



P O Box 1461, Westville, 3630, South Africa
 Tel: (031) 266-0458
 email: geosure@iafrica.com

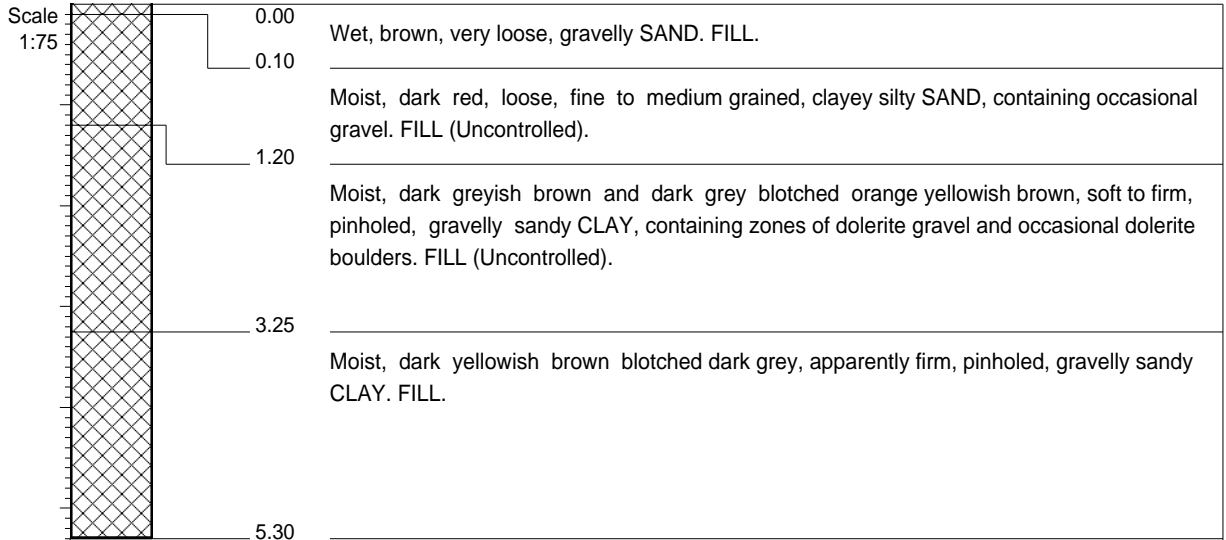
Geotechnical, Environmental &
 Groundwater Engineering
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 Engineering Laboratory

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Woodglaze Trading (Pty) Ltd
 Proposed Brookdale Rehabilitation Project,
 Phoenix, eThekwin Municipality,
 KwaZulu Natal

HOLE No: IP1
 Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

- 1) No groundwater seepage observed.
- 2) Natural ground level NOT encountered.
- 3) Final depth at 5.30m (full reach).

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 030 59'57.6"E
 Y-COORD : 29 41'18.5"S

HOLE No: IP1



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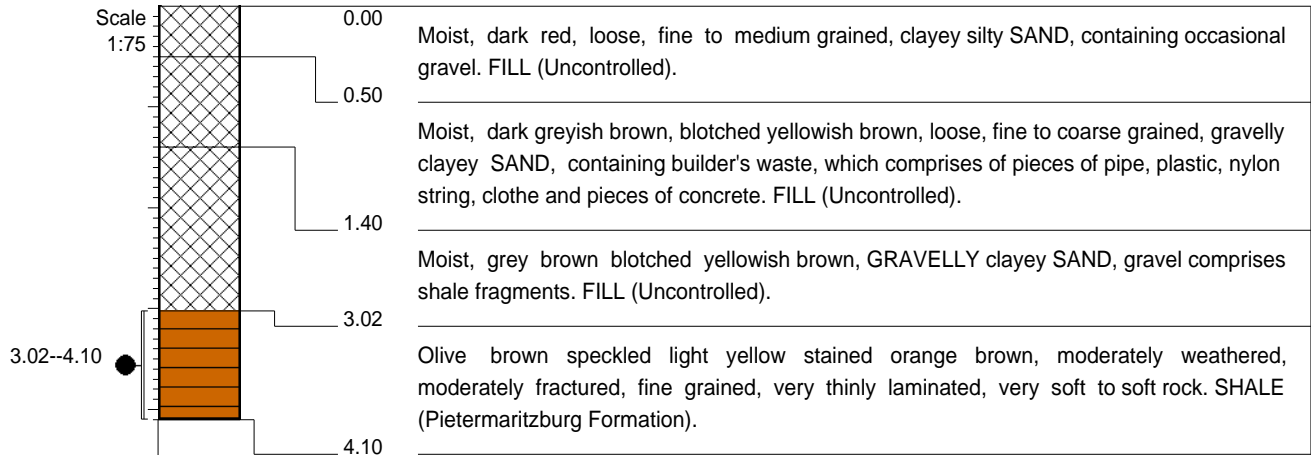
Woodglaze Trading (Pty) Ltd
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HOLE No: IP2
Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

- 1) Surface run-off from rain.
- 2) Collapsing sidewalls observed.
- 3) Sample taken at:
S1 3,02--4,10 (1 x Ind)
- 4) Slow advance of excavation at 4.10m on bedrock.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 030 59'58.1"E
Y-COORD : 29 41'19.0"S

HOLE No: IP2



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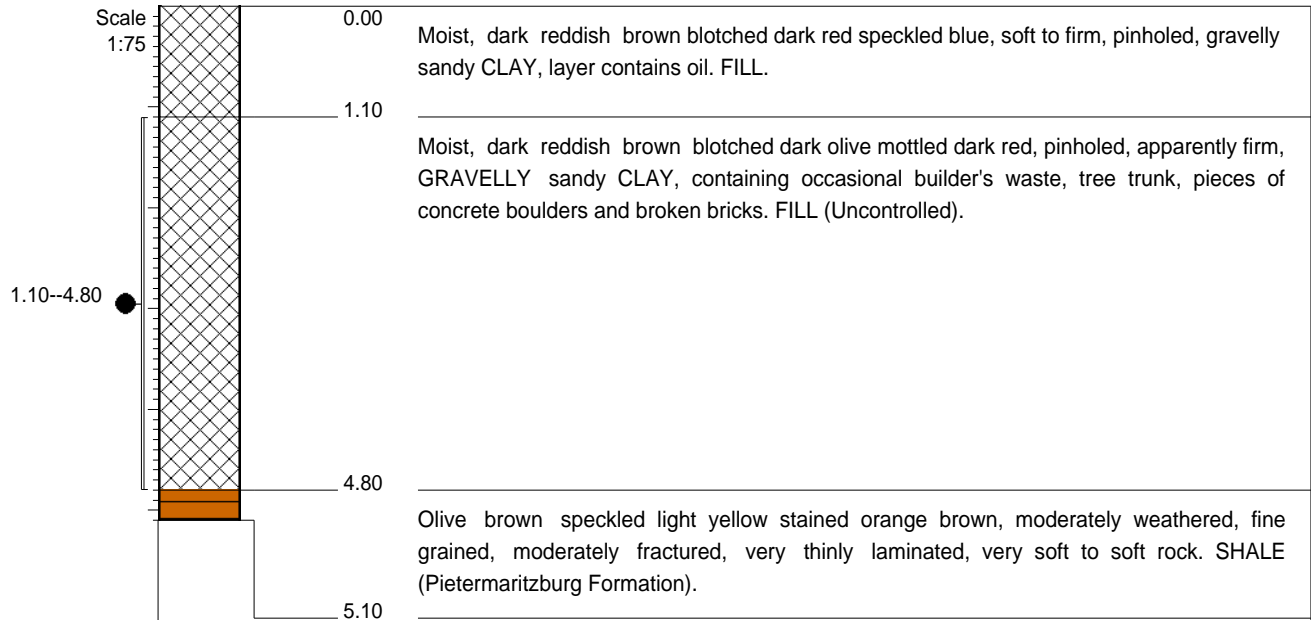
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Woodglaze Trading (Pty) Ltd
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 Phoenix, eThekweni Municipality,
 KwaZulu Natal

HOLE No: IP3
 Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

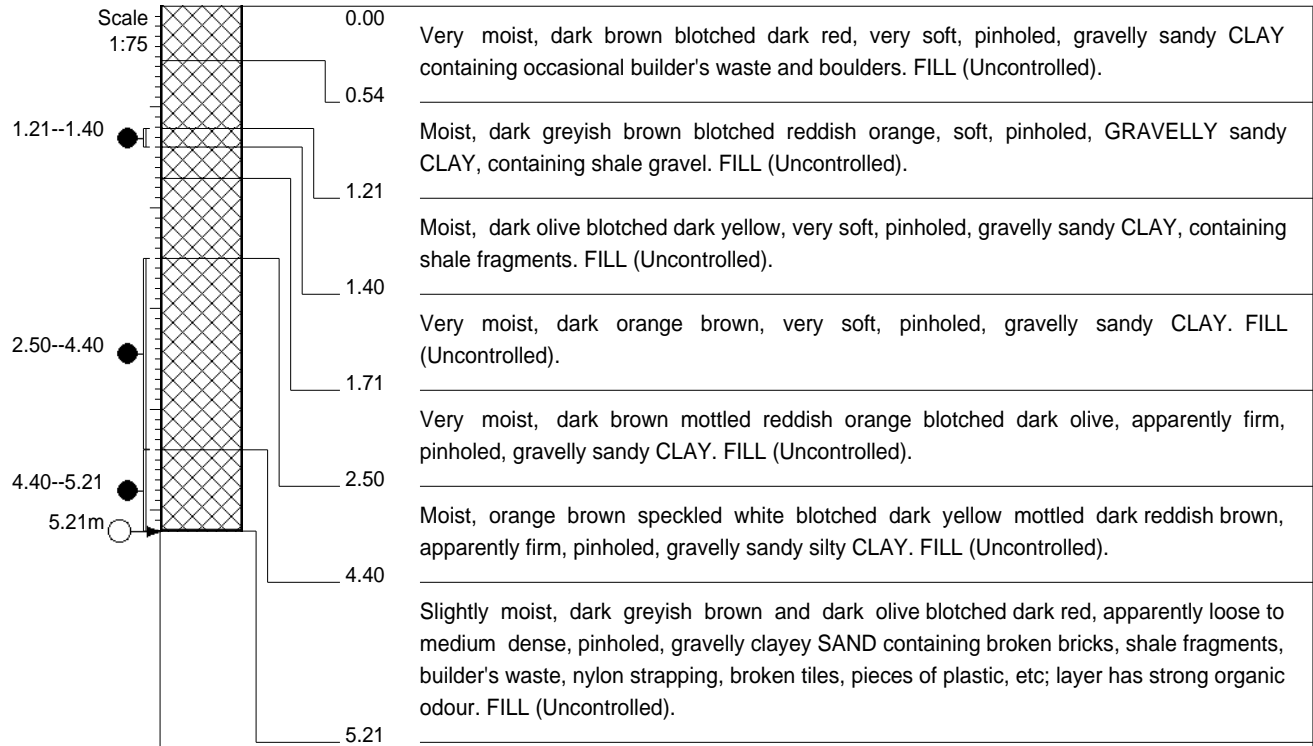
- 1) No groundwater seepage observed.
- 2) Slightly collapsing sidewalls.
- 3) Sample taken at:
 S1 1,10--4,80 (2 x Bulk) (1 x Ind)
- 4) Final depth at 5.1m due to full reach.

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 030 59'57.8"E
 Y-COORD : 29 41'20.1"S

HOLE No: IP3



NOTES

- 1) Slight groundwater seepage observed at 5.21m.
- 2) Collapsing sidewalls observed on upper layers.
- 3) Samples taken at:
S1 1,21--1,40 (1 x Ind)
S2 2,50--4,40 (2 x Bulk) (1 x Ind)
S3 4,40--5,21 (2 x Ind)
- 4) Final depth at 5.21m due to full reached machine.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 030 59'56.2"E
Y-COORD : 29 41'20.3"S



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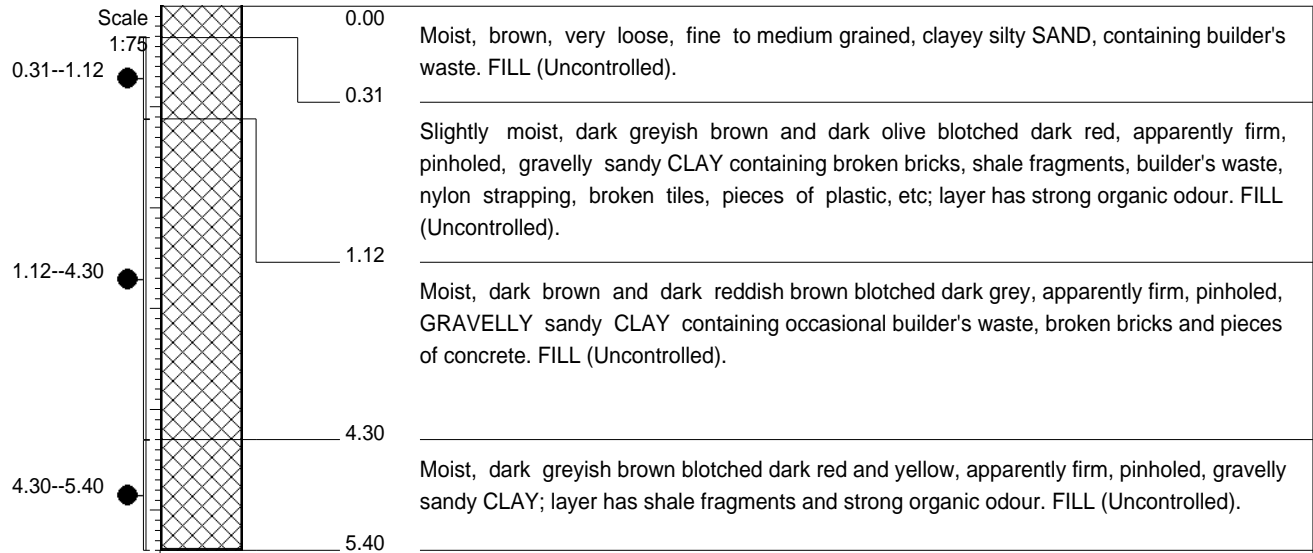
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HOLE No: IP5
Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

- 1) No groundwater seepage observed.
- 2) Samples taken at:
S1 0,31--1,12 (1 x Ind)
S2 1,12--4,30 (1 x Ind)
S3 4,30--5,40 (1 x Ind)
- 3) Final depth at 5.40m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 595'56.3"E
Y-COORD : 29 41'21.9"S

HOLE No: IP5



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HOLE No: IP6
Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

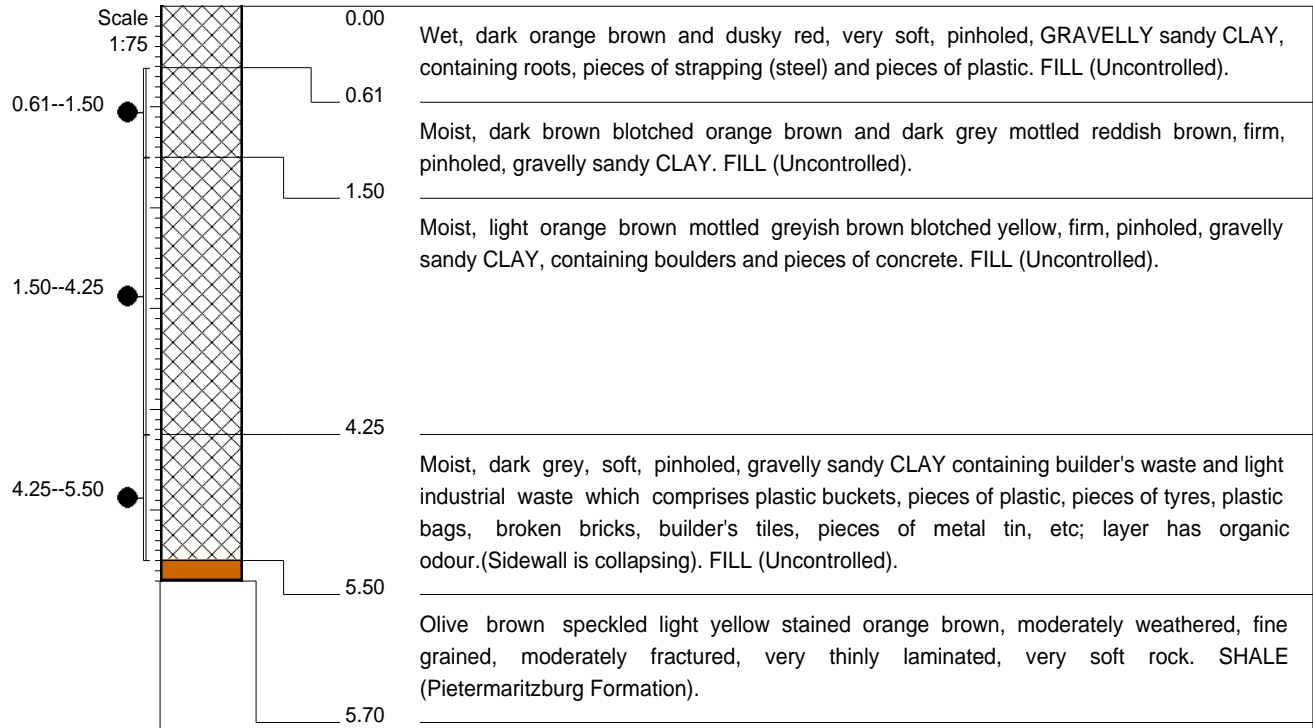
- 1) No groundwater seepage observed.
- 2) Samples taken at:
 - S1 0,01--0,52 (1 x Ind)
 - S2 0,52--2,40 (1 x Bulk) (2 x Ind)
 - S3 2,40--3,48 (1 x Ind)
 - S4 4,80--5,50 (1 x Ind)
- 3) Final depth at 5.50m due to full reach.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'56.8"E
Y-COORD : 29 41'22.4"S

HOLE No: IP6



NOTES

- 1) No groundwater seepage observed.
- 2) Samples taken at:
 S1 0,61--1,50 (1 x Ind)
 S2 1,50--4,25 (1 x Ind)
 S3 4,25--5,50 (2 x Bulk) (2 x Ind)
- 3) Final depth at 5.70m due to full reach.

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 30 59'58.5"E
 Y-COORD : 29 41'23.5"S



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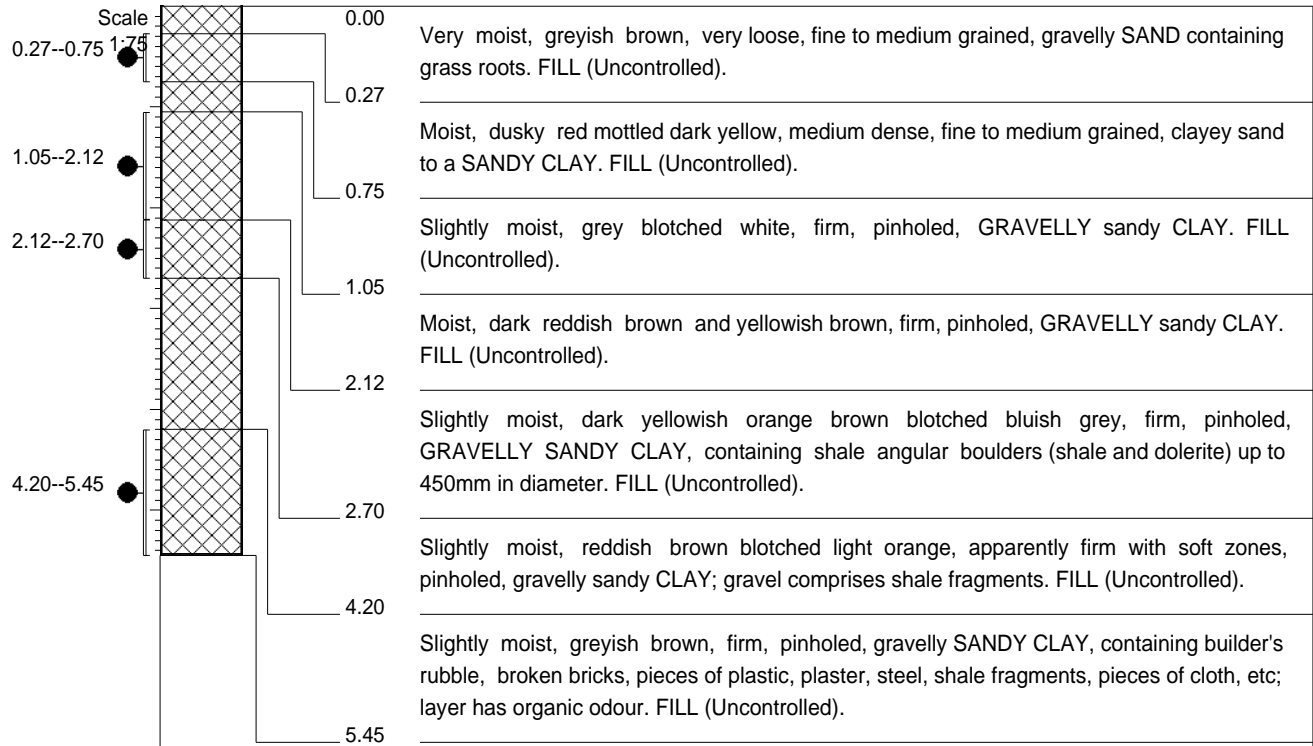
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HOLE No: IP8
Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

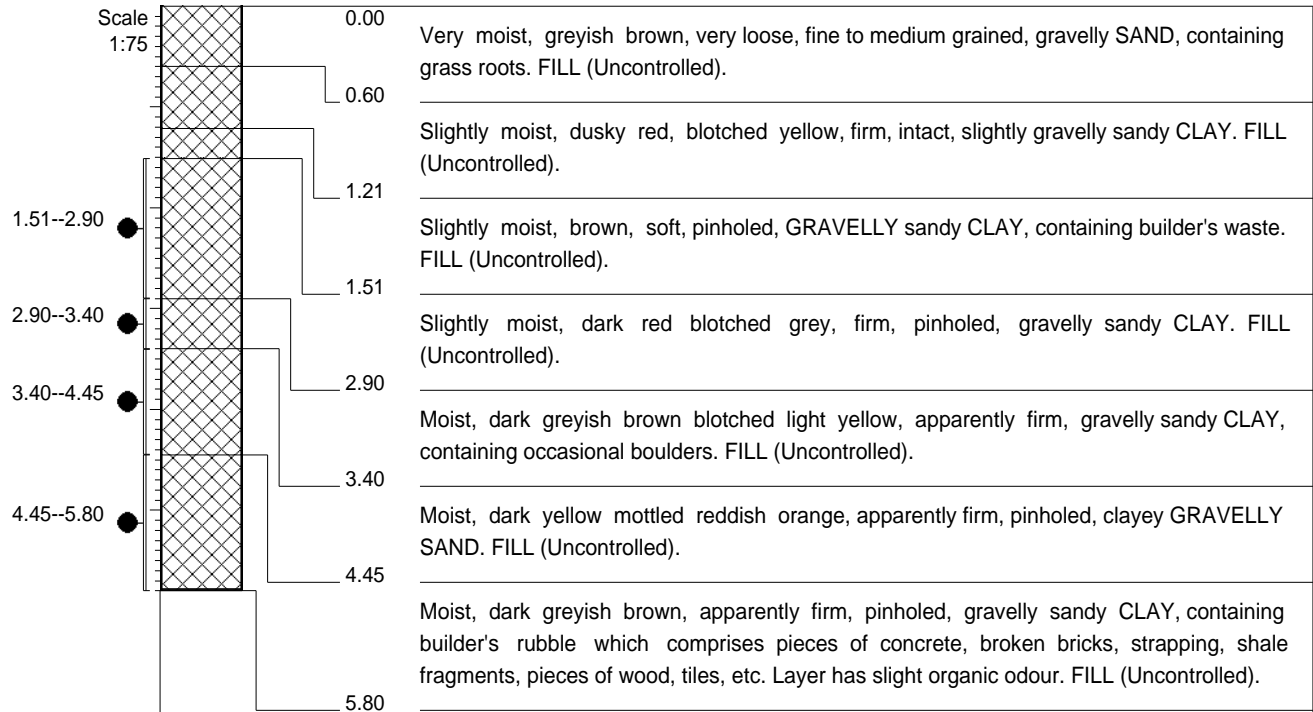
- 1) No groundwater seepage observed.
- 2) Samples taken at:
S1 0,27--0,75 (1 x Ind)
S2 1,05--2,12 (1 x Ind)
S3 2,12--2,70 (1 x Ind)
S4 4,20--5,45 (2 x Bulk) (1 x Ind)
- 3) Final depth at 5.45m due to full reach of excavator.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'56.6"E
Y-COORD : 29 41'23.6"S

HOLE No: IP8



NOTES

- 1) No groundwater seepage observed.
- 2) Samples taken at:
 - S1 1,51--2,90 (1 x Ind)
 - S2 2,90--3,40 (1 x Ind)
 - S3 3,40--4,45 (2 x Bulk) (1 x Ind)
 - S4 4,45--5,80 (1 x Ind)
- 3) Final depth at 5.80m due to full reach of excavator.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'55.0"E
Y-COORD : 29 41'23.7"S



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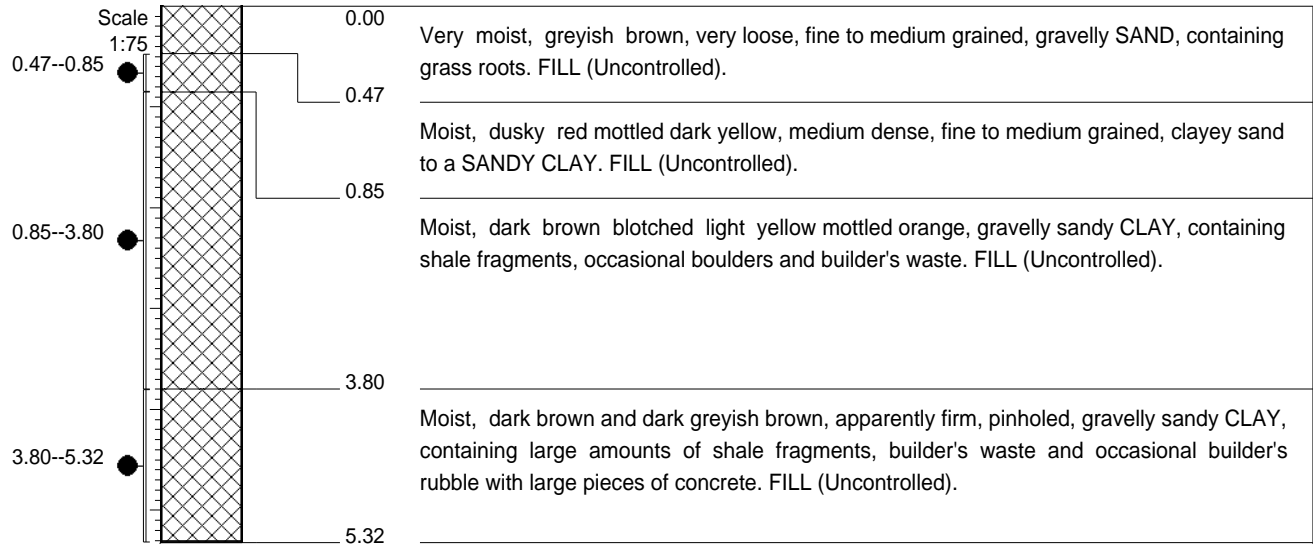
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HOLE No: IP10
 Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

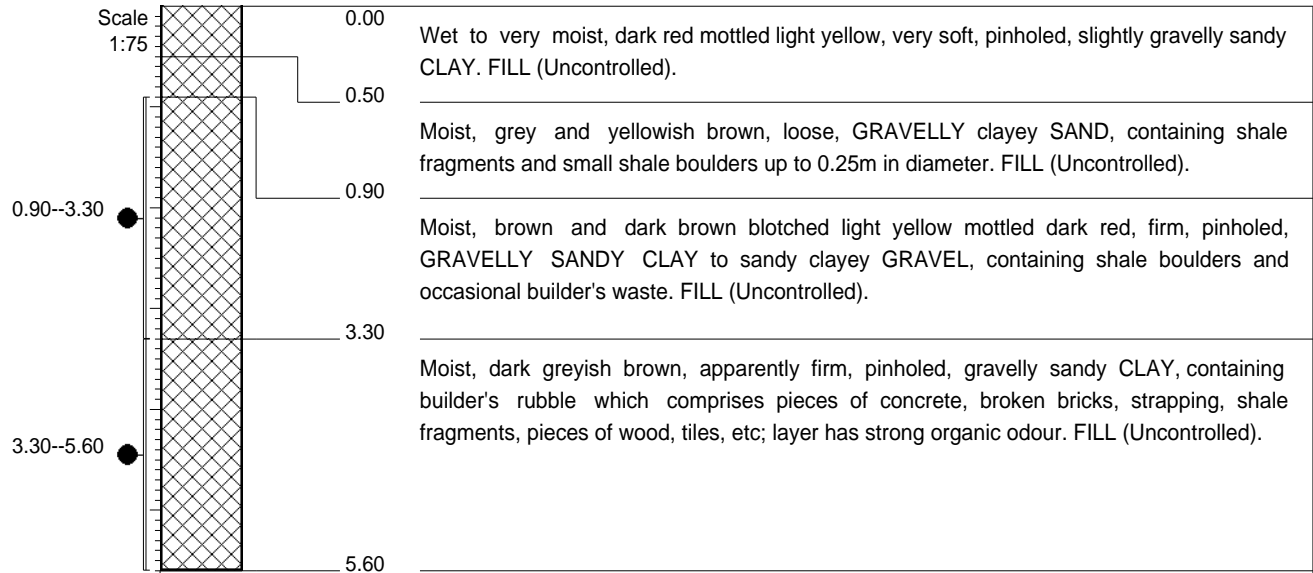
- 1) No groundwater seepage observed.
- 2) Samples taken at:
 S1 0,47--0,85 (1 x Ind)
 S2 0,85--3,80 (2 x Bulk) (1 x Ind)
 S3 3,80--5,32 (1 x Ind)
- 3) Final depth at 5.32m due to full reach of excavator.

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 30 59'53.3"E
 Y-COORD : 29 41'24.0"S

HOLE No: IP10



NOTES

- 1) No groundwater seepage observed, surface run-off from rain into inspection pit.
- 2) Samples taken at:
S1 0,90--3,30 (2 x Bulk) (1 x Ind)
S2 3,30--5,60 (1 x Ind)
- 3) Final depth at 5.60m due to full reach of excavator.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'57.9"E
Y-COORD : 29 41'26.1"S



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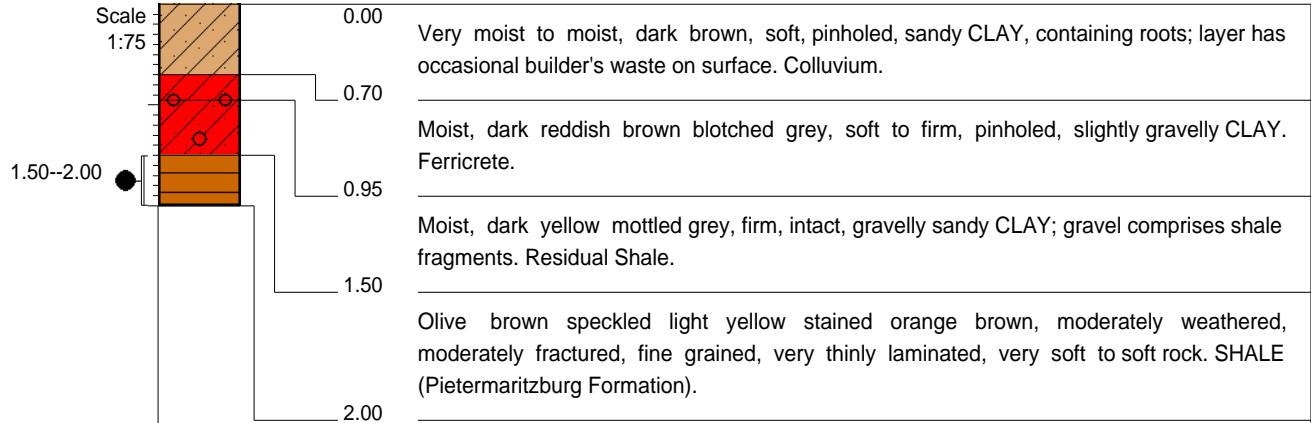
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HOLE No: IP12
Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

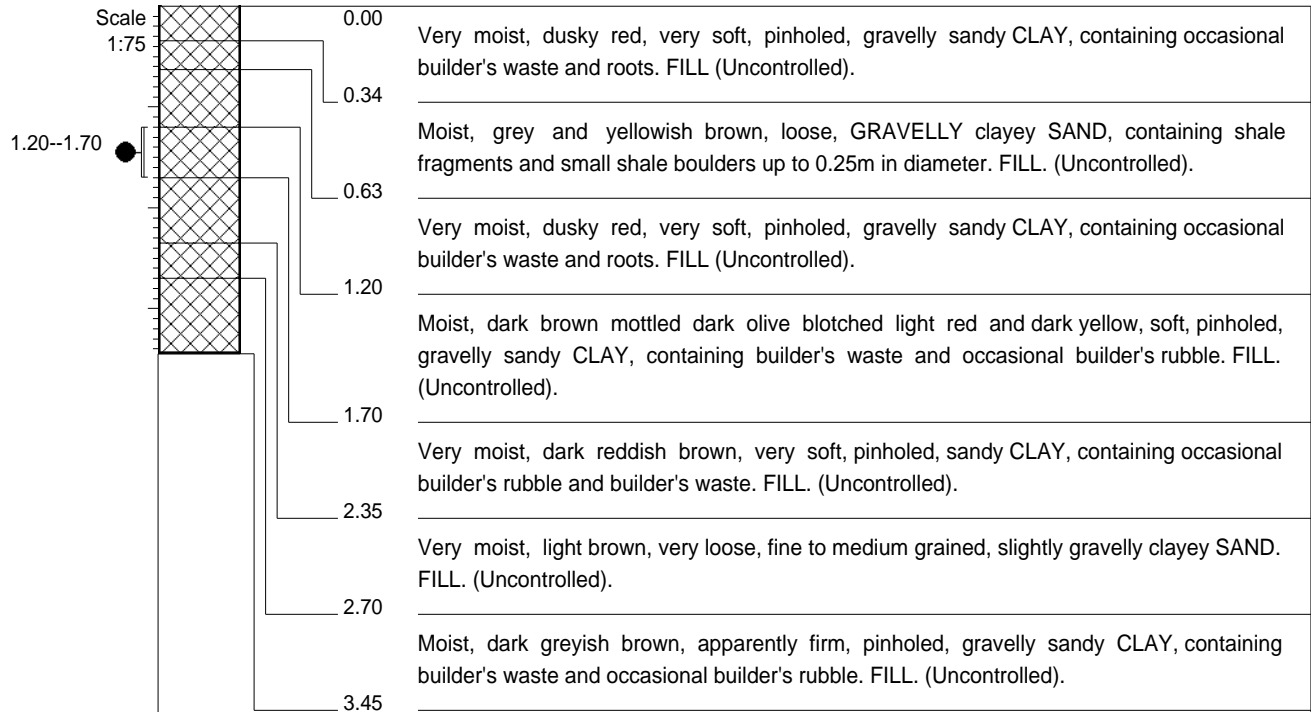
- 1) No groundwater seepage observed.
- 2) Samples taken at:
S1 1.50--2.00 (1 x Ind)
- 3) Final depth at 2.00m.

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 030 59' 59.9"E
 Y-COORD : 29 41'26.8"S

HOLE No: IP12



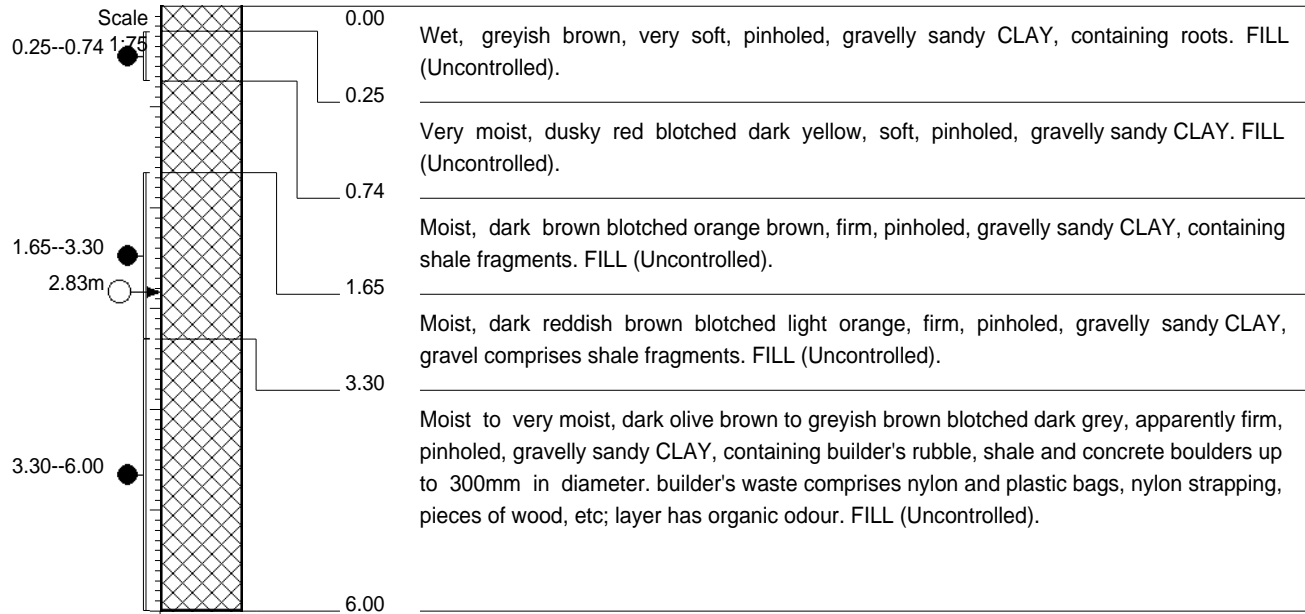
NOTES

- 1) No groundwater seepage observed.
- 2) Sample taken at:
S1 1,20--1,70 (1 x Ind)
- 3) Final depth at 3.45m due to rapidly collapsing sidewalls.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'56.9"E
Y-COORD : 29 41'26.8"S



NOTES

- 1) Slight groundwater seepage observed at 2.83m.
- 2) Samples taken at:
 - S1 0,25--0,74 (1 x Ind)
 - S2 1,65--3,30 (1 x Ind)
 - S3 3,30--6,00 (2 x Bulk) (1 x Ind)
- 3) Final depth at 6.00m due to full reach.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
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ELEVATION : -
X-COORD : 30 59'56.9"E
Y-COORD : 29 41'25.2"S



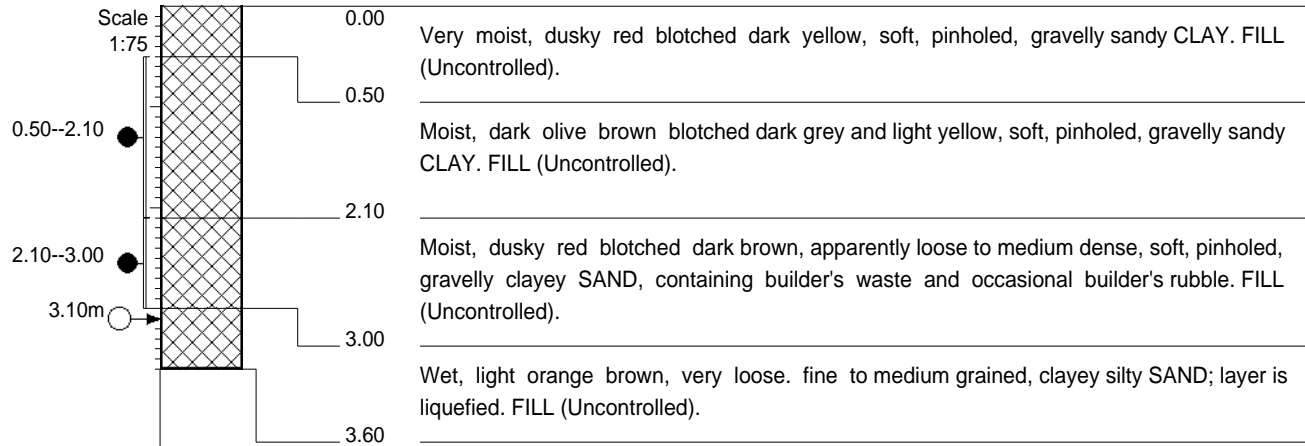
NOTES

- 1) Slight groundwater seepage observed at 3.20m.
- 2) Moderate groundwater seepage observed at 4.00m.
- 3) Collapsing sidewalls observed.
- 4) Samples taken at:
 S1 0,40--1,50 (1 x Ind)
 S2 2,45--3,70 (2 x Bulk) (2 x Ind)
 S3 3,70--5,60 (1 x Ind)
- 5) Final depth at 5.60m due to full reach of excavator.

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 30 59'5.1"E
 Y-COORD : 29 41'25.5"S



NOTES

- 1) Moderate groundwater seepage observed at 3.10m.
- 2) Collapsing sidewalls observed.
- 3) Samples taken at:
S1 0,50--2,10 (1 x Ind)
S2 2,10--3,00 (2 x Bulk) (1 x Ind)
- 4) Inspection pit terminated at 3.60m due to rapidly collapsing sidewalls.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'55.3"E
Y-COORD : 29 41'26.7"S



NOTES

- 1) Strong groundwater seepage observed at 2.00m.
- 2) Samples taken at:
 - S1 0,60--1,40 (1 x Ind)
 - S2 1,40--2,90 (1 x Ind)
 - S3 2,90--3,30 (1 x Ind)
 - S4 3,30--4,00 (1 x Ind)
- 3) Final depth at 4.00m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'53.3"E
Y-COORD : 29 41'25.9"S



NOTES

- 1) Moderate groundwater seepage observed at 1.55m.
- 2) Samples taken at:
 - S1 0,60--1,50 (2 x Bulk) (1 x Ind)
 - S2 1,50--1,90 (1 x Ind)
 - S3 1,90--2,30 (2 x Ind)
 - S4 2,30--2,70 (1 x Ind)
- 3) Final depth at 2.70m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'53.6"E
Y-COORD : 29 41'27.2"S



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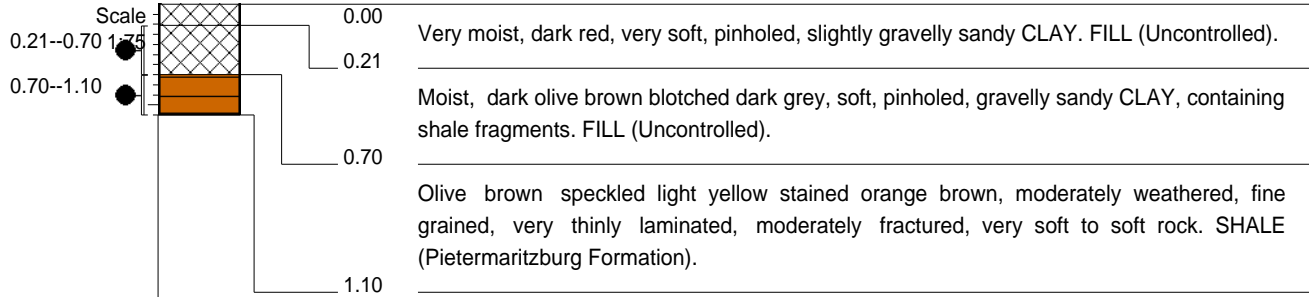
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HOLE No: IP19
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JOB NUMBER: 120-21



NOTES

- 1) No groundwater seepage observed.
- 2) Samples taken at:
S1 0,21--0,70 (1 x Ind)
S2 0,70--1,10 (2 x Bulk)
- 3) Final depth at 1.10m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'51.1"E
Y-COORD : 29 41'27.1"S

HOLE No: IP19



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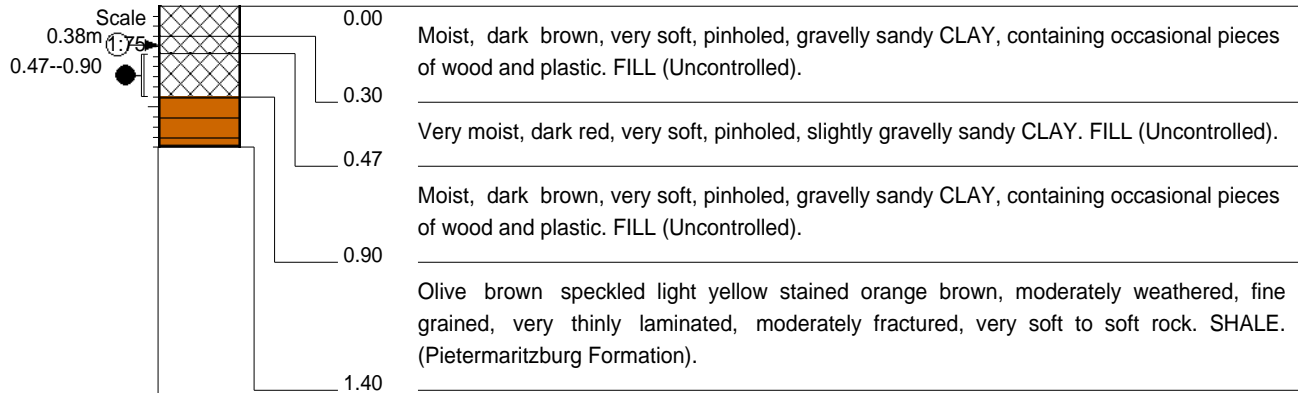
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HOLE No: IP20
Sheet 1 of 1

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JOB NUMBER: 120-21



NOTES

- 1) slight water seepage observed at 0.38m.
- 2) Sample taken at:
S1 0,47--0,90 (1 x Ind)
- 3) Final depth at 1.40m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
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TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'51.5"E
Y-COORD : 29 41'25.5"S

HOLE No: IP20



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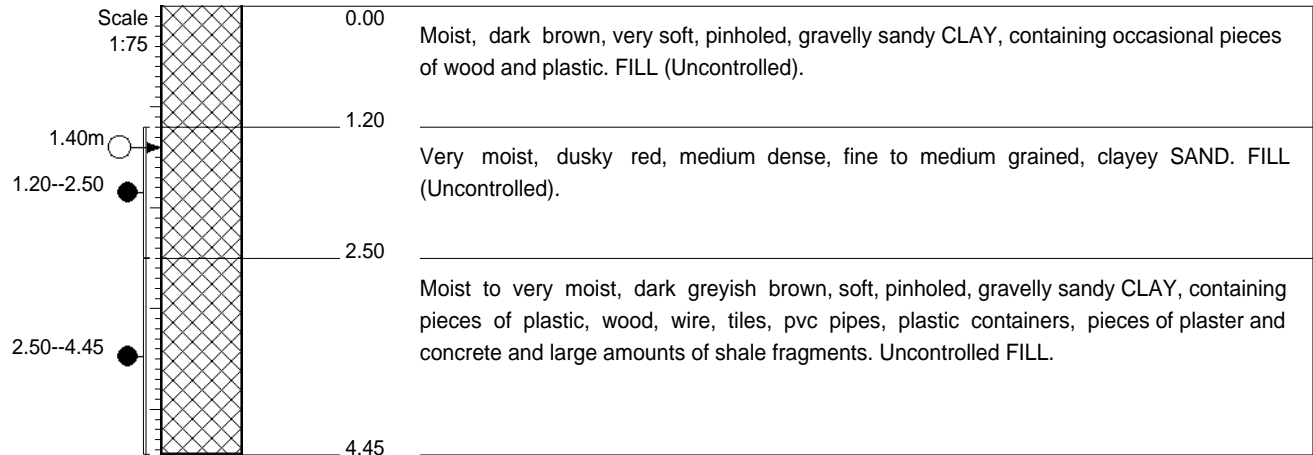
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 KwaZulu Natal

HOLE No: IP21
Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

- 1) slight water seepage observed at 1.40m.
- 2) Samples taken at:
 S1 1,20--2,50 (1 x Ind)
 S2 2,50--4,45 (2 x Bulk) (1 x Ind)
- 3) Final depth at 4.45m due to collapsing sidewalls.

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 30 59'51.4"E
 Y-COORD : 29 41'23.5"S

HOLE No: IP21



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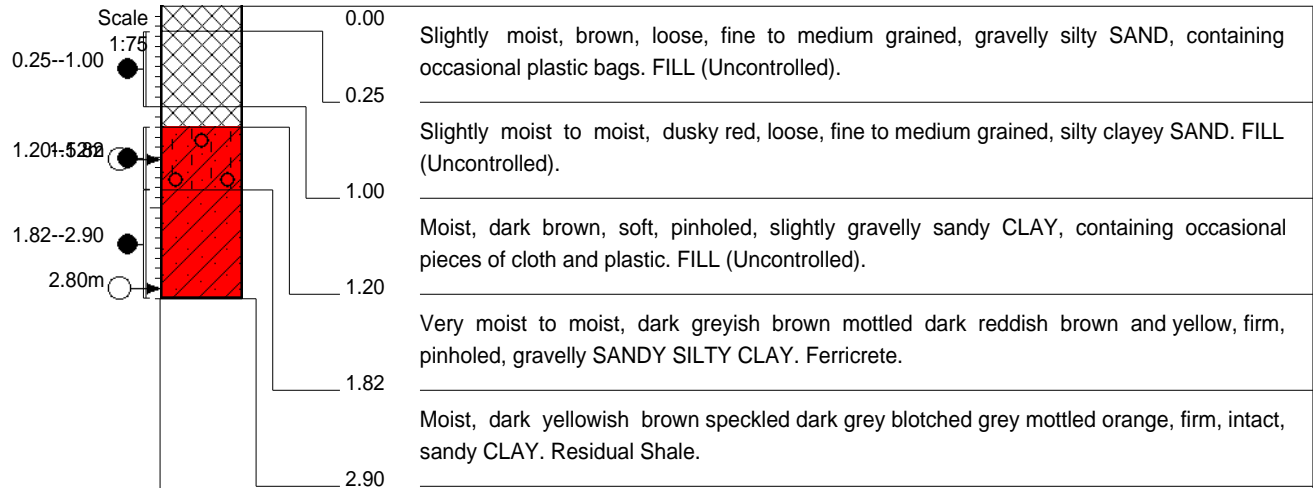
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Woodglaze Trading (Pty) Ltd
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HOLE No: IP22
Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

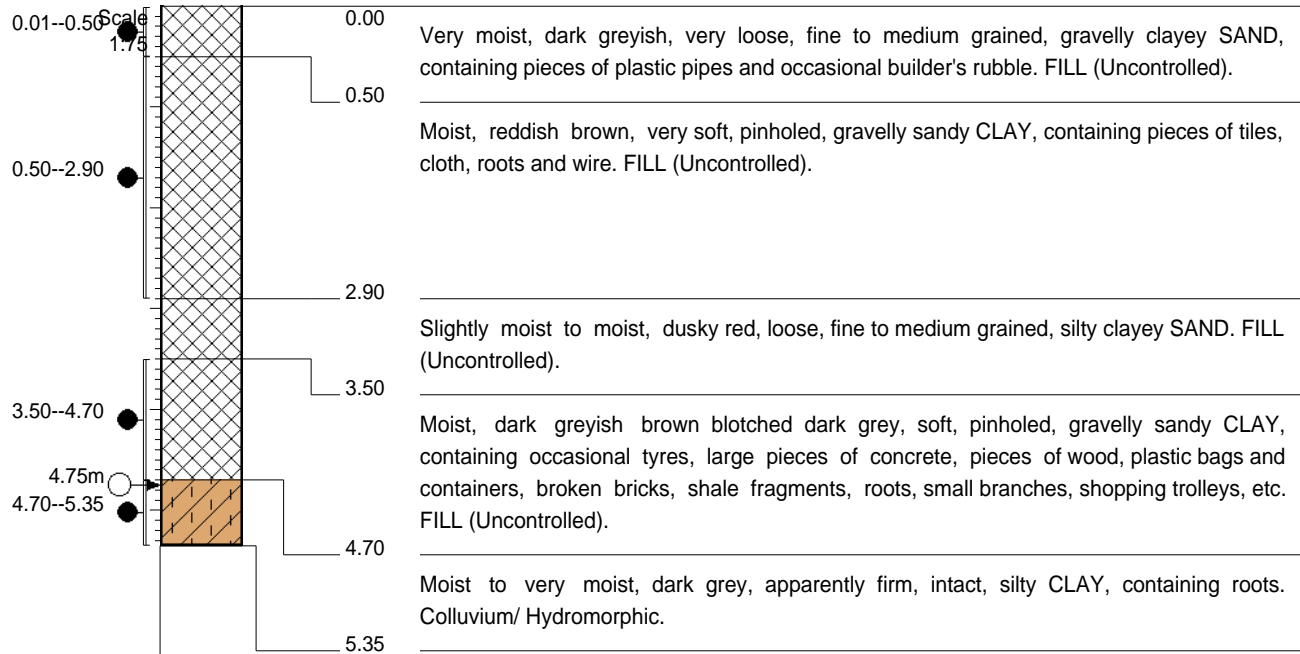
- 1) Slight groundwater seepage observed at 1.52m.
- 2) Moderate groundwater seepage observed at 2.80m.
- 3) Samples taken at:
 S1 0,25--1,00 (2 x Bulk) (1 x Ind)
 S2 1,20--1,82 (1 x Ind)
 S3 1,82--2,90 (1 x Ind)
- 4) Final depth at 2.90m.

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 30 59'53.8"E
 Y-COORD : 29 41'22.7"S

HOLE No: IP22



NOTES

- 1) Strong groundwater seepage observed at 4.75m.
- 2) Ground conditions are very unstable.
- 3) Samples taken at:
 - S1 0,01--0,50 (1 x Ind)
 - S2 0,50--2,90 (1 x Ind)
 - S3 3,50--4,70 (1 x Ind)
 - S4 4,70--5,35 (1 x Ind)
- 4) Final depth at 5.35m due to rapidly collapsing sidewalls.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'55.2"E
Y-COORD : 29 41'22.7"S



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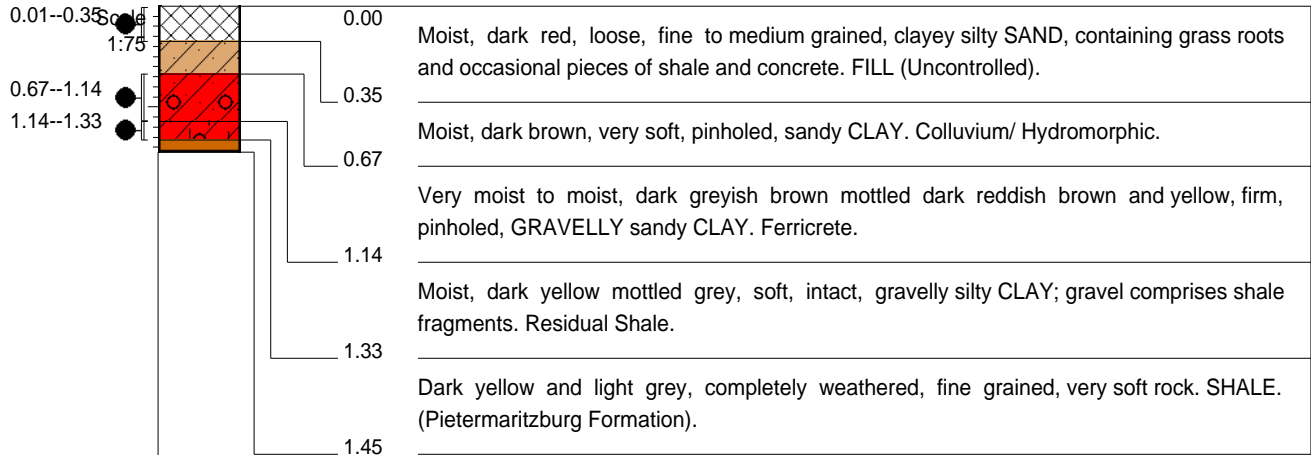
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HOLE No: IP24
 Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

- 1) No groundwater seepage observed.
- 2) Samples taken at:
 S1 0,01--0,35 (1 x Ind)
 S2 0,67--1,14 (1 x Ind)
 S3 1,14--1,33 (2 x Ind)
- 3) Final depth at 1.45m.

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 30 59'52.7"E
 Y-COORD : 29 41'20.8"S

HOLE No: IP24



NOTES

- 1) Slight groundwater seepage observed at 3.60m.
- 2) Samples taken at:
 - S1 0,01--0,55 (1 x Ind)
 - S2 0,55--1,50 (1 x Ind)
 - S3 2,20--3,30 (2 x Bulk) (1 x Ind)
 - S4 3,30--3,65 (1 x Ind)
 - S5 3,65--4,20 (1 x Ind)
- 3) Final depth at 4.20m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'51.4"E
Y-COORD : 29 41'20.0"S



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HOLE No: IP26
Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

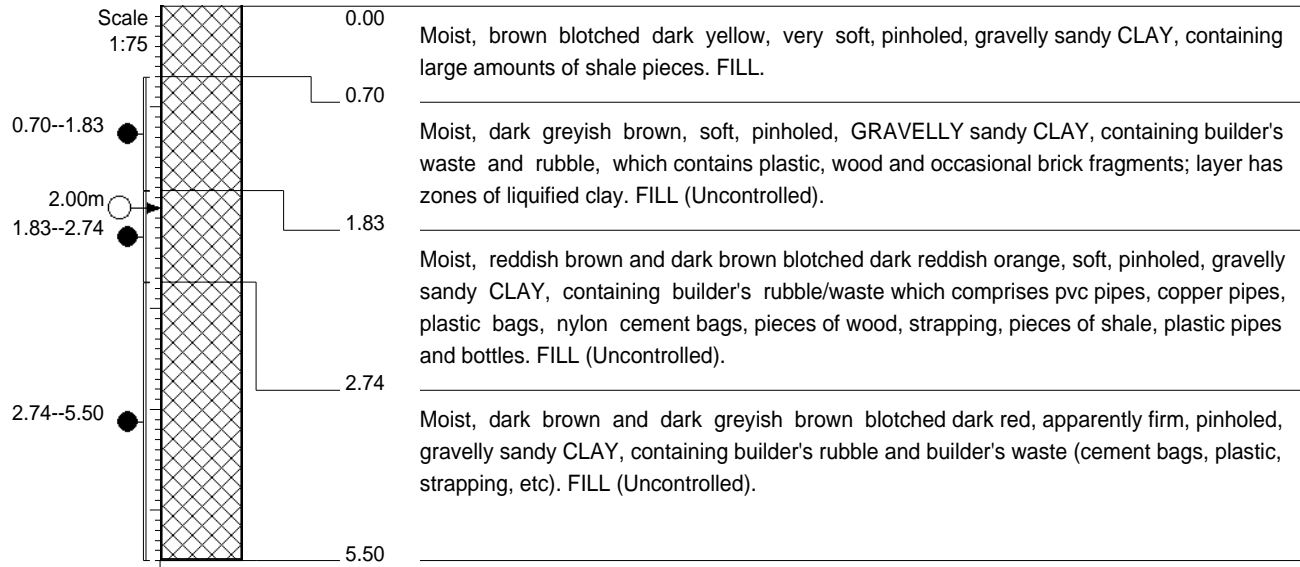
- 1) No groundwater seepage observed.
- 2) Samples taken at:
S1 0,01--0,60 (1 x Ind)
S2 1,55--2,10 (1 x Ind)
S3 2,10--4,80 (1 x Ind)
- 3) Final depth at 5.40m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'50.7"E
Y-COORD : 29 41'19.7"S

HOLE No: IP26



NOTES

- 1) Slight groundwater seepage observed at 2.00m.
- 2) Samples taken at:
S1 0,70--1,83 (2 x Bulk) (1 x Ind)
S2 1,83--2,74 (1 x Ind)
S3 2,74--5,50 (1 x Ind)
- 3) Final depth at 5.50m due to full reach of excavator.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'46.5"E
Y-COORD : 29 41'19.3"S



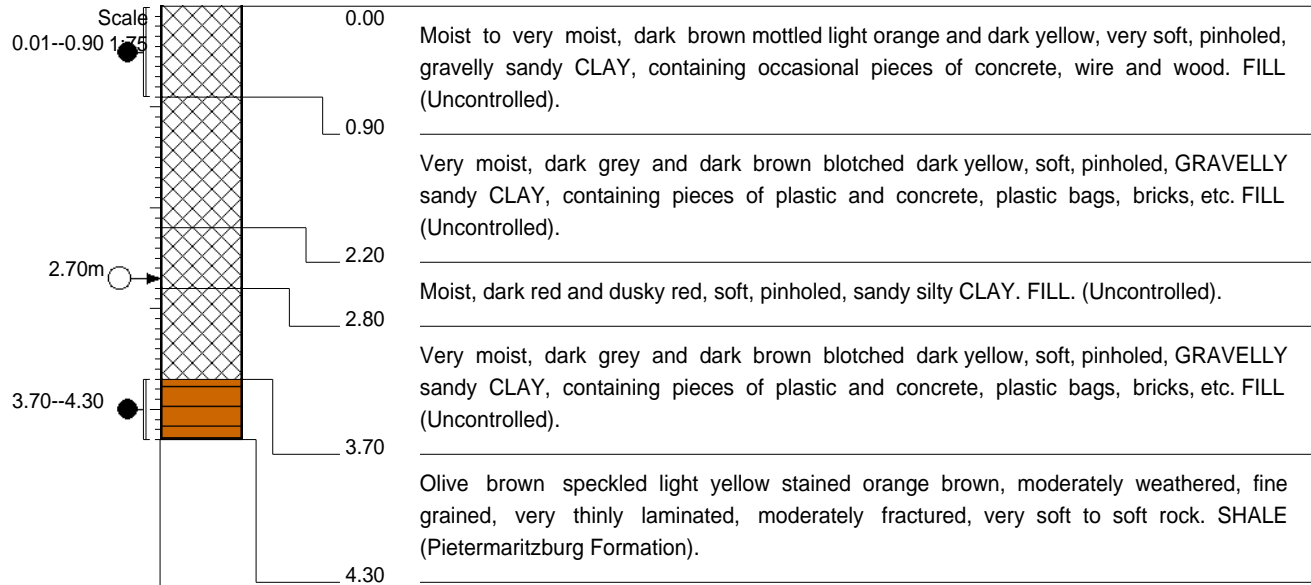
NOTES

- 1) Slight groundwater seepage observed at 2.40m.
- 2) Samples taken at:
S1 0,88--1,13 (1 x Ind)
S2 2,40--2,70 (2 x Bulk) (1 x Ind)
- 3) Final depth at 4.60m due to base layer collapsing.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'45.8"E
Y-COORD : 29 41'20.1"S



NOTES

- 1) Moderate groundwater seepage observed at 2.70m.
- 2) Samples taken at:
S1 0,01--0,90 (1 x Ind)
S2 3,70--4,30 (1 x Ind)
- 3) Final depth at 4.30m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'46.8"E
Y-COORD : 29 41'20.6"S



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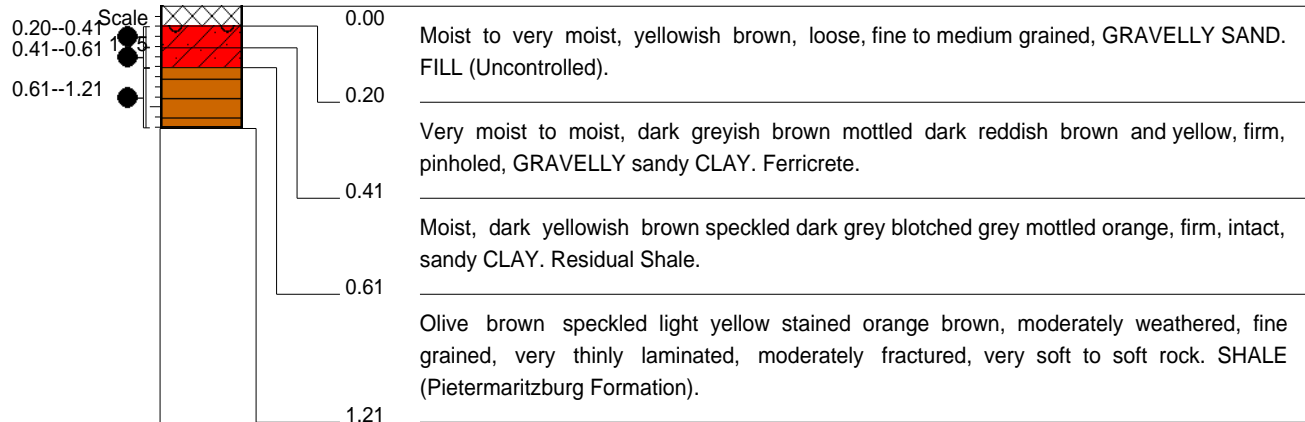
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Proposed Brookdale Rehabilitation Project,
Phoenix, eThekwin Municipality,
KwaZulu Natal

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HOLE No: IP30
Sheet 1 of 1

JOB NUMBER: 120-21



NOTES

- 1) No groundwater seepage observed.
- 2) Samples taken at:
S1 0,20--0,41 (1 x Ind)
S2 0,41--0,61 (1 x Ind)
S3 0,61--1,21 (1 x Ind)
- 3) Final depth at 1.21m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'48.3"E
Y-COORD : 29 41'20.4"S

HOLE No: IP30



NOTES

- 1) No groundwater seepage observed.
- 2) Samples taken at:
 - S1 1,45--3,40 (1 x Ind)
 - S2 3,40--4,20 (1 x Ind)
 - S3 4,20--4,70 (1 x Ind)
- 3) Final depth at 4.70m.

CONTRACTOR : Gralio Construction
 MACHINE : CAT 336 D
 DRILLED BY :
 PROFILED BY : S.Chattergoon
 TYPE SET BY : K.Kistasamy
 SETUP FILE : STANDARD.SET

INCLINATION :
 DIAM :
 DATE : 04 October 2021
 DATE : 13 October 2021
 DATE : 19/11/21 11:35
 TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
 X-COORD : 30 59'49.4"E
 Y-COORD : 29 41'19.4"S



NOTES

- 1) Slight groundwater seepage observed at 3.10m.
- 2) Samples taken at:
 - S1 0,94--2,30 (1 x Ind)
 - S2 2,30--4,20 (1 x Ind)
 - S3 4,20--5,50 (1 x Ind)
- 3) Final depth at 5.50m due to full reach of excavator.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'46.9"E
Y-COORD : 29 41'18.2"S



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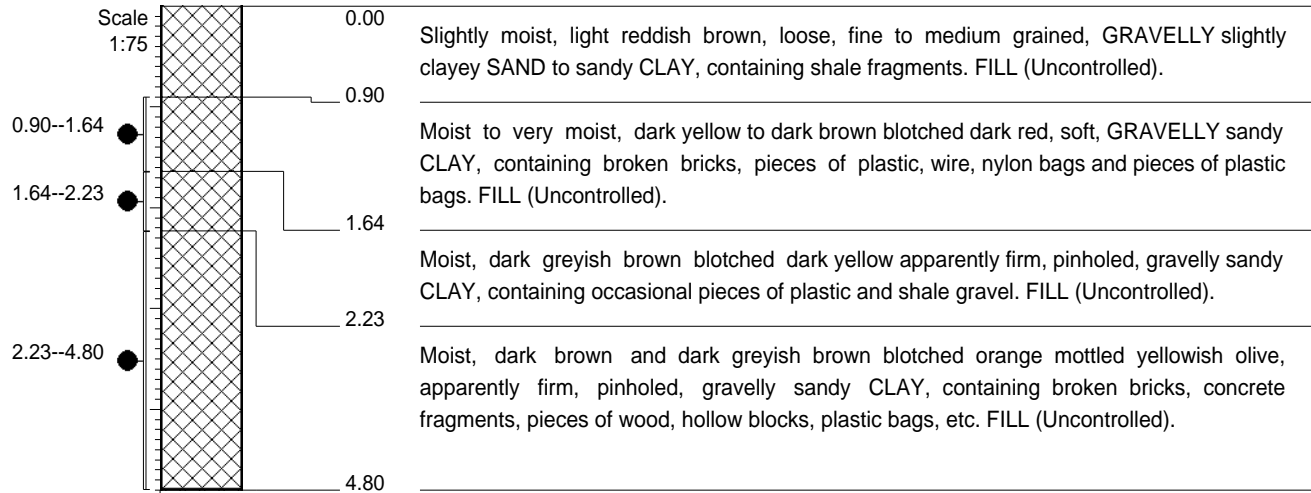
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HOLE No: IP33
Sheet 1 of 1

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JOB NUMBER: 120-21



NOTES

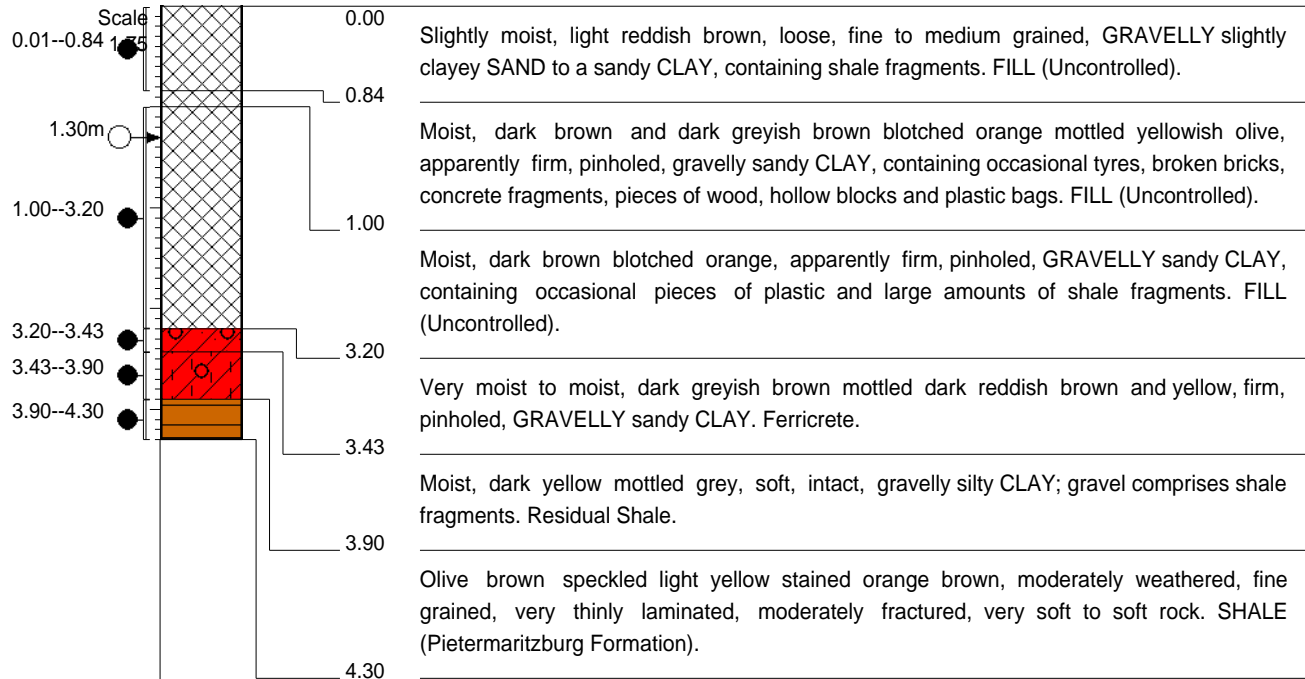
- 1) No groundwater seepage observed.
- 2) Samples taken at:
S1 0,90--1,64 (1 x Ind)
S2 1,64--2,23 (1 x Ind)
S3 2,23--4,80 (2 x Bulk) (1 x Ind)
- 3) Final depth at 4.80m due to full reach and angle of excavator.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'48.8"E
Y-COORD : 29 41'19.1"S

HOLE No: IP33



NOTES

- 1) Slight groundwater seepage observed at 1.30m.
- 2) Samples taken at:
 - S1 0,01--0,84 (1 x Ind)
 - S2 1,00--3,20 (1 x Ind)
 - S3 3,20--3,43 (1 x Ind)
 - S4 3,43--3,90 (1 x Ind)
 - S5 3,90--4,30 (1 x Ind)
- 3) Final depth at 4.30m.

CONTRACTOR : Gralio Construction
MACHINE : CAT 336 D
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'47.9"E
Y-COORD : 29 41'19.5"S



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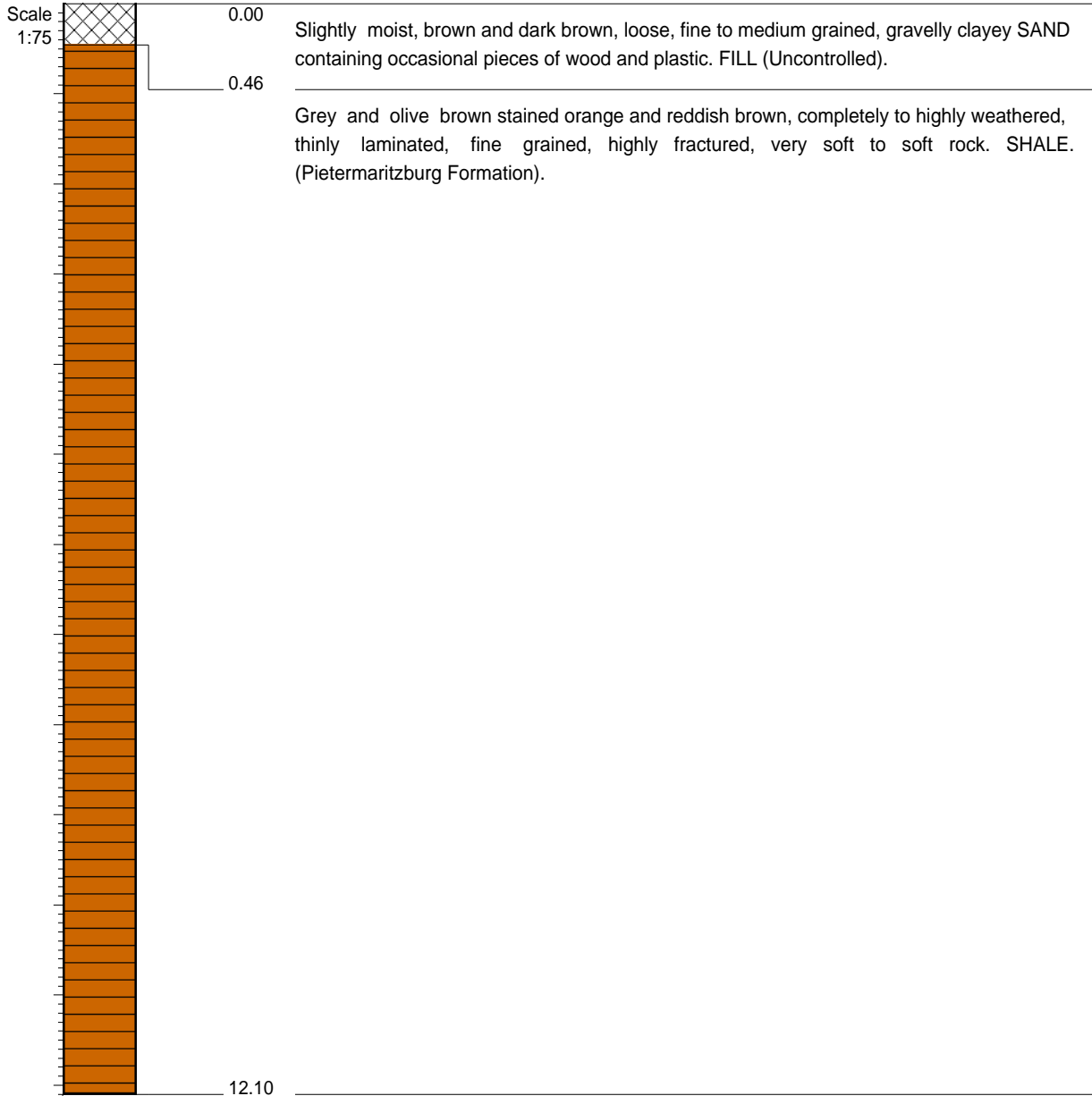
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HOLE No: EXP1
Sheet 1 of 1

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JOB NUMBER: 120-21



NOTES

- 1) No groundwater seepage observed.
- 2) Final depth at 12.1m.

CONTRACTOR : Gralio Construction
MACHINE : -
DRILLED BY :
PROFILED BY : S.Chattergoon
TYPE SET BY : K.Kistasamy
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 04 October 2021
DATE : 13 October 2021
DATE : 19/11/21 11:35
TEXT : ..C:\LOGS\PITS.TXT

ELEVATION : -
X-COORD : 30 59'52.9"E
Y-COORD : 29 41'23.0"S

HOLE No: EXP1