
Date of request:	13.03.2019
Test Method:	As per British Standard BS 1377-9
Test Start Date:	22.03.19
Report Date:	26.03.19
Test Report No.:	GETS2019-027-06-PLT; CM/2019/0228
Plate diameter (mm):	305
Plate Area (mm ²):	73,062
Depth of testing Area:	1.8 m below g.l
Weather Condition:	Rainy
Description of Strata:	Reddish brown high plasticity silty CLAY. CWB to RS

RESULTS: PB 6 (TP1)

Time Interval (mins)	Ring Gauge reading/mm	Divs	Load (kN)	Mean bearing pressure (kPa)	Gauge readings (div)			Gauge readings (mm)			Average settlement (mm)	Remarks
					G 1	G 2	G 3	G 1	G 2	G 3		
					40	13	20					Initial gauge reading
	0.6	3	1.4	19.6	62	31	40	0.22	0.18	0.20	0.20	Seating load
	0.0	0	0.0	0.0	62	31	40	0.22	0.18	0.20	0.20	Unloading
	0.2	1	1.0	14.1	62	31	40	0.22	0.18	0.20	0.20	Half Seating load
			0.0	0							0.00	
1	1.2	5	1.8	25.1	115	129	82	0.53	0.98	0.42	0.64	Loading
1	1.2	5	1.8	25.1	116	129	83	0.54	0.98	0.43	0.65	
1	1.2	5	1.8	25.1	117	129	83	0.55	0.98	0.43	0.65	
1	3.0	14	3.6	49.7	202	247	132	1.40	2.16	0.92	1.49	
1	3.0	14	3.6	49.7	203	247	133	1.41	2.16	0.93	1.50	
1	3.0	14	3.6	49.7	203	247	138	1.41	2.16	0.98	1.52	
1	3.0	14	3.6	49.7	203	248	138	1.41	2.17	0.98	1.52	
1	6.6	32	7.2	99.0	298	350	293	2.36	3.19	2.53	2.69	
1	6.6	32	7.2	99.0	300	352	295	2.38	3.21	2.55	2.71	
1	6.6	32	7.2	99.0	300	352	296	2.38	3.21	2.56	2.72	
1	6.6	32	7.2	99.0	302	352	296	2.40	3.21	2.56	2.72	
1	10.2	50	10.8	148.3	421	459	433	3.59	4.28	3.93	3.93	
1	10.2	50	10.8	148.3	425	465	434	3.63	4.34	3.94	3.97	
1	10.2	50	10.8	148.3	426	469	434	3.64	4.38	3.94	3.99	
1	10.2	50	10.8	148.3	427	469	439	3.65	4.38	3.99	4.01	
1	10.2	50	10.8	148.3	427	469	440	3.65	4.38	4.00	4.01	
1	20.6	102	21.2	290.6	735	1055	922	6.73	10.24	8.82	8.60	
1	20.6	102	21.2	290.6	755	1089	923	6.93	10.58	8.83	8.78	
1	20.6	102	21.2	290.6	769	1090	945	7.07	10.59	9.05	8.90	
1	20.6	102	21.2	290.6	770	1091	945	7.08	10.60	9.05	8.91	
1	20.6	102	21.2	290.6	771	1091	946	7.09	10.60	9.06	8.92	
1	20.6	102	21.2	290.6	771	1091	946	7.09	10.60	9.06	8.92	
1	27.8	138	28.4	389.1	1500	1551	1460	14.38	15.20	14.20	14.59	