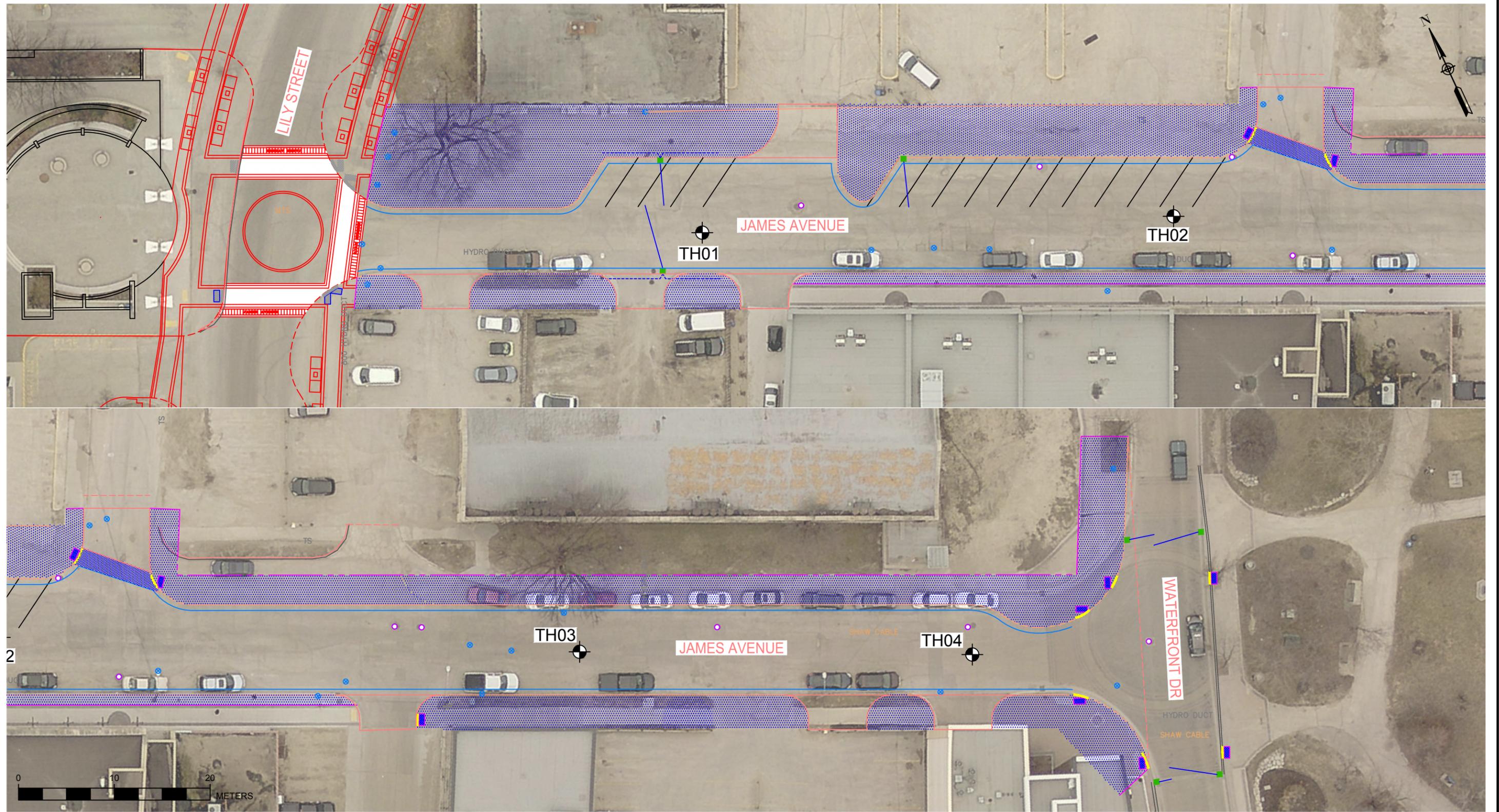


APPENDIX 'A'

GEOTECHNICAL REPORT

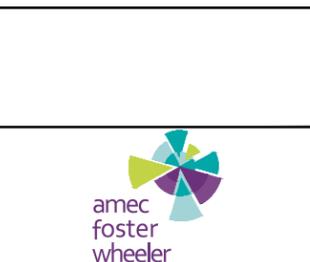


P:\JOBS\18300\18300\18390\18398 WSP - WATERFRONT DRIVE\DRAWINGS\WX18398.DWG

LEGEND:
 TEST HOLE

REVISION	BY	DATE
----	----	----

CLIENT:
WSP GROUP
Amec Foster Wheeler
 Environment & Infrastructure
 440 DOVERCOURT DRIVE
 WINNIPEG, MANITOBA R3Y 1N4
 PHONE: 204.488.2997 FAX:204.489.8261



DWN BY: MD
 CHK'D BY: RB
 DATUM: NAD83
 PROJECTION: UTM Zone 14 U
 SCALE: AS SHOWN

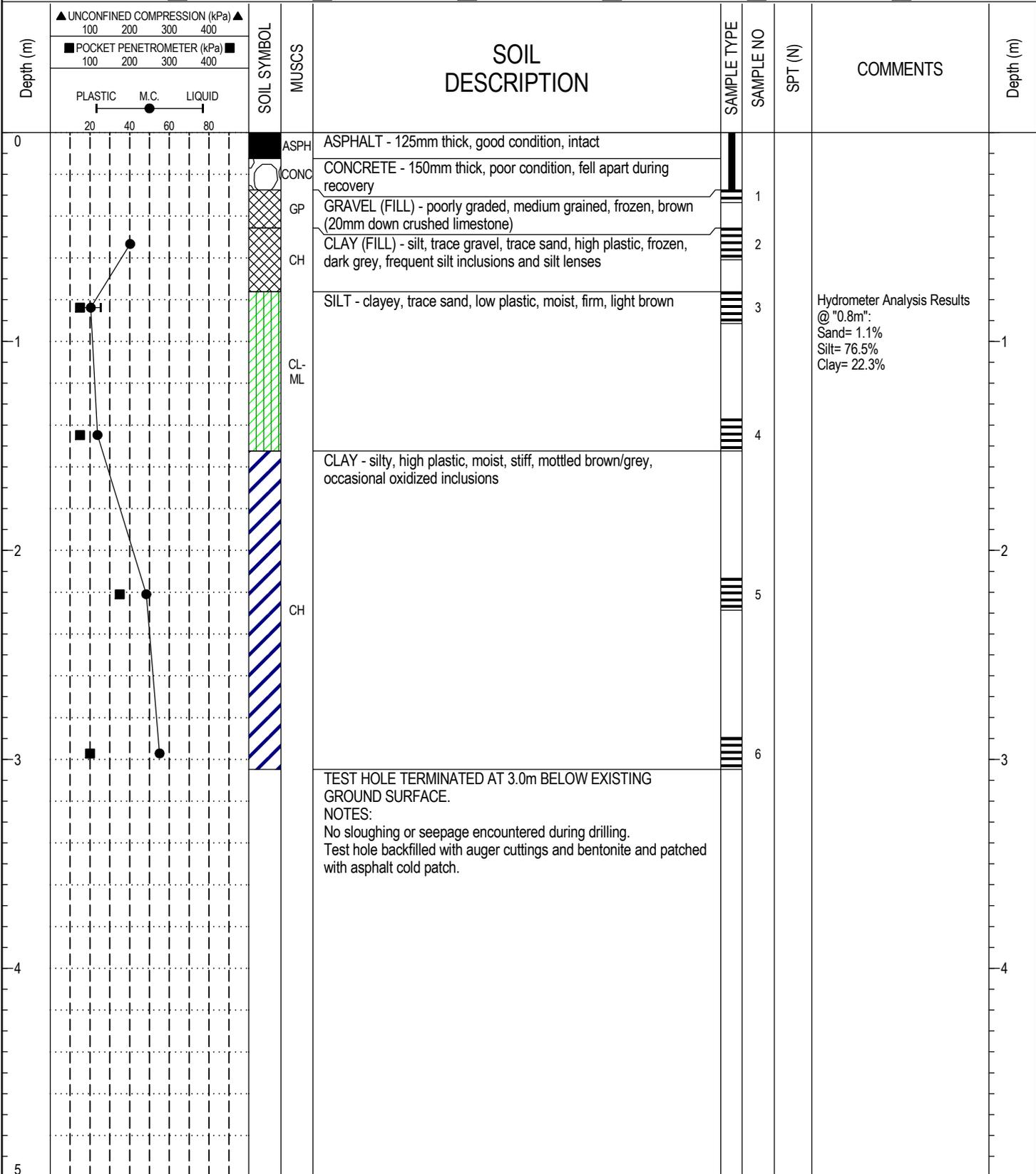
GEOTECHNICAL INVESTIGATION
JAMES AVENUE RENEWAL
LILY STREET TO WATERFRONT DRIVE
WINNIPEG, MANITOBA

TEST HOLE LOCATION PLAN

DATE: JANUARY 2018
 PROJECT NO: WX18398
 REV. NO.: A
 FIGURE NO: FIGURE 1

PROJECT: James Avenue Renewal	DRILLED BY: Maple Leaf Drilling Ltd.	BORE HOLE NO: TH01
CLIENT: WSP Canada Group Limited	DRILL TYPE: Track Mounted Geoprobe 7822DT	PROJECT NO: WX18398
LOCATION: James Avenue, Winnipeg, MB	DRILL METHOD: 125 mm SSA	ELEVATION:

SAMPLE TYPE	<input checked="" type="checkbox"/> Shelby Tube	<input type="checkbox"/> No Recovery	<input checked="" type="checkbox"/> SPT (N)	<input type="checkbox"/> Grab Sample	<input type="checkbox"/> Split-Pen	<input type="checkbox"/> Core
BACKFILL TYPE	<input checked="" type="checkbox"/> Bentonite	<input type="checkbox"/> Pea Gravel	<input checked="" type="checkbox"/> Drill Cuttings	<input type="checkbox"/> Grout	<input type="checkbox"/> Slough	<input type="checkbox"/> Sand



WX18398 - WSP JAMES AVE.GPJ 18-01-16 03:51 PM (GEOTECHNICAL - REVISED)



Amec Foster Wheeler Environment & Infrastructure
Winnipeg, Manitoba

LOGGED BY: CM

REVIEWED BY: RB

Figure No. 2

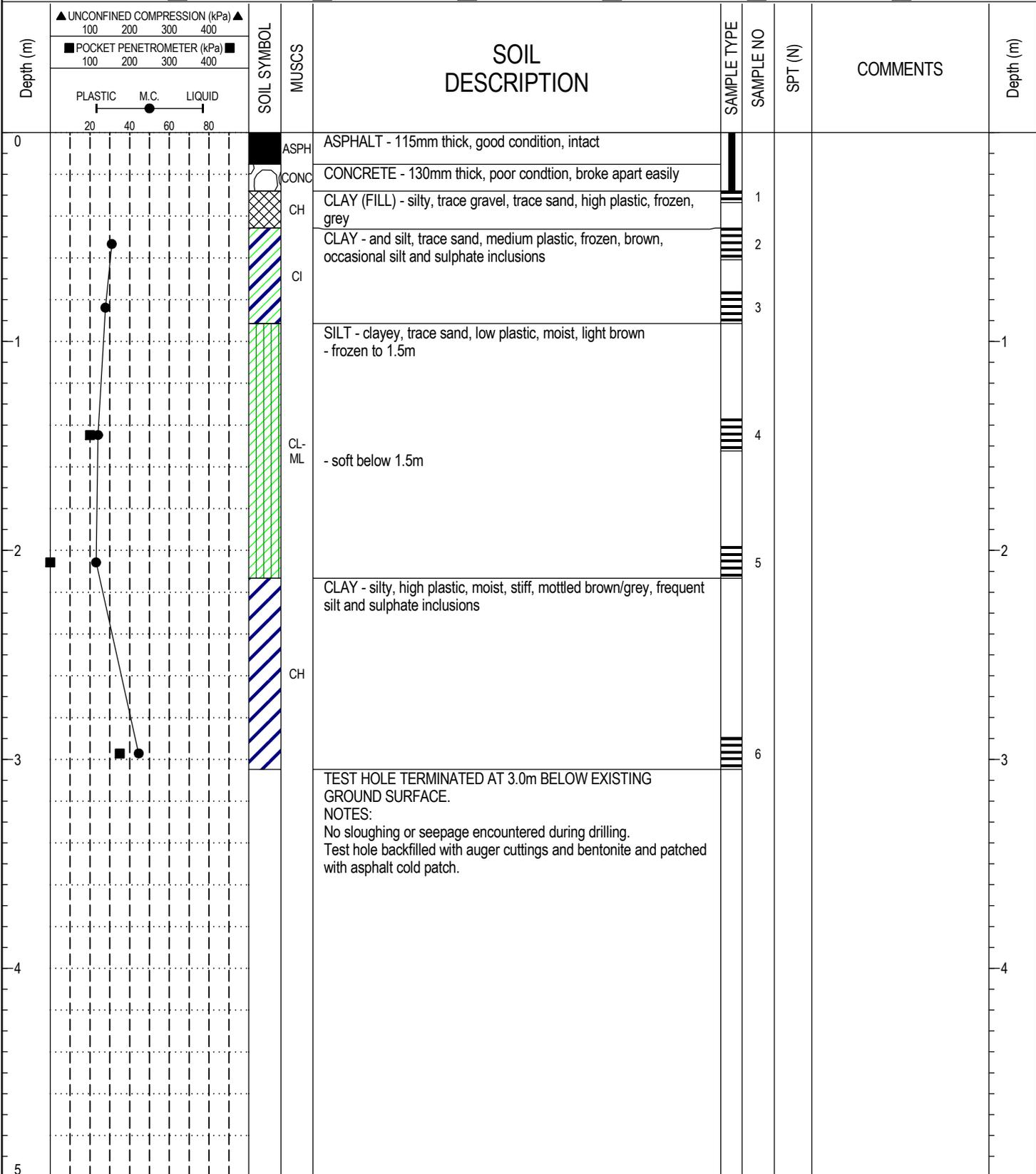
COMPLETION DEPTH: 3 m

COMPLETION DATE: 21 December 2017

Page 1 of 1

PROJECT: James Avenue Renewal	DRILLED BY: Maple Leaf Drilling Ltd.	BORE HOLE NO: TH02
CLIENT: WSP Canada Group Limited	DRILL TYPE: Track Mounted Geoprobe 7822DT	PROJECT NO: WX18398
LOCATION: James Avenue, Winnipeg, MB	DRILL METHOD: 125 mm SSA	ELEVATION:

SAMPLE TYPE	<input checked="" type="checkbox"/> Shelby Tube	<input type="checkbox"/> No Recovery	<input checked="" type="checkbox"/> SPT (N)	<input type="checkbox"/> Grab Sample	<input type="checkbox"/> Split-Pen	<input type="checkbox"/> Core
BACKFILL TYPE	<input checked="" type="checkbox"/> Bentonite	<input type="checkbox"/> Pea Gravel	<input checked="" type="checkbox"/> Drill Cuttings	<input type="checkbox"/> Grout	<input type="checkbox"/> Slough	<input type="checkbox"/> Sand



WX18398 - WSP JAMES AVE.GPJ 18-01-16 03:52 PM (GEOTECHNICAL - REVISED)



Amec Foster Wheeler Environment & Infrastructure
 Winnipeg, Manitoba

LOGGED BY: CM

REVIEWED BY: RB

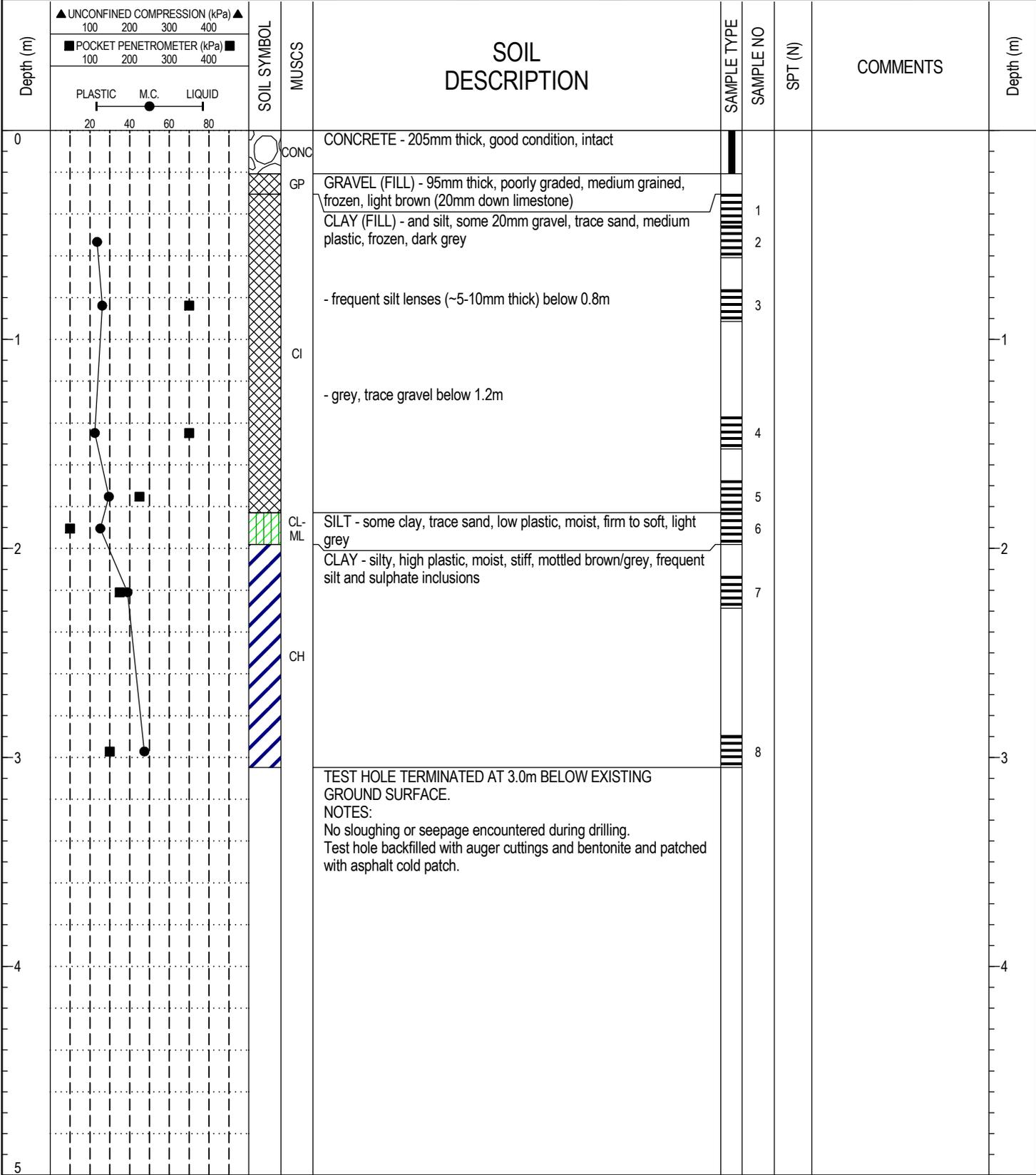
Figure No. 3

COMPLETION DEPTH: 3 m

COMPLETION DATE: 21 December 2017

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PROJECT: James Avenue Renewal	DRILLED BY: Maple Leaf Drilling Ltd.	BORE HOLE NO: TH04
CLIENT: WSP Canada Group Limited	DRILL TYPE: Track Mounted Geoprobe 7822DT	PROJECT NO: WX18398
LOCATION: James Avenue, Winnipeg, MB	DRILL METHOD: 125 mm SSA	ELEVATION:
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BACKFILL TYPE	<input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Pea Gravel <input checked="" type="checkbox"/> Drill Cuttings <input type="checkbox"/> Grout <input type="checkbox"/> Slough <input type="checkbox"/> Sand	



WX18398 - WSP JAMES AVE.GPJ - 18-01-16 03:52 PM (GEOTECHNICAL - REVISED)



Amec Foster Wheeler Environment & Infrastructure
 Winnipeg, Manitoba

LOGGED BY: CM
 REVIEWED BY: RB
 Figure No. 5

COMPLETION DEPTH: 3 m
 COMPLETION DATE: 21 December 2017
 Page 1 of 1



**Amec Foster Wheeler
Environment & Infrastructure**

WSP CANADA GROUP LIMITED

**Core Photographs, TH01 and TH02
Geotechnical Investigation
James Avenue Renewal
Winnipeg, Manitoba**

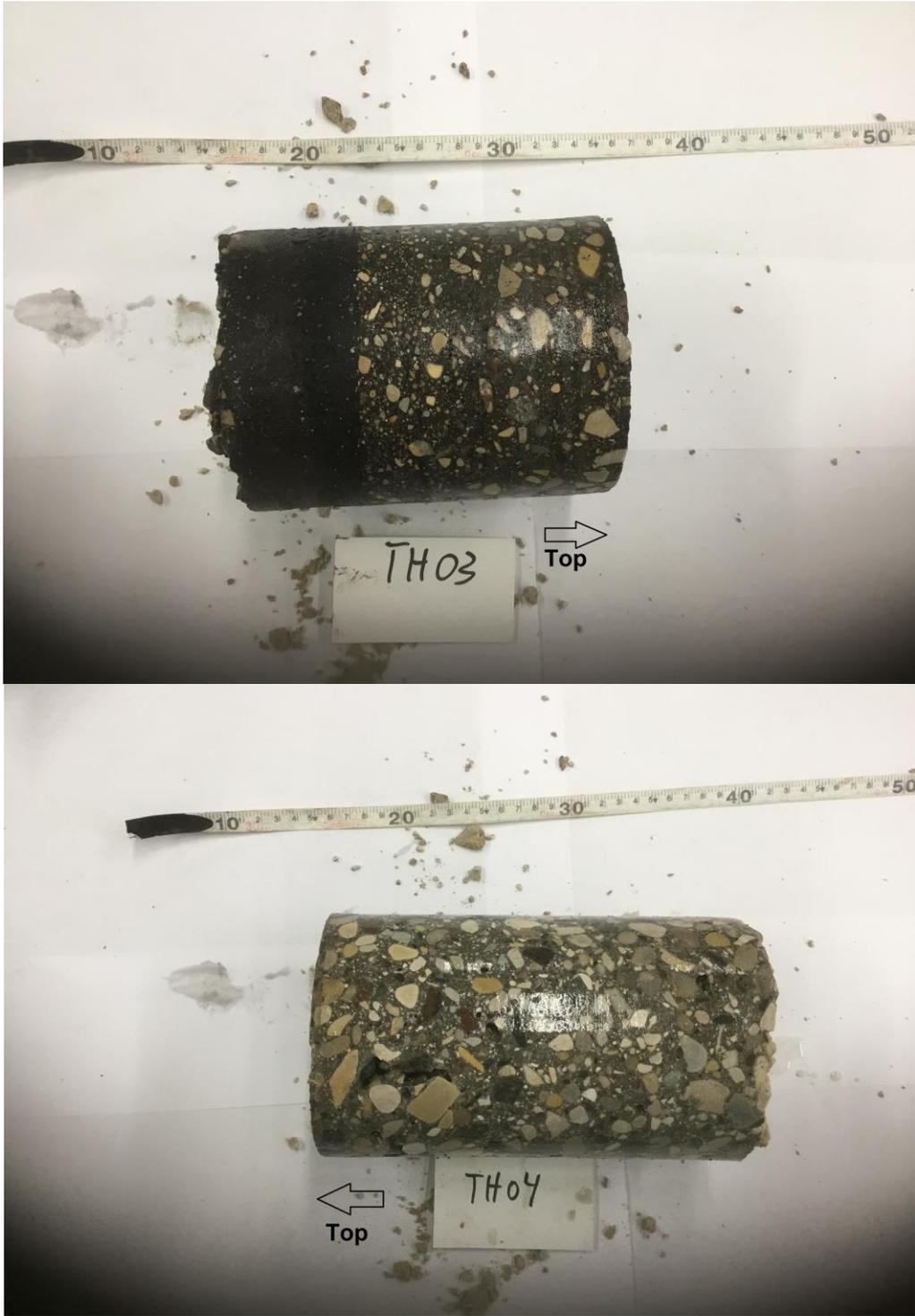
Drawn: RB

Scale: NTS

Date: Jan. 2018

Project No.: WX18398

Figure: 6



**Amec Foster Wheeler
Environment & Infrastructure**

WSP CANADA GROUP LIMITED

**Core Photographs, TH03 and TH04
Geotechnical Investigation
James Avenue Renewal
Winnipeg, Manitoba**

Drawn: RB

Scale: NTS

Date: Jan. 2018

Project No.: WX18398

Figure: 7