Appendix 2

Rotary Core Drillhole Records & Photographs

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC01**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,248.12 E 730,360.72 N	**DATE DRILLED**	15/10/2019
GROUND LEVEL (mOD)	81.56	**DATE LOGGED**	15/10/2019
CLIENT		**DRILLED BY**	IGSI
ENGINEER	PM Group	**LOGGED BY**	D.O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.50	81.06		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty gravelly CLAY with cobbles				
2	2.80								2.80	78.76		
3	3.30	100	38	20				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.50m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (4.26-4.53m, 6.32-6.58m, 3.79-7.02m, 7.12-7.17m, 7.25-7.28m & 7.60-7.70m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 5.04-5.08m), locally slightly iron-oxide stained, locally calcite-veined (1-10mm thick). Dips are 10°-20° & very locally 70°.				
4	4.30	100	41	25								
5	5.60	100	64	32								
6	6.40	100	81	75								
7	7.60	100	16	0								
8	8.00	100	95	95					8.00	73.56		
9								End of Borehole at 8.00 m				

REMARKS

Hole cased 0.00-2.80m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
3.00	2.80	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type
15-10-19	8.00	1.00	8.00	50mm SP

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
15-10-19	8.00	2.80	2.55	Water level recorded 5 mins after end of drilling.

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC02
SHEET Sheet 1 of 1

CO-ORDINATES 703,272.00 E
730,337.03 N
GROUND LEVEL (mOD) 81.32

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 14/10/2019
DATE LOGGED 15/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY Petersen
LOGGED BY O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.40	80.92		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty CLAY	1.80	79.52		
2								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles	2.70	78.62		
3	3.00							SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK	3.00	78.32		
4		100	64	41				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (4.80-4.90m & 5.26-5.38m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-20mm thick). Dips are 10°-20° & very locally 70°.				
5												
6	6.00											
7		100	76	44								
8	8.20							End of Borehole at 8.20 m	8.20	73.12		
9												

REMARKS
Hole cased 0.00-3.00m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC03**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,293.28 E 730,322.93 N	**DATE DRILLED**	15/10/2019
GROUND LEVEL (mOD)	81.26	**DATE LOGGED**	15/10/2019
CLIENT		**DRILLED BY**	Petersen
ENGINEER	PM Group	**LOGGED BY**	O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.30	80.96		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles	1.90	79.36		
2	2.60							SYMMETRIX DRILLING: No recovery, observed by driller as returns of weak ROCK	2.60	78.66		
3		100	50	26				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.80m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.63-3.94m, 4.01-4.03m, 5.93-6.13m, 6.20-6.32m, 7.21-7.43m & 7.58-7.64m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-10mm thick). Dips are 10°-20° & very locally 70°.				
4	4.20											
5		100	48	25								
6	6.50											
7		100	37	37								
8	8.00							End of Borehole at 8.00 m	8.00	73.26		
9												

REMARKS

Hole cased 0.00-2.60m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type
15-10-19	8.00	1.00	8.00	50mm SP

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC04
SHEET Sheet 1 of 2

CO-ORDINATES 703,329.96 E
730,314.52 N
GROUND LEVEL (mOD) 80.69

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 26/04/2019
DATE LOGGED 29/04/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSL
LOGGED BY D.O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of stiff brown silty gravelly CLAY with cobbles				
1	1.20								1.20	79.49		
	1.80	100	35	0				Weathered ROCK horizon - recovered as angular gravel of limestone with recognisable structure with layers of gravelly clay				
2		83	27	27								
	3.00								2.90	77.79		
3		100	63	43				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.80m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (4.61-4.69m, 5.58-5.66m, 6.30-6.41m, 6.46-6.50m, 6.73-6.80m, 7.43-7.46m, 7.98-8.01m, 9.22-9.37m & 9.60-9.67m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°.				
	3.60											
4		100	79	58								
	4.50											
5		100	58	30								
	5.10											
6		100	55	22								
	6.50											
7		100	100	83								
	7.60											
8		100	89	53								
9	9.10											
		100	84	59								

REMARKS

Hole cased 0.00-7.00m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.00	2.00	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC04
SHEET Sheet 2 of 2

CO-ORDINATES 703,329.96 E
730,314.52 N
GROUND LEVEL (mOD) 80.69

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 26/04/2019
DATE LOGGED 29/04/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSL
LOGGED BY D.O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
10	10.70								10.70	69.99		
11												
12												
13												
14												
15												
16												
17												
18												
19								End of Borehole at 19.80 m				

REMARKS

Hole cased 0.00-7.00m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.00	2.00	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
02-10-19	10.70	3.00	0.70	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC05
SHEET Sheet 1 of 1

CO-ORDINATES 703,225.17 E
730,340.39 N
GROUND LEVEL (mOD) 81.95

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 10/10/2019
DATE LOGGED 10/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSI
LOGGED BY O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of cobbly gravel (Clause 804 Material)	0.80	81.15		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles				
2	2.30								2.30	79.65		
	2.95	100	75	35				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (2.80-2.86m, 3.87-3.97m, 5.69-5.83m & 7.36-7.39m). Many incipient fractures throughout.				
3	3.10	100	87	67								
		100	91	78	520							
4	4.30											
	4.55	100	28	0				Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 4.26-4.31m), locally slightly iron-oxide stained, commonly calcite-veined (1-7mm thick). Dips are 10°-20° & very locally 70°.				
5		100	76	50								
	5.80											
6		100	90	55								
	6.90											
7		100	96	40								
	7.95								7.95	74.00		
8								End of Borehole at 7.95 m				
9												

REMARKS

Hole cased 0.00-2.30m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.50	2.30	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
10-10-19	7.95	2.30	2.15	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC06**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,267.21 E 730,315.29 N	**DATE DRILLED**	14/10/2019
GROUND LEVEL (mOD)	81.67	**DATE LOGGED**	14/10/2019
CLIENT		**DRILLED BY**	Petersen
ENGINEER	PM Group	**LOGGED BY**	D.O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.40	81.27		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty CLAY				
2									2.10	79.57		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty CLAY with cobbles - Possible highly weathered rock	2.60	79.07		
	3.00							SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK	3.00	78.67		
3		100	84	48				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (5.69-5.85m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 6.11-6.13m & 7.34-7.36m), locally slightly iron-oxide stained, locally calcite/dolomite-veined (1-200mm thick). Dips are 10°-20° & very locally 70°.				
4	4.70											
5		100	67	44								
6												
7	7.00	100	56	50								
8	8.10								8.10	73.57		
								End of Borehole at 8.10 m				
9												

REMARKS

Hole cased 0.00-3.00m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.50	2.50	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC07
SHEET Sheet 1 of 2

CO-ORDINATES 703,287.38 E
730,306.02 N
GROUND LEVEL (mOD) 81.60

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 30/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSI
LOGGED BY D.O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of stiff brown silty gravelly CLAY with cobbles				
1	1.50								1.50	80.10		
	2.00	100	10	0				Weathered ROCK horizon - recovered as angular gravel of limestone with recognisable structure with layers of gravelly clay				
2	2.40	100	15	0					2.35	79.25		
	2.95	100	87	62				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.80m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.30-3.32m, 4.01-4.03m, 4.75-4.78m, 5.03-5.06m, 7.17-7.19m, 7.38-7.40m, 7.74-7.75m, 8.19-8.26m & 10.26-10.28m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-25mm thick). Dips are 10°-20° & very locally 70°.				
3	3.30	100	89	63								
	4.30	100	79	42								
4												
5	5.80	100	91	45								
6	7.00	100	68	23								
7	7.50	100	52	22								
8		100	93	71								
9	9.00	100	93	77								

REMARKS

Hole cased 0.00-2.40m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
3.60	2.40	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC07
SHEET Sheet 2 of 2

CO-ORDINATES 703,287.38 E
730,306.02 N
GROUND LEVEL (mOD) 81.60

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 30/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSI
LOGGED BY D.O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
10	10.15							End of Borehole at 10.15 m	10.15	71.45		
11												
12												
13												
14												
15												
16												
17												
18												
19												

REMARKS

Hole cased 0.00-2.40m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
3.60	2.40	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
01-10-19	10.15	2.40	1.85	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC08**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,320.34 E 730,292.98 N	**DATE DRILLED**	09/10/2019
GROUND LEVEL (mOD)	81.40	**DATE LOGGED**	09/10/2019
RIG TYPE	Knebel	**DRILLED BY**	IGSI
FLUSH	Air/Mist	**LOGGED BY**	O'Shea
CLIENT		**INCLINATION (deg)**	-90
ENGINEER	PM Group	**CORE DIAMETER (mm)**	78

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.40	81.00		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of gravelly CLAY	0.80	80.60		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles				
2	2.40								2.40	79.00		
		100	63	45				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.50m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (2.78-2.80m, 3.90-4.00m, 5.50-5.54m & 5.63-5.68m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 2.67-2.72m & 3.76-3.90m), locally slightly iron-oxide stained, locally calcite-veined (1-8mm thick). Dips are 10°-20° & very locally 70°.				
3	3.00	100	49	17								
	3.65	100	27	0								
4	4.20	100	28	20								
	4.70	100	43	18								
5	5.50	100	60	17								
6	6.20	100	91	75								
7	7.30	100	55	55								
	7.95								7.95	73.45		
8								End of Borehole at 7.95 m				
9												

REMARKS

Hole cased 0.00-2.40m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.60	2.40	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
09-10-19	7.95	2.40	2.25	Water level recorded 5 mins after end of drilling.

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC09**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,214.33 E 730,314.10 N	**DATE DRILLED**	11/10/2019
GROUND LEVEL (mOD)	82.74	**DATE LOGGED**	11/10/2019
CLIENT		**DRILLED BY**	IGSL
ENGINEER	PM Group	**LOGGED BY**	D.O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Description	Depth (m)	Elevation
0					SYMMETRIX DRILLING: No recovery, observed by driller as returns of BOULDER	0.30	82.44
					SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown CLAY	1.10	81.64
1					SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles	2.10	80.64
2	2.10	50	0	0	Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay	2.95	79.79
3	3.10	100	17	0	Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.40m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.24-3.38m, 4.27-4.31m, 6.30-6.47m & 6.76-6.78m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-2mm thick). Dips are 10°-20° & very locally 70°.		
4	4.45	90	69	37			
5	5.50	100	94	34			
	5.85	100	40	0			
6	6.30	100	58	33			
7	7.55	100	100	71			
8	8.00				End of Borehole at 8.00 m	8.00	74.74
9							

Fracture Spacing Log (mm): 0 – 250 – 500

Non-intact Zone

Legend

Standpipe Details

SPT (N Value)

REMARKS

Hole cased 0.00-2.10m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.65	2.10	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
11-10-19	8.00	2.10	3.10	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC10**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,250.19 E 730,291.49 N	**DATE DRILLED**	04/10/2019
GROUND LEVEL (mOD)	82.15	**DATE LOGGED**	04/10/2019
CLIENT		**DRILLED BY**	IGSI
ENGINEER	PM Group	**LOGGED BY**	O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Description	Depth (m)	Elevation
					SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.40	81.75
					SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown CLAY	1.20	80.95
	1.20	100	0	0	Returns of angular gravel and cobbles of limestone with gravelly clay		
	1.70	44	0	0			
	2.50					2.50	79.65
	2.70	0	0	0	SYMMETRIX DRILLING: No recovery, observed by driller as returns of light brown gravelly CLAY with cobbles	2.70	79.45
	3.05	100	0	0	Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay		
	3.70	31	0	0		3.70	78.45
	4.30	100	97	68	Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (4.71-4.73m, 5.32-5.57m, 6.31-6.35m, 6.45-6.50m, 6.57-6.59m, 6.69-6.77m, 7.30-7.33m & 8.10-8.25m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, commonly calcite-veined (1-25mm thick). Dips are 10°-20° & very locally 70°.		
	5.80	100	57	46			
	7.30	100	67	57			
	8.40	100	77	65		8.40	73.75
					End of Borehole at 8.40 m		

Fracture Spacing Log (mm): 0 – 250 – 500

Non-intact Zone

Legend

Standpipe Details

SPT (N Value)

REMARKS

Hole cased 0.00-3.70m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type
07-10-19	8.40	1.00	8.40	50mm SP

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
07-10-19	8.40	3.70	1.70	Water level recorded 5 mins after end of drilling.

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GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC11**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,275.69 E 730,277.11 N	**DATE DRILLED**	09/10/2019
GROUND LEVEL (mOD)	82.35	**DATE LOGGED**	09/10/2019
CLIENT		**DRILLED BY**	IGSI
ENGINEER	PM Group	**LOGGED BY**	O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Description	Depth (m)	Elevation
0					SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.40	81.95
1					SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles		
2	2.20					2.20	80.15
		50	32	23	Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay	2.75	79.60
3	3.10				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.40m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.21-3.24m, 3.36-3.38m, 3.97-4.04m, 4.15-4.18m, 6.53-6.62m, 6.69-6.79m, 7.03-7.08m, 7.31-7.35m, 7.61-7.71m & 8.11-8.17m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-100mm thick). Dips are 10°-20° & very locally 70°.		
		100	61	47			
4	4.50						
		100	85	28			
5							
6	6.00						
		100	67	31			
	6.75						
7		100	85	40			
	7.60						
		100	71	26			
8	8.25					8.25	74.10
					End of Borehole at 8.25 m		
9							

Fracture Spacing Log (mm): 0 – 250 – 500

Non-intact Zone

Legend

Standpipe Details

SPT (N Value)

REMARKS

Hole cased 0.00-2.20m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.50	2.20	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type
10-10-19	8.25	1.00	8.25	50mm SP

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
09-10-19	8.25	2.20	2.15	Water level recorded 5 mins after end of drilling.

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC12**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,304.63 E 730,262.71 N	**DATE DRILLED**	08/10/2019
GROUND LEVEL (mOD)	81.88	**DATE LOGGED**	09/10/2019
CLIENT		**DRILLED BY**	IGSL
ENGINEER	PM Group	**LOGGED BY**	D.O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Description	Depth (m)	Elevation
0					SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.40	81.48
					SYMMETRIX DRILLING: No recovery, observed by driller as returns of light brown gravelly CLAY with cobbles		
	2.70					2.70	79.18
3		100	68	46	Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (2.81-2.86m, 4.46-4.50m, 4.63-5.04m, 5.25-5.28m, 5.32-5.35m, 5.82-5.85m, 6.49-6.52m, 6.58-6.69m & 6.84-6.87m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 5.35-5.44m), locally slightly iron-oxide stained, commonly calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°.		
4	4.10	100	73	60			
5	4.80	100	48	12			
6	6.00	100	75	45			
7	7.00						
	7.40	100	77	35			
	7.90	100	100	46		7.90	73.98
8					End of Borehole at 7.90 m		
9							

Fracture Spacing Log (mm): 0 – 250 – 500

Non-intact Zone

Legend

Standpipe Details

SPT (N Value)

REMARKS

Hole cased 0.00-2.70m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
1.80	1.80	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type
09-10-19	7.90	1.00	7.90	50mm SP

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
08-10-19	7.90	2.70	2.25	Water level recorded 5 mins after end of drilling.

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC13
SHEET Sheet 1 of 1

CO-ORDINATES 703,200.15 E
730,285.03 N
GROUND LEVEL (mOD) 83.12

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 14/10/2019
DATE LOGGED 14/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSI
LOGGED BY O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles				
1												
2	2.90								2.90	80.22		
3		100	16	16				Stiff, brown slightly sandy slightly gravelly CLAY with occasional cobbles. Sand is fine. Gravel is angular to subrounded fine to coarse of various lithologies predominantely limestone. Cobbles are subrounded of limestone.	3.80	79.32		
4	4.00	100	68	49				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.50m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (5.66-5.75m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-25mm thick). Dips are 10°-20° & very locally 70°.				
5	4.80	100	66	42								
6	5.75	100	77	77								
7	6.45	100	75	75								
8	7.75 8.00	100	100	40				End of Borehole at 8.00 m	8.00	75.12		
9												

REMARKS

Hole cased 0.00-2.90m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
3.20	2.90	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
14-10-19	8.00	2.90	3.50	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC14

SHEET Sheet 1 of 1

CO-ORDINATES 703,240.17 E
730,262.26 N

GROUND LEVEL (mOD) 82.47

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 03/10/2019
DATE LOGGED 03/10/2019

CLIENT

ENGINEER PM Group

DRILLED BY IGSI
LOGGED BY O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown sandy gravelly CLAY				
1	1.50								1.50	80.97		
	2.00	70	0	0				SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles	2.00	80.47		
2		100	60	53				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.21-3.27m & 4.41-4.45m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay/gravel -filled (at 2.32-2.73m & 3.17-3.21m), locally slightly iron-oxide stained, commonly calcite-veined (1-30mm thick). Dips are 10°-20° & very locally 70°.				
	2.85											
3		100	77	49								
	3.60											
	4.05	100	0	0								
4		100	100	85								
	5.05											
5	5.45	100	92	35								
	5.70	100	96	0								
	6.15	100	98	82								
6		100	92	60								
	6.75											
7		100	53	37								
	7.35											
	8.00	100	57	34								
8		100	68	55								
	8.60								8.60	73.87		
9								End of Borehole at 8.60 m				

REMARKS

Hole cased 0.00-1.50m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
1.70	1.50	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
03-10-19	8.60	1.50	2.90	Water level recorded 5 mins after end of drilling.

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC15**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,266.68 E 730,251.64 N	**DATE DRILLED**	30/09/2019
GROUND LEVEL (mOD)	82.49	**DATE LOGGED**	30/09/2019
CLIENT		**DRILLED BY**	IGSL
ENGINEER	PM Group	**LOGGED BY**	D.O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of light brown gravelly CLAY with cobbles				
1	1.55								1.55	80.94		
2	2.25	100	6	0				Weathered ROCK horizon - recovered as angular gravel of limestone with recognisable structure with layers of gravelly clay	2.10	80.39		
3	3.10	100	47	12				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.80m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (4.08-4.11m, 6.03-6.12m, 7.96-7.99m, 8.30-8.32m & 9.56-9.58m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 3.34-3.5m), locally slightly iron-oxide stained, locally calcite-veined (1-10mm thick). Dips are 10°-20° & very locally 70°.				
4	3.95	100	51	20								
5	5.35	100	91	68								
6	6.85	100	92	68								
7		100	86	53								
8	8.30	100	98	75								
9	9.55							End of Borehole at 9.55 m	9.55	72.94		

REMARKS

Hole cased 0.00-1.55m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
30-09-19	9.55	1.55	5.60	Water level recorded 5 mins after end of drilling.

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC16
SHEET Sheet 1 of 1

CO-ORDINATES 703,288.76 E
730,243.02 N
GROUND LEVEL (mOD) 81.92

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 27/09/2019
DATE LOGGED 27/09/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSI
LOGGED BY D.O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of light brown gravelly CLAY with cobbles				
1	1.50								1.50	80.42		
2	2.00	100	32	0				Weathered ROCK horizon - recovered as angular gravel of limestone with recognisable structure with layers of gravelly clay				
	2.60	42	22	22					2.80	79.12		
3	3.40	100	70	60				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.80m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.04-3.08m, 4.96-4.99m & 5.21-5.23m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°.				
4	4.80	100	96	84								
5	6.40	100	89	73								
6	7.05	100	85	17								
7	7.85	100	81	65								
8	8.05	100	100	70								
	9.40	100	98	75					9.40	72.52		
								End of Borehole at 9.40 m				

REMARKS

Hole cased 0.00-1.50m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
3.40	1.50	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
27-09-19	9.40	1.50	4.85	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC17

SHEET Sheet 1 of 1

CO-ORDINATES 703,178.09 E
730,257.28 N

GROUND LEVEL (mOD) 82.62

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 14/10/2019
DATE LOGGED 15/10/2019

CLIENT

ENGINEER PM Group

DRILLED BY IGSI
LOGGED BY D.O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles				
1	1.80								1.80	80.82		
2	2.25	100	0	0				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (2.84-3.20m, 5.17-5.20m, 5.43-5.47m & 7.70-7.76m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 4.42-4.45m), locally slightly iron-oxide stained, locally calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°.				
3	3.20	100	36	28								
	3.80	100	13	13								
4		100	66	63		520						
5	5.30											
6	6.60	100	68	62								
7		100	67	35								
	7.70											
8	8.40	100	86	44					8.40	74.22		
9								End of Borehole at 8.40 m				

REMARKS

Hole cased 0.00-1.80m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.50	1.80	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type
15-10-19	8.00	1.00	8.00	50mm SP

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
15-10-19	8.40	1.80	2.10	Water level recorded 5 mins after end of drilling.

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC18
SHEET Sheet 1 of 1

CO-ORDINATES 703,224.27 E
730,241.96 N
GROUND LEVEL (mOD) 82.24

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 03/10/2019
DATE LOGGED 04/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSL
LOGGED BY D.O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Description	Depth (m)	Elevation
0					SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles		
	1.10					1.10	81.14
1	1.60	100	0	0	Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay		
		100	23	16		2.15	80.09
2	2.30				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.75-4.09m, 5.18-5.23m, 6.20-6.22m, 6.48-6.59m & 7.41-7.44m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay/gravel -filled (at 2.31-2.36m, 3.41-3.60m & 3.06-3.13m), locally slightly iron-oxide stained, commonly calcite-veined (1-50mm thick). Dips are 10°-20° & very locally 70°.		
	2.65	100	34	0			
	2.90	100	32	0			
3	3.40	100	54	0			
	3.85	100	53	24			
4		100	74	44			
	5.00						
5	5.55	100	67	22			
6		100	79	37			
	6.95						
7	7.40	100	69	27			
	7.65	100	44	0			
		100	75	51			
8	8.20					8.20	74.04
					End of Borehole at 8.20 m		
9							

Fracture Spacing Log (mm): 0 – 250 – 500

Non-intact Zone

Legend

Standpipe Details

SPT (N Value)

REMARKS

Hole cased 0.00-2.65m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.00	2.00	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
03-10-19	8.20	2.65	1.25	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC19**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,252.77 E 730,231.54 N	**DATE DRILLED**	07/11/2019
GROUND LEVEL (mOD)	82.15	**DATE LOGGED**	07/10/2019
RIG TYPE	Knebel	**DRILLED BY**	IGSL
FLUSH	Air/Mist	**LOGGED BY**	O'Shea
CLIENT		**INCLINATION (deg)**	-90
ENGINEER	PM Group	**CORE DIAMETER (mm)**	78

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown CLAY	0.70	81.45		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of light brown gravelly CLAY with cobbles				
2	2.50								2.50	79.65		
								Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay	2.85	79.30		
3		79	63	33				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.80m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.78-3.84m, 5.34-5.38m, 6.69-6.71m, 7.43-7.45m & 7.57-7.61m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally strongly iron-oxide stained, locally calcite-veined (1-10mm thick). Dips are 10°-20° & very locally 70°.				
	3.45											
4		100	82	30								
	4.55											
5		100	84	67								
	5.75											
	6.05	100	73	33								
6		100	90	59								
7	7.60											
	8.00	100	100	52					8.00	74.15		
8								End of Borehole at 8.00 m				
9												

REMARKS

Hole cased 0.00-2.50m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.40	2.40	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
07-10-19	8.00	2.50	2.40	Water level recorded 5 mins after end of drilling.

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC20
SHEET Sheet 1 of 1

CO-ORDINATES 703,275.12 E, 730,221.66 N
GROUND LEVEL (mOD) 81.83

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 08/10/2019
DATE LOGGED 09/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSI
LOGGED BY D.O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm)	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0	1.00	0	0	0				SYMMETRIX DRILLING: No recovery, observed by driller as returns of CLAY with cobbles	1.00	80.83		
1	3.00	0	0	0				SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles	3.00	78.83		
3	4.35	100	43	9				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.14-3.19m, 3.33-3.41m, 3.68-3.80m, 4.09-4.11m & 6.75-6.84m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-20mm thick). Dips are 10°-20° & very locally 70°.				
4	5.25	100	92	92								
5	6.75	100	91	83								
6	8.15	100	85	67								
7									8.15	73.68		
8								End of Borehole at 8.15 m				
9												

REMARKS

Hole cased 0.00-3.00m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
1.80	1.80	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type
09-10-19	8.15	1.00	8.15	50mm SP

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
09-10-19	8.15	3.00	1.80	Water level recorded 5 mins after end of drilling.

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC21
SHEET Sheet 1 of 1

CO-ORDINATES 703,098.76 E
730,406.37 N
GROUND LEVEL (mOD) 80.87

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 15/10/2019
DATE LOGGED 16/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY IGSI
LOGGED BY D.O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Description	Depth (m)	Elevation	SPT (N Value)
0					SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.40	80.47	
1	1.40				SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles	1.40	79.47	
2	2.50	55	0	0	Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay	2.50	78.37	
3	3.25	100	68	59	Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (4.40-4.52m, 4.57-4.69m, 5.03-5.35m, 6.45-6.60m, 6.79-6.81m & 6.86-6.92m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 3.35-3.37m & 3.39-3.41m), locally slightly iron-oxide stained, locally calcite-veined (1-8mm thick). Dips are 10°-20° & very locally 70°.			
4	4.45	100	65	52				
5	5.45	100	5	0				
6	6.25	100	84	45				
	6.45	100	35	0				
7	7.65	100	78	67				
8	8.00	100	60	60		8.00	72.87	
					End of Borehole at 8.00 m			
9								

Fracture Spacing Log (mm): 0 – 250 – 500

Non-intact Zone

Legend

Standpipe Details

REMARKS

Hole cased 0.00-2.50m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
3.00	2.50	N/S			Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type
16-10-19	8.00	1.00	8.00	50mm SP

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
16-10-19	8.00	2.50	3.25	Water level recorded 5 mins after end of drilling.

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GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC22

SHEET Sheet 1 of 1

CO-ORDINATES 703,091.87 E
730,373.44 N

GROUND LEVEL (mOD) 81.27

RIG TYPE Knebel

FLUSH Air/Mist

INCLINATION (deg) -90

CORE DIAMETER (mm) 78

DATE DRILLED 16/10/2019

DATE LOGGED 16/10/2019

CLIENT

ENGINEER PM Group

DRILLED BY IGSI

LOGGED BY O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.40	80.87		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles	1.20	80.07		
1	1.20							Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay				
	1.60	100	0	0								
	2.00	100	0	0								
2	2.30	100	70	57					2.10	79.17		
	2.80	100	80	80				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.40-3.47m & 6.85-6.96m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 3.75-3.78m), locally slightly iron-oxide stained, locally calcite-veined (1-12mm thick). Dips are 10°-20° & very locally 70°.				
3		100	50	58								
	4.00	100	73	60								
4												
	5.20	100	93	78								
5												
	6.55	100	82	73								
6												
7												
	8.10								8.10	73.17		
8								End of Borehole at 8.10 m				
9												

REMARKS

Hole cased 0.00-2.00m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
3.15	2.00	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
16-10-19	8.10	2.00	3.35	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC23**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,131.82 E 730,322.87 N	**DATE DRILLED**	17/10/2019
GROUND LEVEL (mOD)	82.50	**DATE LOGGED**	18/10/2019
RIG TYPE	Knebel		
FLUSH	Air/Mist		
CLIENT		**DRILLED BY**	IGSI
ENGINEER	PM Group	**LOGGED BY**	O'Shea
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.35	82.15		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown CLAY	0.85	81.65		
1	1.50							SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty CLAY with cobbles - Possible highly weathered rock	1.50	81.00		
		73	0	0				Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay				
2	2.60								2.80	79.70		
	3.10	100	44	44				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.62-3.78m & 4.71-4.91m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-10mm thick). Dips are 10°-20° & very locally 70°.				
3		100	75	65								
	3.75											
4		100	43	29								
	4.85											
5		100	78	69								
	5.50											
6		100	34	19								
	6.35											
7		100	61	39								
	7.20											
		100	79	79								
8	8.00								8.00	74.50		
								End of Borehole at 8.00 m				
9												

REMARKS

Hole cased 0.00-1.50m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
2.80	1.50	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
18-10-19	8.00	1.50	4.10	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC24**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,169.37 E 730,355.53 N	**DATE DRILLED**	17/10/2019
GROUND LEVEL (mOD)	81.75	**DATE LOGGED**	17/10/2019
RIG TYPE	Knebel		
FLUSH	Air/Mist		
CLIENT		**DRILLED BY**	IGSI
ENGINEER	PM Group	**LOGGED BY**	O'Shea
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material) & cobbles	0.30	81.45		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown CLAY	1.00	80.75		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty CLAY with cobbles - Possible highly weathered rock				
2	2.40								2.40	79.35		
								Probabe weathered ROCK horizon - recovered as angular gravel of limestone with gravelly clay	2.80	78.95		
3		100	39	29				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.91-4.10m, 5.63-5.80m, 5.98-6.06m, 6.37-6.43m, 6.63-6.78m, 3.84-6.89m & 7.59-7.70m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-filled (at 3.30-3.33m, 3.54-3.64m, & 5.06-5.07m), locally slightly iron-oxide stained, locally calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°.				
	3.90											
4	4.30	100	30	0								
5		100	60	57								
	5.70											
6		100	43	37								
7	7.15											
		100	48	48								
	7.65											
	8.00	100	86	86					8.00	73.75		
8								End of Borehole at 8.00 m				
9												

REMARKS

Hole cased 0.00-2.40m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
3.00	2.40	N/S			Slow

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
17-10-19	8.00	2.40	3.85	Water level recorded 5 mins after end of drilling.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC25
SHEET Sheet 1 of 1

CO-ORDINATES 703,410.65 E
730,293.06 N
GROUND LEVEL (mOD) 78.53

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 15/10/2019
DATE LOGGED 15/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY Petersen
LOGGED BY O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown gravelly CLAY with cobbles				
1									1.30	77.23		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of weak ROCK	1.90	76.63		
2	2.40							SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK	2.40	76.13		
3		100	46	37				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.73-3.78m, 4.13-4.15m, 4.21-4.23m, 6.41-6.45m & 6.70-6.77m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-10mm thick). Dips are 10°-20° & very locally 70°.				
4												
5	5.30											
6		100	83	58								
7												
	7.90								7.90	70.63		
8								End of Borehole at 7.90 m				
9												

REMARKS

Hole cased 0.00-2.40m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC26
SHEET Sheet 1 of 1

CO-ORDINATES 703,387.91 E
730,255.59 N
GROUND LEVEL (mOD) 79.27

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 16/10/2019
DATE LOGGED 16/10/2019

CLIENT
ENGINEER PM Group

DRILLED BY Petersen
LOGGED BY O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.30	78.97		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty gravelly CLAY	1.10	78.17		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of weak ROCK	1.90	77.37		
	2.30							SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK	2.30	76.97		
		100	82	74				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.70m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.65-3.69m, 3.85-3.89m, 5.35-5.37m, 5.45-5.46m, 5.56-5.58m & 6.64-6.68m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-5mm thick). Dips are 10°-20° & very locally 70°.				
	5.10											
		100	76	39								
	7.70								7.70	71.57		
								End of Borehole at 7.70 m				

REMARKS

Hole cased 0.00-2.30m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC27**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,365.54 E 730,205.40 N	**DATE DRILLED**	16/10/2019
GROUND LEVEL (mOD)	79.75	**DATE LOGGED**	16/10/2019
CLIENT		**DRILLED BY**	Petersen
ENGINEER	PM Group	**LOGGED BY**	D.O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Description	Depth (m)	Elevation
0					SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.60	79.15
1					SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty gravelly CLAY	1.20	78.55
					SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty gravelly CLAY with cobbles - Possible highly weathered rock	1.90	77.85
2	2.20				SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK	2.20	77.55
3		98	70	43	Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-0.60m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.10-3.24m, 4.61-4.67m, 5.37-5.41m & 5.89-5.91m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, locally calcite-veined (1-8mm thick). Dips are 10°-20° & very locally 70°.		
4							
5	5.10						
6		100	85	39			
7							
	7.90					7.90	71.85
8					End of Borehole at 7.90 m		
9							

Fracture Spacing Log (mm): 0 – 250 – 500

Non-intact Zone

Legend

Standpipe Details

SPT (N Value)

REMARKS

Hole cased 0.00-2.20m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC28**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,345.23 E 730,167.45 N	**DATE DRILLED**	16/10/2019
GROUND LEVEL (mOD)	80.13	**DATE LOGGED**	17/10/2019
CLIENT		**DRILLED BY**	Petersen
ENGINEER	PM Group	**LOGGED BY**	D.O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of MADE GROUND consisting of gravel (Clause 804 Material)	0.40	79.73		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty gravelly CLAY	1.30	78.83		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty gravelly CLAY with cobbles - Possible highly weathered rock	1.90	78.23		
2	2.40							SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK	2.40	77.73		
3		100	72	31				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-1.20m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (2.54-2.62m, 3.27-3.30m, 3.34-3.47m, 4.43-4.51m, 4.59-4.61m, 4.63-4.68m, 5.11-5.13m, 7.10-7.17m & 7.53-7.56m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, commonly calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°.				
4												
5	5.20											
6		100	91	73								
7												
8	8.00							End of Borehole at 8.00 m	8.00	72.13		
9												

REMARKS

Hole cased 0.00-2.40m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

DRILLHOLE NO RC29

SHEET Sheet 1 of 1

CO-ORDINATES 703,451.02 E
730,167.48 N

GROUND LEVEL (mOD) 80.68

RIG TYPE Knebel
FLUSH Air/Mist
INCLINATION (deg) -90
CORE DIAMETER (mm) 78

DATE DRILLED 17/10/2019
DATE LOGGED 17/10/2019

CLIENT

ENGINEER PM Group

DRILLED BY Petersen
LOGGED BY O'Shea

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm)	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0					0 250 500			SYMMETRIX DRILLING: No recovery, observed by driller as returns of TOPSOIL	0.30	80.38		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty gravelly CLAY	1.40	79.28		
								SYMMETRIX DRILLING: No recovery, observed by driller as returns of weak ROCK	1.80	78.88		
2	2.20							SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK	2.20	78.48		
		100	83	71				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-1.10m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (3.67-3.80m & 6.07-6.12m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, commonly calcite-veined (1-15mm thick). Dips are 10°-20° & very locally 70°.				
5	5.00											
		100	87	68	520							
7	7.90								7.90	72.78		
8								End of Borehole at 7.90 m				
9												

REMARKS

Hole cased 0.00-2.20m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type
17-10-19	7.90	1.50	7.90	50mm SP

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

GEOTECHNICAL CORE LOG RECORD

REPORT NUMBER 22000

CONTRACT	PPK3 Profile Park	**DRILLHOLE NO**	**RC30**
		SHEET	Sheet 1 of 1
CO-ORDINATES	703,485.95 E 730,158.47 N	**DATE DRILLED**	17/10/2019
GROUND LEVEL (mOD)	80.73	**DATE LOGGED**	17/10/2019
CLIENT		**DRILLED BY**	Petersen
ENGINEER	PM Group	**LOGGED BY**	D.O'Shea
RIG TYPE	Knebel		
FLUSH	Air/Mist		
INCLINATION (deg)	-90		
CORE DIAMETER (mm)	78		

Downhole Depth (m)	Core Run Depth (m)	T.C.R.%	S.C.R.%	R.Q.D.%	Fracture Spacing Log (mm) 0 250 500	Non-intact Zone	Legend	Description	Depth (m)	Elevation	Standpipe Details	SPT (N Value)
0								SYMMETRIX DRILLING: No recovery, observed by driller as returns of TOPSOIL	0.30	80.43		
1								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty gravelly CLAY	1.20	79.53		
2								SYMMETRIX DRILLING: No recovery, observed by driller as returns of brown silty gravelly CLAY with cobbles - Possible highly weathered rock	2.90	77.83		
3	3.40							SYMMETRIX DRILLING: No recovery, observed by driller as returns of ROCK	3.40	77.33		
4		100	93	81				Very strong to medium strong, medium to thinly bedded (to thinly laminated where fissile mudstone/shale), grey/dark grey/black, fine-grained, LIMESTONE (argillaceous limestone grading regularly (every approx 0.10-1.20m) into calci-siltite limestone with subordinate MUDSTONE, local stylolites, pyrite present), partially weathered where intact, distinctly weathered at fissile mudstone/shale zones at (5.24-5.32m & 6.73-6.75m). Many incipient fractures throughout. Discontinuities are medium to closely spaced, smooth to locally rough, planar to locally curviplanar. Apertures are tight to locally open, locally clay-smeared, locally slightly iron-oxide stained, commonly calcite-veined (1-18mm thick). Dips are 10°-20° & very locally 70°.				
5												
6	6.20					530						
7		100	91	86								
8	8.10							End of Borehole at 8.10 m	8.10	72.63		
9												

REMARKS

Hole cased 0.00-3.40m.

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike recorded

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER DETAILS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

IGSL RC FI 10M 22000 FINAL SURVEY.GPJ IGSL.GDT 7/11/19

RC01 Box 1 of 2 – 2.80-5.40m

RC01 Box 2 of 2 – 5.40-8.00m

RC02 Box 1 of 2 – 3.00-6.00m

RC02 Box 2 of 2 – 6.00-8.20m

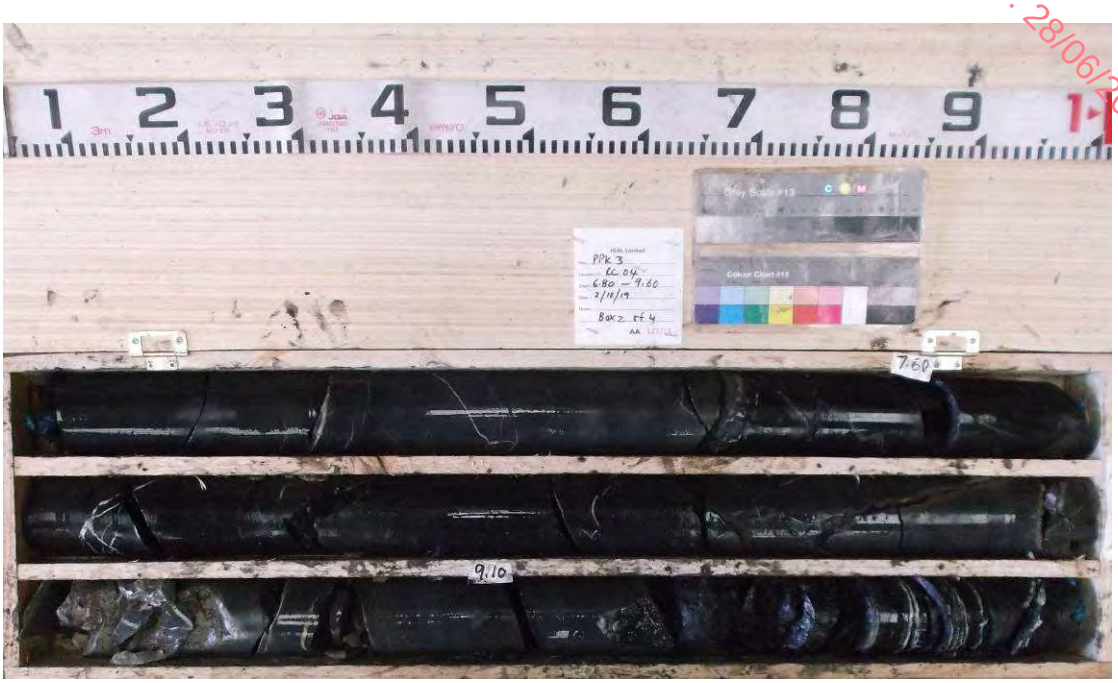
RC03 Box 1 of 2 – 2.60-5.50m

RC03 Box 2 of 2 – 5.50-8.00m

RC04 Box 1 of 4 – 1.20-4.15m

RC04 Box 2 of 4 – 4.15-6.80m

RC04 Box 3 of 4 – 6.80-9.60m



RC04 Box 4 of 4 – 6.80-9.60m

RC05 Box 1 of 2 – 2.30-5.00m

RC05 Box 2 of 2 – 5.00-7.95m

RC06 Box 1 of 2 – 3.00-5.50m

RC06 Box 2 of 2 – 5.50-8.10m

RC07 Box 1 of 4 – 1.50-4.30m

RC07 Box 2 of 4 – 4.30-7.00m

RC07 Box 3 of 4 – 7.00-9.65m

RC07 Box 4 of 4 – 9.65-10.15m

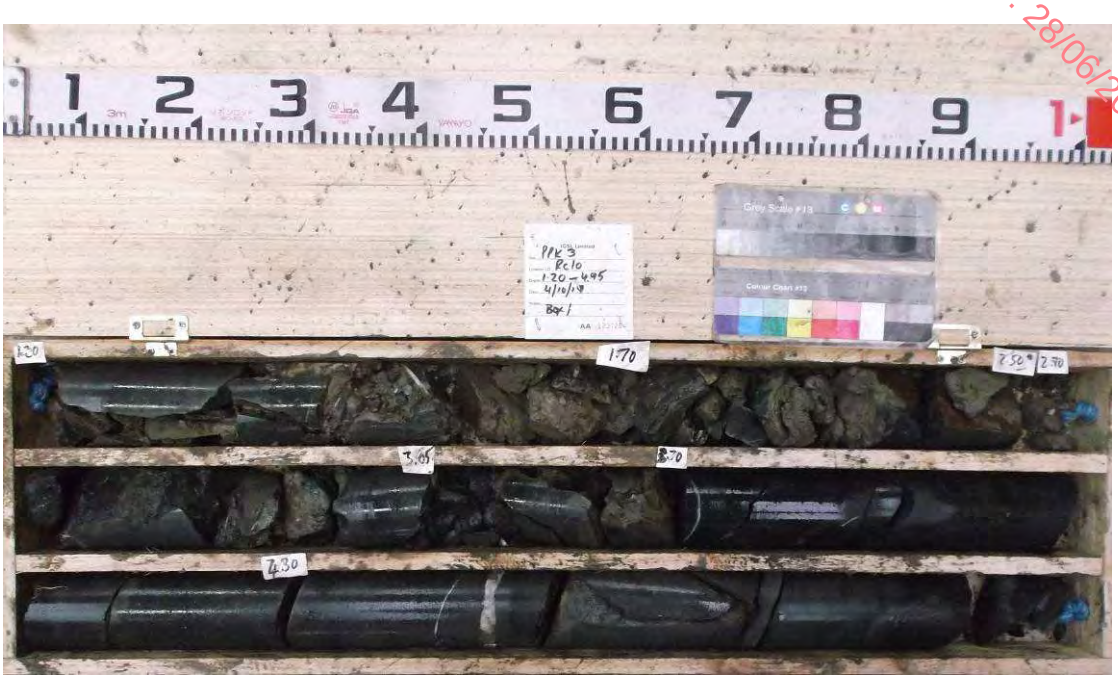
RC08 Box 1 of 2 – 2.40-5.15m

RC08 Box 2 of 2 – 5.15-7.95m

RC09 Box 1 of 2 – 2.10-5.35m

RC09 Box 2 of 2 – 5.35-8.00m

RC10 Box 1 of 3 – 1.20-4.95m



RC10 Box 2 of 3 – 4.95-7.50m

RC10 Box 3 of 3 – 7.50-8.40m

RC11 Box 1 of 2 – 2.20-5.45m

RC11 Box 2 of 2 – 5.45-8.25m

RC12 Box 1 of 2 – 2.70-5.25m

RC12 Box 2 of 2 – 5.25-7.90m

RC13 Box 1 of 2 – 2.90-6.65m

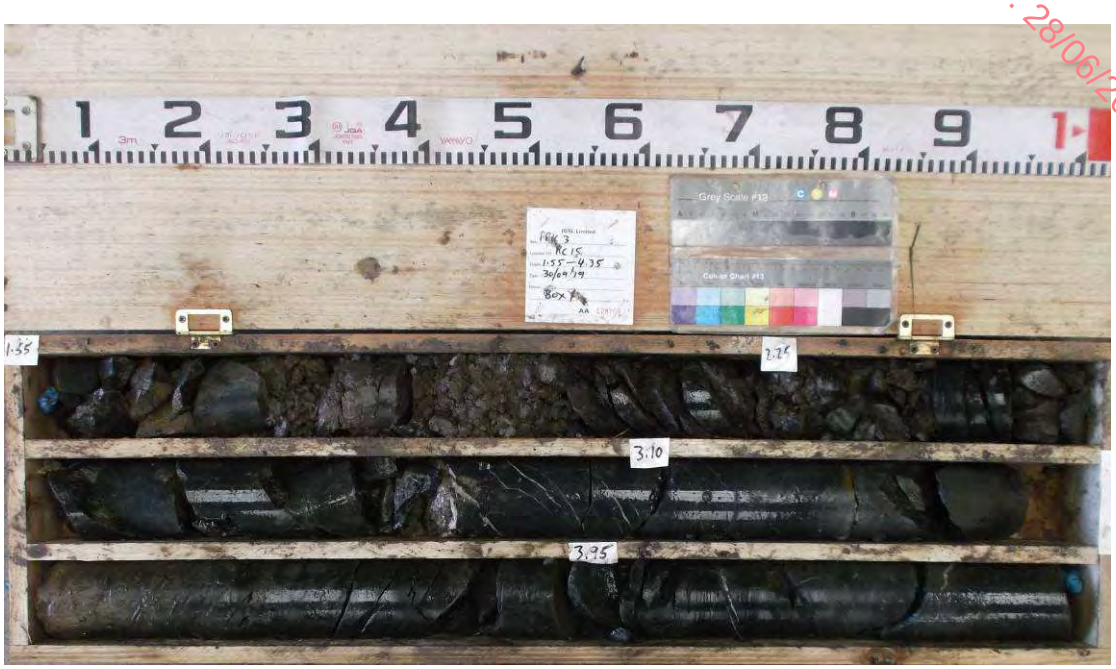
RC13 Box 2 of 2 – 6.65-8.00m

RC14 Box 1 of 3 – 1.50-4.45m

RC14 Box 2 of 3 – 4.45-6.75m

RC14 Box 3 of 3 – 6.75-8.60m

RC15 Box 1 of 3 – 1.55-4.35m



RC15 Box 2 of 3 – 4.35-7.00m

RC15 Box 3 of 3 – 7.00-9.55m

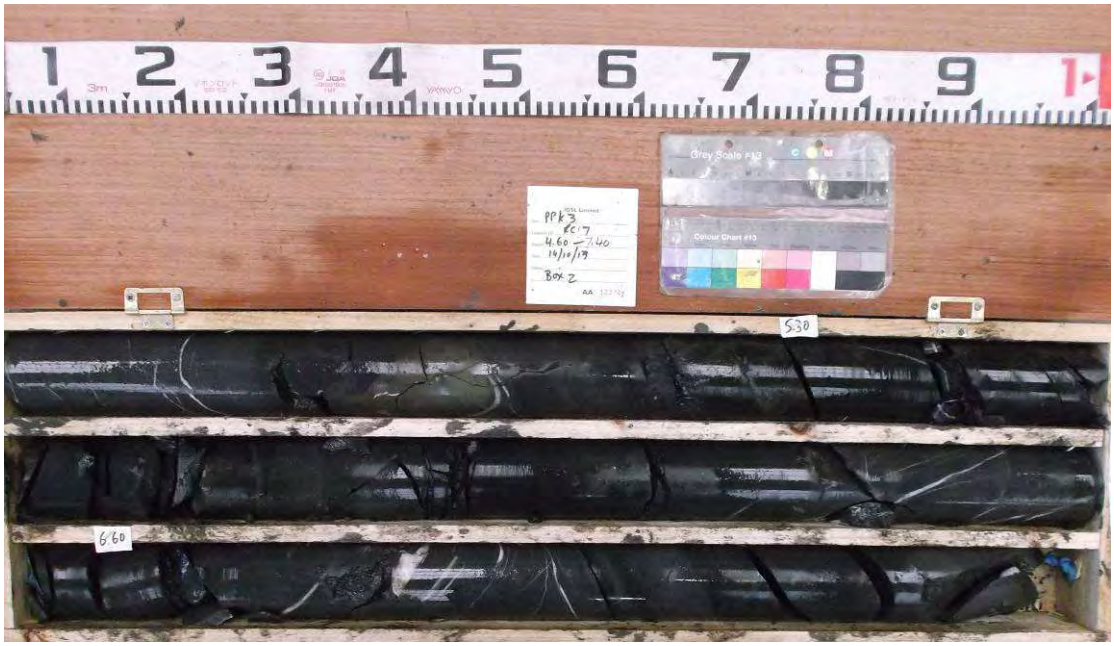
RC16 Box 1 of 3 – 1.50-4.60m

RC16 Box 2 of 3 – 4.60-7.30m

RC16 Box 3 of 3 – 7.30-9.40m

RC17 Box 1 of 3 – 1.80-4.60m

RC17 Box 2 of 3 – 4.60-7.40m



RC17 Box 3 of 3 – 7.40-8.40m

RC18 Box 1 of 3 – 1.10-3.85m

RC18 Box 2 of 3 – 3.85-6.75m

RC18 Box 3 of 3 – 6.75-8.20m

RC19 Box 1 of 2 – 2.50-5.50m

RC19 Box 2 of 2 – 5.50-8.00m

RC20 Box 1 of 2 – 3.00-5.80m

RC20 Box 2 of 2 – 5.80-8.15m

RC21 Box 1 of 3 – 1.40-4.65m

RC21 Box 2 of 3 – 4.65-7.20m

RC21 Box 3 of 3 – 7.20-8.00m

RC22 Box 1 of 3 – 1.20-4.00m

RC22 Box 2 of 3 – 4.00-6.85m

RC22 Box 3 of 3 – 4.00-6.85m

RC23 Box 1 of 3 – 1.50-4.55m

RC23 Box 2 of 3 – 4.55-7.20m

RC23 Box 3 of 3 – 7.20-8.00m

RC24 Box 1 of 2 – 2.40-5.25m

RC24 Box 2 of 2 – 5.25-8.00m

RC25 Box 1 of 2 – 2.40-5.10m

RC25 Box 2 of 2 – 5.10-7.90m

RC26 Box 1 of 2 – 2.30-5.10m

RC26 Box 2 of 2 – 5.10-7.70m

RC27 Box 1 of 2 – 2.20-5.10m

RC27 Box 2 of 2 – 5.10-7.90m

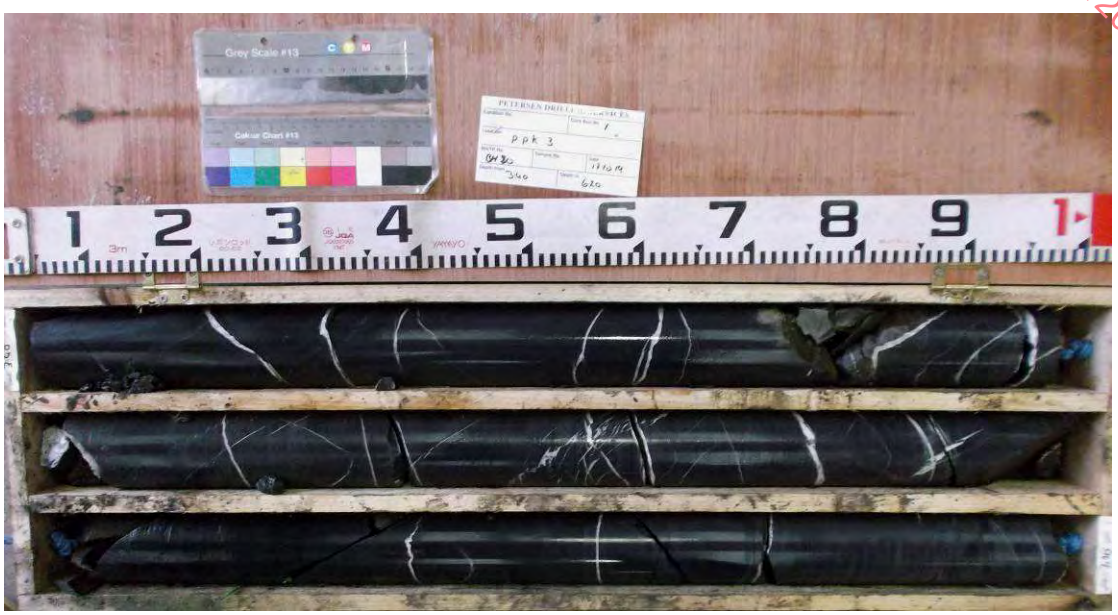
RC28 Box 1 of 2 – 2.40-5.20m

RC28 Box 2 of 2 – 5.20-8.00m

RC29 Box 1 of 2 – 2.20-5.00m

RC29 Box 2 of 2 – 5.00-7.90m

RC30 Box 1 of 2 – 3.40-6.20m



RC30 Box 2 of 2 – 6.20-8.10m

Appendix 3

Dynamic Probe Records

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP03
SHEET Sheet 1 of 1

CO-ORDINATES 703,431.36 E
730,624.32 N
GROUND LEVEL (mOD) 74.15

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

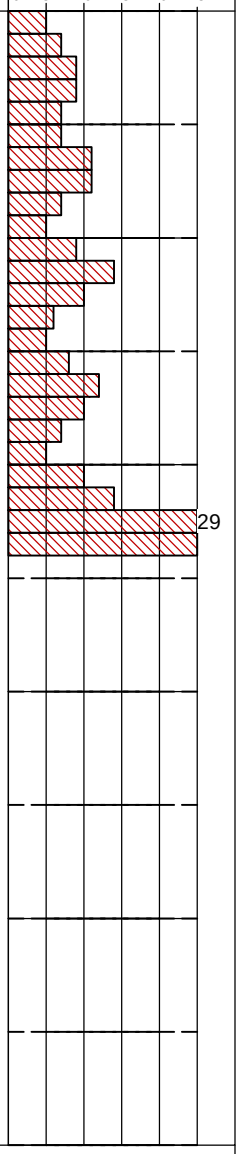
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	5
						0.10	7
						0.20	9
						0.30	9
						0.40	7
						0.50	7
						0.60	11
						0.70	11
						0.80	7
						0.90	5
1.0						1.00	9
						1.10	14
						1.20	10
						1.30	6
						1.40	5
						1.50	8
						1.60	12
						1.70	10
						1.80	7
						1.90	5
2.0						2.00	10
						2.10	14
						2.20	29
						2.30	25
	End of Probe at 2.40 m			71.75			
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP12
SHEET Sheet 1 of 1

CO-ORDINATES 703,426.49 E
730,585.00 N
GROUND LEVEL (mOD) 74.57

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

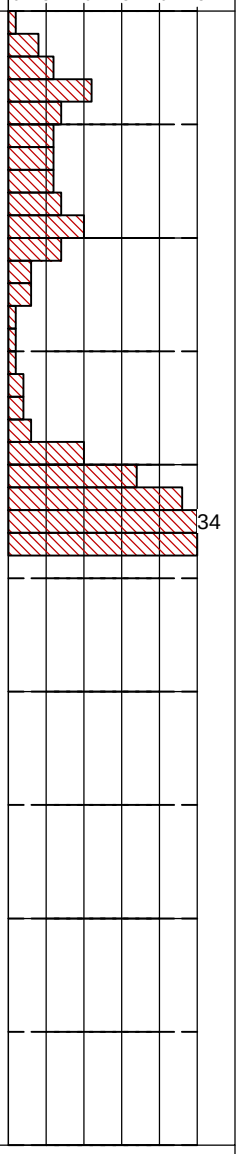
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	4
						0.20	6
						0.30	11
						0.40	7
						0.50	6
						0.60	6
						0.70	6
						0.80	7
						0.90	10
1.0						1.00	7
						1.10	3
						1.20	3
						1.30	1
						1.40	1
						1.50	1
						1.60	2
						1.70	2
						1.80	3
						1.90	10
2.0						2.00	17
						2.10	23
						2.20	34
						2.30	25
	End of Probe at 2.40 m			72.17			
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP16
SHEET Sheet 1 of 1

CO-ORDINATES 703,379.94 E
730,573.04 N
GROUND LEVEL (mOD) 75.24

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

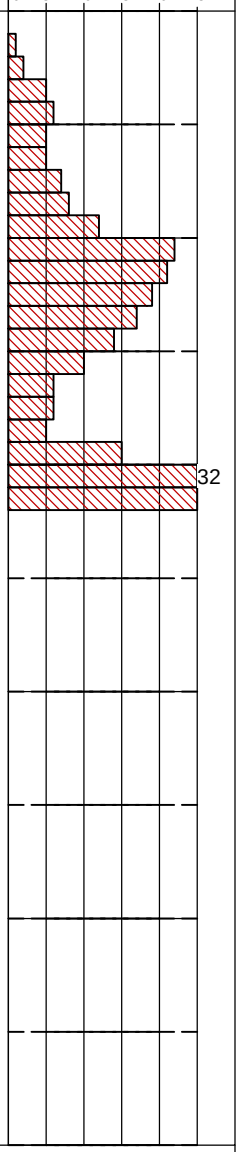
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	1
						0.20	2
						0.30	5
						0.40	6
						0.50	5
						0.60	5
						0.70	7
						0.80	8
						0.90	12
1.0						1.00	22
						1.10	21
						1.20	19
						1.30	17
						1.40	14
						1.50	10
						1.60	6
						1.70	6
						1.80	5
						1.90	15
2.0						2.00	32
	End of Probe at 2.20 m			73.04		2.10	25
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP21

SHEET Sheet 1 of 1

CO-ORDINATES 703,520.86 E
730,526.21 N

GROUND LEVEL (mOD) 76.42

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

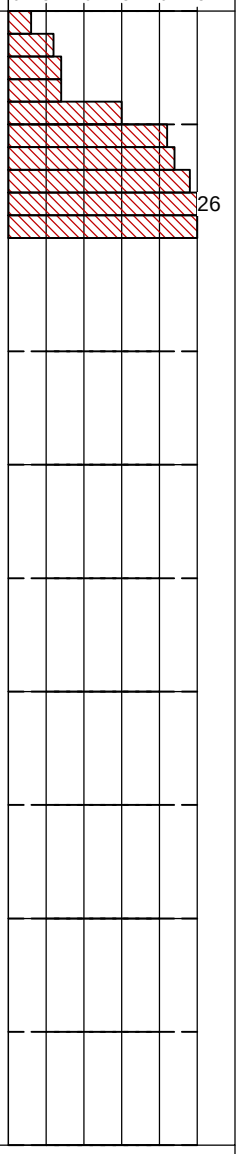
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	3
						0.10	6
						0.20	7
						0.30	7
						0.40	15
						0.50	21
						0.60	22
						0.70	24
						0.80	26
						0.90	25
1.0	End of Probe at 1.00 m			75.42			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP23

SHEET Sheet 1 of 1

CO-ORDINATES 703,572.97 E
730,528.97 N

GROUND LEVEL (mOD) 76.10

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

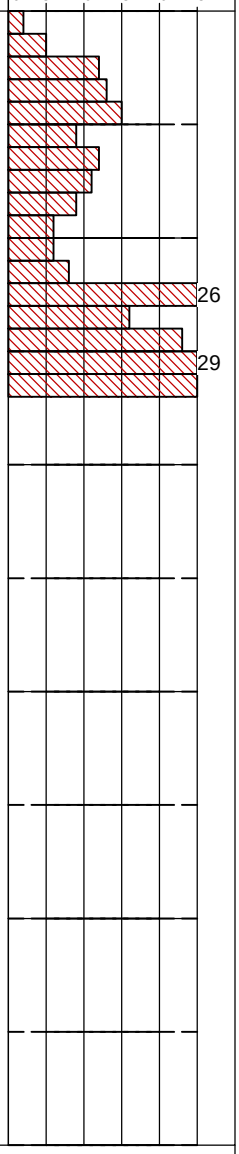
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	2
						0.10	5
						0.20	12
						0.30	13
						0.40	15
						0.50	9
						0.60	12
						0.70	11
						0.80	9
						0.90	6
1.0						1.00	6
						1.10	8
						1.20	26
						1.30	16
						1.40	23
						1.50	29
						1.60	25
	End of Probe at 1.70 m			74.40			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP25**

SHEET Sheet 1 of 1

CO-ORDINATES 703,514.47 E
730,496.74 N

GROUND LEVEL (mOD) 75.21

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

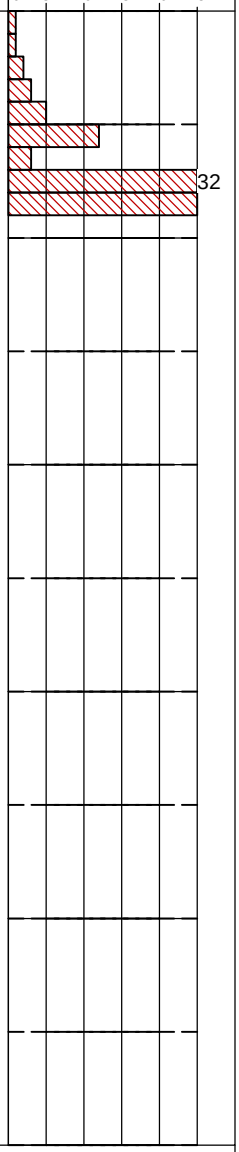
INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	1
						0.20	2
						0.30	3
						0.40	5
						0.50	12
						0.60	3
						0.70	32
						0.80	25
	End of Probe at 0.90 m			74.31			
1.0							
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP27

SHEET Sheet 1 of 1

CO-ORDINATES 703,548.43 E
730,491.52 N

GROUND LEVEL (mOD) 75.31

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

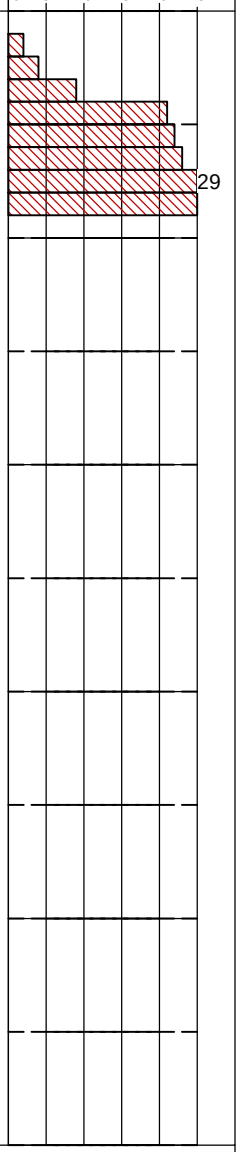
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	2
						0.20	4
						0.30	9
						0.40	21
						0.50	22
						0.60	23
						0.70	29
						0.80	25
	End of Probe at 0.90 m			74.41			
1.0							
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP29
SHEET Sheet 1 of 1

CO-ORDINATES 703,590.30 E
730,482.95 N
GROUND LEVEL (mOD) 75.24

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	2
						0.10	3
						0.20	5
						0.30	5
						0.40	5
						0.50	9
						0.60	12
						0.70	15
						0.80	13
						0.90	12
1.0						1.00	14
						1.10	9
						1.20	12
						1.30	14
						1.40	20
						1.50	17
						1.60	12
						1.70	9
						1.80	8
						1.90	10
2.0						2.00	11
						2.10	19
						2.20	21
						2.30	25
	End of Probe at 2.40 m			72.84			
3.0							
4.0							

Graphic Probe Record: 0 5 10 15 20 25

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP31
SHEET Sheet 1 of 1

CO-ORDINATES 703,528.72 E
730,482.40 N
GROUND LEVEL (mOD) 75.48

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	2
						0.20	4
						0.30	7
						0.40	11
						0.50	10
						0.60	9
						0.70	21
						0.80	20
						0.90	18
1.0						1.00	16
						1.10	11
						1.20	8
						1.30	5
						1.40	8
						1.50	12
						1.60	8
						1.70	7
						1.80	8
						1.90	10
2.0						2.00	12
						2.10	14
						2.20	19
						2.30	21
						2.40	25
	End of Probe at 2.50 m			72.98			
3.0							
4.0							

Graphic Probe Record: 0 5 10 15 20 25

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP33
SHEET Sheet 1 of 1

CO-ORDINATES 703,573.83 E
730,479.28 N
GROUND LEVEL (mOD) 75.31

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	3
						0.20	4
						0.30	4
						0.40	6
						0.50	11
						0.60	17
						0.70	14
						0.80	12
						0.90	14
1.0						1.00	17
						1.10	19
						1.20	22
						1.30	14
						1.40	13
						1.50	9
						1.60	6
						1.70	2
						1.80	4
						1.90	12
2.0						2.00	15
						2.10	17
						2.20	21
						2.30	23
						2.40	25
	End of Probe at 2.50 m			72.81			
3.0							
4.0							

Graphic Probe Record

0 5 10 15 20 25

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP35**

SHEET Sheet 1 of 1

CO-ORDINATES 703,522.31 E
730,452.58 N

GROUND LEVEL (mOD) 76.23

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	1
						0.20	2
						0.30	10
						0.40	7
						0.50	14
						0.60	29
						0.70	37
						0.80	25
	End of Probe at 0.90 m			75.33			
1.0							
2.0							
3.0							
4.0							

Graphic Probe Record

0 5 10 15 20 25

29

37

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP37
SHEET Sheet 1 of 1

CO-ORDINATES 703,579.97 E
730,447.99 N
GROUND LEVEL (mOD) 75.85

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

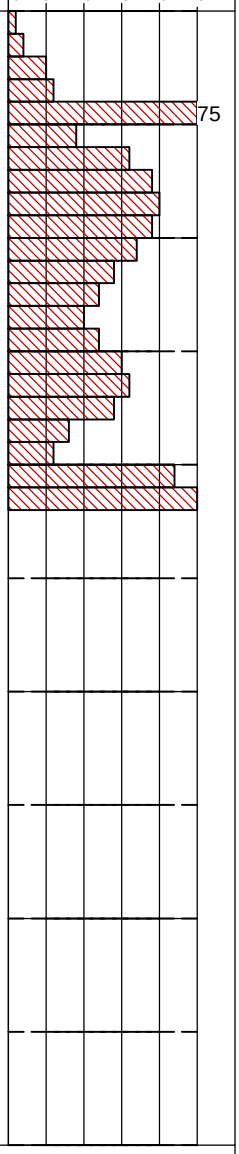
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	2
						0.20	5
						0.30	6
						0.40	75
						0.50	9
						0.60	16
						0.70	19
						0.80	20
						0.90	19
1.0						1.00	17
						1.10	14
						1.20	12
						1.30	10
						1.40	12
						1.50	15
						1.60	16
						1.70	14
						1.80	8
						1.90	6
2.0						2.00	22
	End of Probe at 2.20 m			73.65		2.10	25
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP39**

SHEET Sheet 1 of 1

CO-ORDINATES 703,078.56 E
730,444.64 N

GROUND LEVEL (mOD) 79.03

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

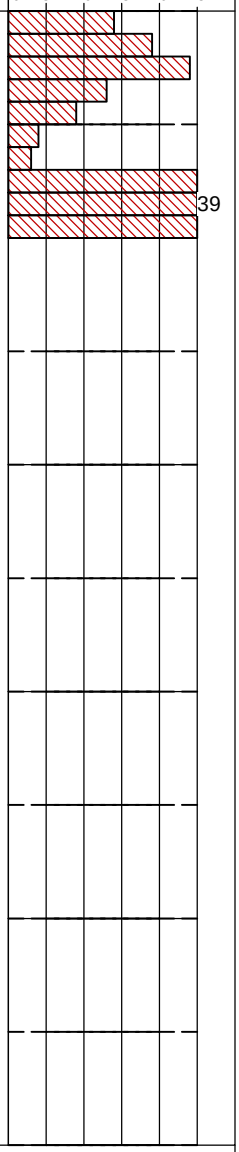
INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	14
						0.10	19
						0.20	24
						0.30	13
						0.40	9
						0.50	4
						0.60	3
						0.70	25
						0.80	39
						0.90	25
1.0	End of Probe at 1.00 m			78.03			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP40**

SHEET Sheet 1 of 1

CO-ORDINATES 703,109.76 E
730,426.72 N

GROUND LEVEL (mOD) 79.95

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

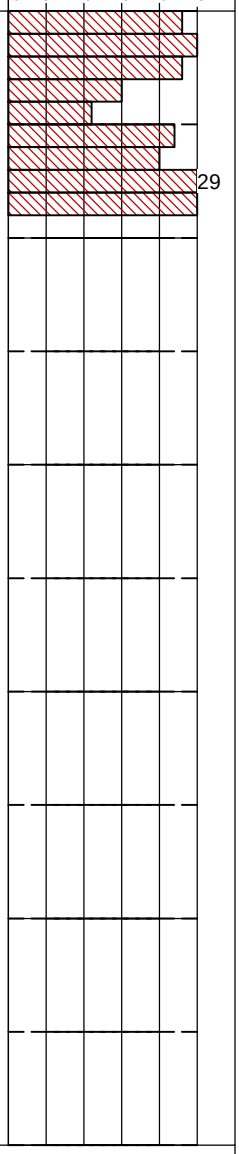
INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	23
						0.10	25
						0.20	23
						0.30	15
						0.40	11
						0.50	22
						0.60	20
						0.70	29
						0.80	25
	End of Probe at 0.90 m			79.05			
1.0							
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP41

SHEET Sheet 1 of 1

CO-ORDINATES 703,066.57 E
730,426.13 N

GROUND LEVEL (mOD) 79.67

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

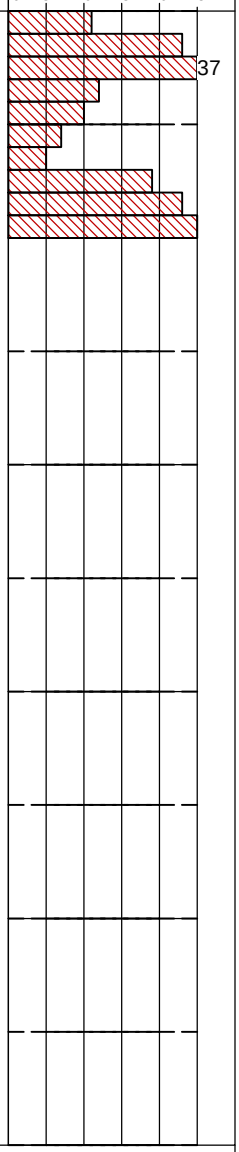
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	11
						0.10	23
						0.20	37
						0.30	12
						0.40	10
						0.50	7
						0.60	5
						0.70	19
						0.80	23
						0.90	25
1.0	End of Probe at 1.00 m			78.67			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP42
SHEET Sheet 1 of 1

CO-ORDINATES 703,094.39 E
730,401.33 N
GROUND LEVEL (mOD) 80.90

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

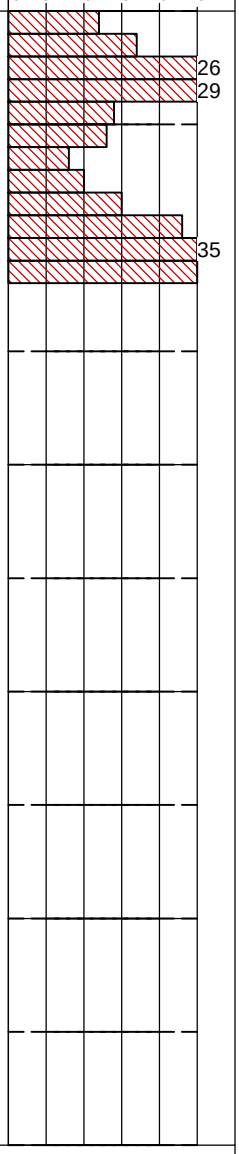
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	12
						0.10	17
						0.20	26
						0.30	29
						0.40	14
						0.50	13
						0.60	8
						0.70	10
						0.80	15
						0.90	23
1.0						1.00	35
						1.10	25
	End of Probe at 1.20 m			79.70			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP43
SHEET Sheet 1 of 1

CO-ORDINATES 703,057.10 E
730,392.77 N
GROUND LEVEL (mOD) 80.89

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

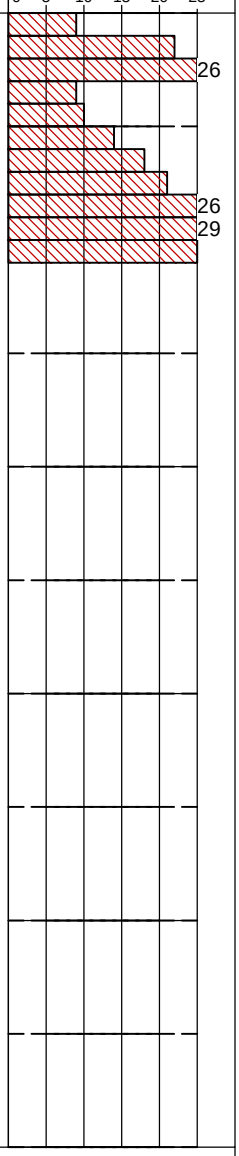
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	9
						0.10	22
						0.20	26
						0.30	9
						0.40	10
						0.50	14
						0.60	18
						0.70	21
						0.80	26
						0.90	29
1.0						1.00	25
	End of Probe at 1.10 m			79.79			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP44

SHEET Sheet 1 of 1

CO-ORDINATES 703,073.77 E
730,376.09 N

GROUND LEVEL (mOD) 81.25

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

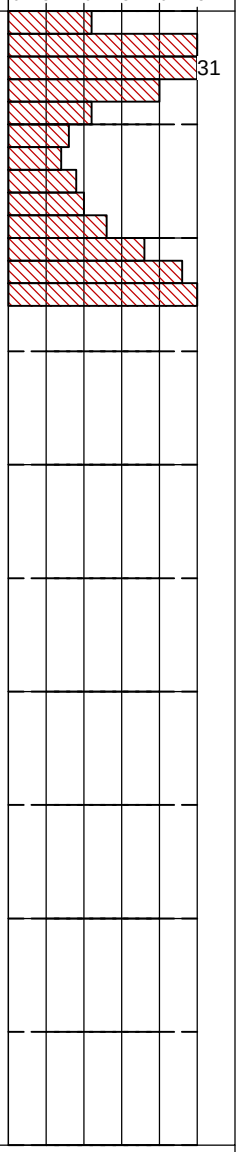
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	11
						0.10	25
						0.20	31
						0.30	20
						0.40	11
						0.50	8
						0.60	7
						0.70	9
						0.80	10
						0.90	13
1.0						1.00	18
						1.10	23
	End of Probe at 1.30 m			79.95		1.20	25
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP46**
SHEET Sheet 1 of 1

CO-ORDINATES 703,169.44 E
730,404.61 N
GROUND LEVEL (mOD) 81.47

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

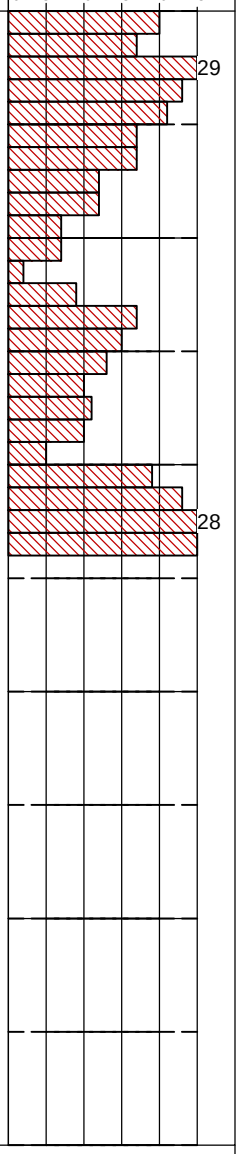
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	20
						0.10	17
						0.20	29
						0.30	23
						0.40	21
						0.50	17
						0.60	17
						0.70	12
						0.80	12
						0.90	7
1.0						1.00	7
						1.10	2
						1.20	9
						1.30	17
						1.40	15
						1.50	13
						1.60	10
						1.70	11
						1.80	10
						1.90	5
2.0						2.00	19
						2.10	23
						2.20	28
						2.30	25
	End of Probe at 2.40 m			79.07			
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP47
SHEET Sheet 1 of 1

CO-ORDINATES 703,143.86 E
730,390.72 N
GROUND LEVEL (mOD) 81.70

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	19
						0.10	37
						0.20	38
						0.30	20
						0.40	19
						0.50	12
						0.60	8
						0.70	9
						0.80	10
						0.90	12
1.0						1.00	18
	End of Probe at 1.20 m			80.50		1.10	25
2.0							
3.0							
4.0							

Graphic Probe Record

0 5 10 15 20 25

37
38

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP48**

SHEET Sheet 1 of 1

CO-ORDINATES 703,125.78 E
730,355.65 N

GROUND LEVEL (mOD) 81.94

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

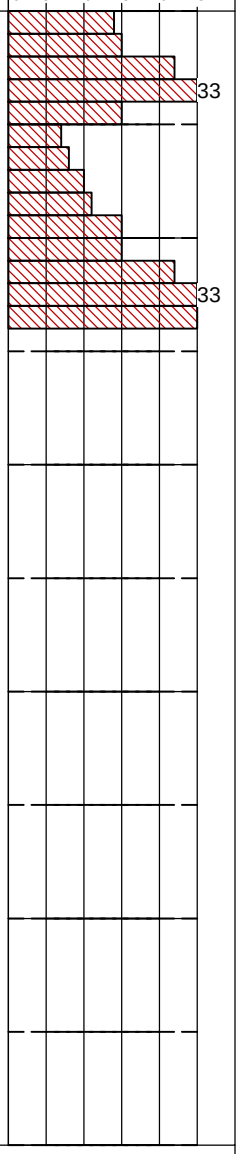
INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	14
						0.10	15
						0.20	22
						0.30	33
						0.40	15
						0.50	7
						0.60	8
						0.70	10
						0.80	11
						0.90	15
1.0						1.00	15
						1.10	22
						1.20	33
						1.30	25
	End of Probe at 1.40 m			80.54			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP49**

SHEET Sheet 1 of 1

CO-ORDINATES 703,111.64 E
730,328.95 N

GROUND LEVEL (mOD) 82.54

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

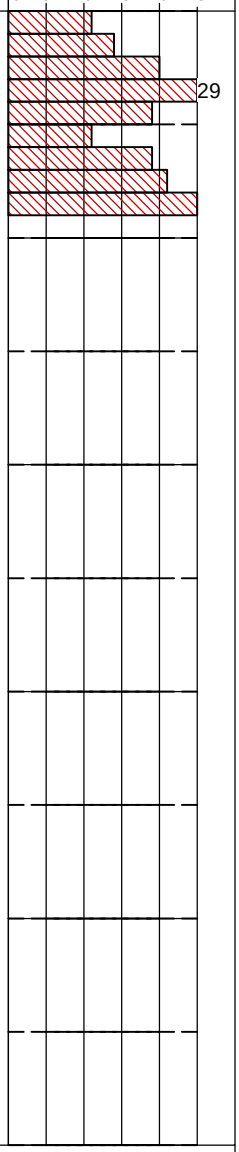
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	11
						0.10	14
						0.20	20
						0.30	29
						0.40	19
						0.50	11
						0.60	19
						0.70	21
						0.80	25
	End of Probe at 0.90 m			81.64			
1.0							
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP52
SHEET Sheet 1 of 1

CO-ORDINATES 703,251.15 E
730,358.70 N
GROUND LEVEL (mOD) 81.62

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	12
						0.10	11
						0.20	16
						0.30	8
						0.40	5
						0.50	7
						0.60	7
						0.70	6
						0.80	3
						0.90	5
1.0						1.00	4
						1.10	6
						1.20	8
						1.30	12
						1.40	20
						1.50	25
	End of Probe at 1.60 m			80.02			
2.0							
3.0							
4.0							

Graphic Probe Record

0 5 10 15 20 25

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP53**
SHEET Sheet 1 of 1

CO-ORDINATES 703,285.15 E
730,326.87 N
GROUND LEVEL (mOD) 81.30

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

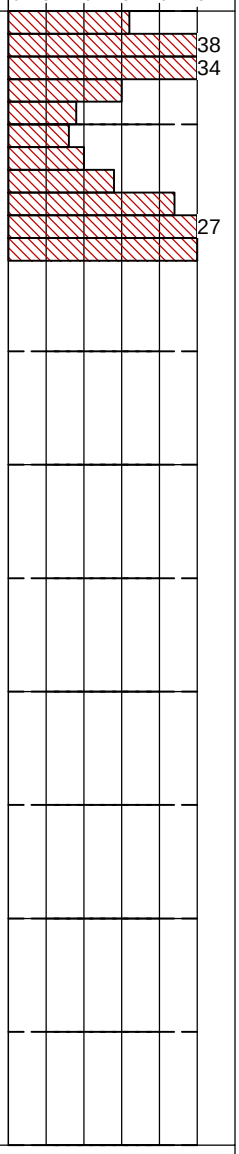
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	16
						0.10	38
						0.20	34
						0.30	15
						0.40	9
						0.50	8
						0.60	10
						0.70	14
						0.80	22
						0.90	27
1.0						1.00	25
	End of Probe at 1.10 m			80.20			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP54**

SHEET Sheet 1 of 1

CO-ORDINATES 703,311.84 E
730,321.89 N

GROUND LEVEL (mOD) 80.97

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	35
						0.10	34
						0.20	37
						0.30	36
						0.40	8
						0.50	5
						0.60	5
						0.70	6
						0.80	7
						0.90	5
1.0						1.00	6
						1.10	7
						1.20	6
						1.30	8
						1.40	5
						1.50	4
						1.60	3
						1.70	5
						1.80	4
						1.90	5
2.0						2.00	6
						2.10	7
						2.20	25
	End of Probe at 2.30 m			78.67			
3.0							
4.0							

Graphic Probe Record

0 5 10 15 20 25

35
34
37
36

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP55

SHEET Sheet 1 of 1

CO-ORDINATES 703,213.49 E
730,335.21 N

GROUND LEVEL (mOD) 81.97

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

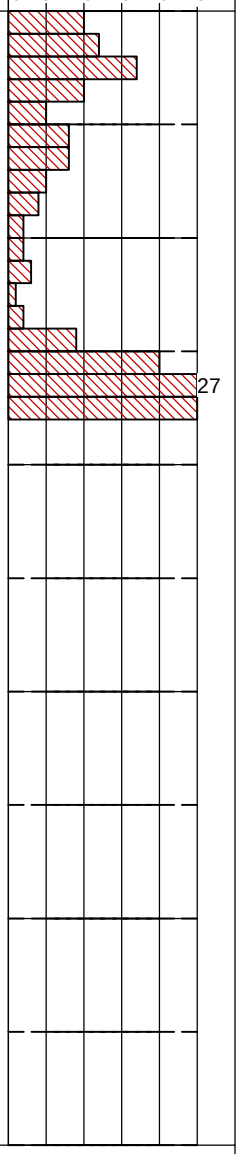
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	10
						0.10	12
						0.20	17
						0.30	10
						0.40	5
						0.50	8
						0.60	8
						0.70	5
						0.80	4
						0.90	2
1.0						1.00	2
						1.10	3
						1.20	1
						1.30	2
						1.40	9
						1.50	20
						1.60	27
						1.70	25
	End of Probe at 1.80 m			80.17			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP56**

SHEET Sheet 1 of 1

CO-ORDINATES 703,241.33 E
730,329.17 N

GROUND LEVEL (mOD) 81.79

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

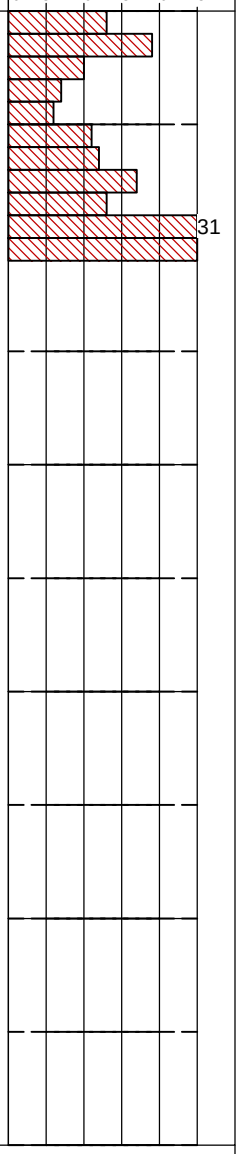
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	13
						0.10	19
						0.20	10
						0.30	7
						0.40	6
						0.50	11
						0.60	12
						0.70	17
						0.80	13
						0.90	31
1.0						1.00	25
	End of Probe at 1.10 m			80.69			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP57**

SHEET Sheet 1 of 1

CO-ORDINATES 703,273.51 E
730,314.97 N

GROUND LEVEL (mOD) 81.57

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	19
						0.10	14
						0.20	12
						0.30	8
						0.40	4
						0.50	4
						0.60	4
						0.70	16
						0.80	35
						0.90	25
1.0	End of Probe at 1.00 m			80.57			
2.0							
3.0							
4.0							

Graphic Probe Record

0 5 10 15 20 25

35

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP58**

SHEET Sheet 1 of 1

CO-ORDINATES 703,301.28 E
730,298.05 N

GROUND LEVEL (mOD) 81.79

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	24
						0.10	20
						0.20	12
						0.30	11
						0.40	19
						0.50	12
						0.60	19
						0.70	16
						0.80	10
						0.90	13
1.0						1.00	19
						1.10	22
						1.20	23
						1.30	25
	End of Probe at 1.40 m			80.39			
2.0							
3.0							
4.0							

Graphic Probe Record

0 5 10 15 20 25

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP59**
SHEET Sheet 1 of 1

CO-ORDINATES 703,198.85 E
730,319.79 N
GROUND LEVEL (mOD) 82.16

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

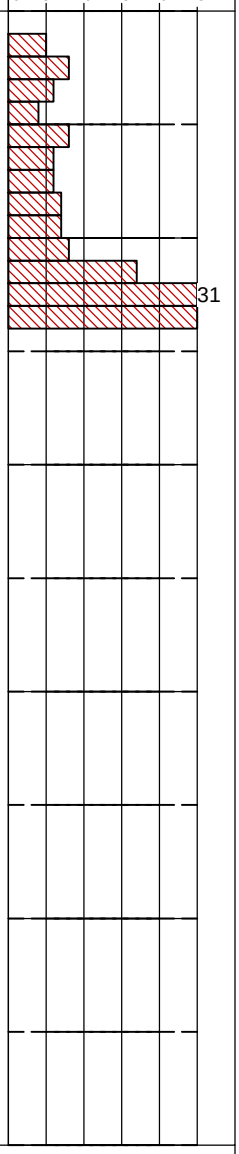
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	5
						0.20	8
						0.30	6
						0.40	4
						0.50	8
						0.60	6
						0.70	6
						0.80	7
						0.90	7
1.0						1.00	8
						1.10	17
						1.20	31
						1.30	25
	End of Probe at 1.40 m			80.76			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP60**
SHEET Sheet 1 of 1

CO-ORDINATES 703,231.58 E
730,312.52 N
GROUND LEVEL (mOD) 81.90

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

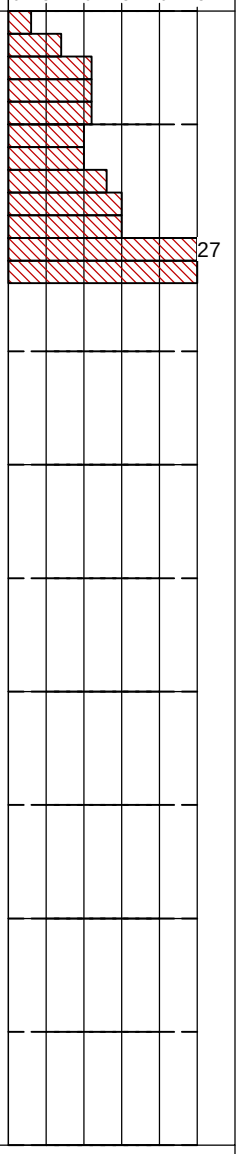
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	3
						0.10	7
						0.20	11
						0.30	11
						0.40	11
						0.50	10
						0.60	10
						0.70	13
						0.80	15
						0.90	15
1.0						1.00	27
						1.10	25
	End of Probe at 1.20 m			80.70			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP61**

SHEET Sheet 1 of 1

CO-ORDINATES 703,260.90 E
730,287.72 N

GROUND LEVEL (mOD) 82.17

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

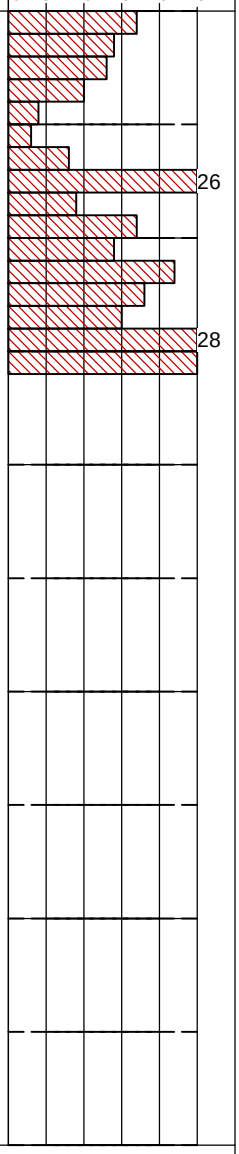
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	17
						0.10	14
						0.20	13
						0.30	10
						0.40	4
						0.50	3
						0.60	8
						0.70	26
						0.80	9
						0.90	17
1.0						1.00	14
						1.10	22
						1.20	18
						1.30	15
						1.40	28
						1.50	25
	End of Probe at 1.60 m			80.57			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP63**
SHEET Sheet 1 of 1

CO-ORDINATES 703,193.48 E
730,290.10 N
GROUND LEVEL (mOD) 83.05

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

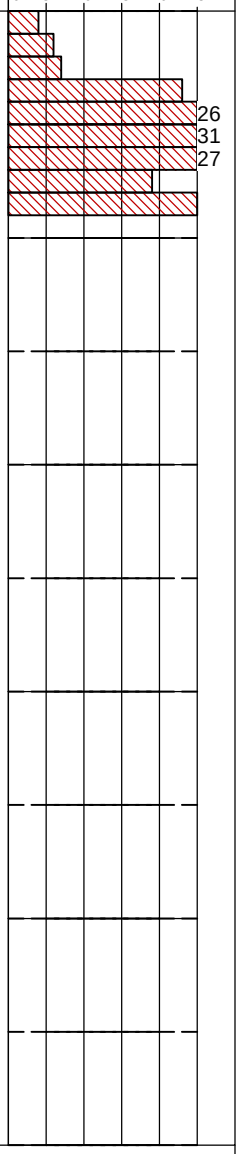
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	4
						0.10	6
						0.20	7
						0.30	23
						0.40	26
						0.50	31
						0.60	27
						0.70	19
						0.80	25
1.0	End of Probe at 0.90 m			82.15			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP64
SHEET Sheet 1 of 1

CO-ORDINATES 703,209.08 E
730,285.74 N
GROUND LEVEL (mOD) 82.73

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

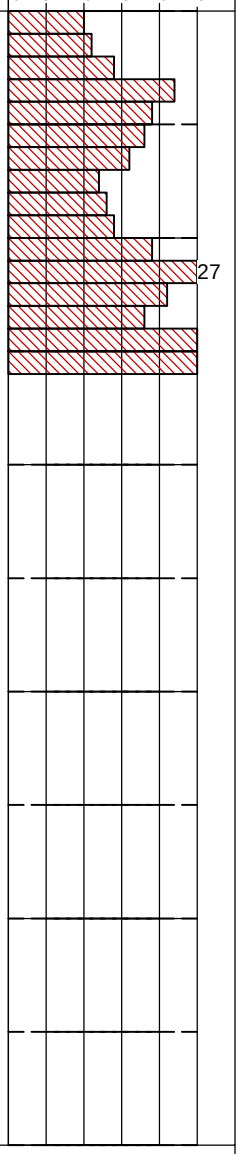
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	10
						0.10	11
						0.20	14
						0.30	22
						0.40	19
						0.50	18
						0.60	16
						0.70	12
						0.80	13
						0.90	14
1.0						1.00	19
						1.10	27
						1.20	21
						1.30	18
						1.40	25
						1.50	25
	End of Probe at 1.60 m			81.13			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP65**

SHEET Sheet 1 of 1

CO-ORDINATES 703,251.11 E
730,260.36 N

GROUND LEVEL (mOD) 82.52

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)	Graphic Probe Record (0 5 10 15 20 25)
0.0	.					0.00	1	
						0.10	3	
						0.20	3	
						0.30	5	
						0.40	9	
						0.50	30	30
	End of Probe at 0.70 m			81.82		0.60	25	
1.0								
2.0								
3.0								
4.0								

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP65A**

SHEET Sheet 1 of 1

CO-ORDINATES

GROUND LEVEL (mOD)

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

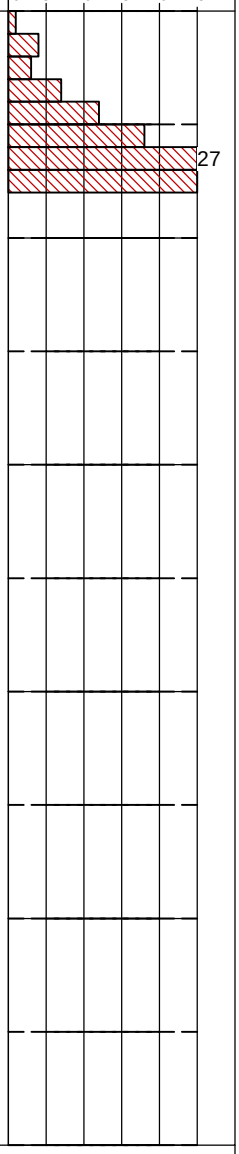
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	4
						0.20	3
						0.30	7
						0.40	12
						0.50	18
						0.60	27
						0.70	25
	End of Probe at 0.80 m						
1.0							
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP66**

SHEET Sheet 1 of 1

CO-ORDINATES 703,275.99 E
730,249.30 N

GROUND LEVEL (mOD) 82.31

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

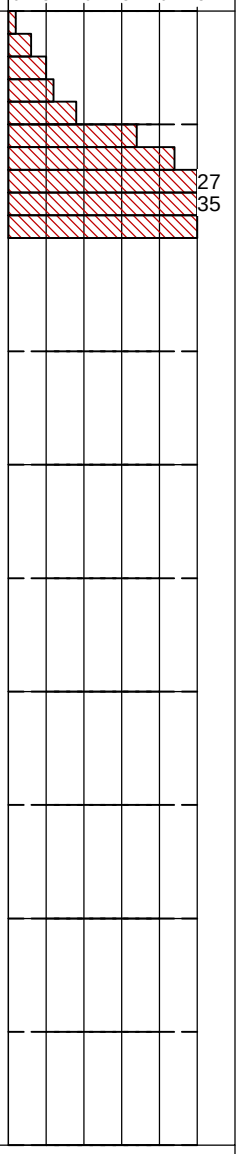
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	3
						0.20	5
						0.30	6
						0.40	9
						0.50	17
						0.60	22
						0.70	27
						0.80	35
						0.90	25
1.0	End of Probe at 1.00 m			81.31			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP68**
SHEET Sheet 1 of 1

CO-ORDINATES 703,187.02 E
730,253.39 N
GROUND LEVEL (mOD) 82.59

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

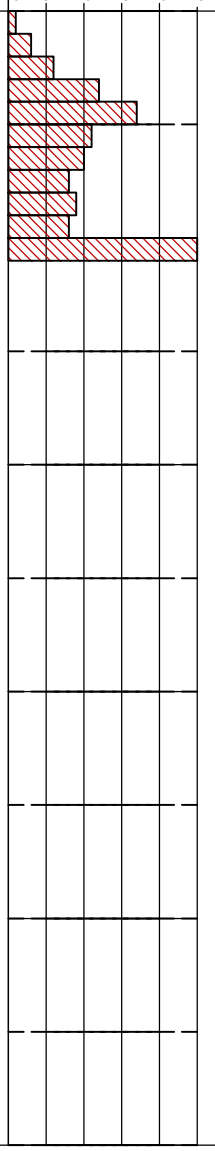
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	3
						0.20	6
						0.30	12
						0.40	17
						0.50	11
						0.60	10
						0.70	8
						0.80	9
						0.90	8
1.0	End of Probe at 1.10 m			81.49		1.00	25
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP69**

SHEET Sheet 1 of 1

CO-ORDINATES 703,237.59 E
730,238.77 N

GROUND LEVEL (mOD) 82.21

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

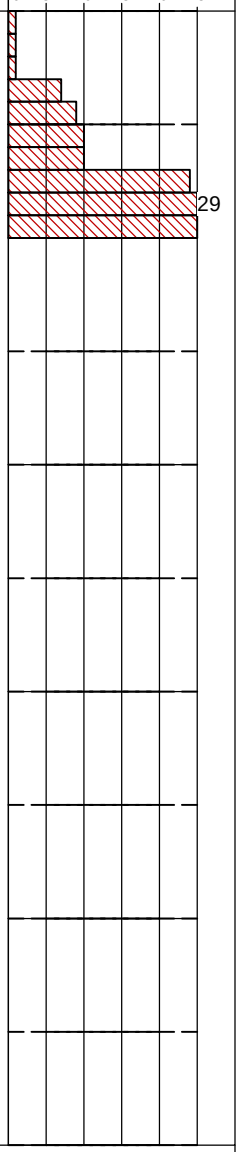
INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	1
						0.20	1
						0.30	7
						0.40	9
						0.50	10
						0.60	10
						0.70	24
						0.80	29
						0.90	25
1.0	End of Probe at 1.00 m			81.21			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP70**
SHEET Sheet 1 of 1

CO-ORDINATES 703,265.03 E
730,224.97 N
GROUND LEVEL (mOD) 82.05

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

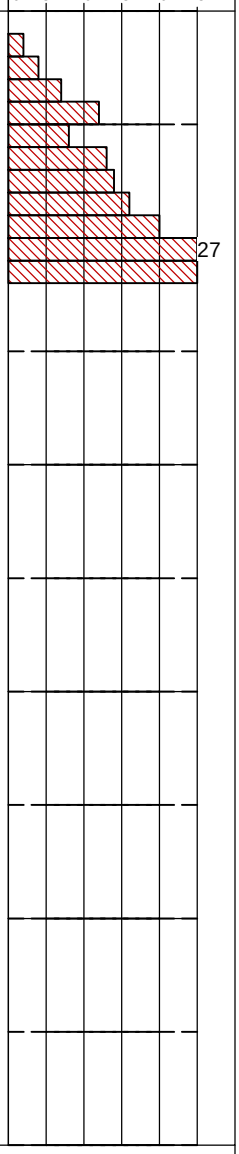
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	2
						0.20	4
						0.30	7
						0.40	12
						0.50	8
						0.60	13
						0.70	14
						0.80	16
						0.90	20
1.0						1.00	27
	End of Probe at 1.20 m			80.85		1.10	25
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP71
SHEET Sheet 1 of 1

CO-ORDINATES 703,367.59 E
730,330.58 N
GROUND LEVEL (mOD) 79.49

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	6
						0.10	9
						0.20	7
						0.30	6
						0.40	4
						0.50	1
						0.60	6
						0.70	5
						0.80	2
						0.90	1
1.0						1.00	1
						1.10	0
						1.20	0
						1.30	0
						1.40	1
						1.50	0
						1.60	1
						1.70	0
						1.80	0
						1.90	0
2.0						2.00	11
						2.10	25
	End of Probe at 2.20 m			77.29			
3.0							
4.0							

Graphic Probe Record: 0 5 10 15 20 25

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP73
SHEET Sheet 1 of 1

CO-ORDINATES 703,329.60 E
730,271.70 N
GROUND LEVEL (mOD) 80.91

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	12
						0.10	23
						0.20	12
						0.30	11
						0.40	3
						0.50	2
						0.60	1
						0.70	1
						0.80	3
						0.90	4
1.0						1.00	1
						1.10	2
						1.20	3
						1.30	4
						1.40	6
						1.50	19
	End of Probe at 1.70 m			79.21		1.60	25
2.0							
3.0							
4.0							

Graphic Probe Record

0 5 10 15 20 25

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP74
SHEET Sheet 1 of 1

CO-ORDINATES 703,303.35 E
730,222.50 N
GROUND LEVEL (mOD) 81.26

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

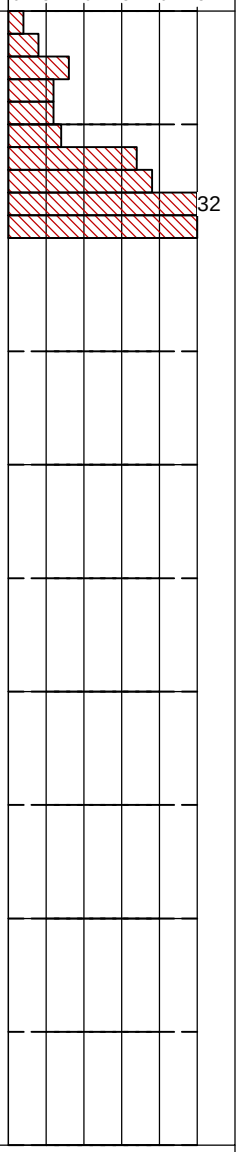
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	2
						0.10	4
						0.20	8
						0.30	6
						0.40	6
						0.50	7
						0.60	17
						0.70	19
						0.80	32
						0.90	25
1.0	End of Probe at 1.00 m			80.26			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP75
SHEET Sheet 1 of 1

CO-ORDINATES 703,428.23 E
730,302.34 N
GROUND LEVEL (mOD) 78.08

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

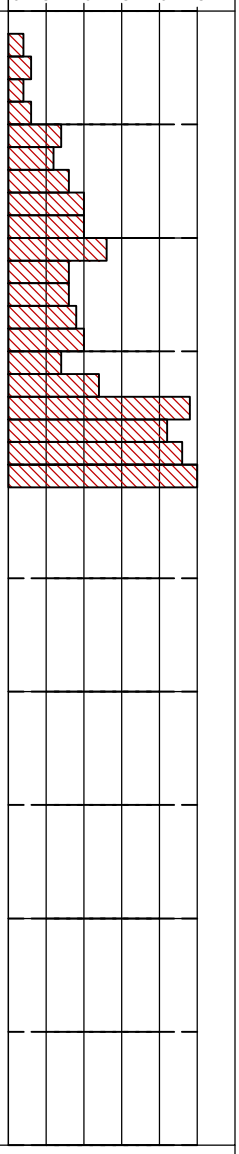
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	2
						0.20	3
						0.30	2
						0.40	3
						0.50	7
						0.60	6
						0.70	8
						0.80	10
						0.90	10
1.0						1.00	13
						1.10	8
						1.20	8
						1.30	9
						1.40	10
						1.50	7
						1.60	12
						1.70	24
						1.80	21
						1.90	23
2.0						2.00	25
	End of Probe at 2.10 m			75.98			
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP76
SHEET Sheet 1 of 1

CO-ORDINATES 703,405.01 E
730,255.00 N
GROUND LEVEL (mOD) 78.76

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

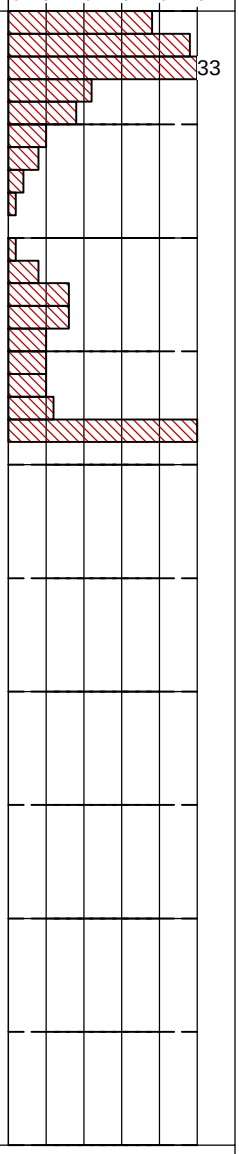
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	19
						0.10	24
						0.20	33
						0.30	11
						0.40	9
						0.50	5
						0.60	4
						0.70	2
						0.80	1
						0.90	0
1.0						1.00	1
						1.10	4
						1.20	8
						1.30	8
						1.40	5
						1.50	5
						1.60	5
						1.70	6
						1.80	25
	End of Probe at 1.90 m			76.86			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP77
SHEET Sheet 1 of 1

CO-ORDINATES 703,380.42 E
730,205.20 N
GROUND LEVEL (mOD) 79.31

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

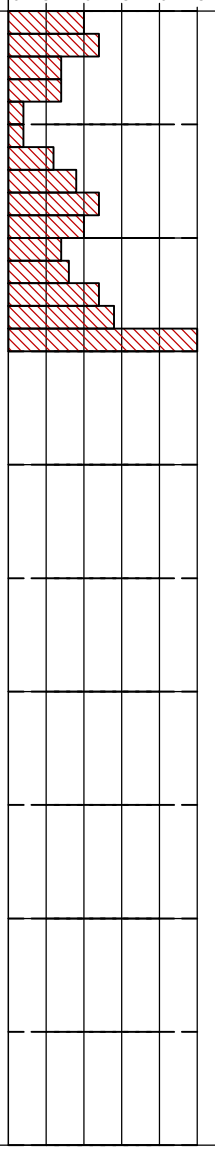
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	10
						0.10	12
						0.20	7
						0.30	7
						0.40	2
						0.50	2
						0.60	6
						0.70	9
						0.80	12
						0.90	10
1.0						1.00	7
						1.10	8
						1.20	12
						1.30	14
						1.40	25
	End of Probe at 1.50 m			77.81			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP78
SHEET Sheet 1 of 1

CO-ORDINATES 703,345.19 E
730,168.02 N
GROUND LEVEL (mOD) 80.09

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	17
						0.10	5
						0.20	12
						0.30	11
						0.40	14
						0.50	10
						0.60	10
						0.70	12
						0.80	8
						0.90	9
1.0						1.00	19
						1.10	10
						1.20	13
						1.30	13
						1.40	10
						1.50	7
						1.60	14
						1.70	25
	End of Probe at 1.80 m			78.29			
2.0							
3.0							
4.0							

Graphic Probe Record: 0 5 10 15 20 25

GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP79
SHEET Sheet 1 of 1

CO-ORDINATES 703,460.66 E
730,297.40 N
GROUND LEVEL (mOD) 77.70

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

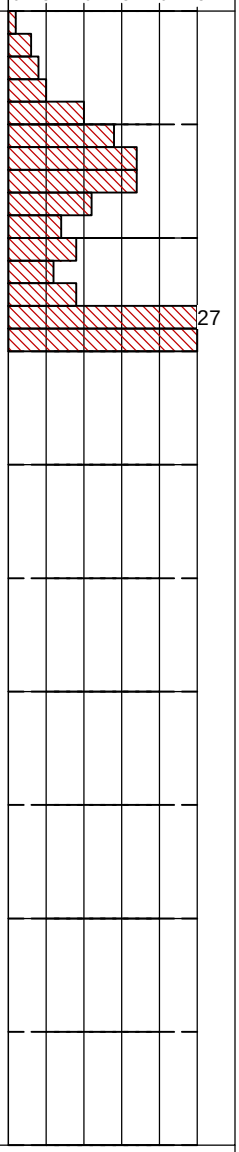
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	3
						0.20	4
						0.30	5
						0.40	10
						0.50	14
						0.60	17
						0.70	17
						0.80	11
						0.90	7
1.0						1.00	9
						1.10	6
						1.20	9
						1.30	27
						1.40	25
	End of Probe at 1.50 m			76.20			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP80**
SHEET Sheet 1 of 1

CO-ORDINATES 703,433.24 E
730,243.53 N
GROUND LEVEL (mOD) 78.57

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

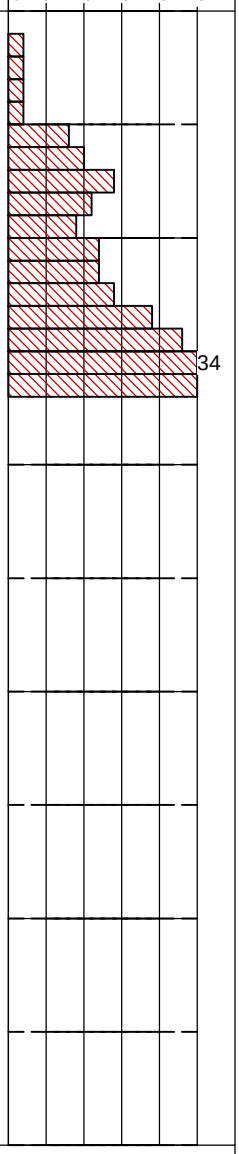
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	2
						0.20	2
						0.30	2
						0.40	2
						0.50	8
						0.60	10
						0.70	14
						0.80	11
						0.90	9
1.0						1.00	12
						1.10	12
						1.20	14
						1.30	19
						1.40	23
						1.50	34
						1.60	25
	End of Probe at 1.70 m			76.87			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP81**

SHEET Sheet 1 of 1

CO-ORDINATES 703,405.74 E
730,201.36 N

GROUND LEVEL (mOD) 79.11

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

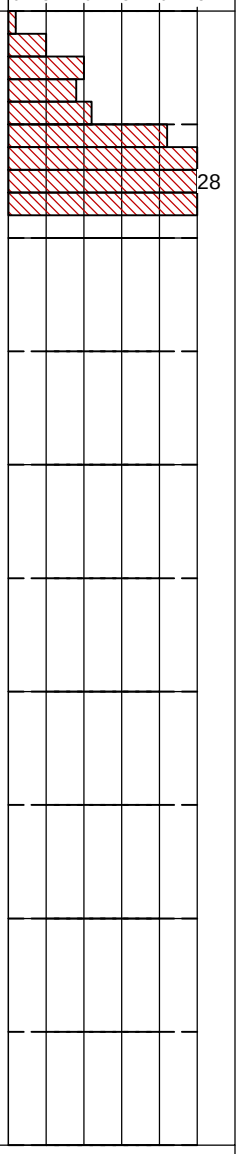
INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	5
						0.20	10
						0.30	9
						0.40	11
						0.50	21
						0.60	25
						0.70	28
						0.80	25
	End of Probe at 0.90 m			78.21			
1.0							
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP82**

SHEET Sheet 1 of 1

CO-ORDINATES 703,384.06 E
730,162.70 N

GROUND LEVEL (mOD) 79.90

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

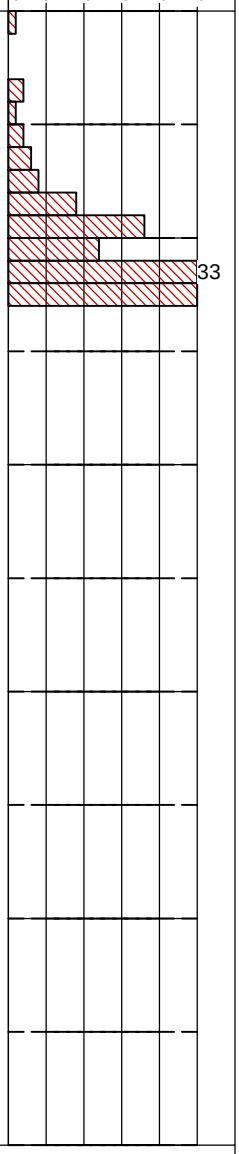
INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	0
						0.20	0
						0.30	2
						0.40	1
						0.50	2
						0.60	3
						0.70	4
						0.80	9
						0.90	18
1.0						1.00	12
						1.10	33
						1.20	25
	End of Probe at 1.30 m			78.60			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP83**
SHEET Sheet 1 of 1

CO-ORDINATES 703,486.12 E
730,282.25 N
GROUND LEVEL (mOD) 78.29

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

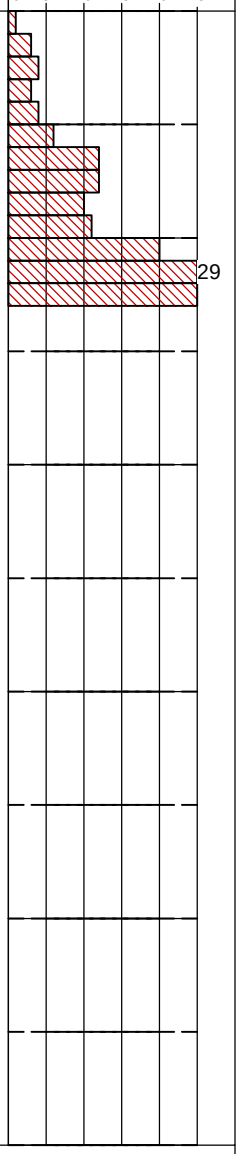
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	3
						0.20	4
						0.30	3
						0.40	4
						0.50	6
						0.60	12
						0.70	12
						0.80	10
						0.90	11
1.0						1.00	20
						1.10	29
						1.20	25
	End of Probe at 1.30 m			76.99			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP85**

SHEET Sheet 1 of 1

CO-ORDINATES 703,525.67 E
730,263.13 N

GROUND LEVEL (mOD) 79.01

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

CLIENT

ENGINEER PM

HAMMER MASS (kg) 50

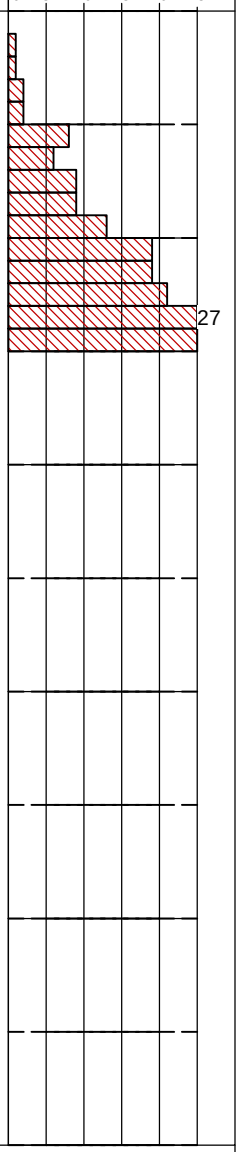
INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	1
						0.20	1
						0.30	2
						0.40	2
						0.50	8
						0.60	6
						0.70	9
						0.80	9
						0.90	13
1.0						1.00	19
						1.10	19
						1.20	21
						1.30	27
						1.40	25
	End of Probe at 1.50 m			77.51			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP87**
SHEET Sheet 1 of 1

CO-ORDINATES 703,512.54 E
730,237.68 N
GROUND LEVEL (mOD) 79.13

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

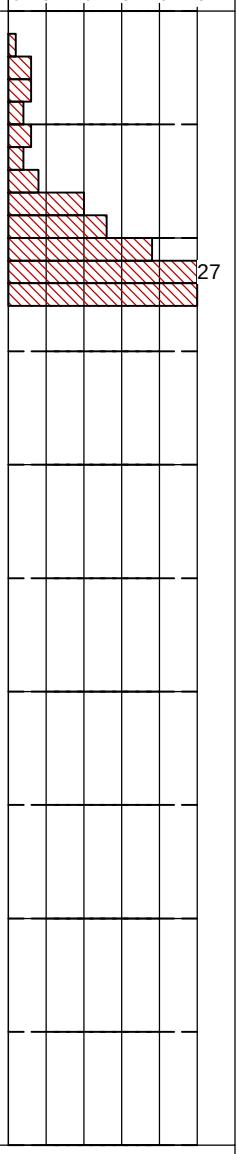
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	1
						0.20	3
						0.30	3
						0.40	2
						0.50	3
						0.60	2
						0.70	4
						0.80	10
						0.90	13
1.0						1.00	19
						1.10	27
						1.20	25
	End of Probe at 1.30 m			77.83			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP89**
SHEET Sheet 1 of 1

CO-ORDINATES 703,464.19 E
730,234.28 N
GROUND LEVEL (mOD) 79.45

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

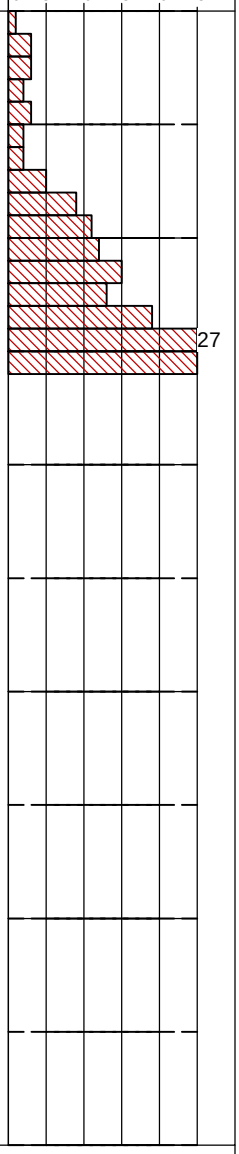
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	3
						0.20	3
						0.30	2
						0.40	3
						0.50	2
						0.60	2
						0.70	5
						0.80	9
						0.90	11
1.0						1.00	12
						1.10	15
						1.20	13
						1.30	19
						1.40	27
						1.50	25
	End of Probe at 1.60 m			77.85			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. DP91
SHEET Sheet 1 of 1

CO-ORDINATES 703,535.78 E
730,193.19 N
GROUND LEVEL (mOD) 79.01

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	1
						0.10	0
						0.20	1
						0.30	3
						0.40	2
						0.50	2
						0.60	2
						0.70	2
						0.80	2
						0.90	6
1.0						1.00	8
						1.10	8
						1.20	11
						1.30	12
						1.40	10
						1.50	10
						1.60	10
						1.70	9
						1.80	12
						1.90	13
2.0						2.00	16
						2.10	15
						2.20	18
						2.30	24
						2.40	25
	End of Probe at 2.50 m			76.51			
3.0							
4.0							

Graphic Probe Record: 0 5 10 15 20 25

GROUNDWATER OBSERVATIONS

REMARKS

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP93**
SHEET Sheet 1 of 1

CO-ORDINATES 703,488.81 E
730,192.20 N
GROUND LEVEL (mOD) 80.07

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

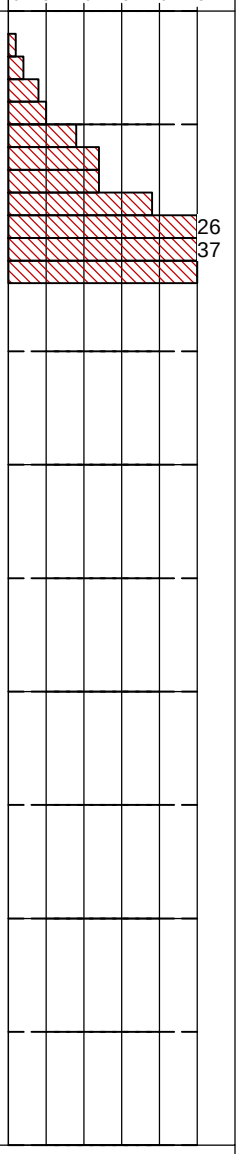
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	1
						0.20	2
						0.30	4
						0.40	5
						0.50	9
						0.60	12
						0.70	12
						0.80	19
						0.90	26
1.0						1.00	37
	End of Probe at 1.20 m			78.87		1.10	25
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP95**

SHEET Sheet 1 of 1

CO-ORDINATES 703,440.69 E
730,189.18 N

GROUND LEVEL (mOD) 80.09

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

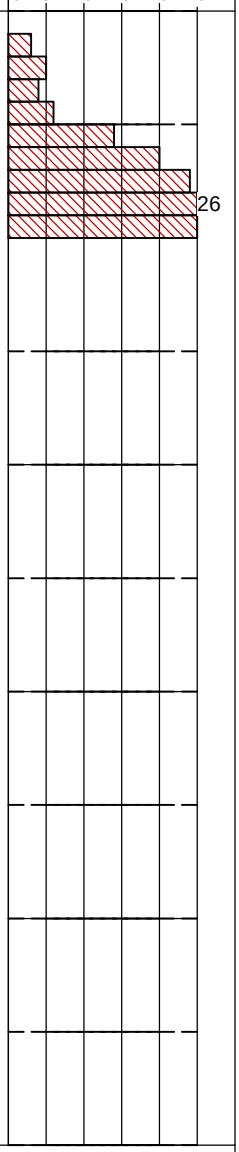
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	3
						0.20	5
						0.30	4
						0.40	6
						0.50	14
						0.60	20
						0.70	24
						0.80	26
						0.90	25
1.0	End of Probe at 1.00 m			79.09			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP97**

SHEET Sheet 1 of 1

CO-ORDINATES 703,511.04 E
730,147.47 N

GROUND LEVEL (mOD) 81.35

DATE DRILLED 05/09/2019

DATE LOGGED 01/10/2019

HAMMER MASS (kg) 50

INCREMENT SIZE (mm) 100

FALL HEIGHT (mm) 500

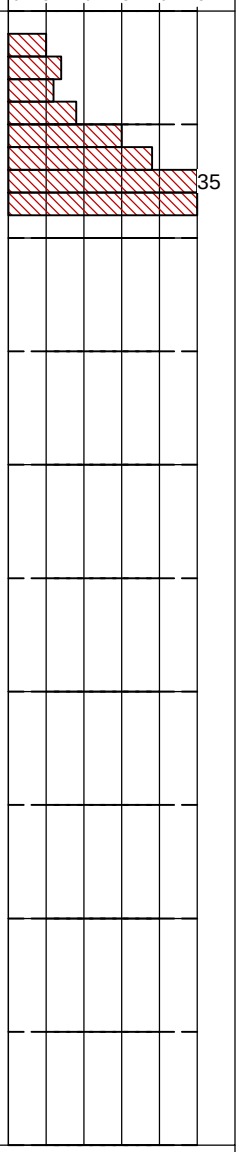
CLIENT

ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	5
						0.20	7
						0.30	6
						0.40	9
						0.50	15
						0.60	19
						0.70	35
						0.80	25
	End of Probe at 0.90 m			80.45			
1.0							
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

DYNAMIC PROBE RECORD

REPORT NUMBER 22000

CONTRACT PPK3 Profile Park

PROBE NO. **DP99**
SHEET Sheet 1 of 1

CO-ORDINATES 703,463.44 E
730,149.26 N
GROUND LEVEL (mOD) 80.79

HAMMER MASS (kg) 50
INCREMENT SIZE (mm) 100
FALL HEIGHT (mm) 500

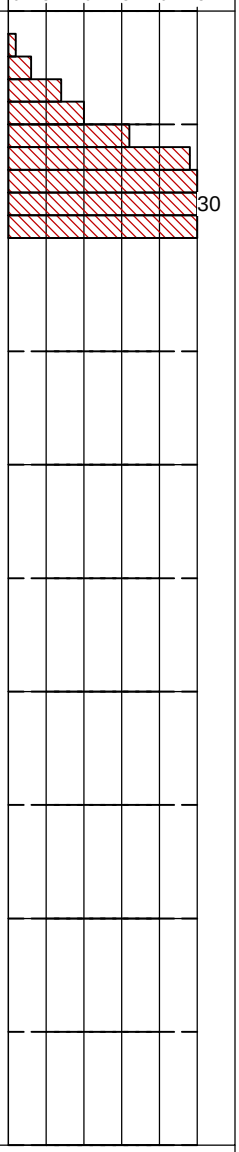
DATE DRILLED 05/09/2019
DATE LOGGED 01/10/2019

CLIENT
ENGINEER PM

PROBE TYPE DPH

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation (mOD)	Water	Depth (m)	Probe Readings (Blows/Increment)
0.0	.					0.00	0
						0.10	1
						0.20	3
						0.30	7
						0.40	10
						0.50	16
						0.60	24
						0.70	25
						0.80	30
						0.90	25
1.0	End of Probe at 1.00 m			79.79			
2.0							
3.0							
4.0							

Graphic Probe Record



GROUNDWATER OBSERVATIONS

REMARKS

IGSL DP LOG 100MM INCREMENTS 22000B.GPJ IGSL.GDT 3/10/19

Appendix 4

Plate Load Test Records

PLATE TEST REPORT SHEET (F3.1)

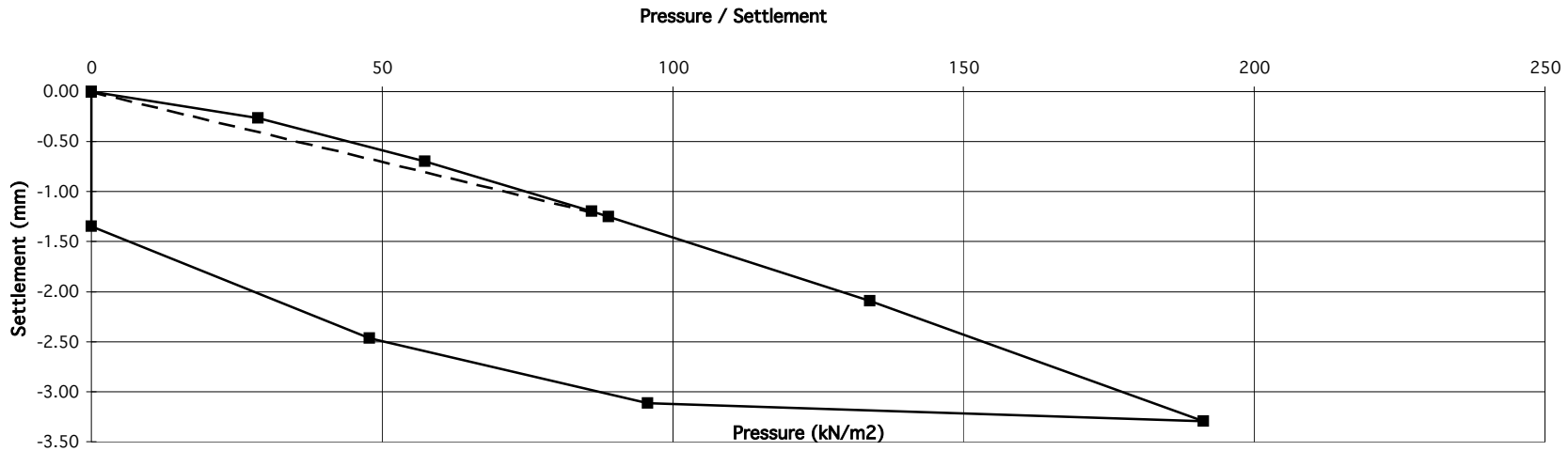
Applied Pressure/Settlement Curve

Reference No.	R105274
Contract	PPK3
Test No.	PBT 2 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Greyish brown gravelly silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 71
Modulus of subgrade reaction = 46 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 7.3 %

PLATE TEST REPORT SHEET (F3.1)

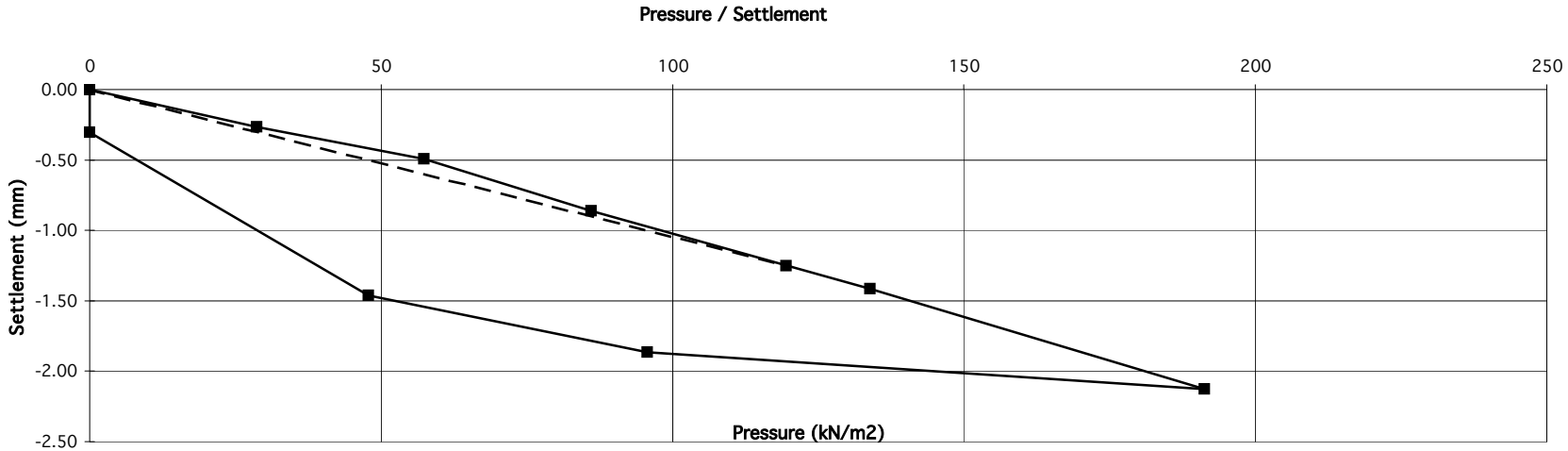
Applied Pressure/Settlement Curve

Reference No.	R105274
Contract	PPK3
Test No.	PBT 2 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Greyish brown gravelly silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 96
Modulus of subgrade reaction = 61 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 12.1 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105283
Contract	PPK3
Test No.	PBT 4 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

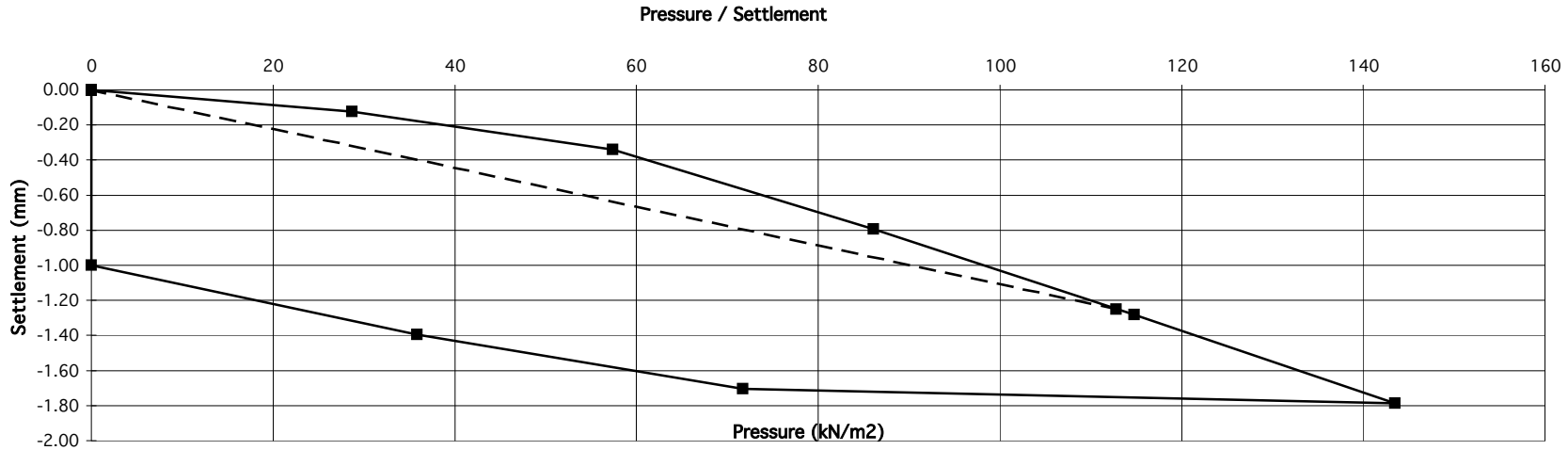
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 90

Modulus of subgrade reaction = 58 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 11.0 %

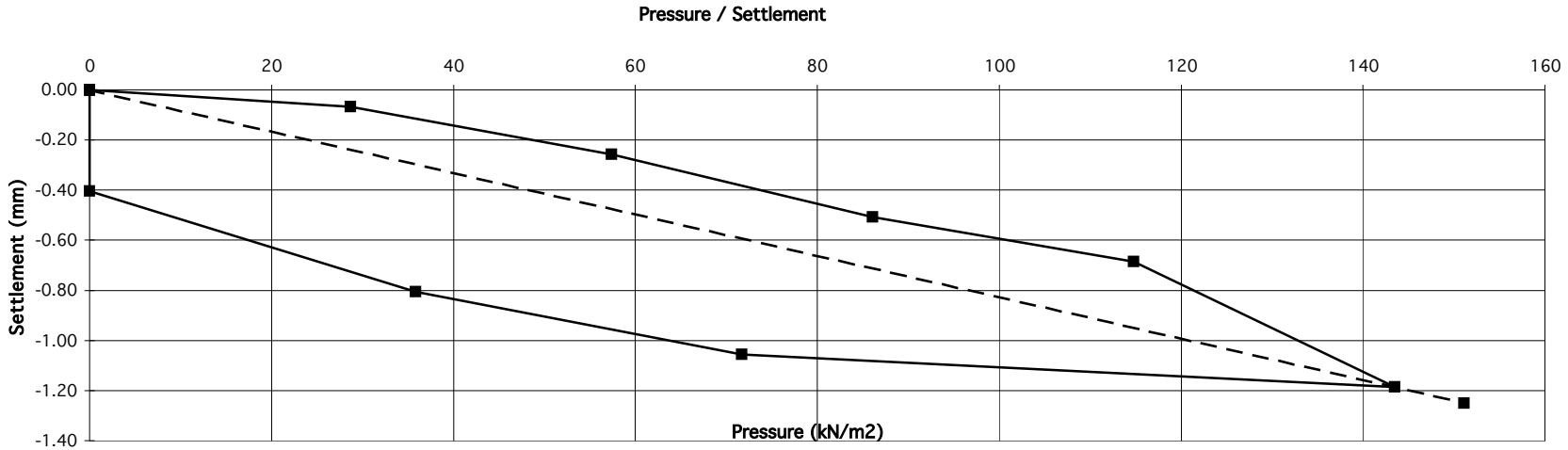
PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105283
Contract	PPK3
Test No.	PBT 4 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test (natural soil, placed fill, sub-base): Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)
Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 121
Modulus of subgrade reaction = 78 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 18.2 %

PLATE TEST REPORT SHEET (F3.1)

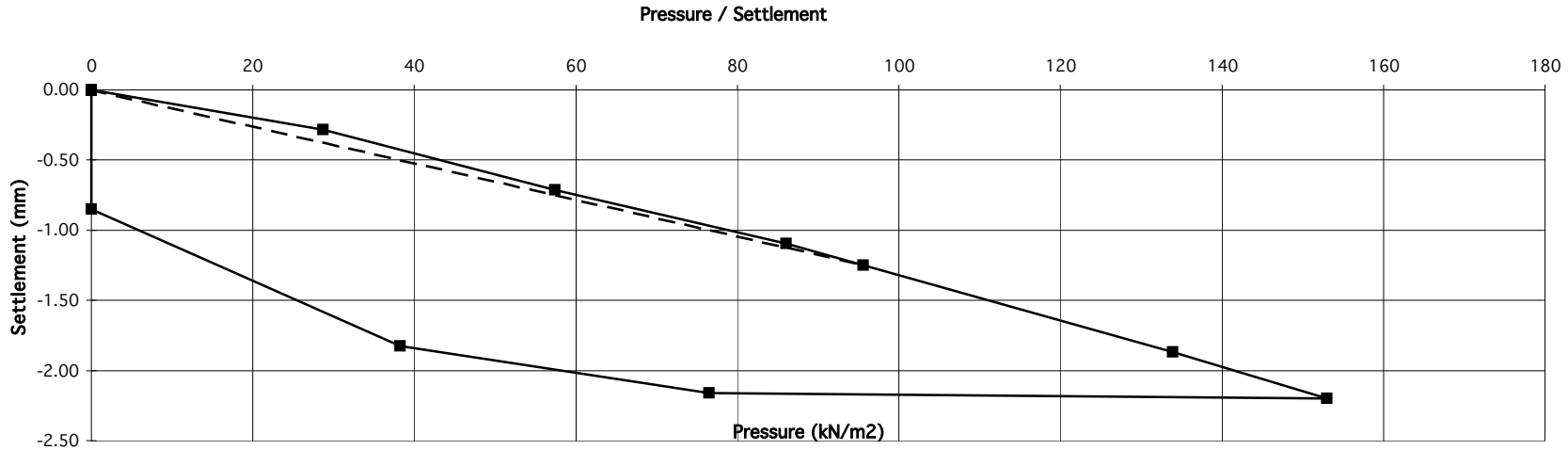
Applied Pressure/Settlement Curve

Reference No.	R105276
Contract	PPK3
Test No.	PBT 6 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test (natural soil, placed fill, sub-base)
Greyish brown gravelly silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 76
Modulus of subgrade reaction = 49 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 8.2 %

PLATE TEST REPORT SHEET (F3.1)

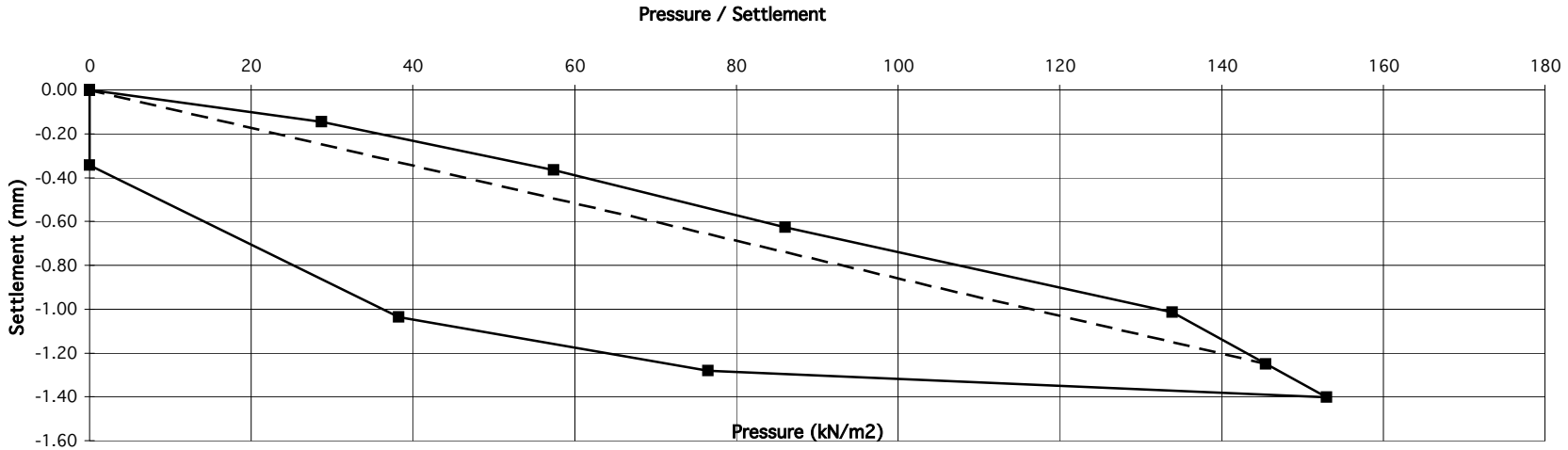
Applied Pressure/Settlement Curve

Reference No.	R105276
Contract	PPK3
Test No.	PBT 6 ReLoad
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Greyish brown gravelly silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 116
Modulus of subgrade reaction = 75 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 17.1 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105280
Contract	PPK3
Test No.	PBT 8 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty CLAY

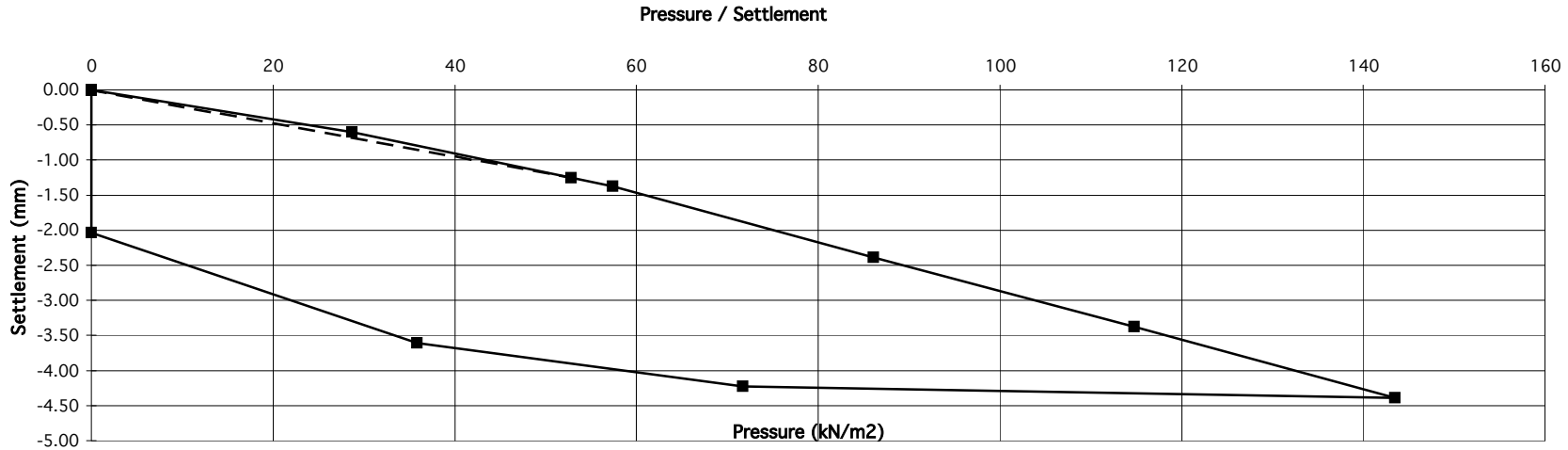
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 42

Modulus of subgrade reaction = 27 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 2.9 %

PLATE TEST REPORT SHEET (F3.1)

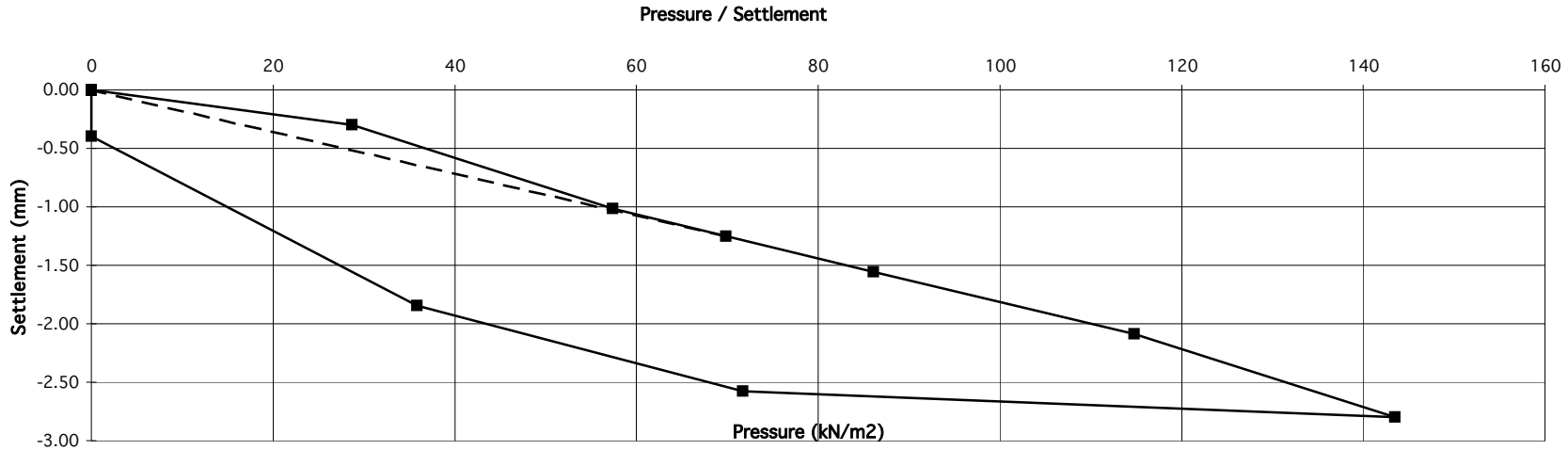
Applied Pressure/Settlement Curve

Reference No.	R105280
Contract	PPK3
Test No.	PBT 8 ReLoad
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty CLAY

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 56
Modulus of subgrade reaction = 36 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 4.8 %

PLATE TEST REPORT SHEET (F3.1)

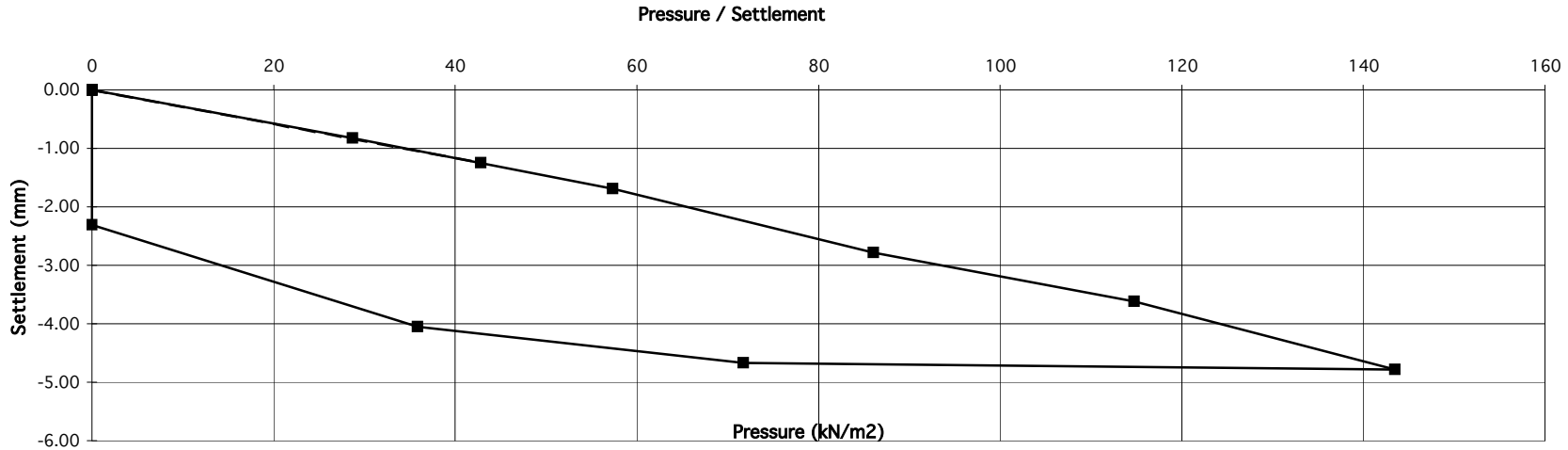
Applied Pressure/Settlement Curve

Reference No.	R105277
Contract	PPK3
Test No.	PBT 10 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 34
Modulus of subgrade reaction = 22 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 2.0 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

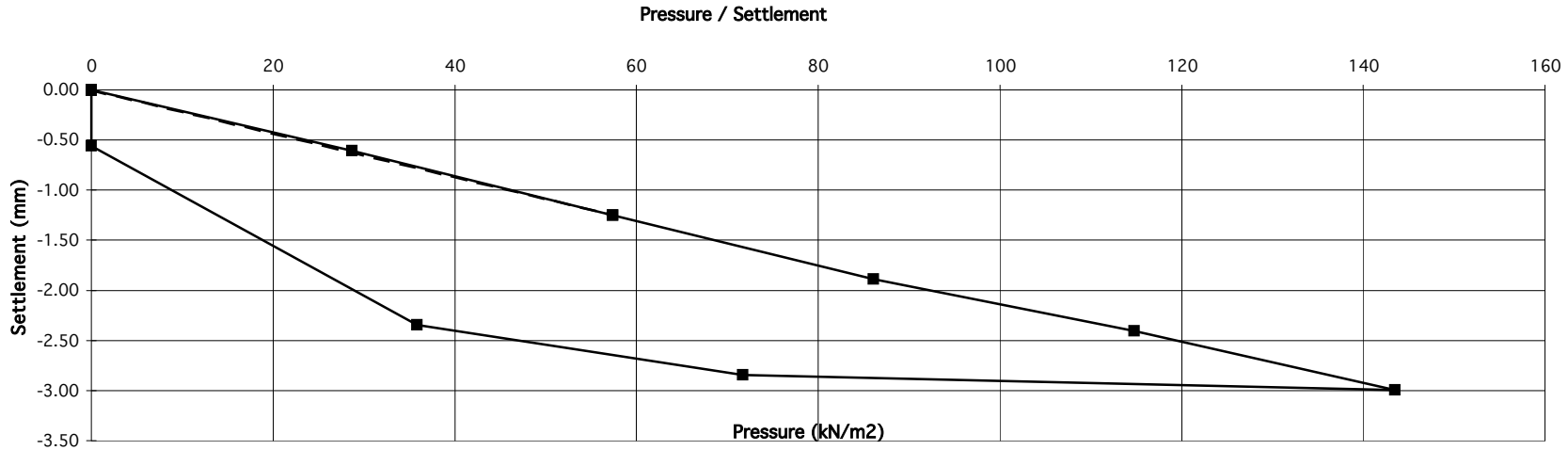
Reference No.	R105277
Contract	PPK3
Test No.	PBT 10 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	06/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 46
Modulus of subgrade reaction = 30 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 3.4 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

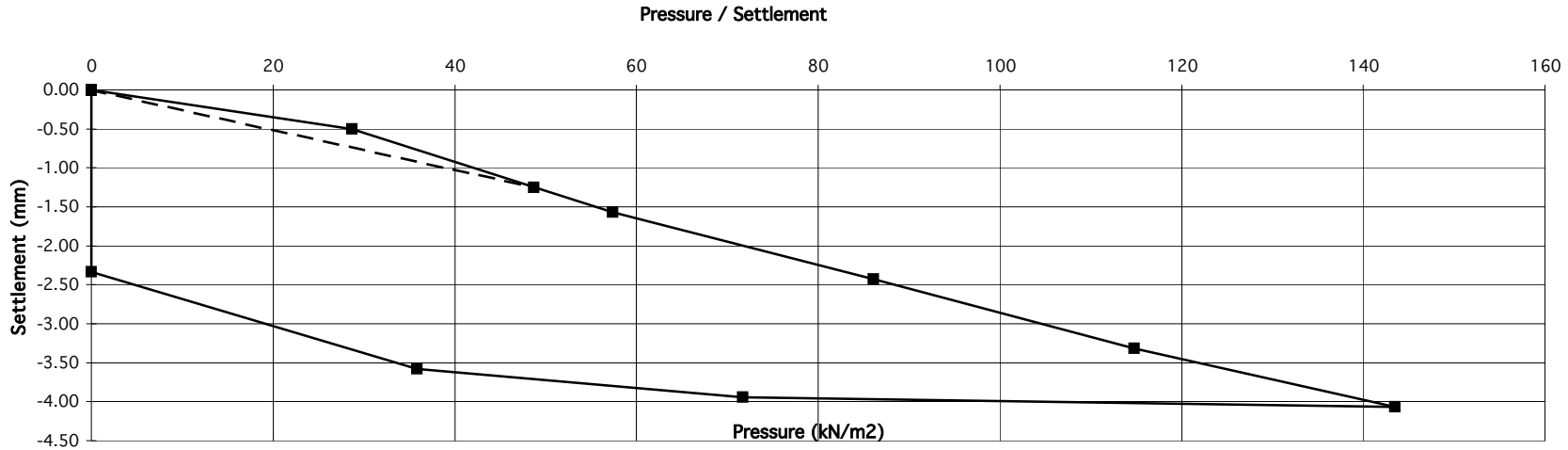
Reference No.	R105281
Contract	PPK3
Test No.	PBT 12 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Blackish brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 39
Modulus of subgrade reaction = 25 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 2.6 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

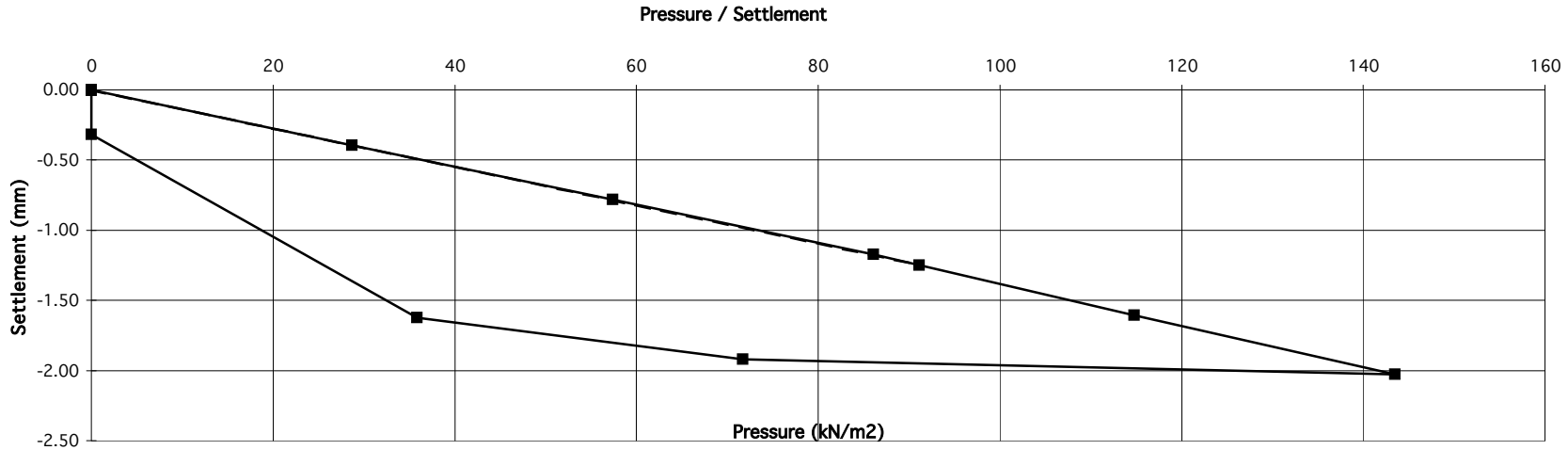
Reference No.	R105281
Contract	PPK3
Test No.	PBT 12 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Blackish brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 73
Modulus of subgrade reaction = 47 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 7.6 %

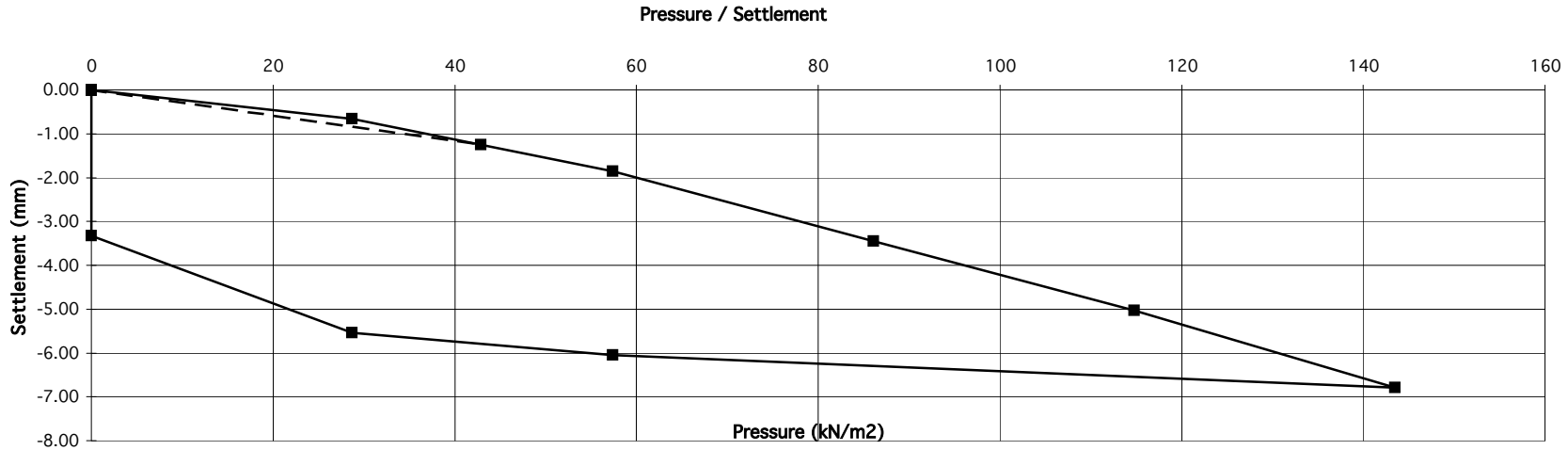
PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105278
Contract	PPK3
Test No.	PBT 14 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
MG - Grey brown CLAY

Easting (m)
Northing (m)
Ground Level (mOD)
Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 34
Modulus of subgrade reaction = 22 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 2.1 %

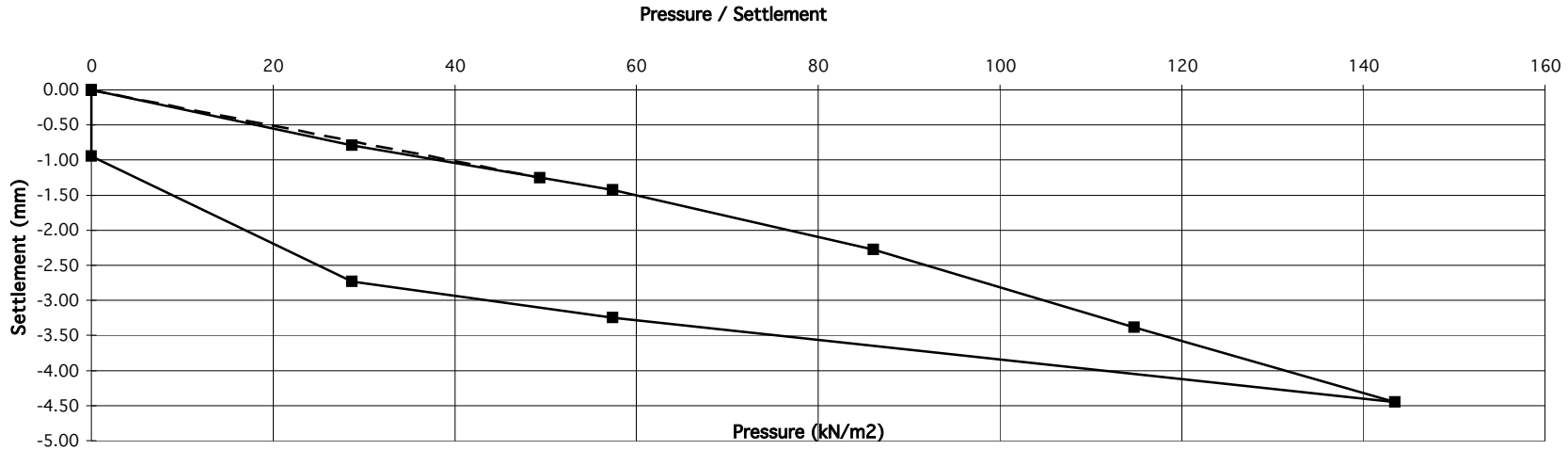
PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105278
Contract	PPK3
Test No.	PBT 14 ReLoad
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
MG - Grey brown CLAY

Easting (m)
Northing (m)
Ground Level (mOD)
Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 40
Modulus of subgrade reaction = 25 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 2.6 %

PLATE TEST REPORT SHEET (F3.1)

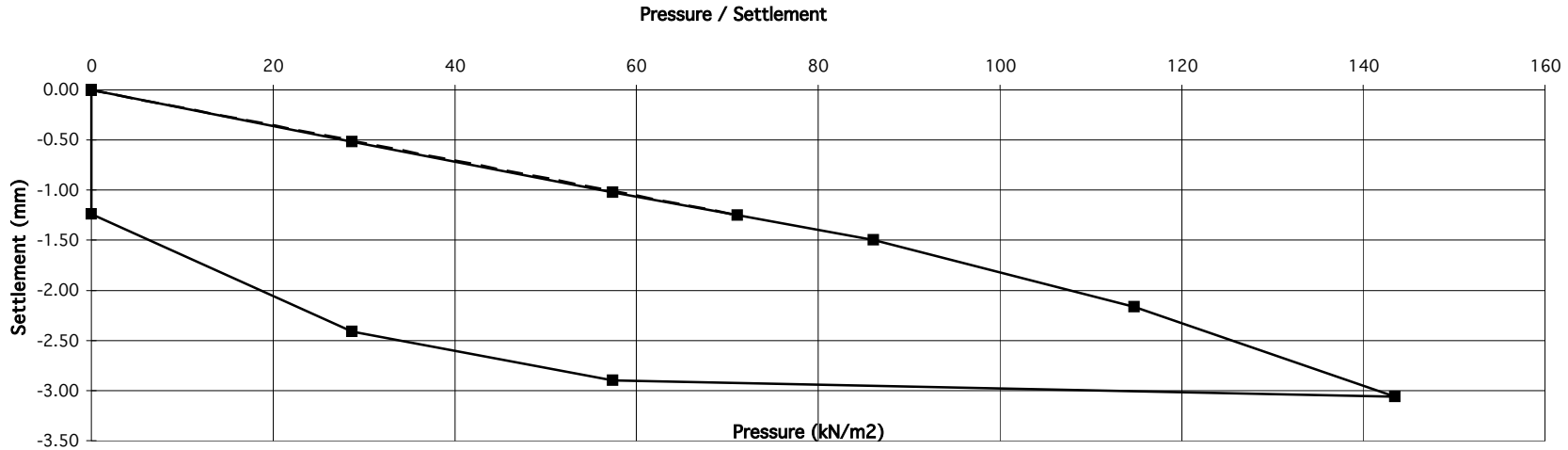
Applied Pressure/Settlement Curve

Reference No.	R105284
Contract	PPK3
Test No.	PBT 16 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 57
Modulus of subgrade reaction = 37 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 4.9 %

PLATE TEST REPORT SHEET (F3.1)

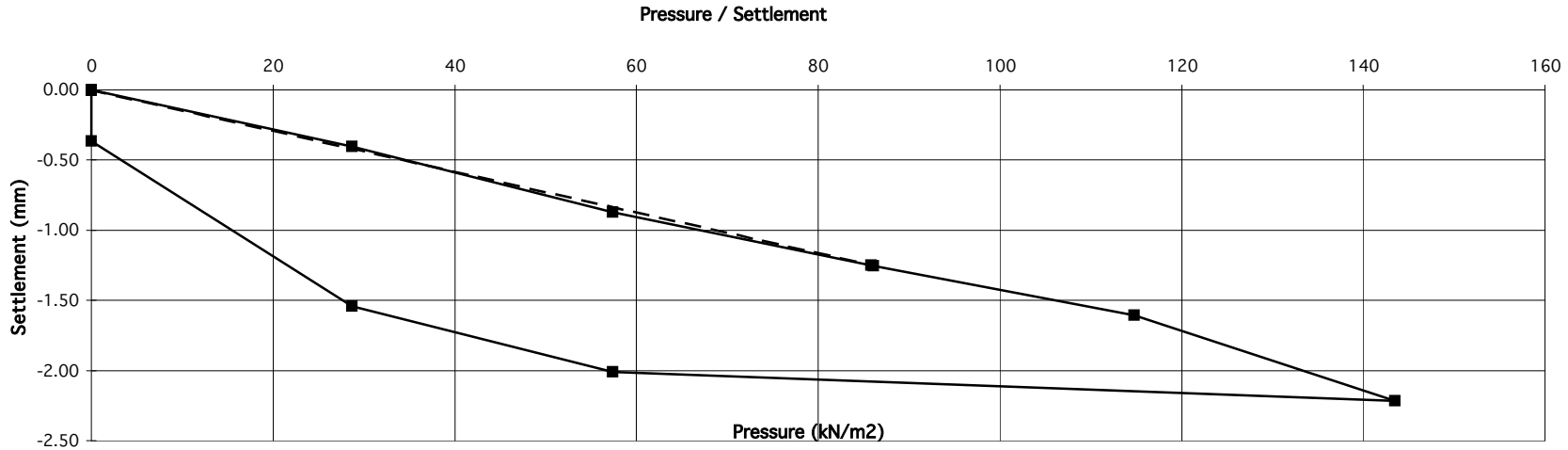
Applied Pressure/Settlement Curve

Reference No.	R105284
Contract	PPK3
Test No.	PBT 16 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 69
Modulus of subgrade reaction = 44 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 6.8 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105279
Contract	PPK3
Test No.	PBT 18 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty CLAY

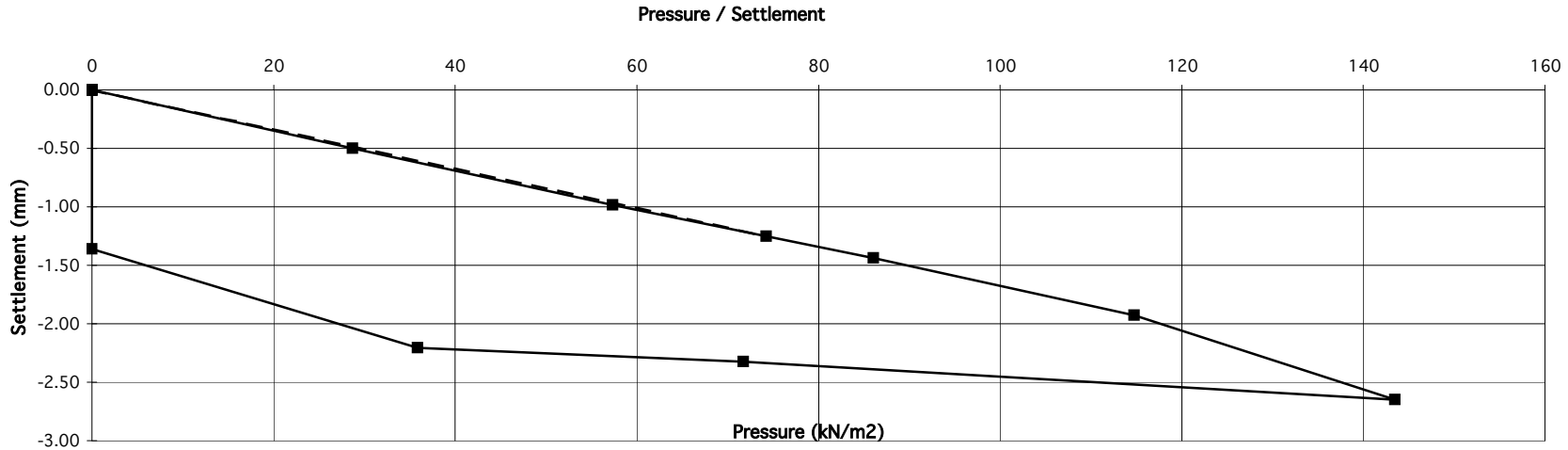
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 59

Modulus of subgrade reaction = 38 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 5.3 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105279
Contract	PPK3
Test No.	PBT 18 ReLoad
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	6/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty CLAY

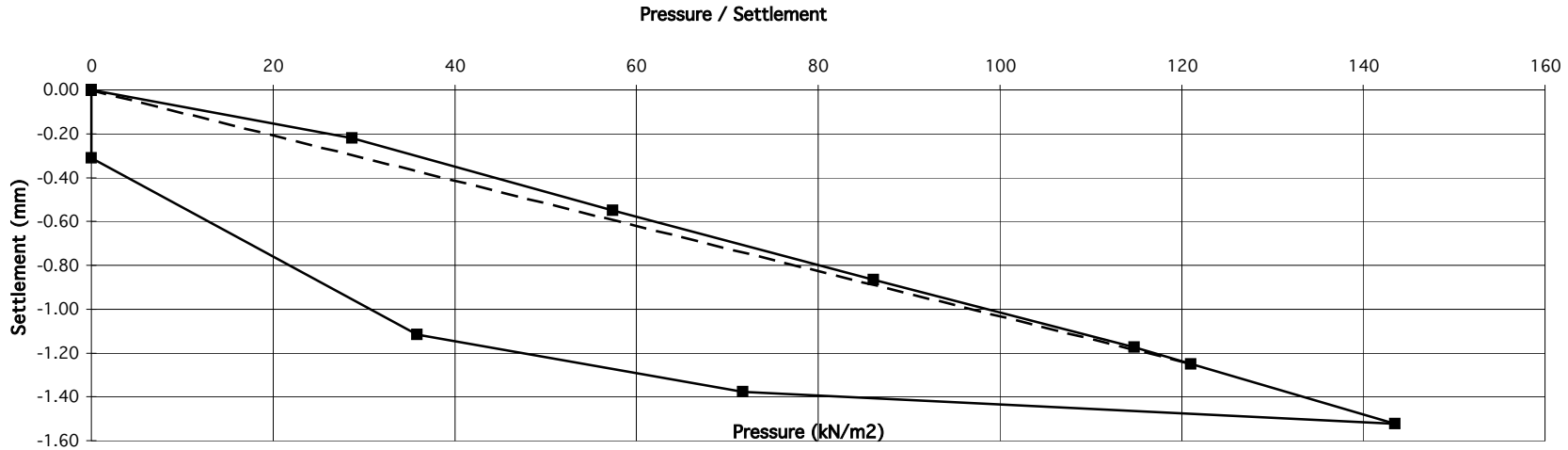
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 97

Modulus of subgrade reaction = 62 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 12.4 %

PLATE TEST REPORT SHEET (F3.1)

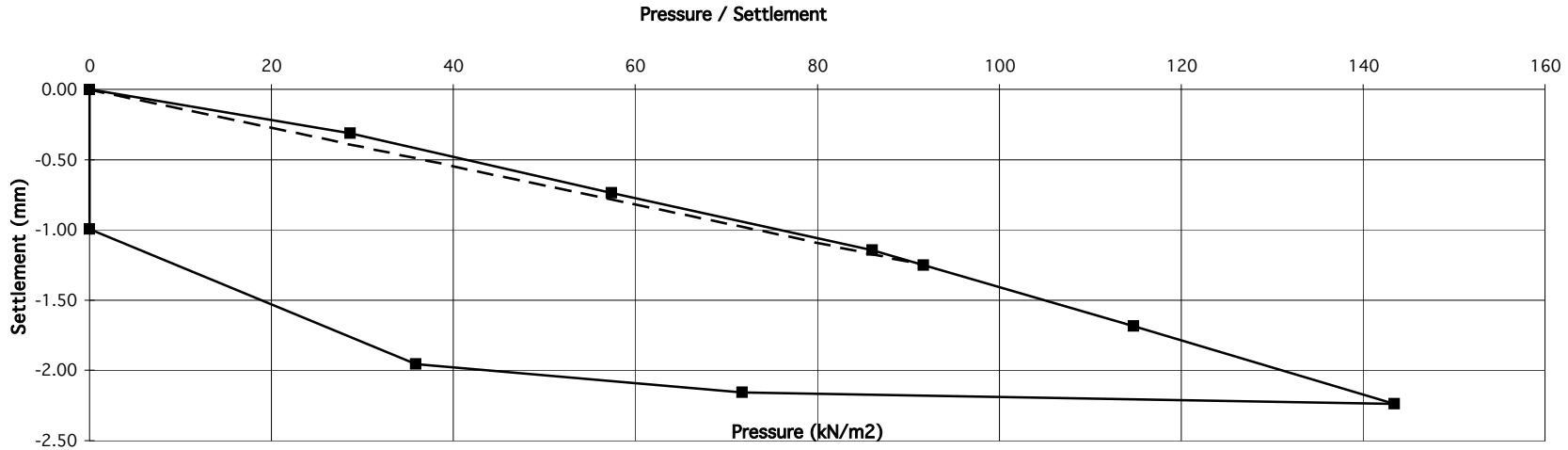
Applied Pressure/Settlement Curve

Reference No.	R105304
Contract	PPK3
Test No.	PBT 39 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	12/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 73
Modulus of subgrade reaction = 47 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 7.7 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

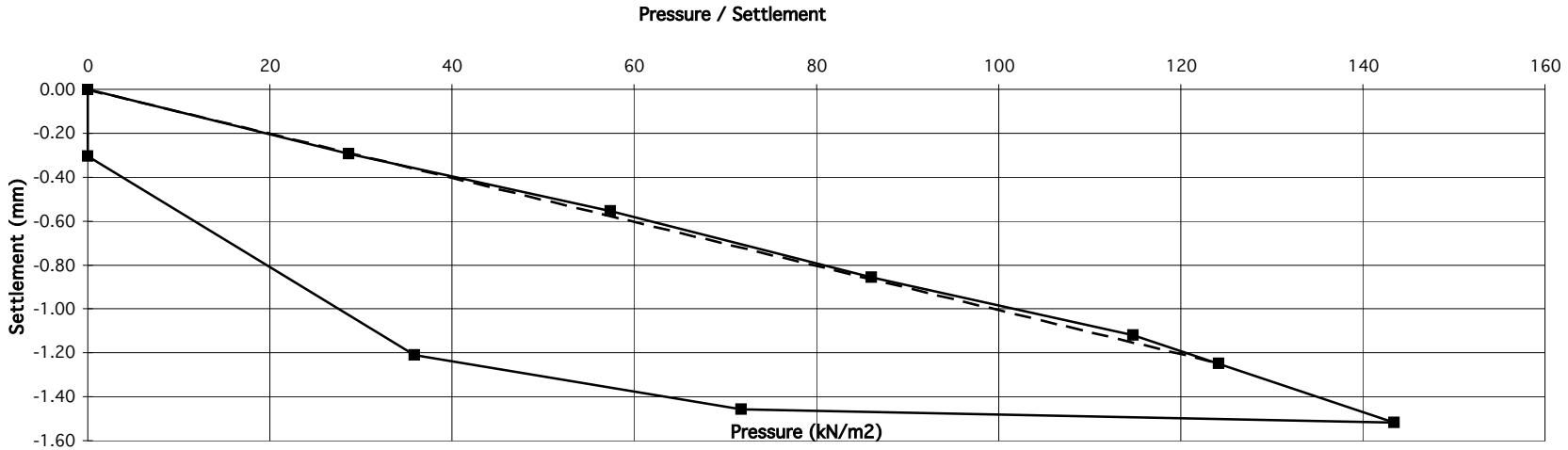
Reference No.	R105304
Contract	PPK3
Test No.	PBT 39 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	12/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 99
Modulus of subgrade reaction = 64 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 13.0 %

PLATE TEST REPORT SHEET (F3.1)

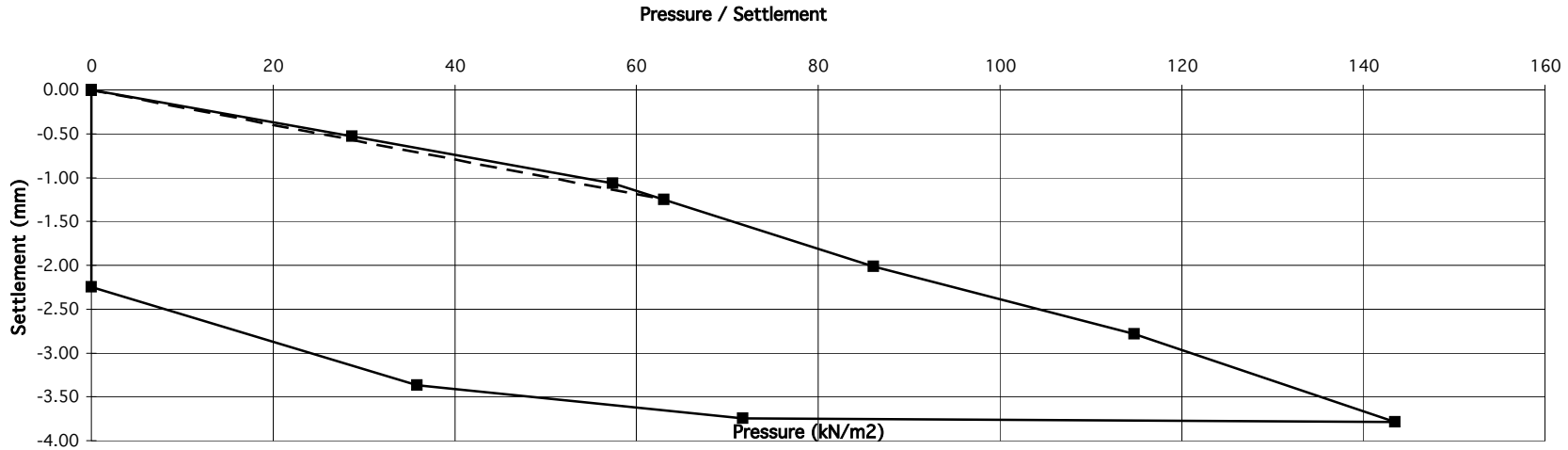
Applied Pressure/Settlement Curve

Reference No.	R105294
Contract	PPK3
Test No.	PBT 44 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	11/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown gravelly silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 50
Modulus of subgrade reaction = 32 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 4.0 %

PLATE TEST REPORT SHEET (F3.1)

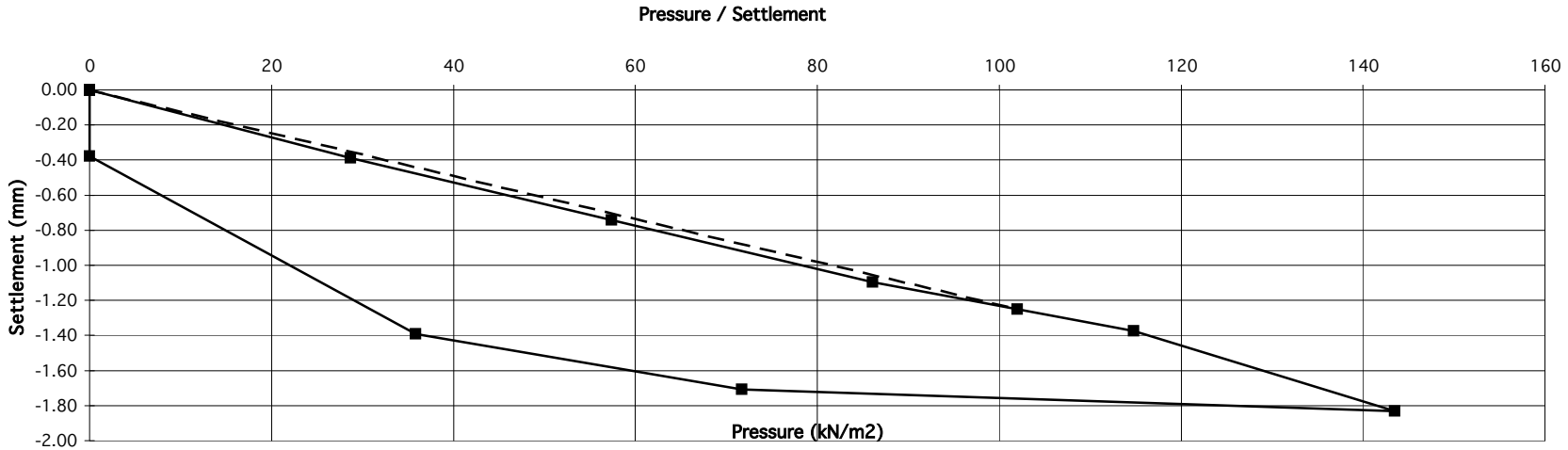
Applied Pressure/Settlement Curve

Reference No.	R105294
Contract	PPK3
Test No.	PBT 44 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	11/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown gravelly silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 82
Modulus of subgrade reaction = 52 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 9.2 %

PLATE TEST REPORT SHEET (F3.1)

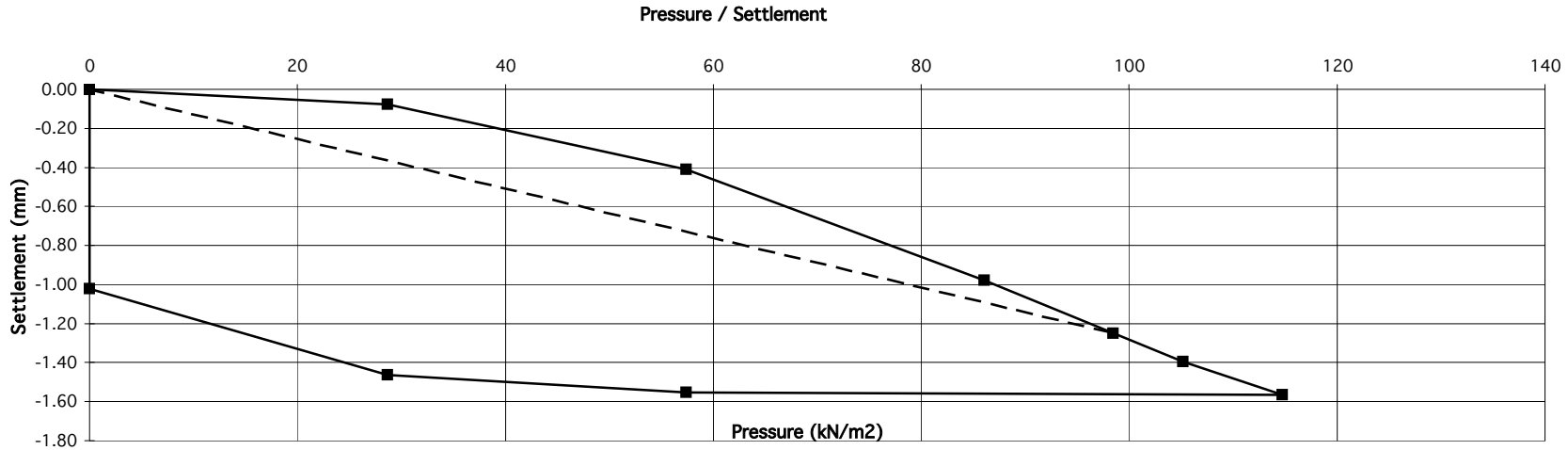
Applied Pressure/Settlement Curve

Reference No.	R105302
Contract	PPK3
Test No.	PBT 46 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	12/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 79
Modulus of subgrade reaction = 51 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 8.7 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

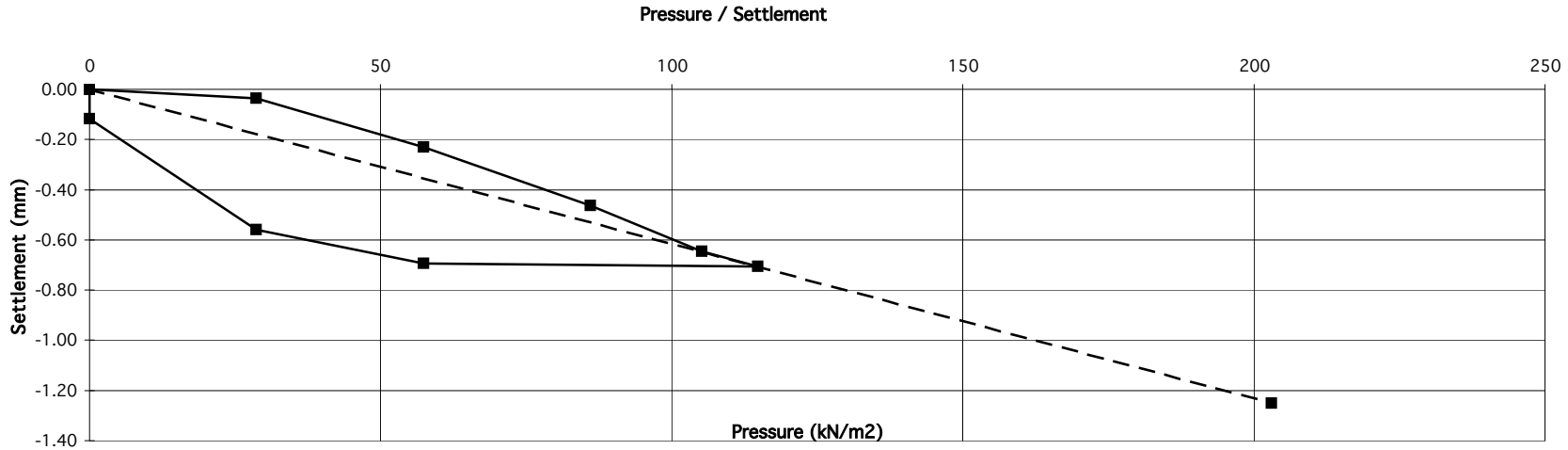
Reference No.	R105302
Contract	PPK3
Test No.	PBT 46 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	12/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 162
Modulus of subgrade reaction = 104 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 30.4 %

PLATE TEST REPORT SHEET (F3.1)

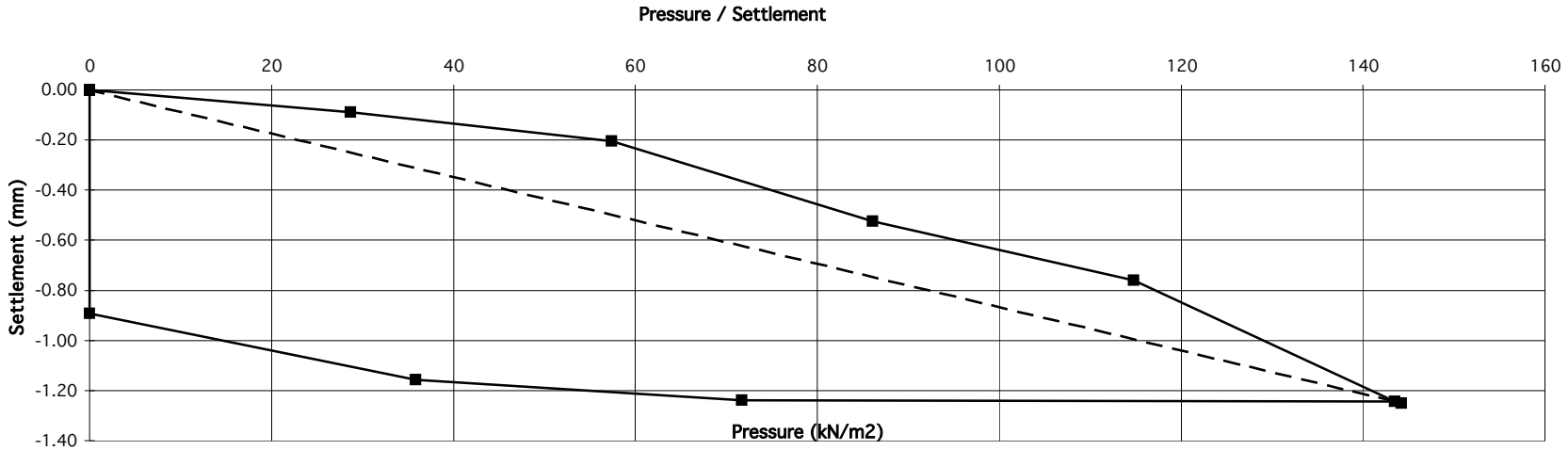
Applied Pressure/Settlement Curve

Reference No.	R105293
Contract	PPK3
Test No.	PBT 48 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	11/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
MG- very gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 115
Modulus of subgrade reaction = 74 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 16.8 %

PLATE TEST REPORT SHEET (F3.1)

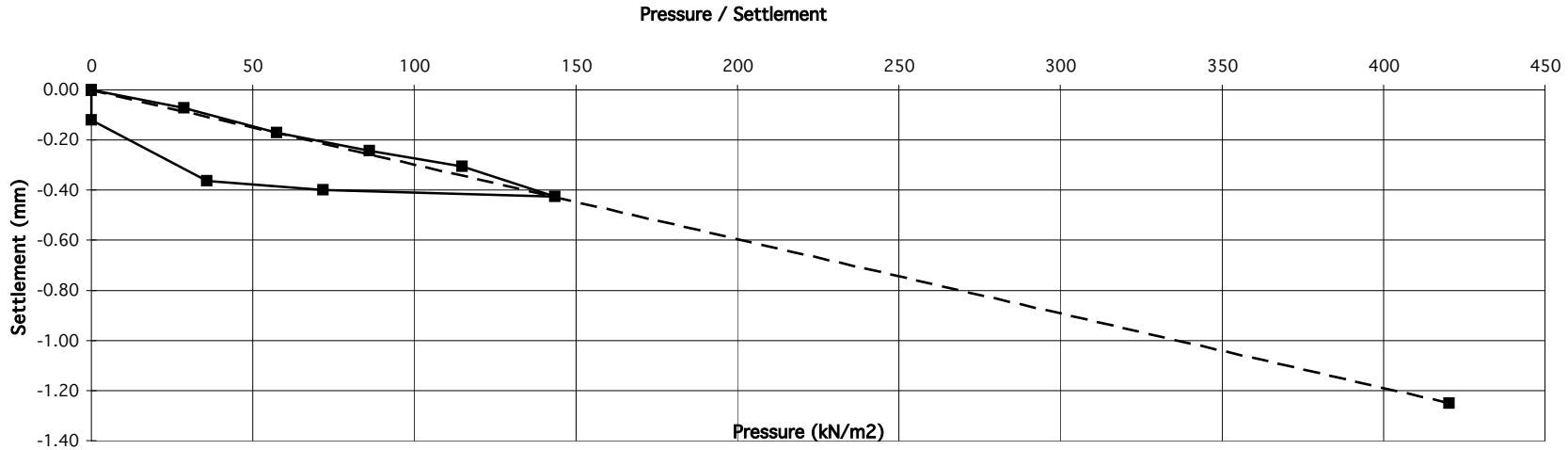
Applied Pressure/Settlement Curve

Reference No.	R105293
Contract	PPK3
Test No.	PBT 48 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	11/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
MG- very gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 336
Modulus of subgrade reaction = 216 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 107.3 %

PLATE TEST REPORT SHEET (F3.1)

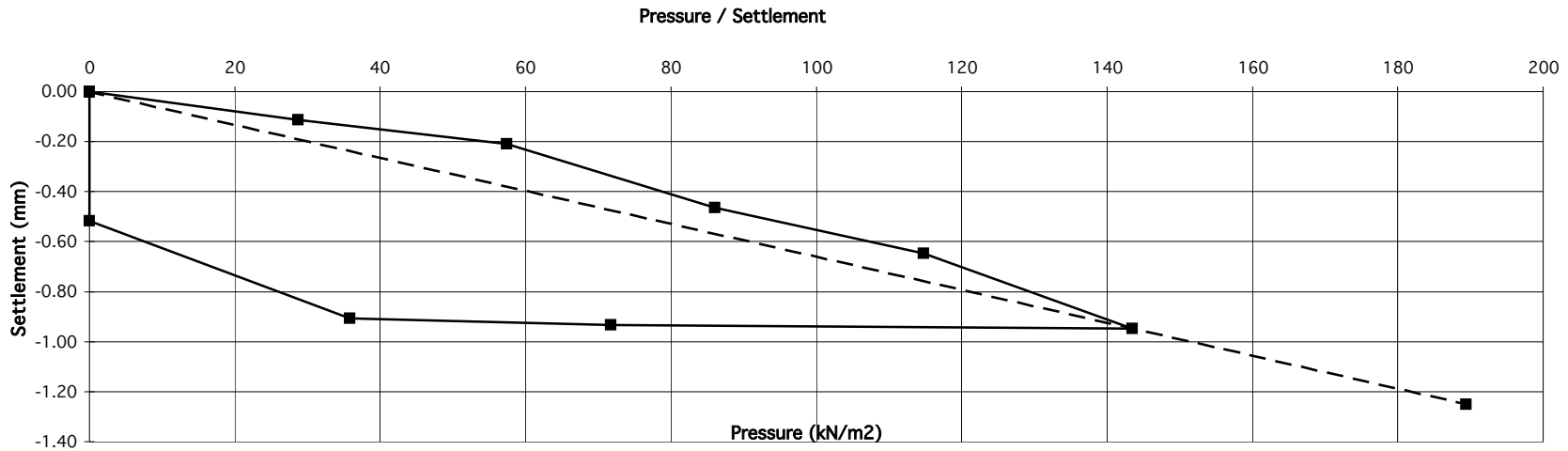
Applied Pressure/Settlement Curve

Reference No.	R105305
Contract	PPK3
Test No.	PBT 49 Load
Location	Profile Park
Depth	700mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	12/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Grey coarse gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 152
Modulus of subgrade reaction = 97 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 27.0 %

PLATE TEST REPORT SHEET (F3.1)

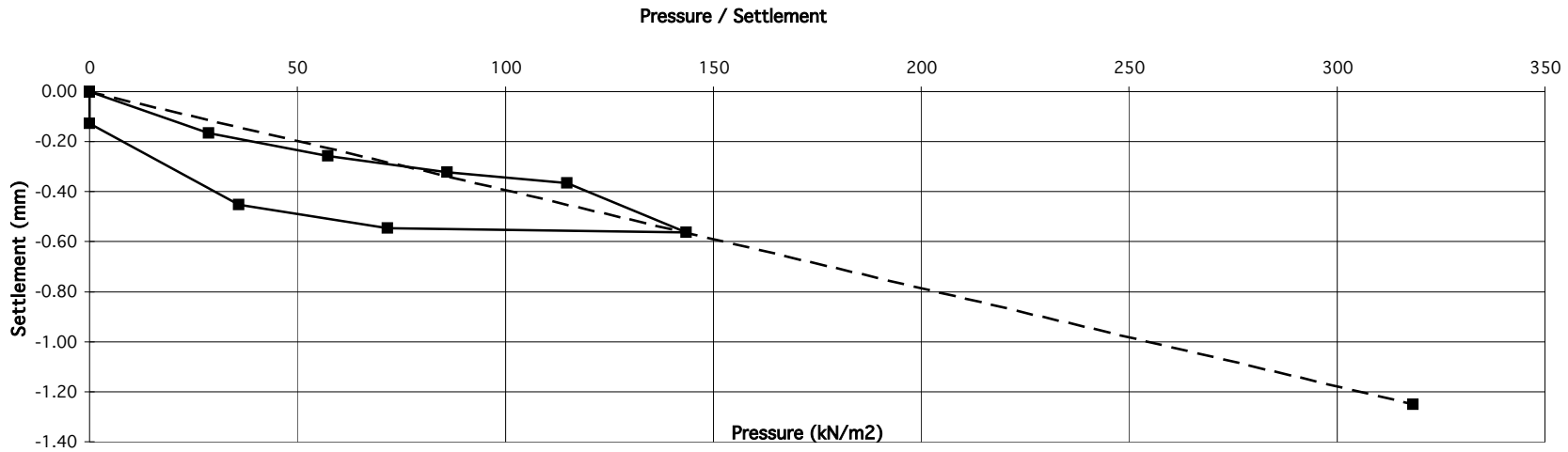
Applied Pressure/Settlement Curve

Reference No.	R105305
Contract	PPK3
Test No.	PBT 49 Reload
Location	Profile Park
Depth	700mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	12/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Grey coarse gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 255
Modulus of subgrade reaction = 164 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 66.3 %

PLATE TEST REPORT SHEET (F3.1)

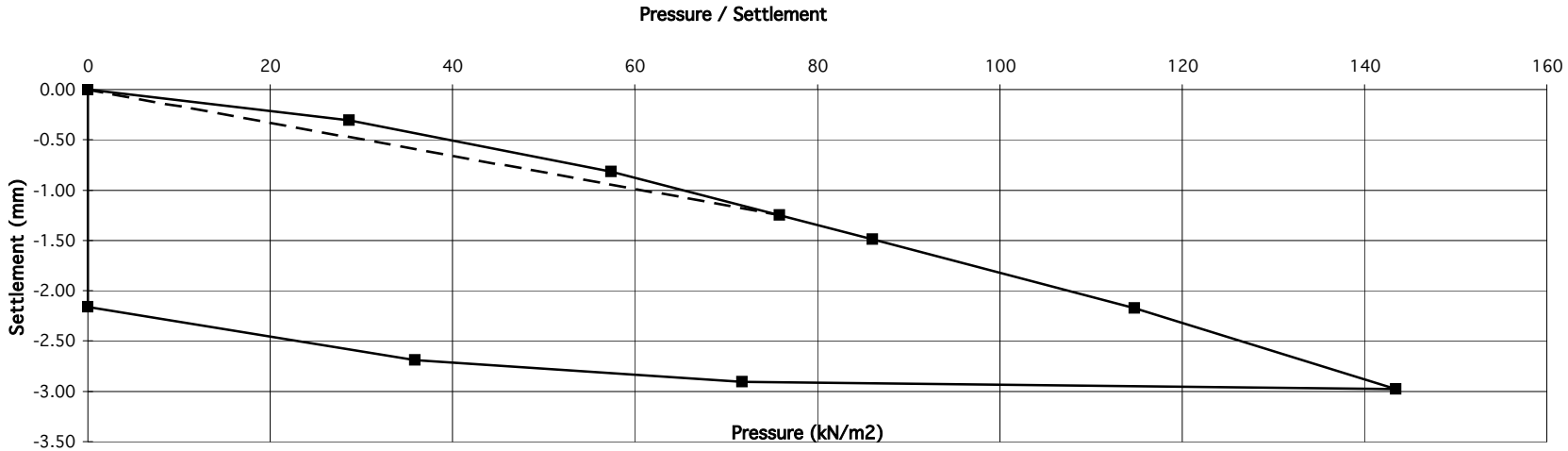
Applied Pressure/Settlement Curve

Reference No.	R105303
Contract	PPK3
Test No.	PBT 51 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	12/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 61
Modulus of subgrade reaction = 39 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 5.5 %

PLATE TEST REPORT SHEET (F3.1)

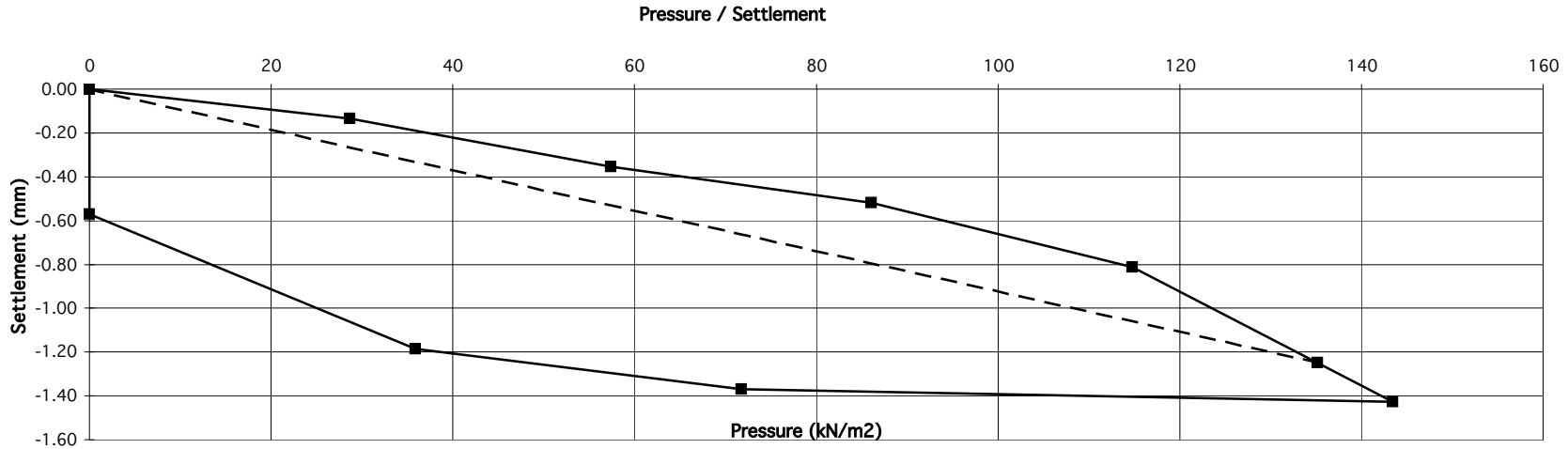
Applied Pressure/Settlement Curve

Reference No.	R105303
Contract	PPK3
Test No.	PBT 51 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	12/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown gravelly clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 108
Modulus of subgrade reaction = 70 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 15.0 %

PLATE TEST REPORT SHEET (F3.1)

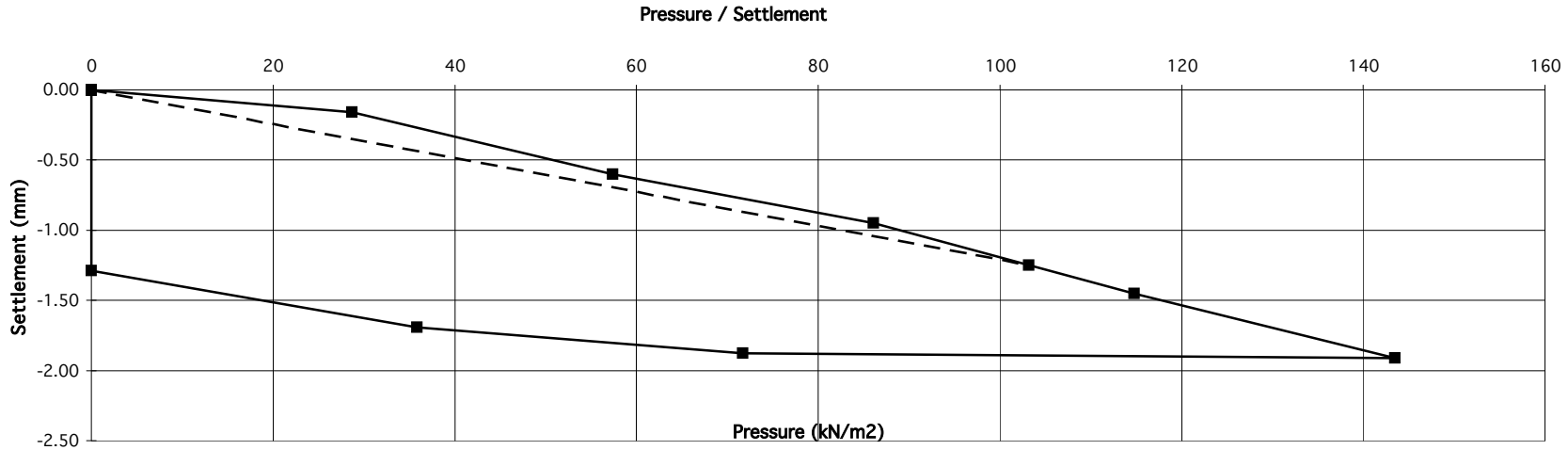
Applied Pressure/Settlement Curve

Reference No.	R105295
Contract	PPK3
Test No.	PBT 56 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	11/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 83
Modulus of subgrade reaction = 53 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 9.4 %

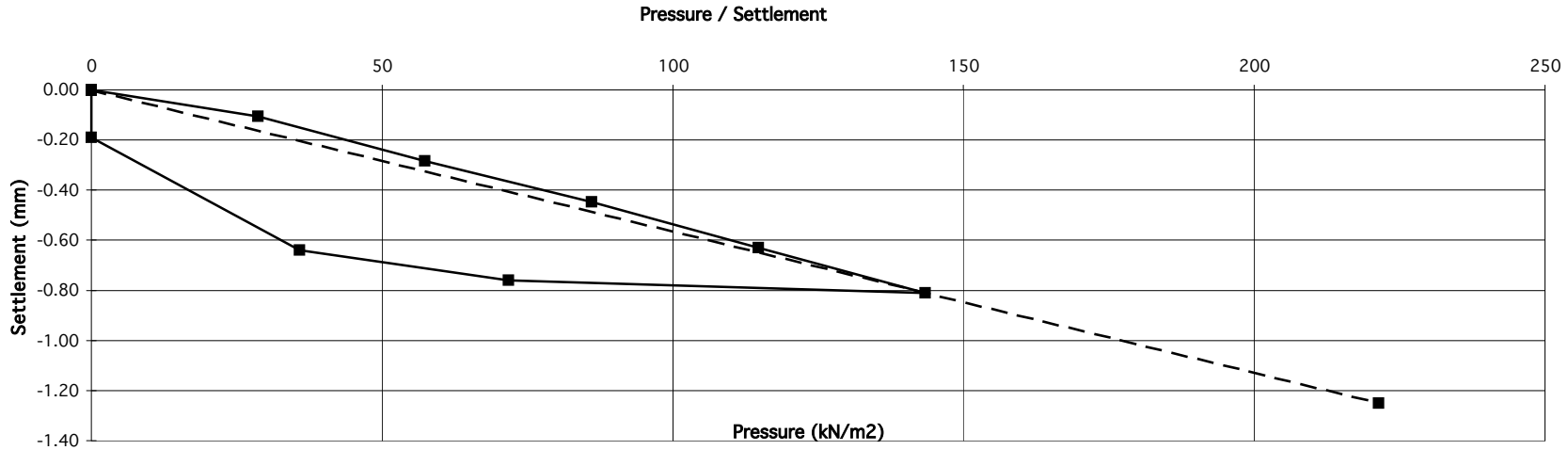
PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105295
Contract	PPK3
Test No.	PBT 56 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	11/9/19

Description of soil under test (natural soil, placed fill, sub-base): Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)
Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 177
Modulus of subgrade reaction = 114 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 35.3 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

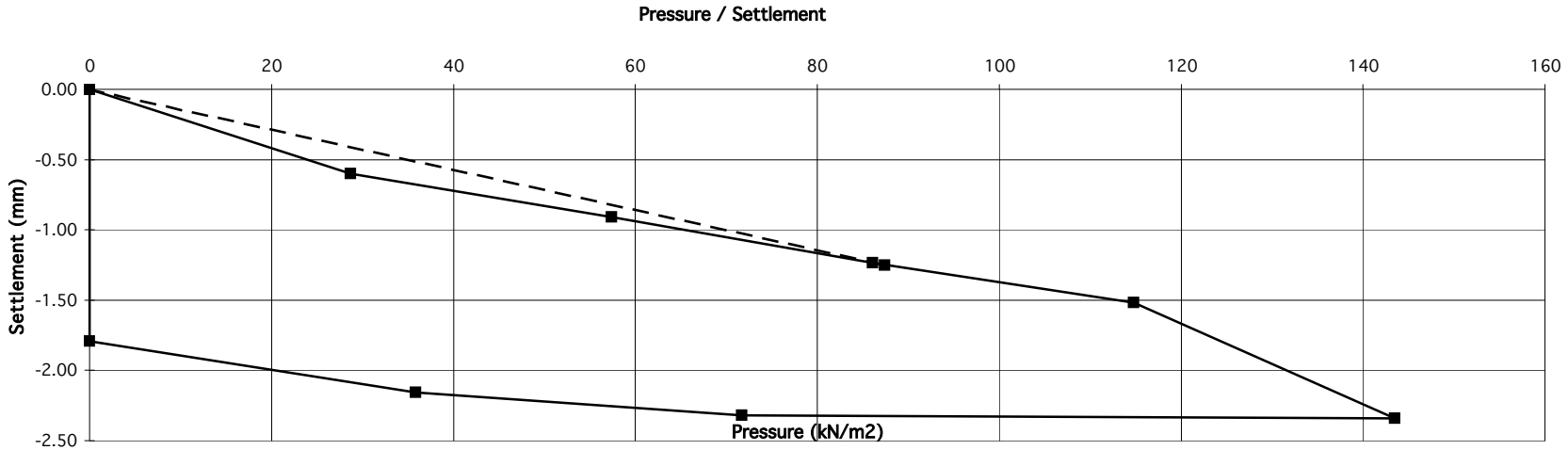
Reference No.	R105296
Contract	PPK3
Test No.	PBT 60 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Cunningham
Authorised by	
Date	11/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 70
Modulus of subgrade reaction = 45 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 7.1 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105296
Contract	PPK3
Test No.	PBT 60 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Cunningham
Authorised by	
Date	11/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

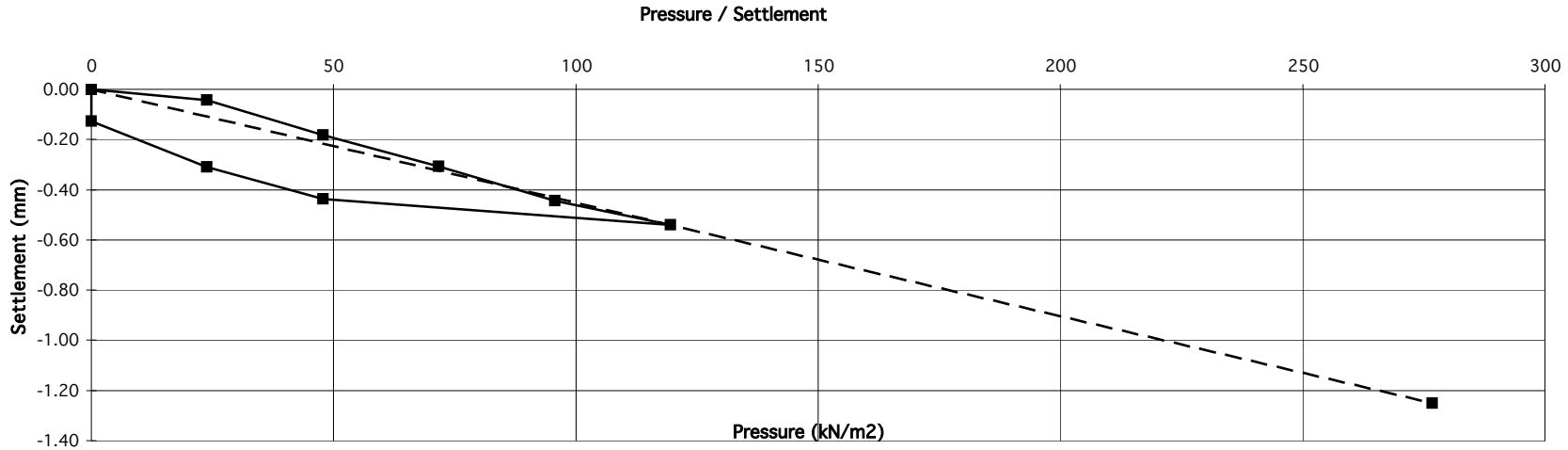
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 221

Modulus of subgrade reaction = 142 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 52.0 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

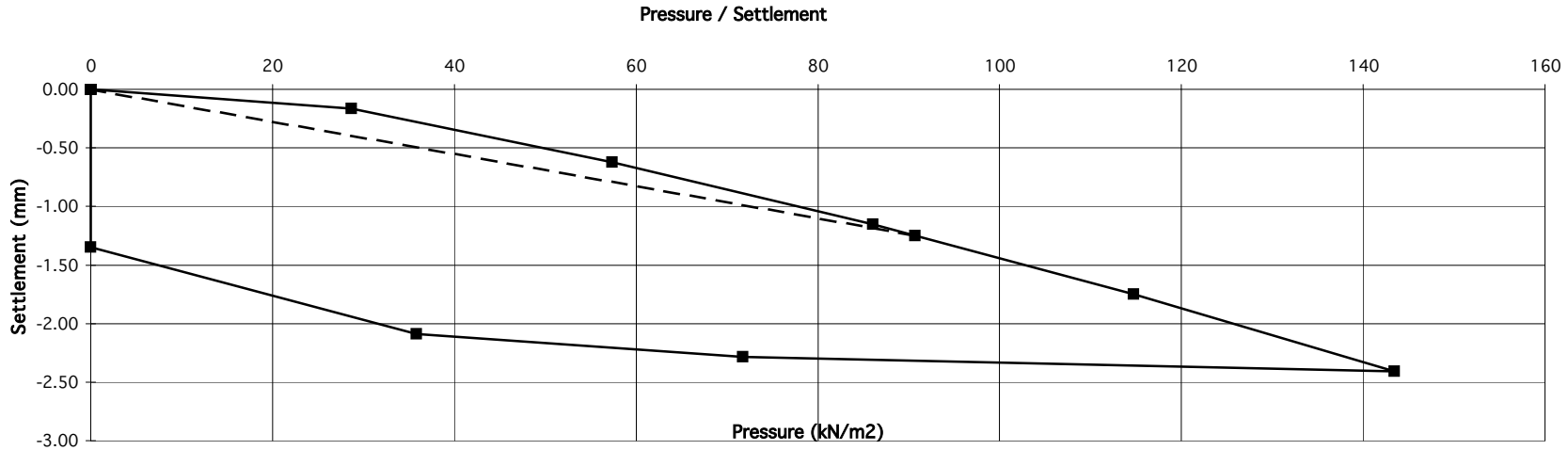
Reference No.	R105291
Contract	PPK3
Test No.	PBT 65 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 73
Modulus of subgrade reaction = 47 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 7.5 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

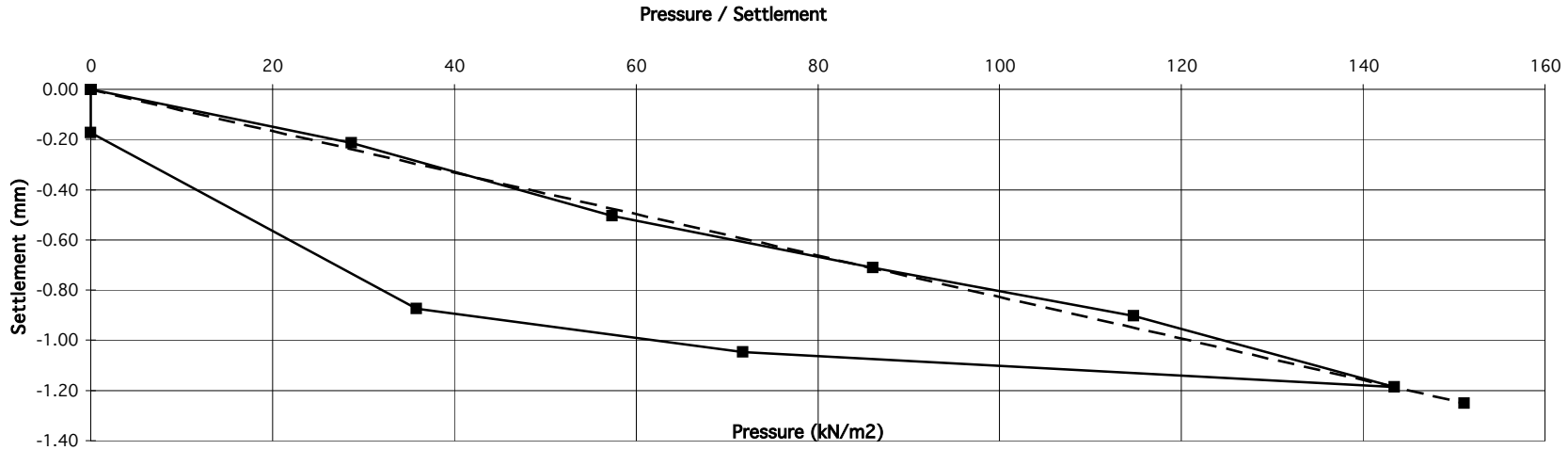
Reference No.	R105291
Contract	PPK3
Test No.	PBT 65 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	10/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 121
Modulus of subgrade reaction = 78 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 18.2 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105292
Contract	PPK3
Test No.	PBT 70 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	10/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty CLAY

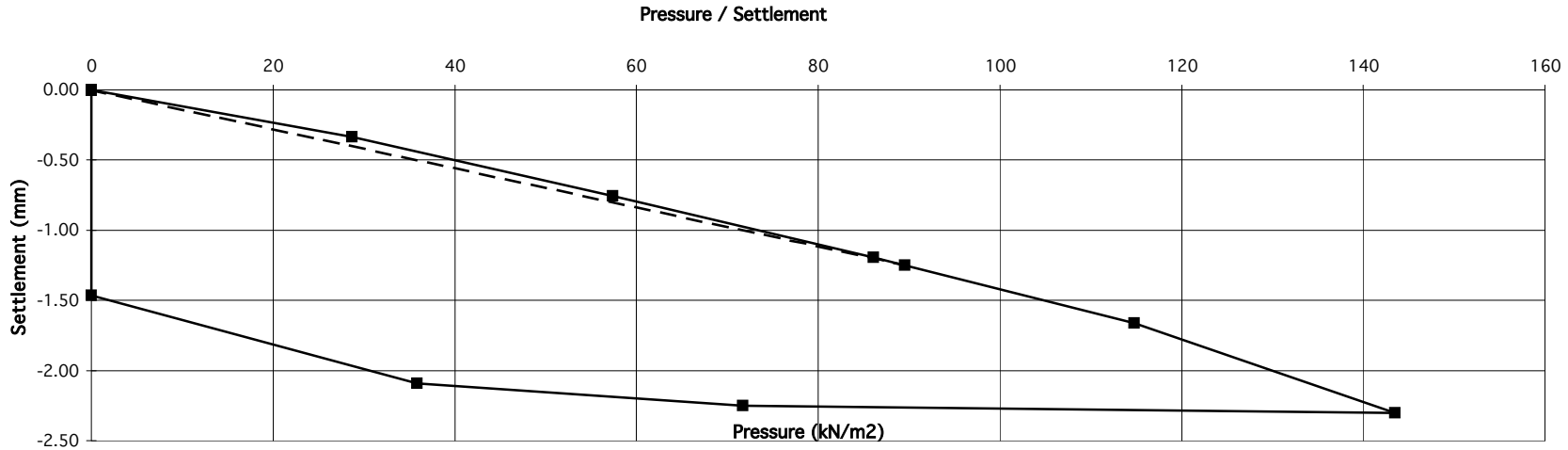
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 72

Modulus of subgrade reaction = 46 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 7.4 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105292
Contract	PPK3
Test No.	PBT 70 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	10/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty CLAY

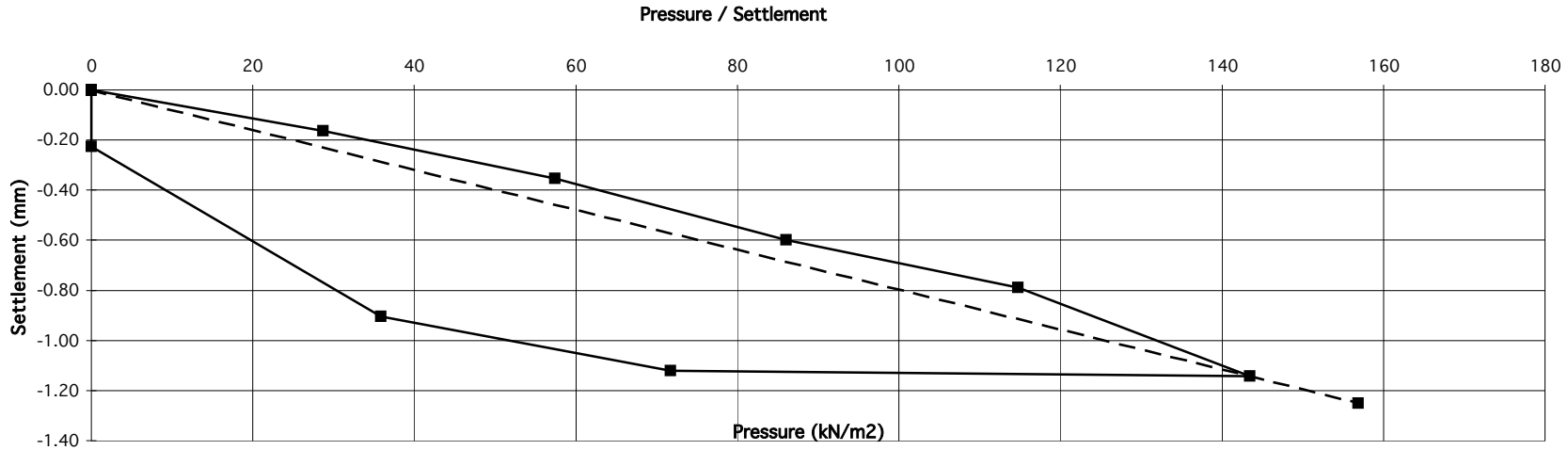
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 125

Modulus of subgrade reaction = 81 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 19.4 %

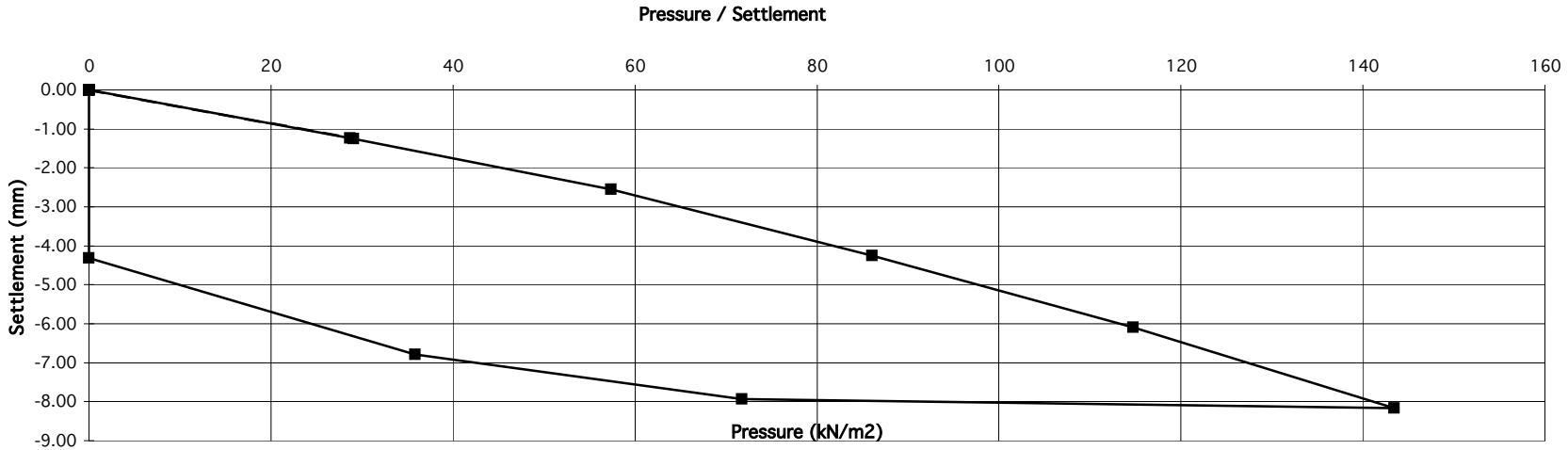
PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105287
Contract	PPK3
Test No.	PBT 75 load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)
MG brown gravelly silty clay

Easting (m)
Northing (m)
Ground Level (mOD)
Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 23
Modulus of subgrade reaction = 15 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 1.0 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105287
Contract	PPK3
Test No.	PBT 75 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

MG brown gravelly silty clay

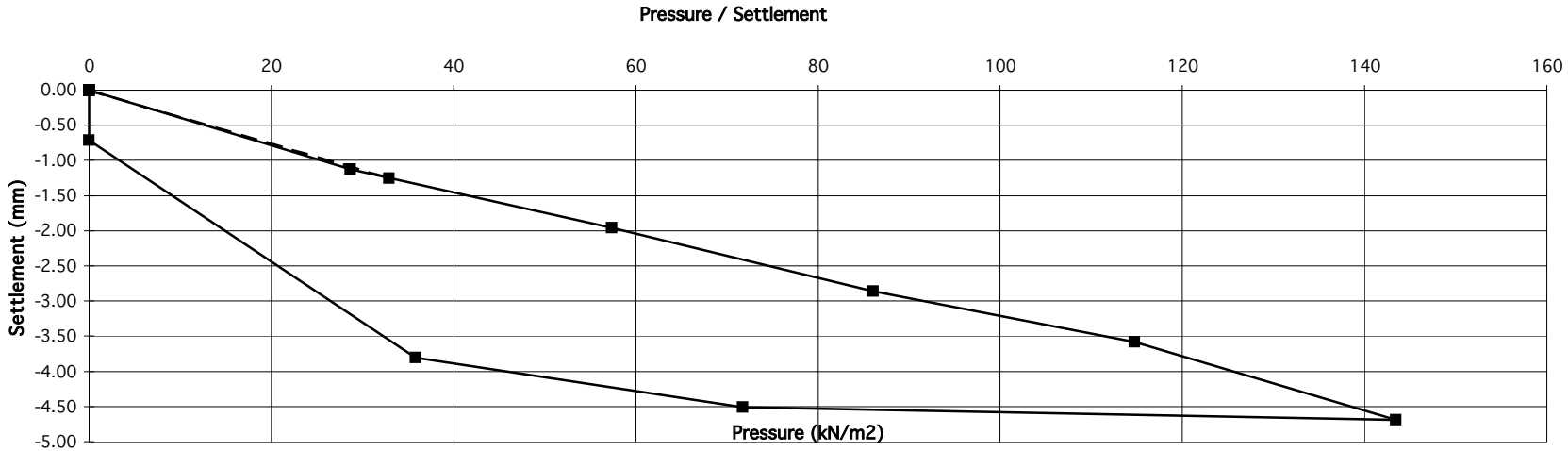
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 26

Modulus of subgrade reaction = 17 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 1.3 %

PLATE TEST REPORT SHEET (F3.1)

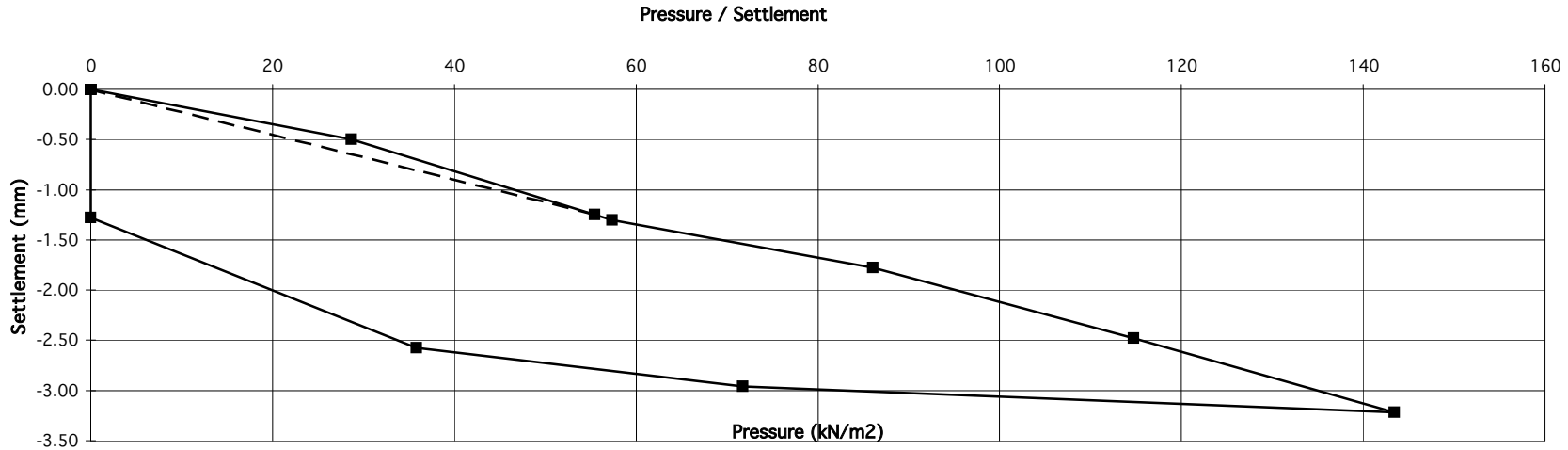
Applied Pressure/Settlement Curve

Reference No.	R105286
Contract	PPK3
Test No.	PBT 77 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 44
Modulus of subgrade reaction = 29 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 3.2 %

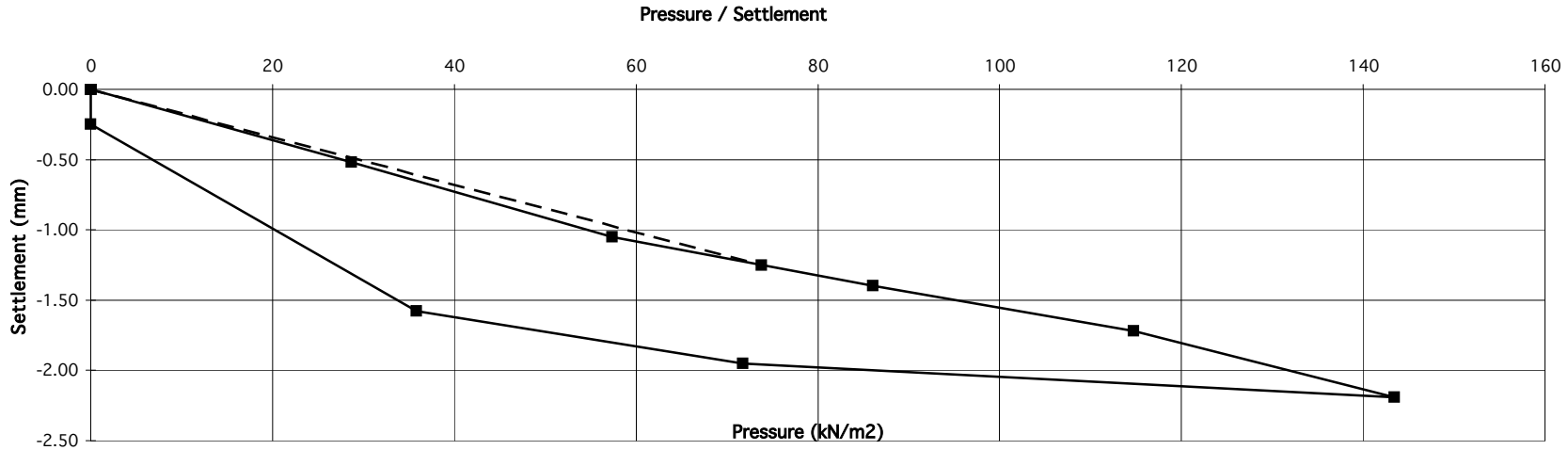
PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105286
Contract	PPK3
Test No.	PBT 77 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base): Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)
Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 59
Modulus of subgrade reaction = 38 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 5.3 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

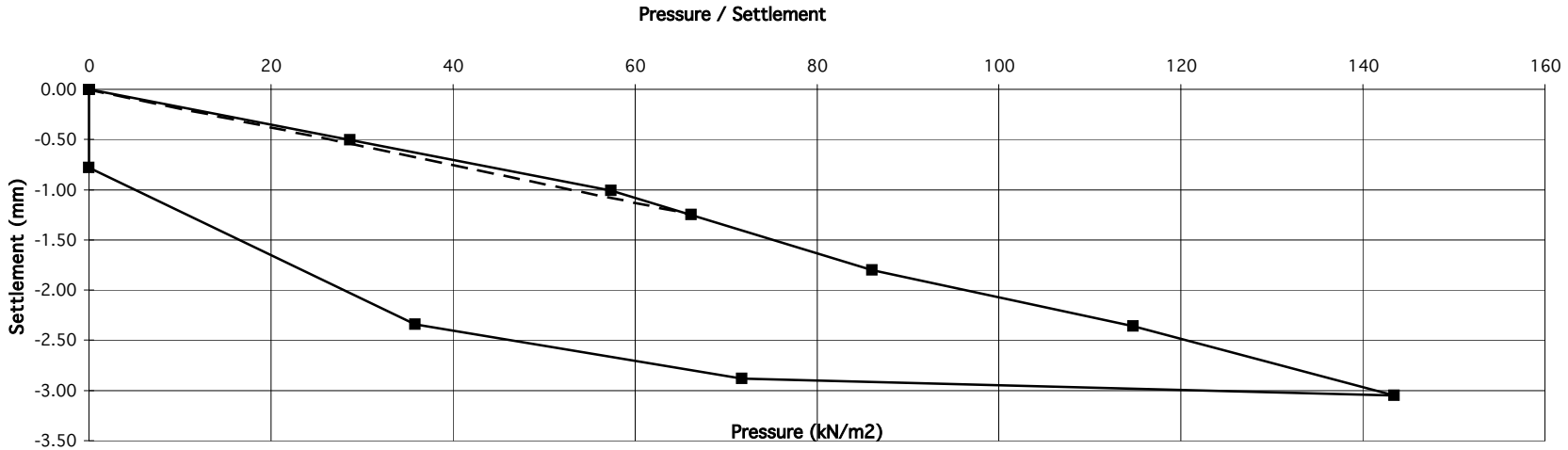
Reference No.	R105289
Contract	PPK3
Test No.	PBT 80 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 53
Modulus of subgrade reaction = 34 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 4.4 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

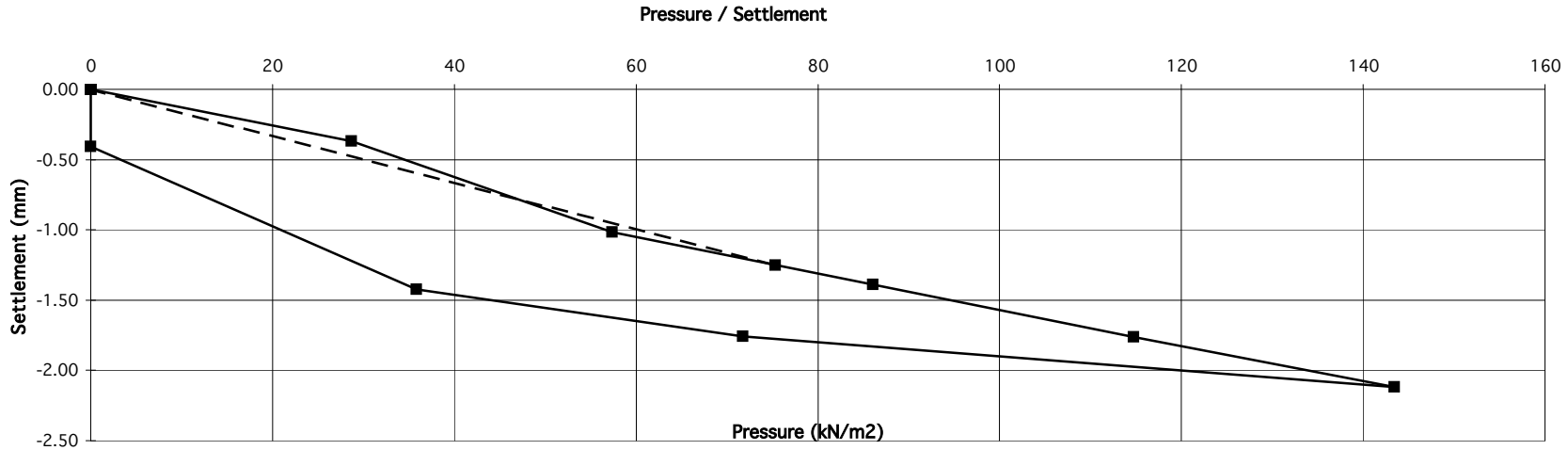
Reference No.	R105289
Contract	PPK3
Test No.	PBT 80 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	9/9/19

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 60
Modulus of subgrade reaction = 39 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 5.5 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

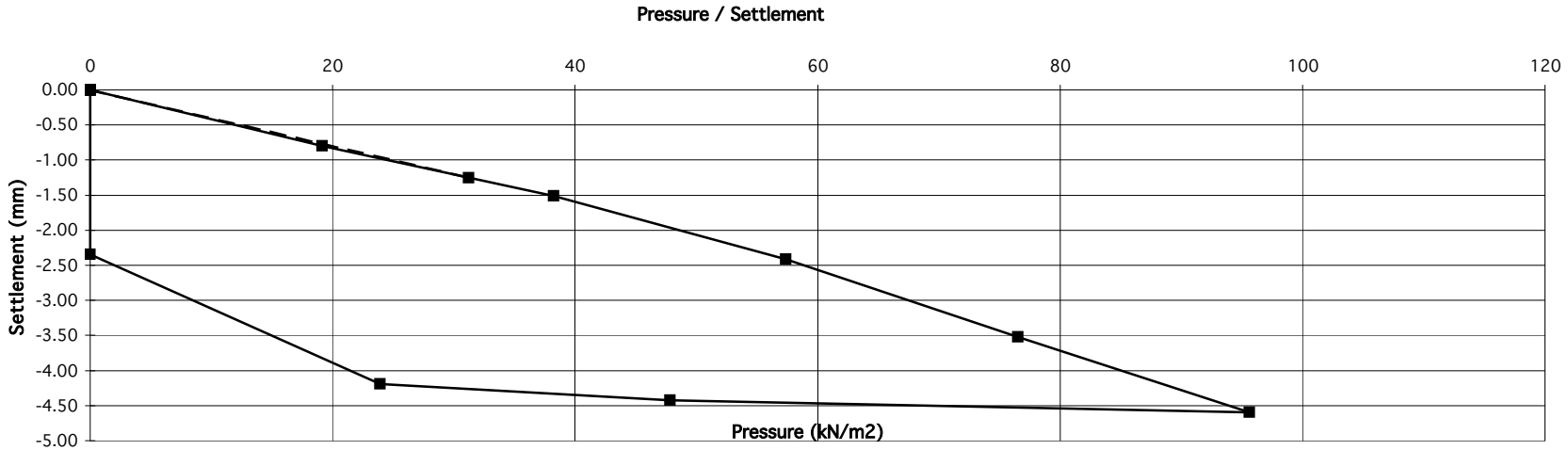
Reference No.	R105282
Contract	PPK3
Test No.	PBT 82 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 25
Modulus of subgrade reaction = 16 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 1.2 %

PLATE TEST REPORT SHEET (F3.1)

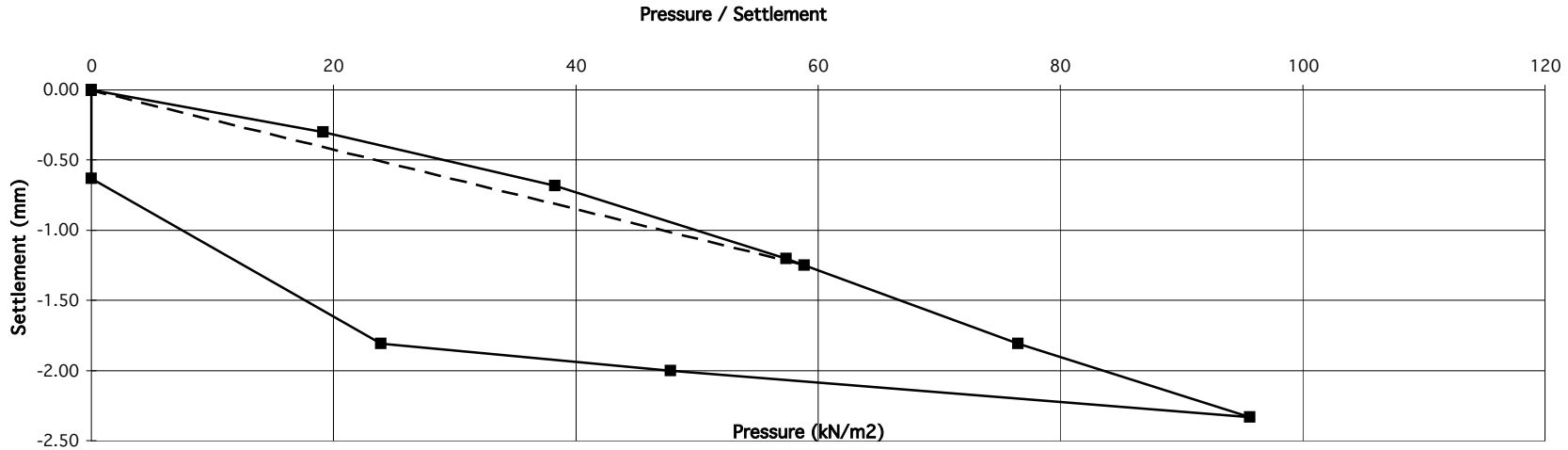
Applied Pressure/Settlement Curve

Reference No.	R105282
Contract	PPK3
Test No.	PBT 82 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 47
Modulus of subgrade reaction = 30 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 3.6 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

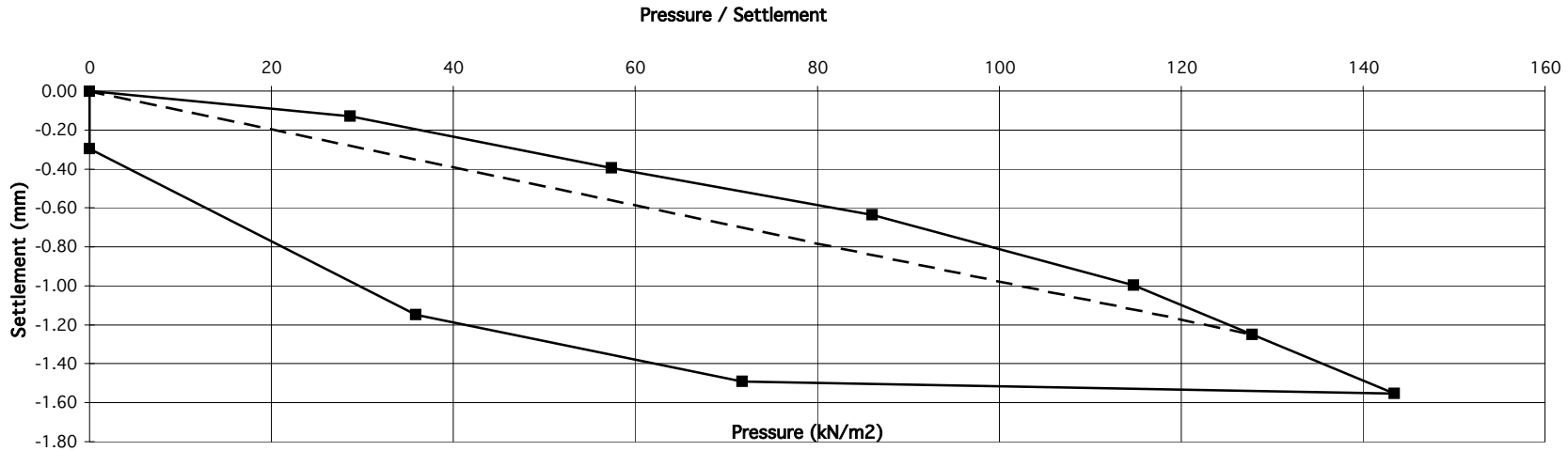
Reference No.	R105288
Contract	PPK3
Test No.	PBT 83 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	10/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 102
Modulus of subgrade reaction = 66 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 13.6 %

PLATE TEST REPORT SHEET (F3.1)

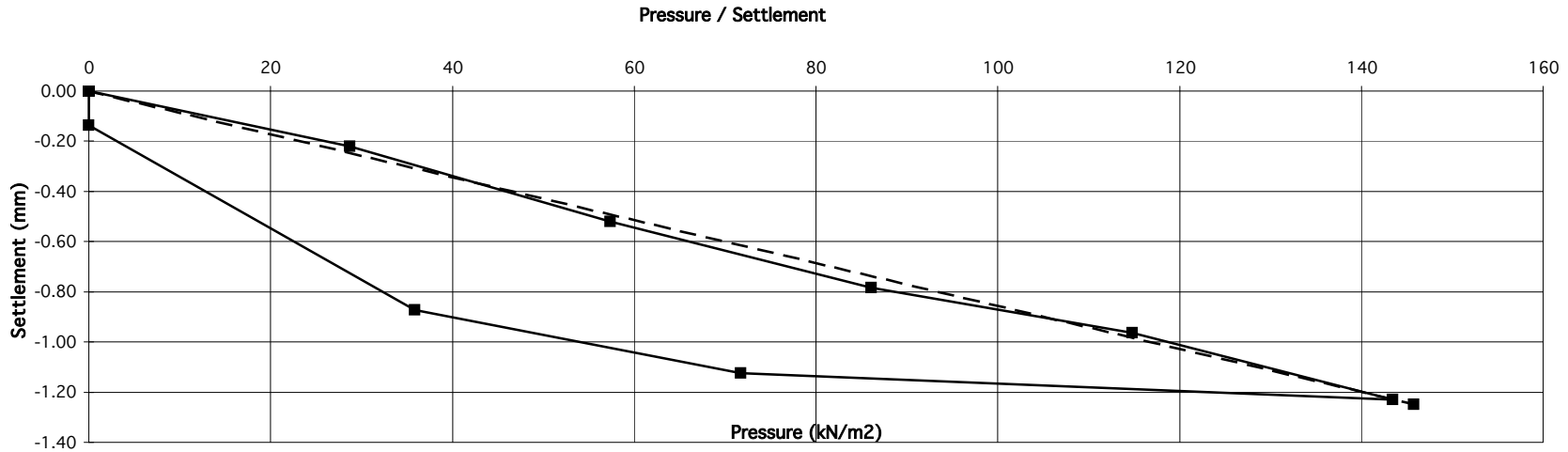
Applied Pressure/Settlement Curve

Reference No.	R105288
Contract	PPK3
Test No.	PBT 83 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	10/9/19

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 117
Modulus of subgrade reaction = 75 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 17.1 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

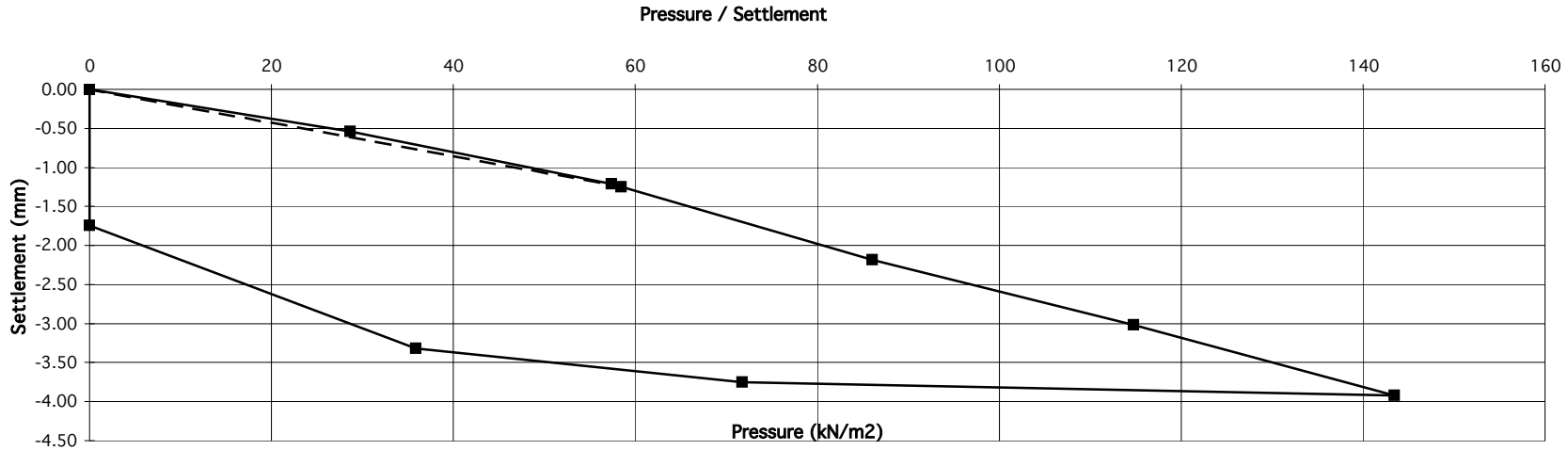
Reference No.	R105301
Contract	PPK3
Test No.	PBT 85 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 47
Modulus of subgrade reaction = 30 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 3.5 %

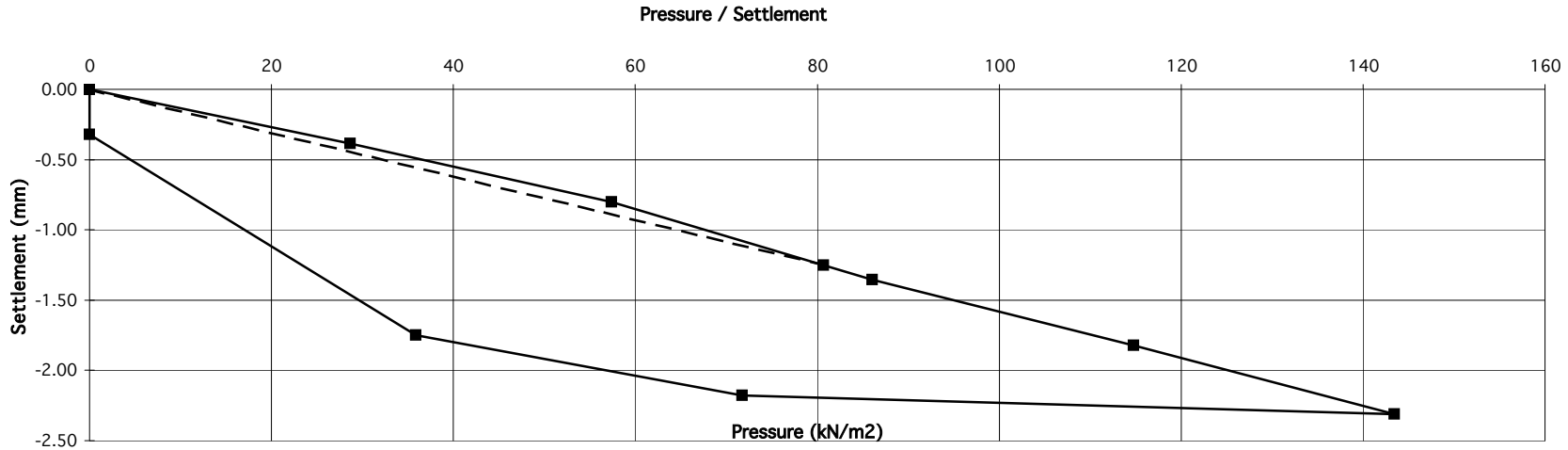
PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105301
Contract	PPK3
Test No.	PBT 85 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base): Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)
Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 65
Modulus of subgrade reaction = 41 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 6.1 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105290
Contract	PPK3
Test No.	PBT 87 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

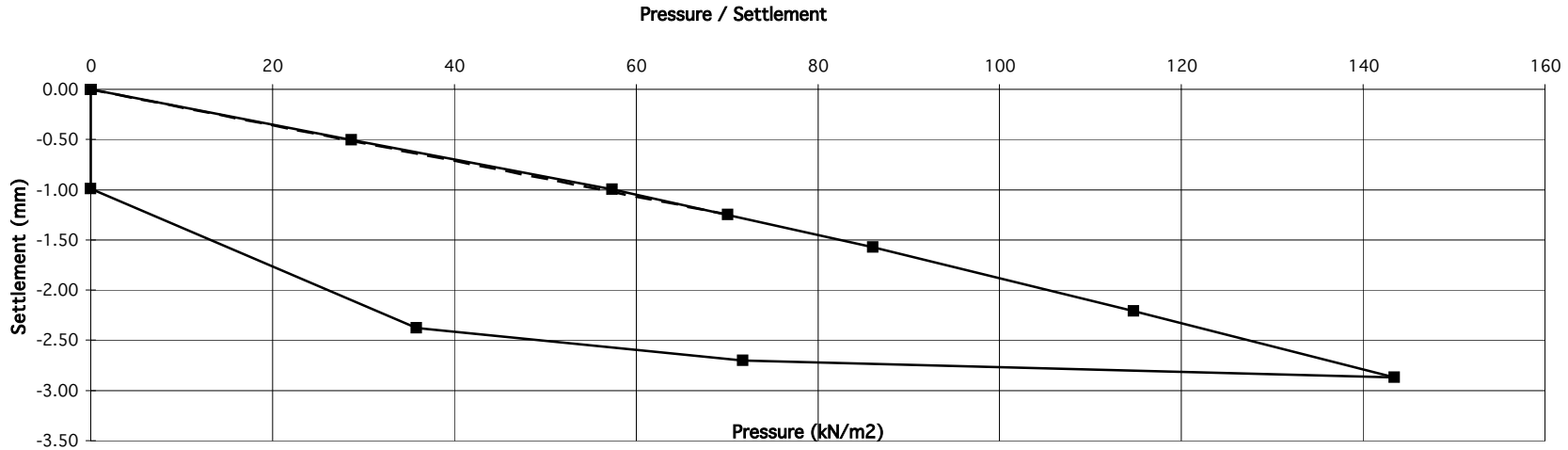
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 56

Modulus of subgrade reaction = 36 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 4.8 %

PLATE TEST REPORT SHEET (F3.1)

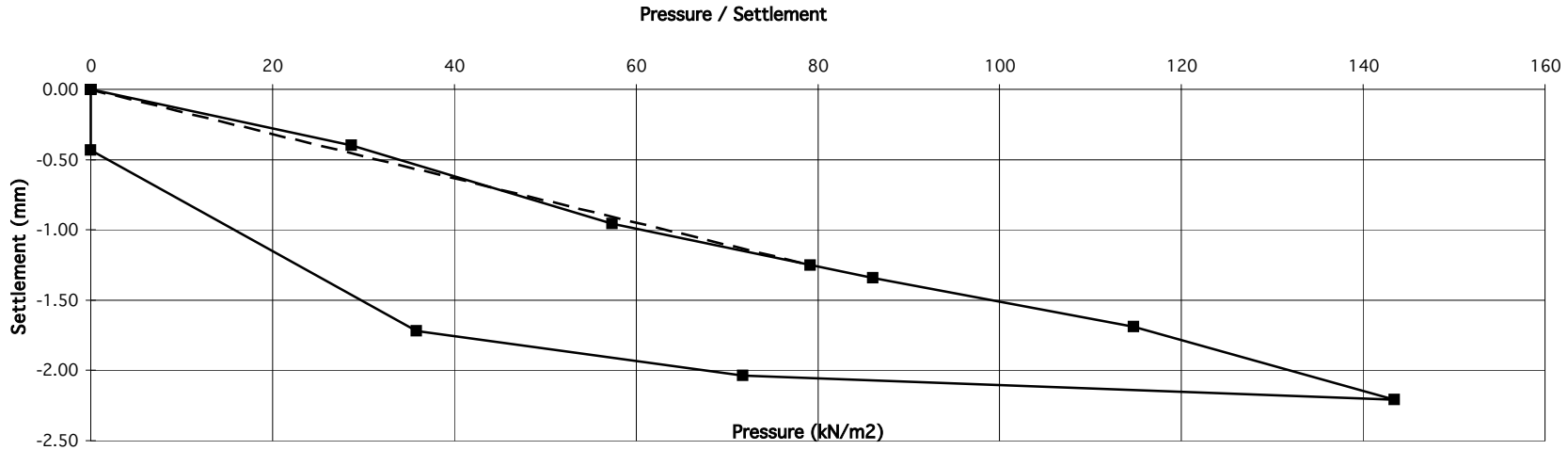
Applied Pressure/Settlement Curve

Reference No.	R105290
Contract	PPK3
Test No.	PBT 87 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 63
Modulus of subgrade reaction = 41 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 5.9 %

PLATE TEST REPORT SHEET (F3.1)

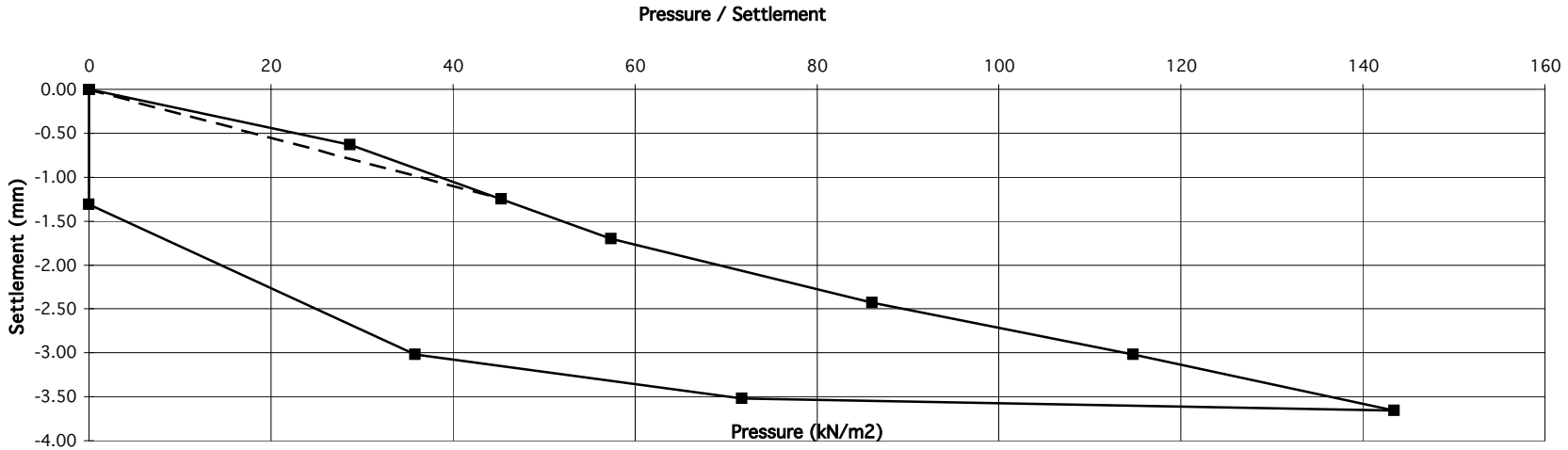
Applied Pressure/Settlement Curve

Reference No.	R105285
Contract	PPK3
Test No.	PBT 89 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test
(natural soil, placed fill, sub-base)
Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 36
Modulus of subgrade reaction = 23 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 2.3 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105285
Contract	PPK3
Test No.	PBT 89 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

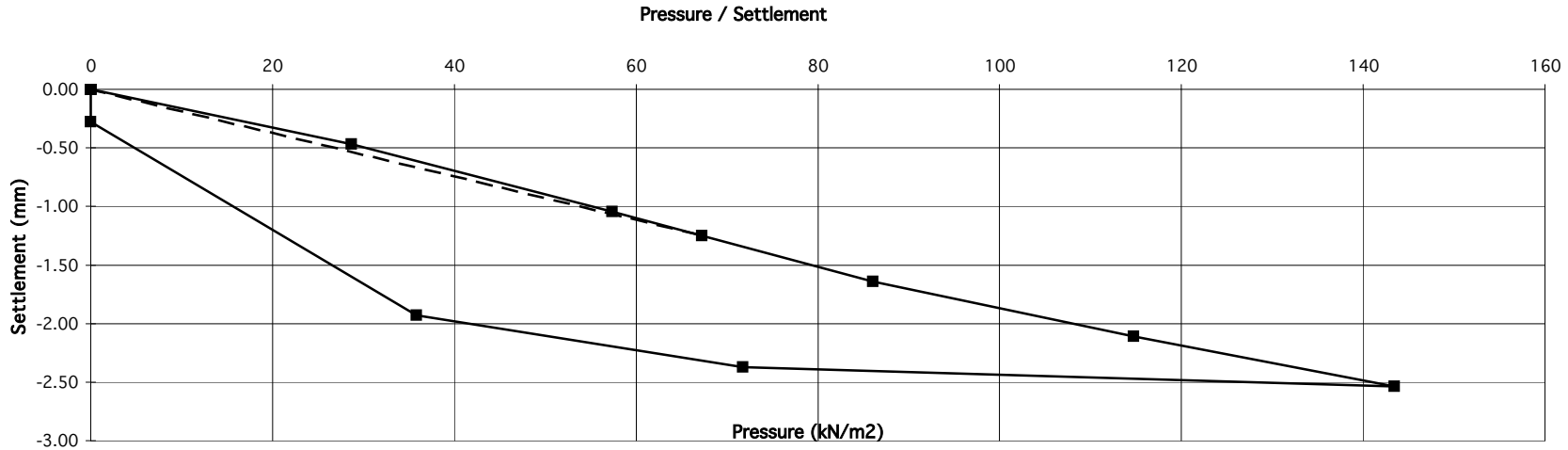
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 54

Modulus of subgrade reaction = 35 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 4.5 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105275
Contract	PPK3
Test No.	PBT 90 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

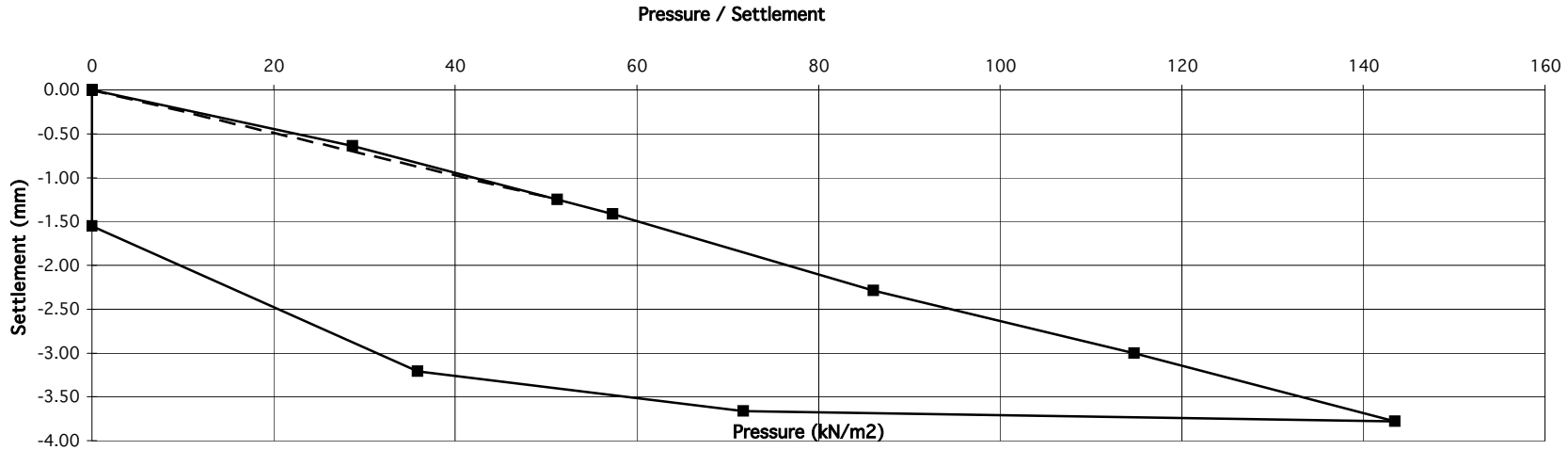
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 41

Modulus of subgrade reaction = 26 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 2.8 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105275
Contract	PPK3
Test No.	PBT 90 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

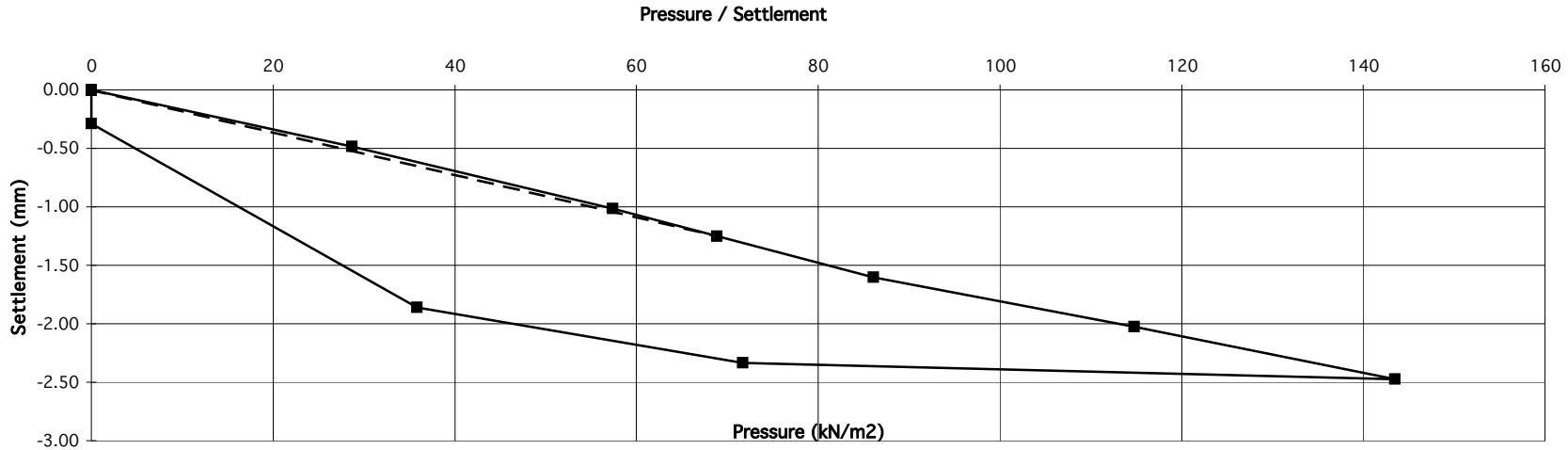
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 55

Modulus of subgrade reaction = 35 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 4.7 %

PLATE TEST REPORT SHEET (F3.1)

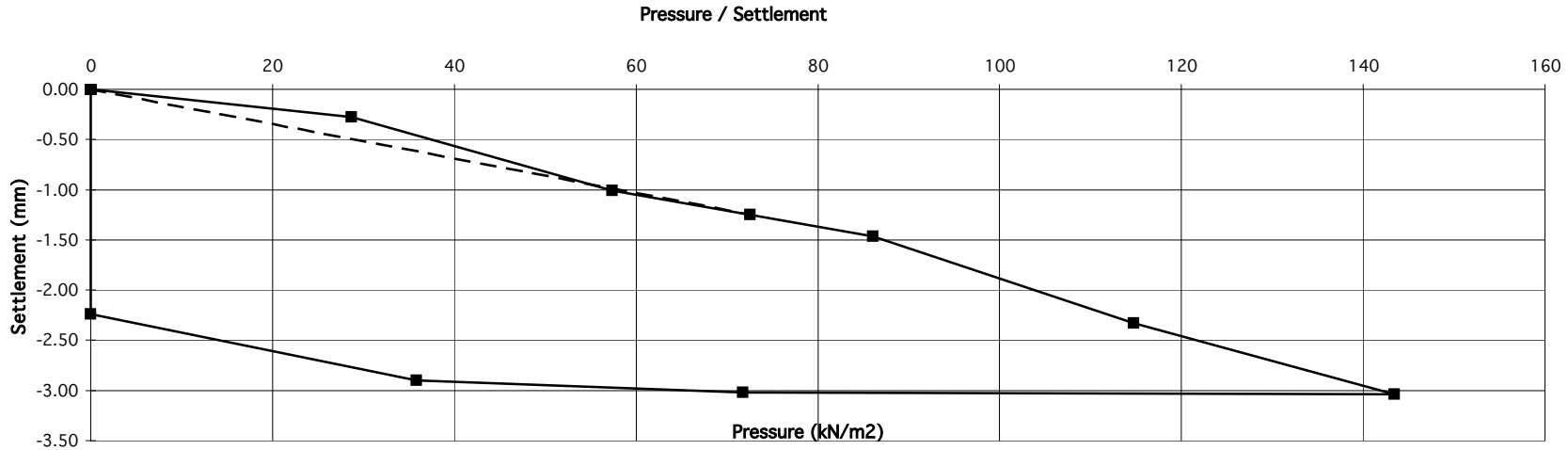
Applied Pressure/Settlement Curve

Reference No.	R105297
Contract	PPK3
Test No.	PBT 96 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Cunningham
Authorised by	
Date	09/09/2019

Description of soil under test
(natural soil, placed fill, sub-base)
Brown gravelly silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 58
Modulus of subgrade reaction = 37 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 5.1 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105299
Contract	PPK3
Test No.	PBT 94 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Cunningham
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

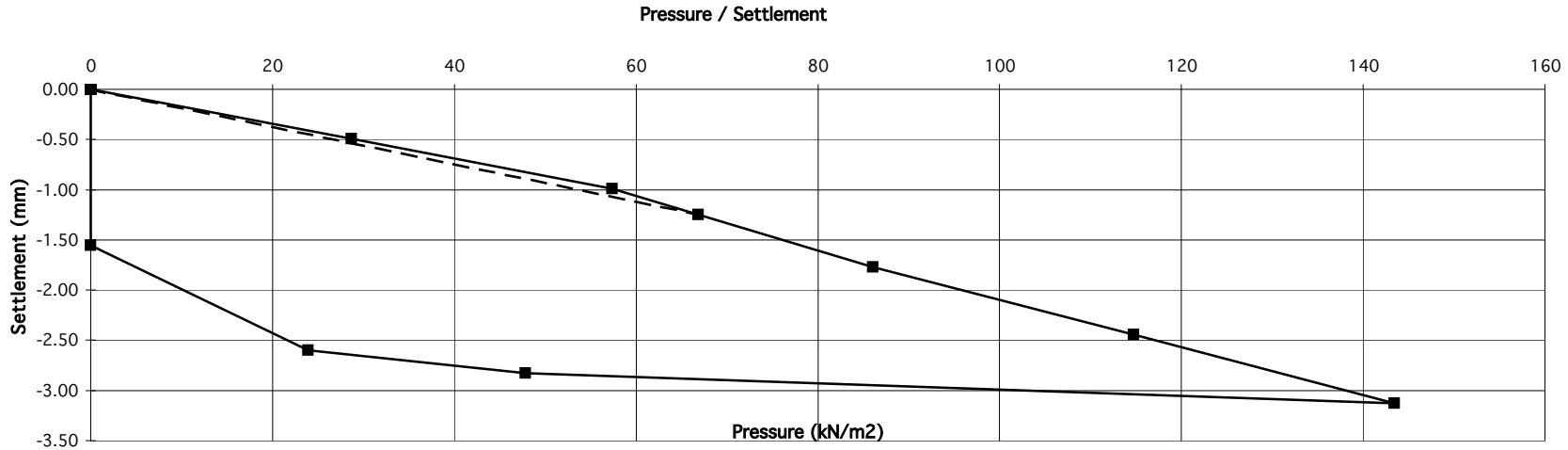
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 53

Modulus of subgrade reaction = 34 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 4.4 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105299
Contract	PPK3
Test No.	PBT 94 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Cunningham
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

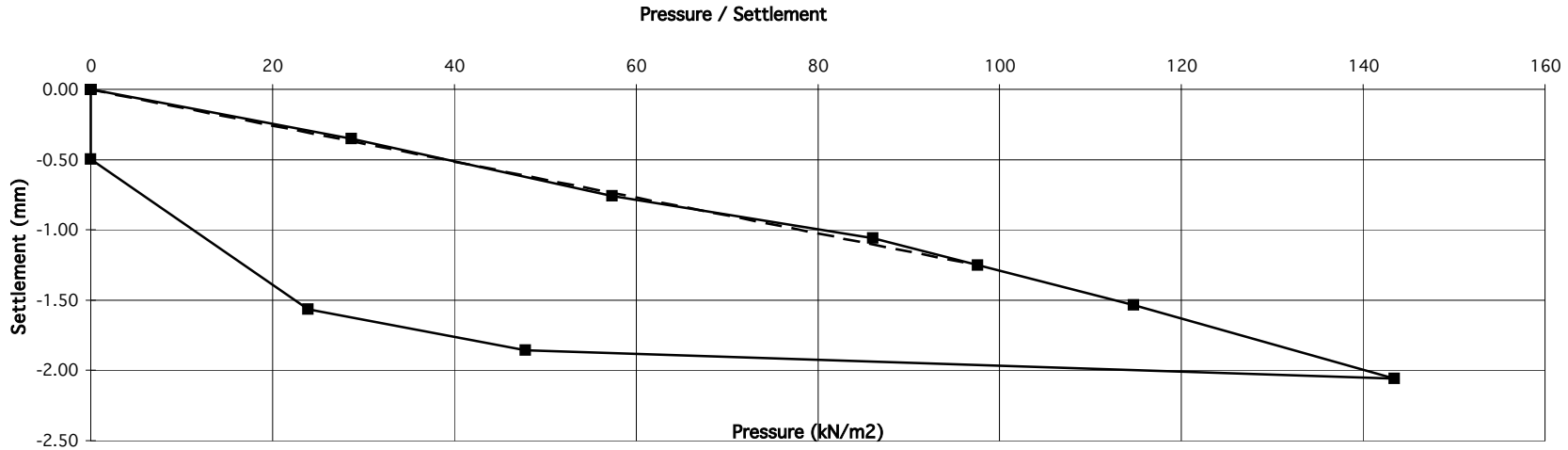
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 78

Modulus of subgrade reaction = 50 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 8.5 %

PLATE TEST REPORT SHEET (F3.1)

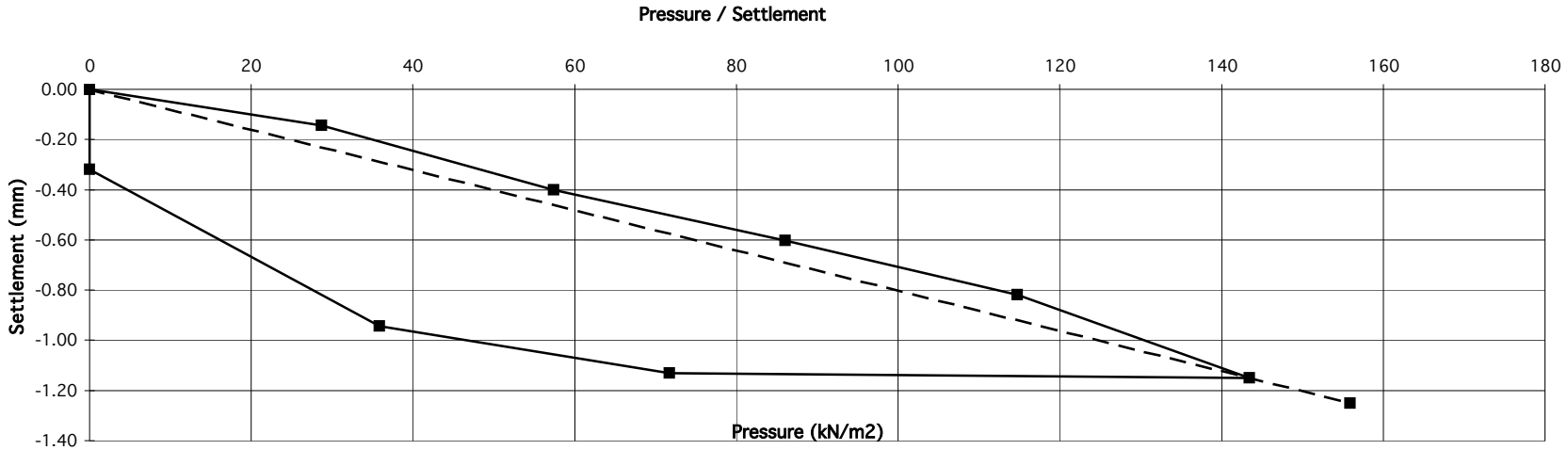
Applied Pressure/Settlement Curve

Reference No.	R105297
Contract	PPK3
Test No.	PBT 96 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Cunningham
Authorised by	
Date	09/09/2019

Description of soil under test
(natural soil, placed fill, sub-base)
Brown gravelly silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 125
Modulus of subgrade reaction = 80 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 19.2 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

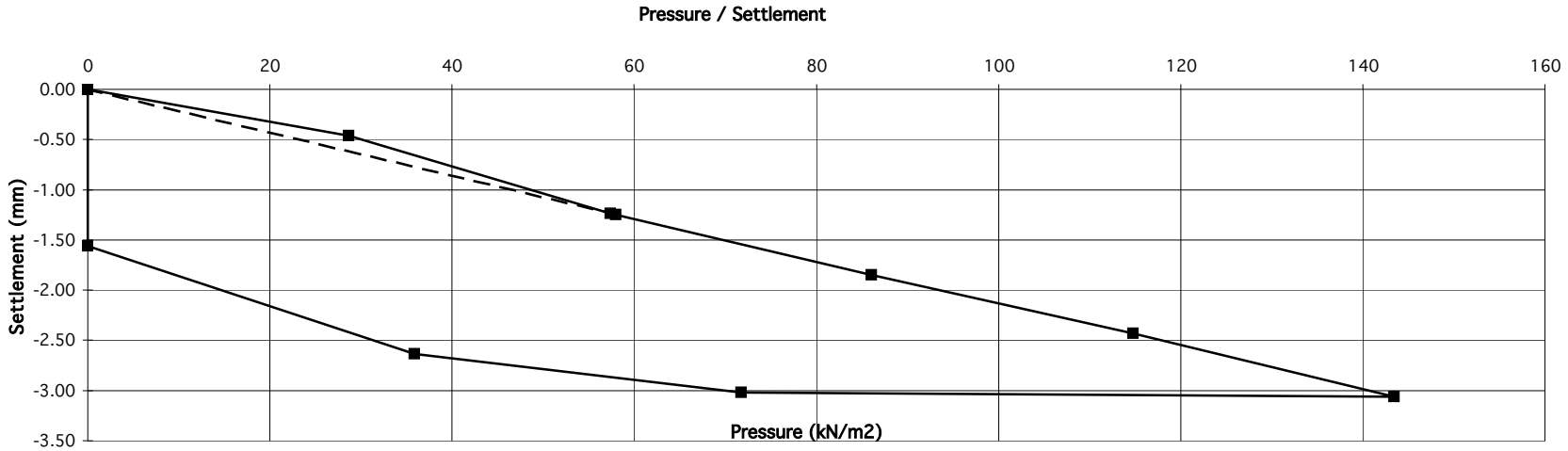
Reference No.	R105300
Contract	PPK3
Test No.	PBT 98 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Cunningham
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 46
Modulus of subgrade reaction = 30 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 3.5 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

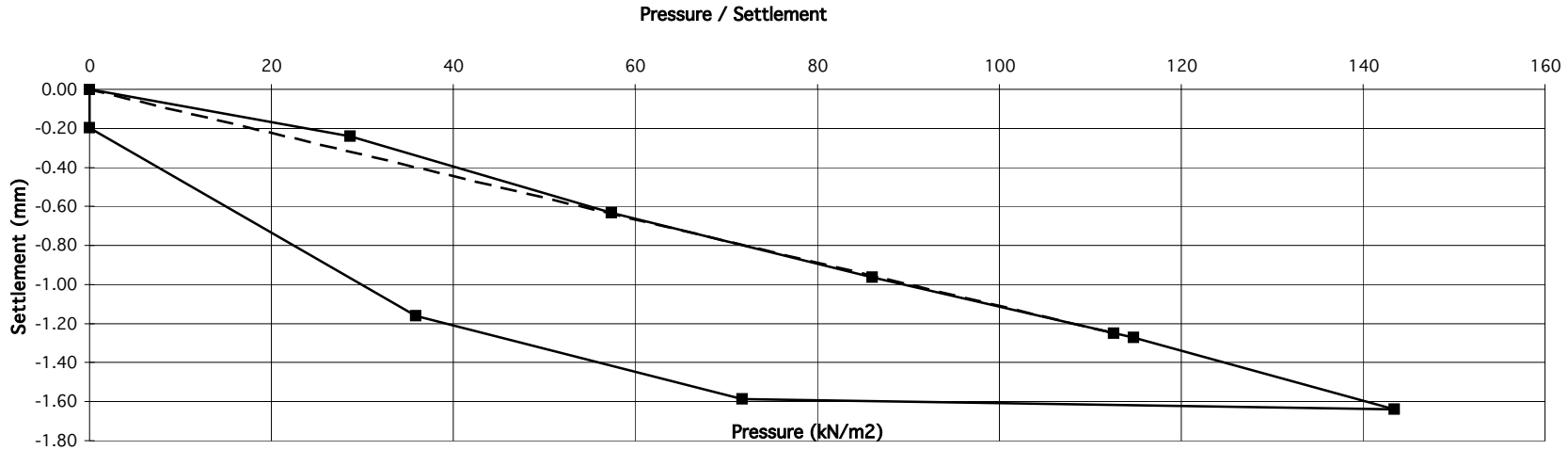
Reference No.	R105300
Contract	PPK3
Test No.	PBT 98 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Hannon
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)

Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 90
Modulus of subgrade reaction = 58 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 10.9 %

PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105298
Contract	PPK3
Test No.	PBT 100 Load
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Cunningham
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base)

Brown silty clay

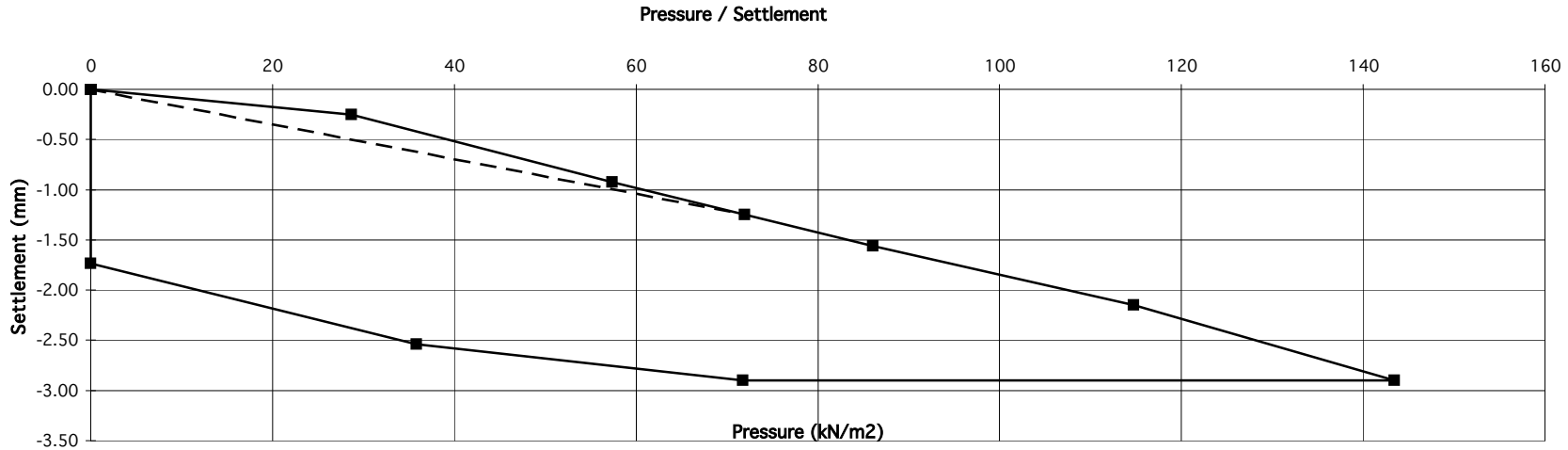
Easting (m)

Northing (m)

Ground Level (mOD)

Sample Ref No. N/A

Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 58

Modulus of subgrade reaction = 37 MPa/m

Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 5.0 %

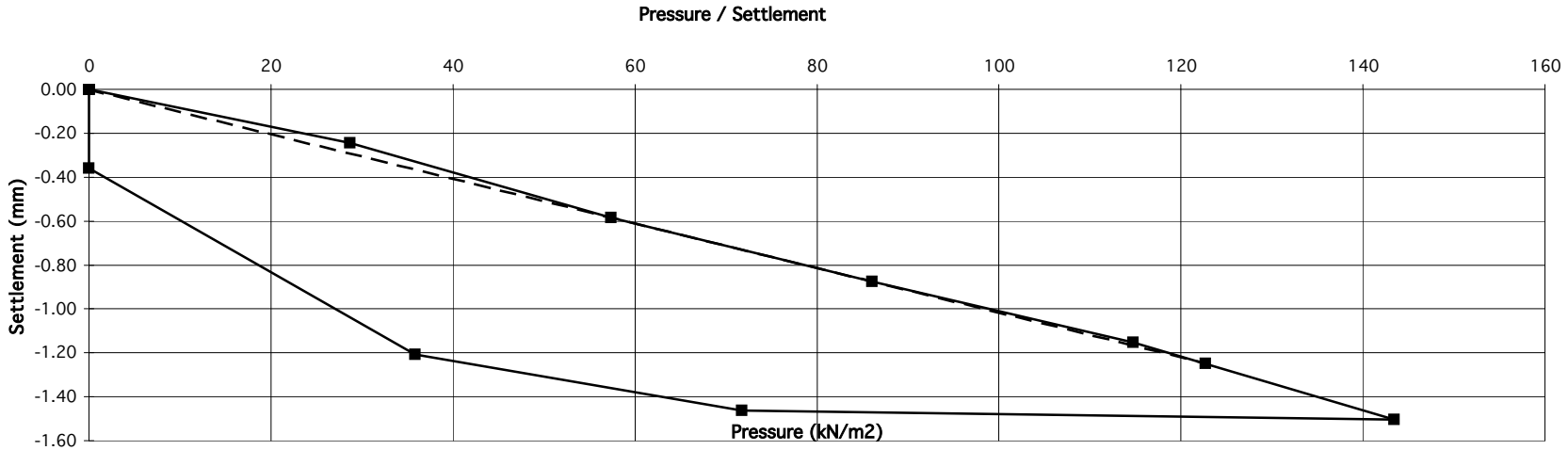
PLATE TEST REPORT SHEET (F3.1)

Applied Pressure/Settlement Curve

Reference No.	R105298
Contract	PPK3
Test No.	PBT 100 Reload
Location	Profile Park
Depth	500mm
Client	PM
Plate Diameter:	450 mm
Test Method	BS 1377: Part 9: 1990 Test4 - Incremental Loading Test
Technician	Sean Cunningham
Authorised by	
Date	09/09/2019

Description of soil under test (natural soil, placed fill, sub-base): Brown silty clay

Easting (m)
Northing (m)
Ground Level (mOD)
Sample Ref No. N/A
Depth 0.00 m bgl



Gradient at 1.25 mm settlement intersection = 98
Modulus of subgrade reaction = 63 MPa/m
Correction factor applied = 0.64 as per HD 25-26/10

Equivalent CBR value in accordance with NRA HD25-26/10 12.7 %