

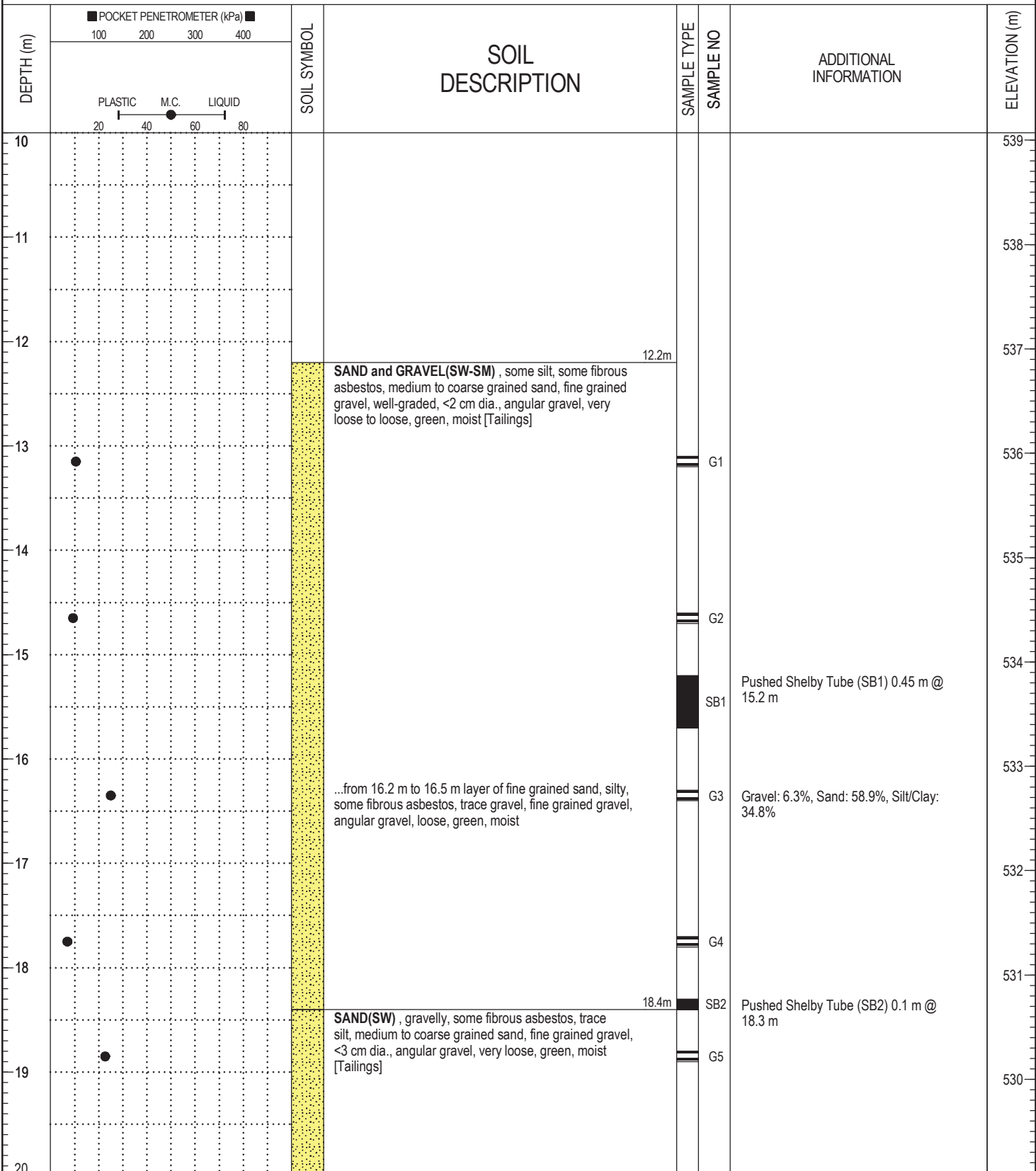
CLIENT: [REDACTED]	PROJECT: Clinton Creek Remediation Project	BOREHOLE NO: BH18-13
DRILLER: [REDACTED]	Clinton Creek, Yukon	PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Sonic/HQ3	NORTHING: 7148310.71 EASTING: 513545.39	ELEVATION: 549.1 m
SAMPLE TYPE <input checked="" type="checkbox"/> TUBE	<input type="checkbox"/> NO RECOVERY <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB	<input type="checkbox"/> MUD RETURN <input type="checkbox"/> CORE RETURN

DEPTH (m)	POCKET PENETROMETER (kPa)		SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	ADDITIONAL INFORMATION	ELEVATION (m)
	100	200						
0	PLASTIC    M.C.    LIQUID 20    40    60    80			NOT LOGGED Sonic straight down to 12.2 m			No frozen soils encountered.	549
1								548
2								547
3								546
4								545
5								544
6								543
7								542
8								541
9								540
10								

BOREHOLE LOG CLINTONCREEK.GPJ 1/17/19

[REDACTED]	LOGGED BY: [REDACTED]	COMPLETION DEPTH: 61.0 m
[REDACTED]	ENTERED BY: [REDACTED]	COMPLETION DATE: 9/10/2018
		Page 1 of 7

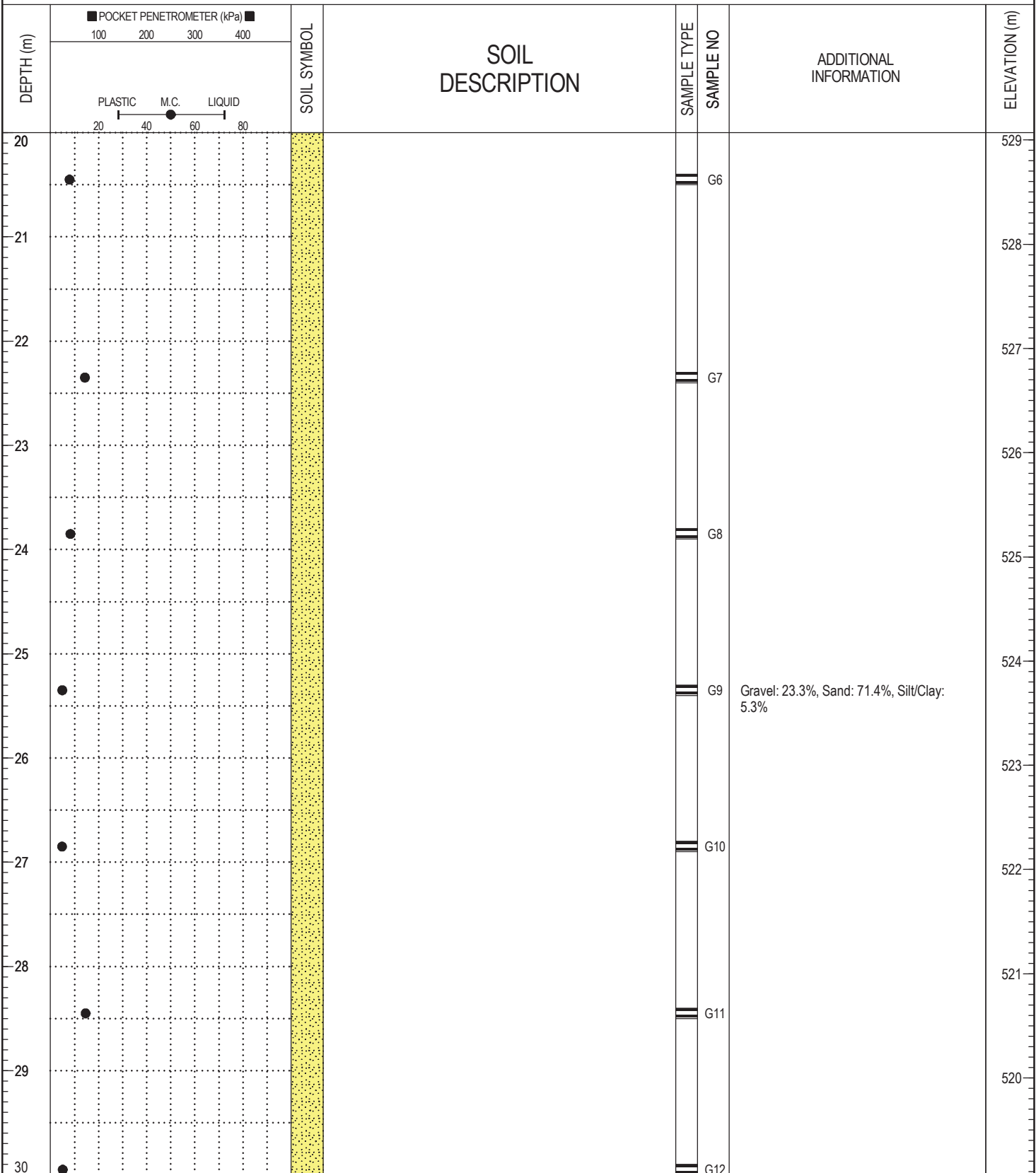
CLIENT: [REDACTED]	PROJECT: Clinton Creek Remediation Project	BOREHOLE NO: BH18-13
DRILLER: [REDACTED]	Clinton Creek, Yukon	PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Sonic/HQ3	NORTHING: 7148310.71 EASTING: 513545.39	ELEVATION: 549.1 m
SAMPLE TYPE <input checked="" type="checkbox"/> TUBE	<input type="checkbox"/> NO RECOVERY <input checked="" type="checkbox"/> SPLIT SPOON <input checked="" type="checkbox"/> GRAB	<input type="checkbox"/> MUD RETURN <input checked="" type="checkbox"/> CORE RETURN



BOREHOLE LOG CLINTONCREEK.GPJ 1/17/19

LOGGED BY: [REDACTED]	COMPLETION DEPTH: 61.0 m
ENTERED BY: [REDACTED]	COMPLETION DATE: 9/10/2018
Page 2 of 7	

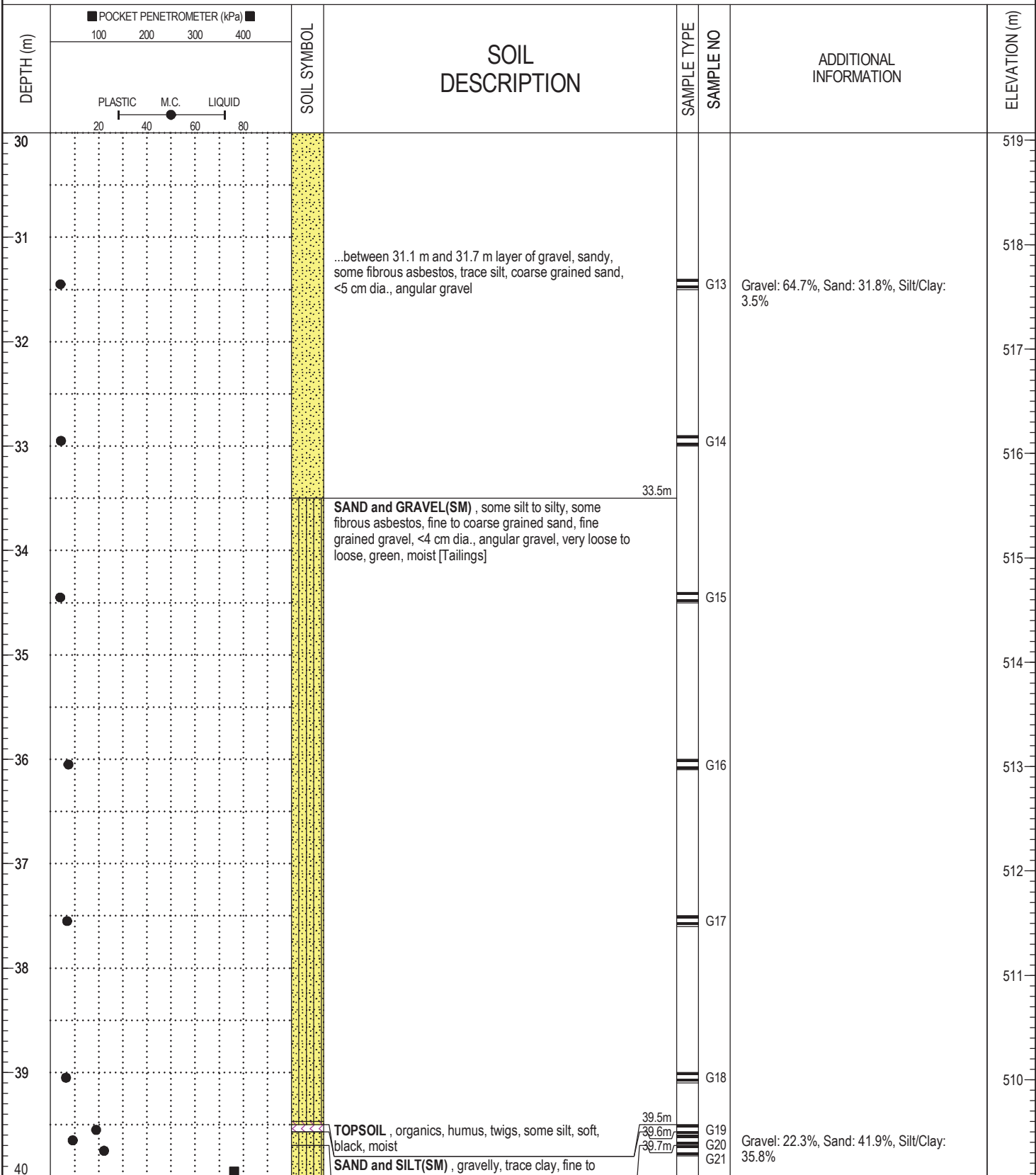
CLIENT: [REDACTED]	PROJECT: Clinton Creek Remediation Project	BOREHOLE NO: BH18-13
DRILLER: [REDACTED]	Clinton Creek, Yukon	PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Sonic/HQ3	NORTHING: 7148310.71 EASTING: 513545.39	ELEVATION: 549.1 m
SAMPLE TYPE <input checked="" type="checkbox"/> TUBE	<input type="checkbox"/> NO RECOVERY	<input checked="" type="checkbox"/> SPLIT SPOON
	<input type="checkbox"/> GRAB	<input type="checkbox"/> MUD RETURN
		<input type="checkbox"/> CORE RETURN



BOREHOLE LOG CLINTONCREEK.GPJ 1/17/19

LOGGED BY: [REDACTED]	COMPLETION DEPTH: 61.0 m
ENTERED BY: [REDACTED]	COMPLETION DATE: 9/10/2018
Page 3 of 7	

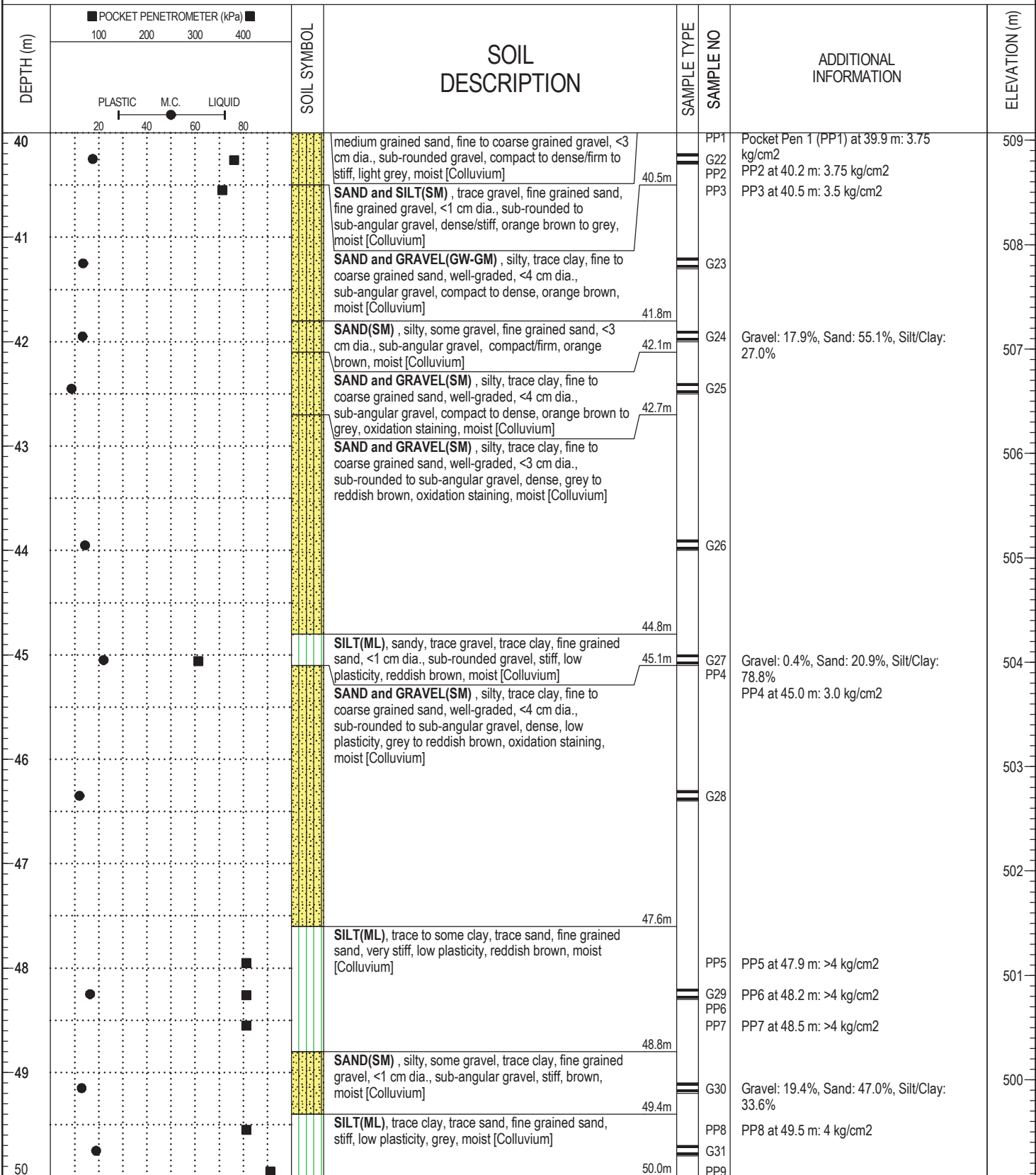
CLIENT: [REDACTED]	PROJECT: Clinton Creek Remediation Project	BOREHOLE NO: BH18-13
DRILLER: [REDACTED]	Clinton Creek, Yukon	PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Sonic/HQ3	NORTHING: 7148310.71 EASTING: 513545.39	ELEVATION: 549.1 m
SAMPLE TYPE <input checked="" type="checkbox"/> TUBE	<input type="checkbox"/> NO RECOVERY <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB	<input type="checkbox"/> MUD RETURN <input type="checkbox"/> CORE RETURN



BOREHOLE LOG CLINTONCREEK.GPJ 1/17/19

[REDACTED]	LOGGED BY [REDACTED]	COMPLETION DEPTH: 61.0 m
[REDACTED]	ENTERED BY [REDACTED]	COMPLETION DATE: 9/10/2018

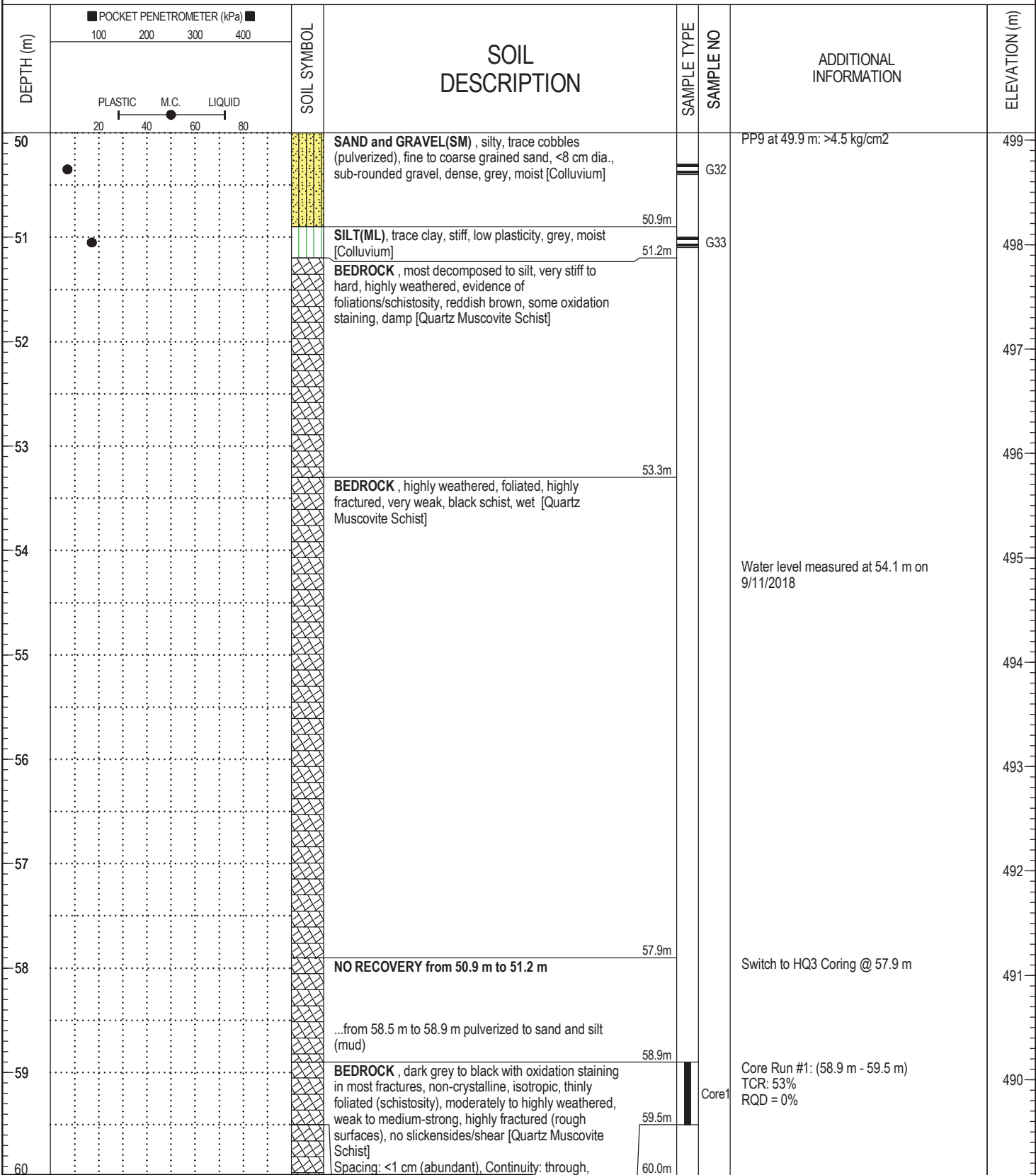
CLIENT: [REDACTED]	PROJECT: Clinton Creek Remediation Project	BOREHOLE NO: BH18-13
DRILLER: [REDACTED]	Clinton Creek, Yukon	PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Sonic/HQ3	NORTHING: 7148310.71 EASTING: 513545.39	ELEVATION: 549.1 m
SAMPLE TYPE	<input checked="" type="checkbox"/> TUBE	<input type="checkbox"/> NO RECOVERY
	<input checked="" type="checkbox"/> SPLIT SPOON	<input type="checkbox"/> GRAB
	<input type="checkbox"/> MUD RETURN	<input type="checkbox"/> CORE RETURN



BOREHOLE LOG CLINTONCREEK.GPJ 1/17/19

LOGGED BY: [REDACTED]	COMPLETION DEPTH: 61.0 m
ENTERED BY: [REDACTED]	COMPLETION DATE: 9/10/2018

CLIENT: [REDACTED]	PROJECT: Clinton Creek Remediation Project	BOREHOLE NO: BH18-13
DRILLER: [REDACTED]	Clinton Creek, Yukon	PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Sonic/HQ3	NORTHING: 7148310.71 EASTING: 513545.39	ELEVATION: 549.1 m
SAMPLE TYPE	<input checked="" type="checkbox"/> TUBE <input type="checkbox"/> NO RECOVERY <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB	<input type="checkbox"/> MUD RETURN <input type="checkbox"/> CORE RETURN



BOREHOLE LOG CLINTONCREEK.GPJ 1/17/19

LOGGED BY: [REDACTED]	COMPLETION DEPTH: 61.0 m
ENTERED BY: [REDACTED]	COMPLETION DATE: 9/10/2018
Page 6 of 7	

CLIENT: [REDACTED]	PROJECT: Clinton Creek Remediation Project	BOREHOLE NO: BH18-13
DRILLER: [REDACTED]	Clinton Creek, Yukon	PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Sonic/HQ3	NORTHING: 7148310.71 EASTING: 513545.39	ELEVATION: 549.1 m
SAMPLE TYPE	<input type="checkbox"/> TUBE <input checked="" type="checkbox"/> NO RECOVERY <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB	<input type="checkbox"/> MUD RETURN <input type="checkbox"/> CORE RETURN

DEPTH (m)	POCKET PENETROMETER (kPa)		SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	ADDITIONAL INFORMATION	ELEVATION (m)
	100	200						
60				Geometry: curved, Orientation: horizontal to vertical, Core Breakage: hand force, Roughness: pock marked ...at 59.3 m possible gouge ...at 59.4 m quartz vein <b>NO RECOVERY from 58.9 m to 59.5 m</b> <b>BEDROCK</b> , dark grey to black with oxidation staining in most fractures, non-crystalline, isotropic, thinly foliated (schistosity), moderately weathered, medium-strong, highly fractured, pock marks throughout due to dissolved quartz/calcite veins [Quartz Muscovite Schist] Spacing: 1 cm - 3 cm (numerous), Continuity: through, Geometry: curved, Orientation: horizontal to 45°, Core Breakage: mechanical to hand force, Roughness: slightly to pock marked, Sheen: dull <b>END OF BOREHOLE @ 61.0 m</b> - Water level @ 54.1 m at time of completion. - No frozen soils encountered. - SI installed in borehole using a tremie and grouted from bottom of hole.			Core Run #2: (60.0 m - 61.0 m) TCR: 66% RQD = 0%	489
61								488
62								487
63								486
64								485
65								484
66								483
67								482
68								481
69								480
70								

BOREHOLE LOG CLINTONCREEK.GPJ 1/17/19

LOGGED BY: [REDACTED]	COMPLETION DEPTH: 61.0 m
ENTERED BY: [REDACTED]	COMPLETION DATE: 9/10/2018
Page 7 of 7	