



永昇建设私人有限公司

YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

DESIGN & BUILD FOR PROPOSED DRAIN AND EARTHWORK AT ST2 AND ST3 SUNGEI TENGAH ROAD

Trial Pit Report



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

Contents

Sections	Description	Page
1	Introduction	3
2	Scope of Works	
2.1	General	3
2.2	Methodology	3
3	Inspection Photographs and Assessment	
3.1	Location of Trial Pits for ST3A and ST2	4 – 6
3.2	Photographs and Visual Finding on Trial Pits	7 – 40
4	Conclusion	41



永昇建设私人有限公司 YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

1. Introduction

Site clearance work to plot ST3A and ST2 at Sungei Tengah has been conducted and completed early 2023 by SFA. YONGSHENG E&C Pte. Ltd. as the appointed contractor has performed tree felling, soil profiling and internal drainage to the site. On top of the trial pit information which will be elaborated further in this report. Soil investigation with soil profile and SPT values has also been conducted on site and concluded in a separate report.

Hence, the trial pit report will mainly focus on visual finding such as abnormality in the soil profile, debris and/or underground organic debris. The trial pit was conducted in between 23rd February 2023 to 27th February 2023.

2. Scope of Work

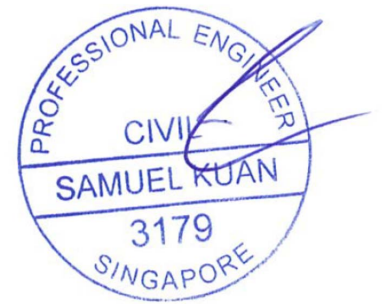
2.1 General

The scope of work consists of the following

- i. Site clearance to ST3A & ST2 plot with turfing and internal drainage;
- ii. Widening of drainage within drainage reserve to 2.2m width and min 1.6m depth;
- iii. Perform soil investigation to ST3A & ST2 (34 nos);
- iv. ***Perform trial holes to ST3A & ST2 (34 nos) – Cover in this report***

2.2 Methodology (Trial Pit)

Mini excavator was used in conducting the trial pit by excavating a pit size of 1.5m (Width) x 1.5m (Length) x 1.5m (Depth). Upon verifying the size of the trial pit, visual inspection will be carried out then followed by photograph taking as a record. Trial pit will then be backfilled with compaction. Area affected will be re-turfed.





永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

Table 1 concluded the coordinate for the trial pit conducted for ST3A and ST2.

S/N	Plot	Trial Pit No.	Coordinate
1	ST3A	Trial Pit No. 1	N41059.494, E16465.408
2		Trial Pit No. 2	N41067.672, E16418.367
3		Trial Pit No. 3	N41075.067, E16376.057
4		Trial Pit No. 4	N41082.098, E16336.240
5		Trial Pit No. 5	N41109.746, E16446.320
6		Trial Pit No. 6	N41117.298, E16405.298
7		Trial Pit No. 7	N41122.933, E16362.356
8	ST2	Trial Pit No. 8	N41288.301, E16403.297
9		Trial Pit No. 9	N41276.594, E16363.917
10		Trial Pit No. 10	N41248.696, E16395.570
11		Trial Pit No. 11	N41234.318, E16355.430
12		Trial Pit No. 12	N41205.673, E16393.563
13		Trial Pit No. 13	N41174.644, E16347.948
14		Trial Pit No. 14	N41276.067, E16490.129
15		Trial Pit No. 15	N41255.119, E16445.744
16		Trial Pit No. 16	N41228.712, E16481.447
17		Trial Pit No. 17	N41213.845, E16445.736
18		Trial Pit No. 18	N41192.501, E16476.208
19		Trial Pit No. 19	N41166.097, E16439.562
20		Trial Pit No. 20	N41293.881, E16530.621
21		Trial Pit No. 21	N41305.156, E16585.020
22		Trial Pit No. 22	N41271.443, E16559.825
23		Trial Pit No. 23	N41239.485, E16521.842
24		Trial Pit No. 24	N41235.474, E16562.959
25		Trial Pit No. 25	N41327.229, E16631.918
26		Trial Pit No. 26	N41275.101, E16629.662
27		Trial Pit No. 27	N41251.353, E16625.592
28		Trial Pit No. 28	N41221.866, E16619.498
29		Trial Pit No. 29	N41181.216, E16539.111



永昇建设私人有限公司

YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

30	ST2	Trial Pit No. 30	N41184.730, E16582.182
31		Trial Pit No. 31	N41172.933, E16625.630
32		Trial Pit No. 32	N41146.547, E16512.358
33		Trial Pit No. 33	N41144.539, E16560.828
34		Trial Pit No. 34	N41125.840, E16599.128



永昇建设私人有限公司 YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

3.2 Photographs and Visual Finding on Trial Pits

S/N	Photos				PE's Observation
Trial Pit No.1					No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
	(1.50)		0.00 DS 1 1.00 1.50	Firm dark yellowish brown and brown fine and medium Sandy SILT. (FILL) Ends at 1.5m	

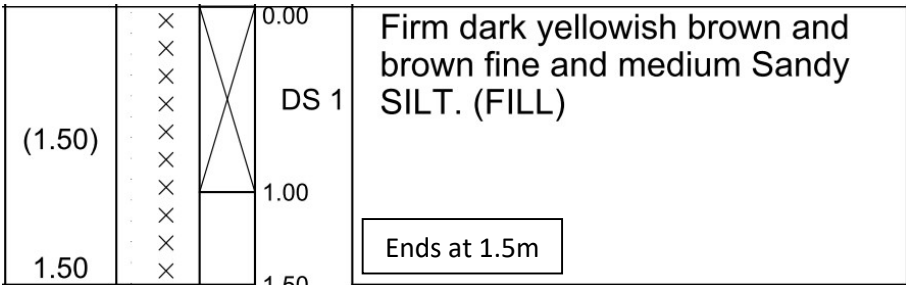


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.2		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation																	
Trial Pit No.3		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.																	
	<table> <tr> <td>(0.70)</td> <td>—</td> <td>0.00</td> <td rowspan="2">DS 1</td> <td rowspan="2">Soft to firm yellowish grey and yellowish brown fine Sandy Silty CLAY with coarse gravel. (FILL)</td> </tr> <tr> <td>0.70</td> <td>—</td> <td>0.70</td> </tr> <tr> <td rowspan="3">(0.80)</td> <td>—</td> <td>1.00</td> <td rowspan="3">DS 2</td> <td rowspan="3">Firm light brownish yellow, light reddish pink and yellowish grey slightly fine Sandy CLAY and some coarse gravel at top of layer. (FILL)</td> </tr> <tr> <td>—</td> <td>1.50</td> </tr> <tr> <td>1.50</td> <td colspan="2">Ends at 1.5m</td> </tr> </table>		(0.70)	—	0.00	DS 1	Soft to firm yellowish grey and yellowish brown fine Sandy Silty CLAY with coarse gravel. (FILL)	0.70	—	0.70	(0.80)	—	1.00	DS 2	Firm light brownish yellow, light reddish pink and yellowish grey slightly fine Sandy CLAY and some coarse gravel at top of layer. (FILL)	—	1.50	1.50	Ends at 1.5m
(0.70)	—	0.00	DS 1	Soft to firm yellowish grey and yellowish brown fine Sandy Silty CLAY with coarse gravel. (FILL)															
0.70	—	0.70																	
(0.80)	—	1.00	DS 2	Firm light brownish yellow, light reddish pink and yellowish grey slightly fine Sandy CLAY and some coarse gravel at top of layer. (FILL)															
	—	1.50																	
	1.50	Ends at 1.5m																	

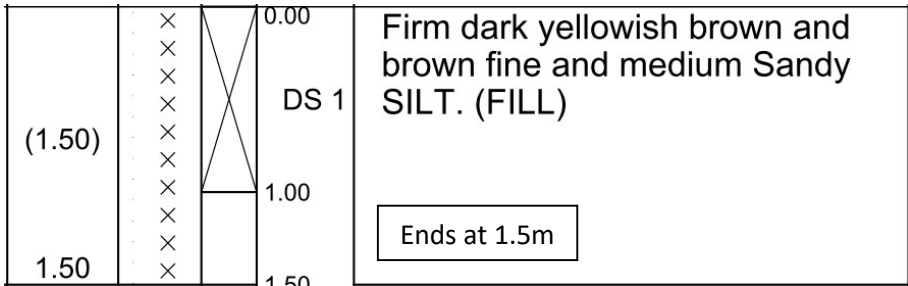


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

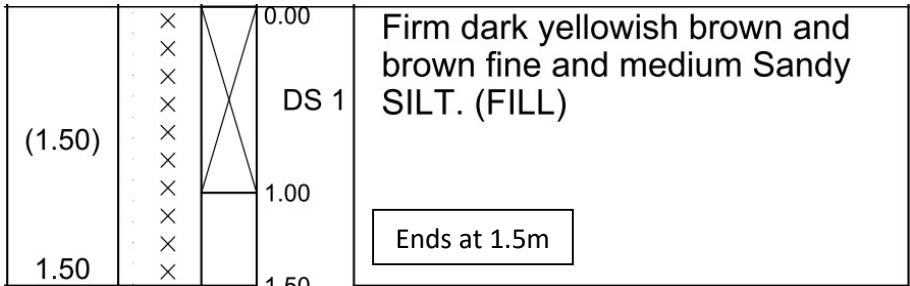
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.4		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880
T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.5		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation																							
Trial Pit No.6		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.																							
	<table><tr><td>(0.70)</td><td>—</td><td>0.00</td><td rowspan="3">DS 1</td><td rowspan="3">Soft to firm yellowish grey and yellowish brown fine Sandy Silty CLAY with coarse gravel. (FILL)</td></tr><tr><td>0.70</td><td>—</td><td>0.70</td></tr><tr><td></td><td>—</td><td>1.00</td></tr><tr><td>(0.80)</td><td>—</td><td>1.50</td><td>DS 2</td><td rowspan="3">Firm light brownish yellow, light reddish pink and yellowish grey slightly fine Sandy CLAY and some coarse gravel at top of layer. (FILL)</td></tr><tr><td></td><td>—</td><td></td><td></td></tr><tr><td>1.50</td><td>—</td><td>Ends at 1.5m</td><td></td></tr></table>		(0.70)	—	0.00	DS 1	Soft to firm yellowish grey and yellowish brown fine Sandy Silty CLAY with coarse gravel. (FILL)	0.70	—	0.70		—	1.00	(0.80)	—	1.50	DS 2	Firm light brownish yellow, light reddish pink and yellowish grey slightly fine Sandy CLAY and some coarse gravel at top of layer. (FILL)		—			1.50	—	Ends at 1.5m
(0.70)	—	0.00	DS 1	Soft to firm yellowish grey and yellowish brown fine Sandy Silty CLAY with coarse gravel. (FILL)																					
0.70	—	0.70																							
	—	1.00																							
(0.80)	—	1.50	DS 2	Firm light brownish yellow, light reddish pink and yellowish grey slightly fine Sandy CLAY and some coarse gravel at top of layer. (FILL)																					
	—																								
1.50	—	Ends at 1.5m																							



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation															
Trial Pit No.7		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.															
	<table><tr><td>(0.30)</td><td>—</td><td>0.00</td><td rowspan="2">DS 1</td><td rowspan="2">Firm reddish orange and olive grey Sandy Silty CLAY with gravel. (FILL)</td></tr><tr><td>0.30</td><td>×</td><td>0.30</td></tr><tr><td>(1.20)</td><td>×</td><td>1.00</td><td>DS 2</td><td rowspan="2">Loose brownish yellow Silty Clayey fine and medium SAND. (FILL)</td></tr><tr><td>1.50</td><td>×</td><td>1.50</td></tr></table>		(0.30)	—	0.00	DS 1	Firm reddish orange and olive grey Sandy Silty CLAY with gravel. (FILL)	0.30	×	0.30	(1.20)	×	1.00	DS 2	Loose brownish yellow Silty Clayey fine and medium SAND. (FILL)	1.50	×
(0.30)	—	0.00	DS 1	Firm reddish orange and olive grey Sandy Silty CLAY with gravel. (FILL)													
0.30	×	0.30															
(1.20)	×	1.00	DS 2	Loose brownish yellow Silty Clayey fine and medium SAND. (FILL)													
1.50	×	1.50															



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation																	
Trial Pit No.8		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.																	
	<table><tr><td>(0.30)</td><td>—</td><td>0.00</td><td>DS 1</td><td rowspan="2">Firm reddish orange and olive grey Sandy Silty CLAY with gravel. (FILL)</td></tr><tr><td>(1.20)</td><td>x</td><td>0.30</td><td>DS 2</td></tr><tr><td>1.50</td><td>x</td><td>1.00</td><td></td><td rowspan="2">Loose brownish yellow Silty Clayey fine and medium SAND. (FILL)</td></tr><tr><td></td><td>x</td><td>1.50</td><td></td></tr></table>		(0.30)	—	0.00	DS 1	Firm reddish orange and olive grey Sandy Silty CLAY with gravel. (FILL)	(1.20)	x	0.30	DS 2	1.50	x	1.00		Loose brownish yellow Silty Clayey fine and medium SAND. (FILL)		x	1.50
(0.30)	—	0.00	DS 1	Firm reddish orange and olive grey Sandy Silty CLAY with gravel. (FILL)															
(1.20)	x	0.30	DS 2																
1.50	x	1.00		Loose brownish yellow Silty Clayey fine and medium SAND. (FILL)															
	x	1.50																	



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation																	
Trial Pit No.9		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.																	
	<table><tr><td>(0.30)</td><td>—</td><td>0.00</td><td>DS 1</td><td rowspan="2">Firm reddish orange and olive grey Sandy Silty CLAY with gravel. (FILL)</td></tr><tr><td>0.30</td><td>x</td><td>0.30</td><td>DS 2</td></tr><tr><td>(1.20)</td><td>x</td><td>1.00</td><td></td><td rowspan="2">Loose brownish yellow Silty Clayey fine and medium SAND. (FILL)</td></tr><tr><td>1.50</td><td>x</td><td>1.50</td><td></td></tr></table>		(0.30)	—	0.00	DS 1	Firm reddish orange and olive grey Sandy Silty CLAY with gravel. (FILL)	0.30	x	0.30	DS 2	(1.20)	x	1.00		Loose brownish yellow Silty Clayey fine and medium SAND. (FILL)	1.50	x	1.50
(0.30)	—	0.00	DS 1	Firm reddish orange and olive grey Sandy Silty CLAY with gravel. (FILL)															
0.30	x	0.30	DS 2																
(1.20)	x	1.00		Loose brownish yellow Silty Clayey fine and medium SAND. (FILL)															
1.50	x	1.50																	

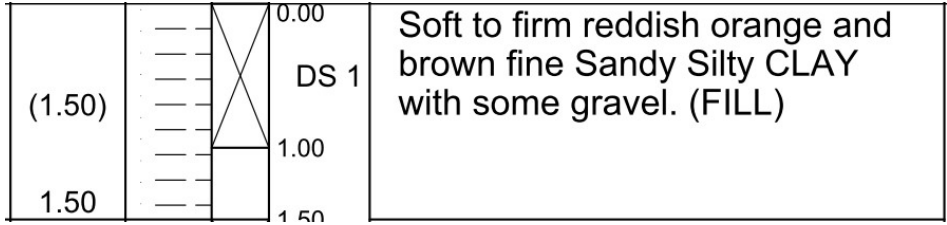


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.10		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.11		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
	(1.50) 1.50 0.00 DS 1 1.00 1.50 Soft to firm reddish orange and brown fine Sandy Silty CLAY with some gravel. (FILL)	

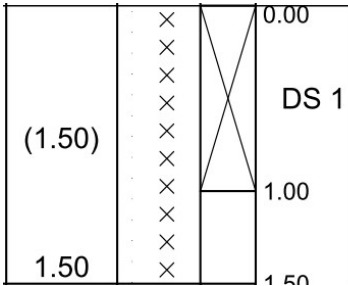


永昇建设私人有限公司 YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.12		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		Firm dark yellowish brown and brown fine and medium Sandy SILT. (FILL)



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880
T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.13		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation			
Trial Pit No.14		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.			
	<table> <tr> <td>(1.50)</td> <td> • × • × • × • × • × • × • × • × • × • × </td> <td>  </td> <td> Firm dark brownish yellow, reddish orange and olive grey Gravelly Sandy SILT. (FILL) </td> </tr> </table>		(1.50)	• × • × • × • × • × • × • × • × • × • ×	
(1.50)	• × • × • × • × • × • × • × • × • × • ×		Firm dark brownish yellow, reddish orange and olive grey Gravelly Sandy SILT. (FILL)		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation			
Trial Pit No.15		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.			
	<table><tr><td>(1.50)</td><td> • × • × • × • × • × • × • × • × • × • × </td><td></td><td>Firm dark brownish yellow, reddish orange and olive grey Gravelly Sandy SILT. (FILL)</td></tr></table>		(1.50)	• × • × • × • × • × • × • × • × • × • ×	
(1.50)	• × • × • × • × • × • × • × • × • × • ×		Firm dark brownish yellow, reddish orange and olive grey Gravelly Sandy SILT. (FILL)		

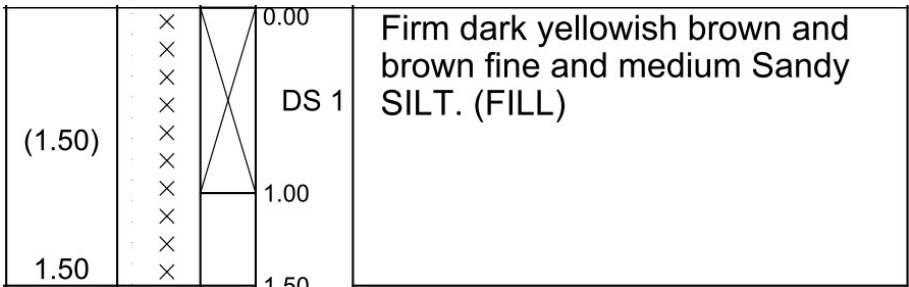


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

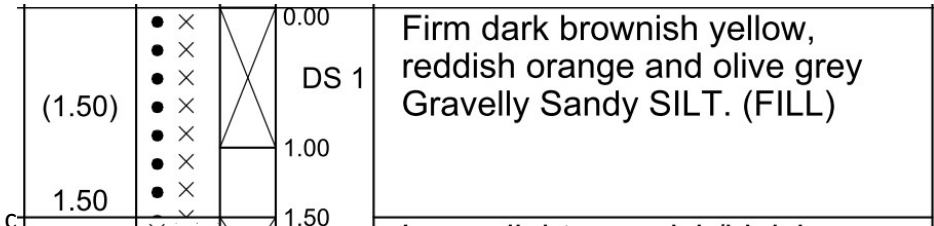
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.16		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

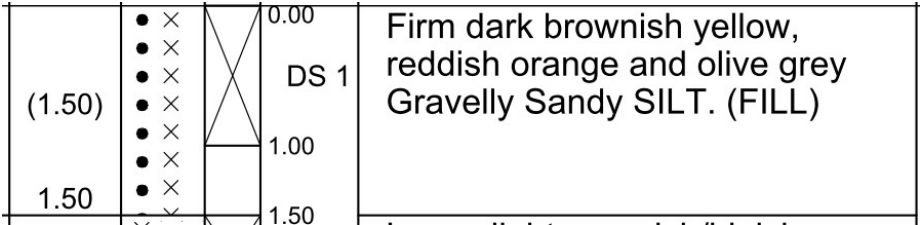
7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880
T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.17		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

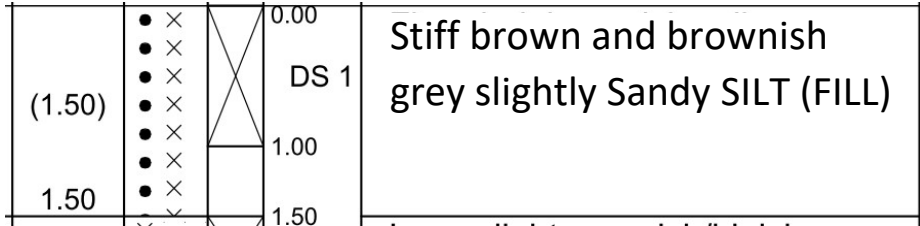
7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880
T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.18		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880
T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.19		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		

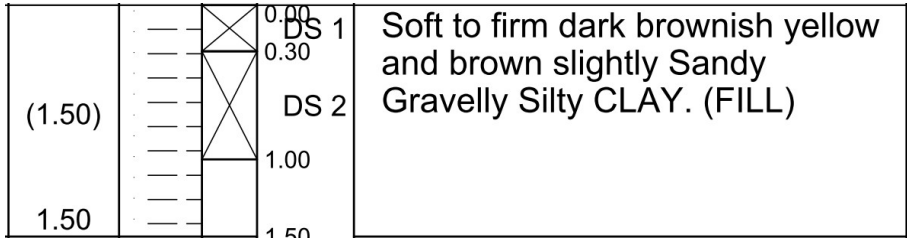


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.20		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		

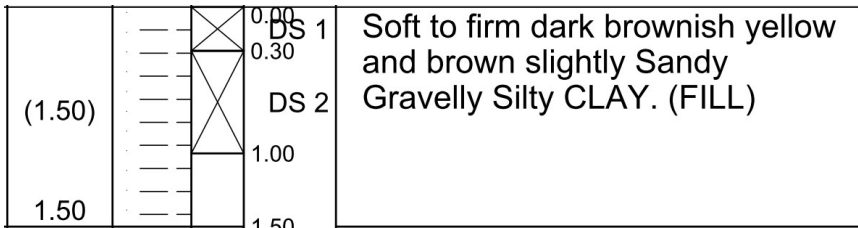


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.21		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		

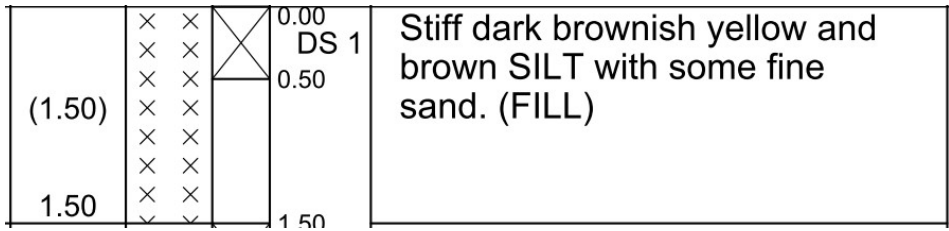


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

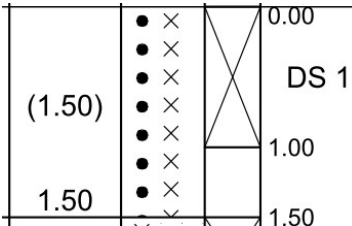
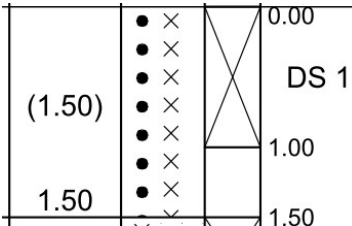
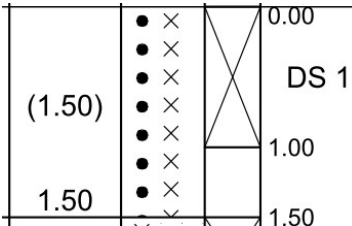
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.22		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880
T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation			
Trial Pit No.23		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.			
	<table> <tr> <td>(1.50)</td> <td> • × • × • × • × • × • × • × • × • × • × </td> <td>  </td> <td> Stiff brown and brownish grey slightly Sandy SILT (FILL) </td> </tr> </table>		(1.50)	• × • × • × • × • × • × • × • × • × • ×	
(1.50)	• × • × • × • × • × • × • × • × • × • ×		Stiff brown and brownish grey slightly Sandy SILT (FILL)		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

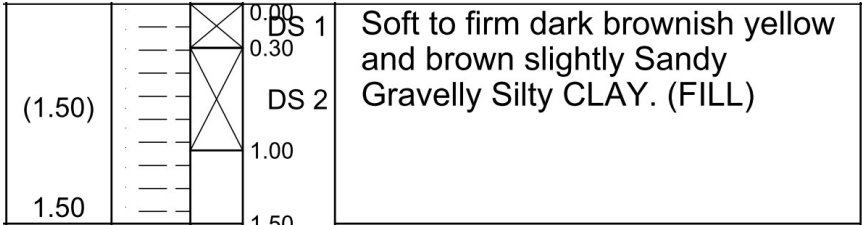
7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880
T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation																															
Trial Pit No.24		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.																															
	<table border="1"> <tr> <td rowspan="10">(1.50)</td> <td>×</td> <td rowspan="10">  </td> <td>0.00</td> <td rowspan="10"> Firm reddish orange and brownish yellow fine and medium Sandy SILT. (FILL) </td> </tr> <tr><td>×</td><td>DS 1</td><td></td></tr> <tr><td>×</td><td></td><td>0.80</td></tr> <tr><td>×</td><td></td><td></td></tr> <tr><td>×</td><td></td><td></td></tr> <tr><td>×</td><td></td><td></td></tr> <tr><td>×</td><td></td><td></td></tr> <tr><td>×</td><td></td><td></td></tr> <tr><td>×</td><td></td><td></td></tr> <tr><td>×</td><td>1.50</td><td></td></tr> </table>		(1.50)	×		0.00	Firm reddish orange and brownish yellow fine and medium Sandy SILT. (FILL)	×	DS 1		×		0.80	×			×			×			×			×			×			×	1.50
(1.50)	×			0.00		Firm reddish orange and brownish yellow fine and medium Sandy SILT. (FILL)																											
	×			DS 1																													
	×							0.80																									
	×																																
	×																																
	×																																
	×																																
	×																																
	×																																
	×		1.50																														



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880
T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.25		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		

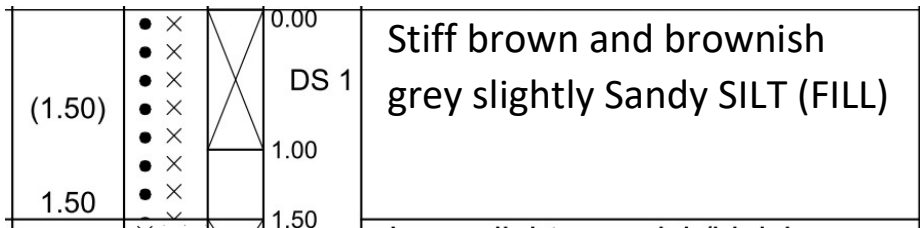


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.26		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation																			
Trial Pit No.27		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.																			
	<table border="1"> <tr> <td rowspan="10">(1.50)</td> <td>×</td> <td rowspan="10">  </td> <td>0.00</td> <td rowspan="10"> Firm reddish orange and brownish yellow fine and medium Sandy SILT. (FILL) </td> </tr> <tr><td>×</td><td>DS 1</td></tr> <tr><td>×</td><td>0.80</td></tr> <tr><td>×</td></tr> <tr><td>×</td></tr> <tr><td>×</td></tr> <tr><td>×</td></tr> <tr><td>×</td></tr> <tr><td>×</td></tr> <tr><td>×</td></tr> <tr> <td>1.50</td> <td></td> <td>1.50</td> <td></td> </tr> </table>		(1.50)	×		0.00	Firm reddish orange and brownish yellow fine and medium Sandy SILT. (FILL)	×	DS 1	×	0.80	×	×	×	×	×	×	×	1.50		1.50
(1.50)	×			0.00		Firm reddish orange and brownish yellow fine and medium Sandy SILT. (FILL)															
	×			DS 1																	
	×			0.80																	
	×																				
	×																				
	×																				
	×																				
	×																				
	×																				
	×																				
1.50		1.50																			

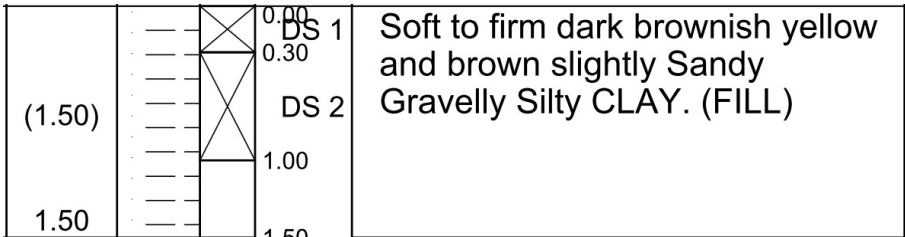


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.28		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880
T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg
Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation			
Trial Pit No.29		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.			
	<table> <tr> <td>(1.50)</td> <td> • × • × • × • × • × • × • × • × </td> <td>  </td> <td> Firm dark brownish yellow, reddish orange and olive grey Gravelly Sandy SILT. (FILL) </td> </tr> </table>		(1.50)	• × • × • × • × • × • × • × • ×	
(1.50)	• × • × • × • × • × • × • × • ×		Firm dark brownish yellow, reddish orange and olive grey Gravelly Sandy SILT. (FILL)		

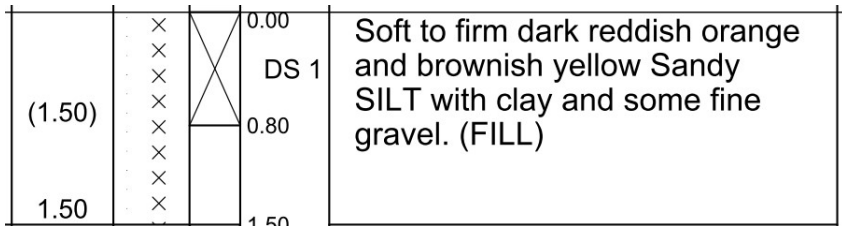


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.30		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.31		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.32		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation																																													
Trial Pit No.33		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.																																													
	<table><tr><td></td><td>×</td><td>×</td><td>0.00</td><td rowspan="2">DS 1</td><td rowspan="2">Stiff dark brownish yellow and brown SILT with some fine sand. (FILL)</td></tr><tr><td></td><td>×</td><td>×</td><td>0.50</td></tr><tr><td>(1.50)</td><td>×</td><td>×</td><td></td><td></td><td></td></tr><tr><td></td><td>×</td><td>×</td><td></td><td></td><td></td></tr><tr><td></td><td>×</td><td>×</td><td></td><td></td><td></td></tr><tr><td></td><td>×</td><td>×</td><td></td><td></td><td></td></tr><tr><td>1.50</td><td>×</td><td>×</td><td></td><td></td><td></td></tr><tr><td></td><td>×</td><td>×</td><td>1.50</td><td></td><td></td></tr></table>			×	×	0.00	DS 1	Stiff dark brownish yellow and brown SILT with some fine sand. (FILL)		×	×	0.50	(1.50)	×	×					×	×					×	×					×	×				1.50	×	×					×	×	1.50	
	×	×	0.00	DS 1	Stiff dark brownish yellow and brown SILT with some fine sand. (FILL)																																										
	×	×	0.50																																												
(1.50)	×	×																																													
	×	×																																													
	×	×																																													
	×	×																																													
1.50	×	×																																													
	×	×	1.50																																												

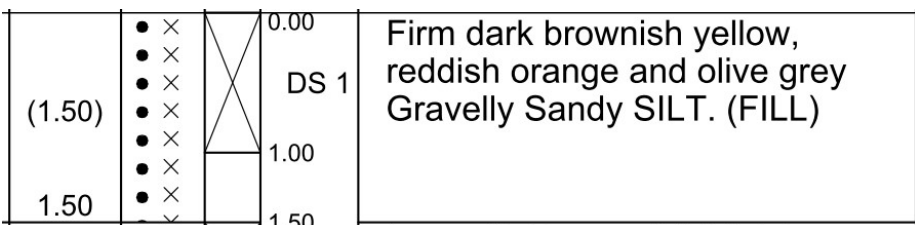


永昇建设私人有限公司
YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

S/N	Photos	PE's Observation
Trial Pit No.34		No abnormality found within excavated pit. Subsurface water not found within the trial pit. Soil profile and section to refer to Soil Investigation Report.
		



永昇建设私人有限公司

YONGSHENG E & C PTE LTD

7030 Ang Mo Kio Avenue 5 #03-40 Northstar Singapore 569880

T (65) 6659 5858 | F (65) 6659 3058 | Email: yongshengec@singnet.com.sg

Co. Reg. No.: 201717299D GST Reg. No.: 201717299D

4. Conclusion

Based on the 34 trial pits excavated throughout the site at ST3A and ST2, it is to conclude that there were no abnormalities found within the excavated pit of 1.5m in depth. Ground water was not seen in all the trial pits conducted. Details soil profiles and section can found in separate Soil Investigation Report conducted to the site. Most area at ST3A are at it original state of soil condition due to a cutting nature of the site and western side of ST2.

