

GEOTECH GRAVEL_016-020.GPJ YTG.GDT 14/8/19

SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 018-02	
CLIENT:		PROJECT NO: 115 F - 1	
DRILL: B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN	
ELEVATION: 0 m			
SAMPLE TYPE <input checked="" type="checkbox"/> RETURN <input checked="" type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> Auger <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE			
Depth (m)	<p>▲ Percent Fines ▲</p> <p>20 40 60 80</p> <p>PLASTIC M.C. LIQUID</p> <p>20 40 60 80</p> <p>◆ Percent Sand ◆</p> <p>20 40 60 80</p> <p>■ Percent Gravel ■</p> <p>20 40 60 80</p>	SAMPLE TYPE	SOIL DESCRIPTION
0			
1		63	POORLY GRADED GRAVEL WITH SAND (GP) -damp -maximum 75mm material -coarse grindy drilling
2			
3			END HOLE at 2.3m -refusal
4			
5			
6			
7			
8			
9			
10			

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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 018-03											
CLIENT:		PROJECT NO: 115 F - 1											
DRILL: B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN											
ELEVATION: 0 m													
SAMPLE TYPE		RETURN		S.P.T.		Auger		BULK		TUBE		CORE	
Depth (m)	▲ Percent Fines ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80		◆ Percent Sand ◆ 20 40 60 80 ■ Percent Gravel ■ 20 40 60 80		SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION		Depth (m)		
0									POORLY GRADED GRAVEL WITH SAND (GP) -damp -maximum 75mm material -rough grindy drilling		0		
1	●		◆		⊗	64	GP	▲▲▲	-much rougher drilling		1		
2									POORLY GRADED GRAVEL (GP) -damp -maximum 100mm material		2		
3	●		◆		⊗	65	GP	▲▲▲			3		
4									-sample lost -indications of finer wetter material		4		
5									END HOLE at 4.4m		5		
6											6		
7											7		
8											8		
9											9		
10											10		

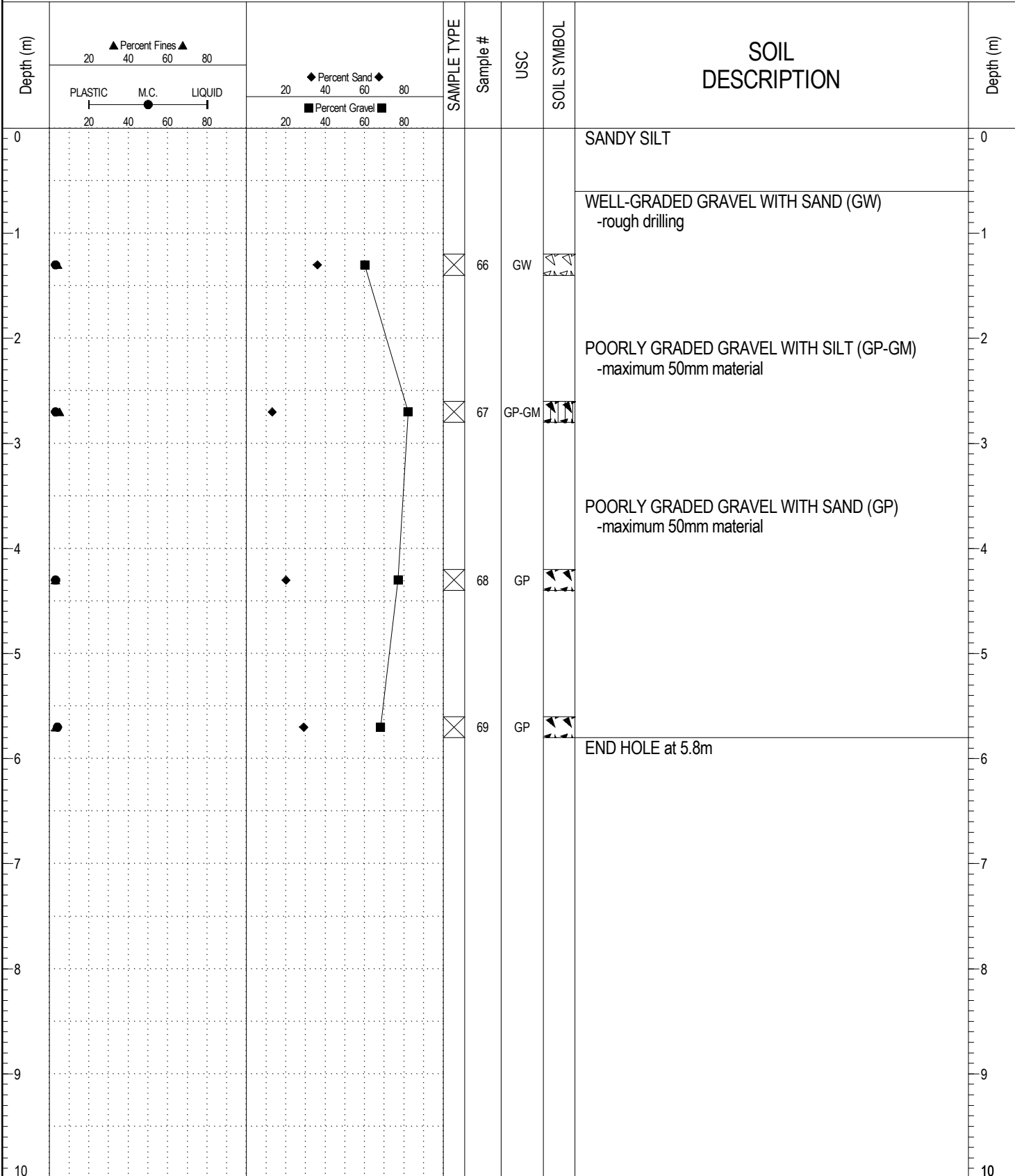
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SUBSURFACE EXPLORATION AND TEST REPORT BOREHOLE NO: **018-04**

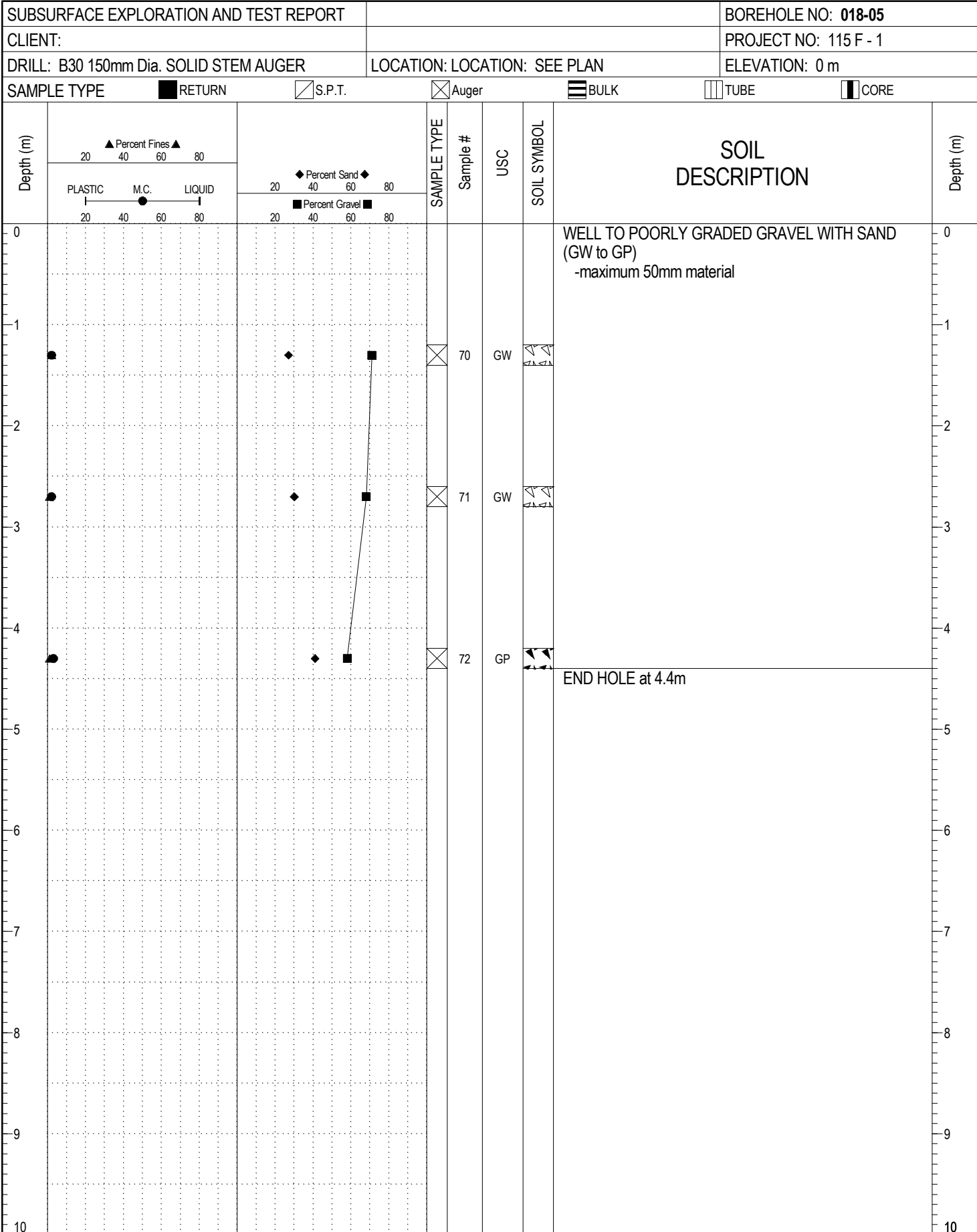
CLIENT: PROJECT NO: 115 F - 1

DRILL: B30 150mm Dia. SOLID STEM AUGER LOCATION: LOCATION: SEE PLAN
ELEVATION: 0 m

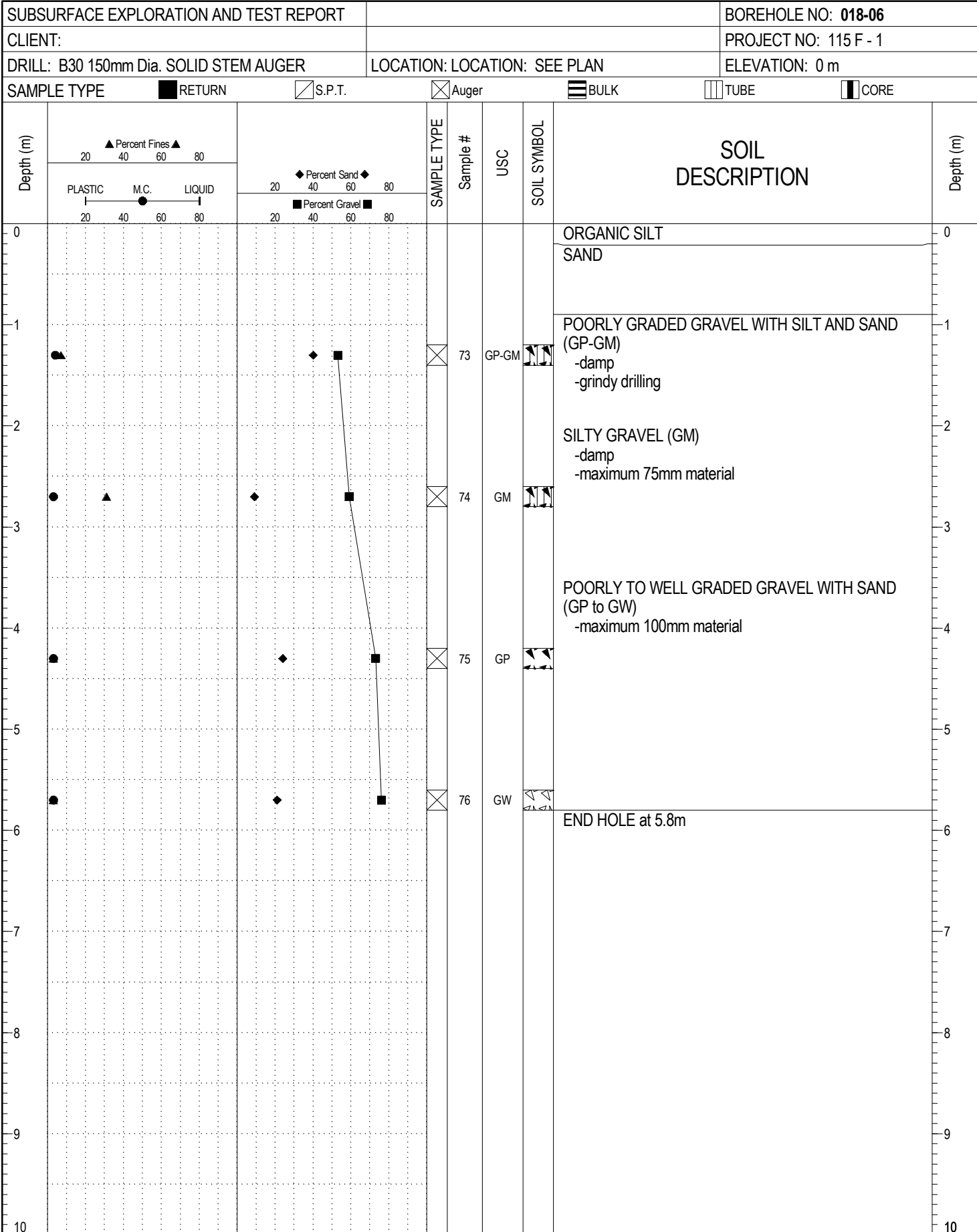
SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



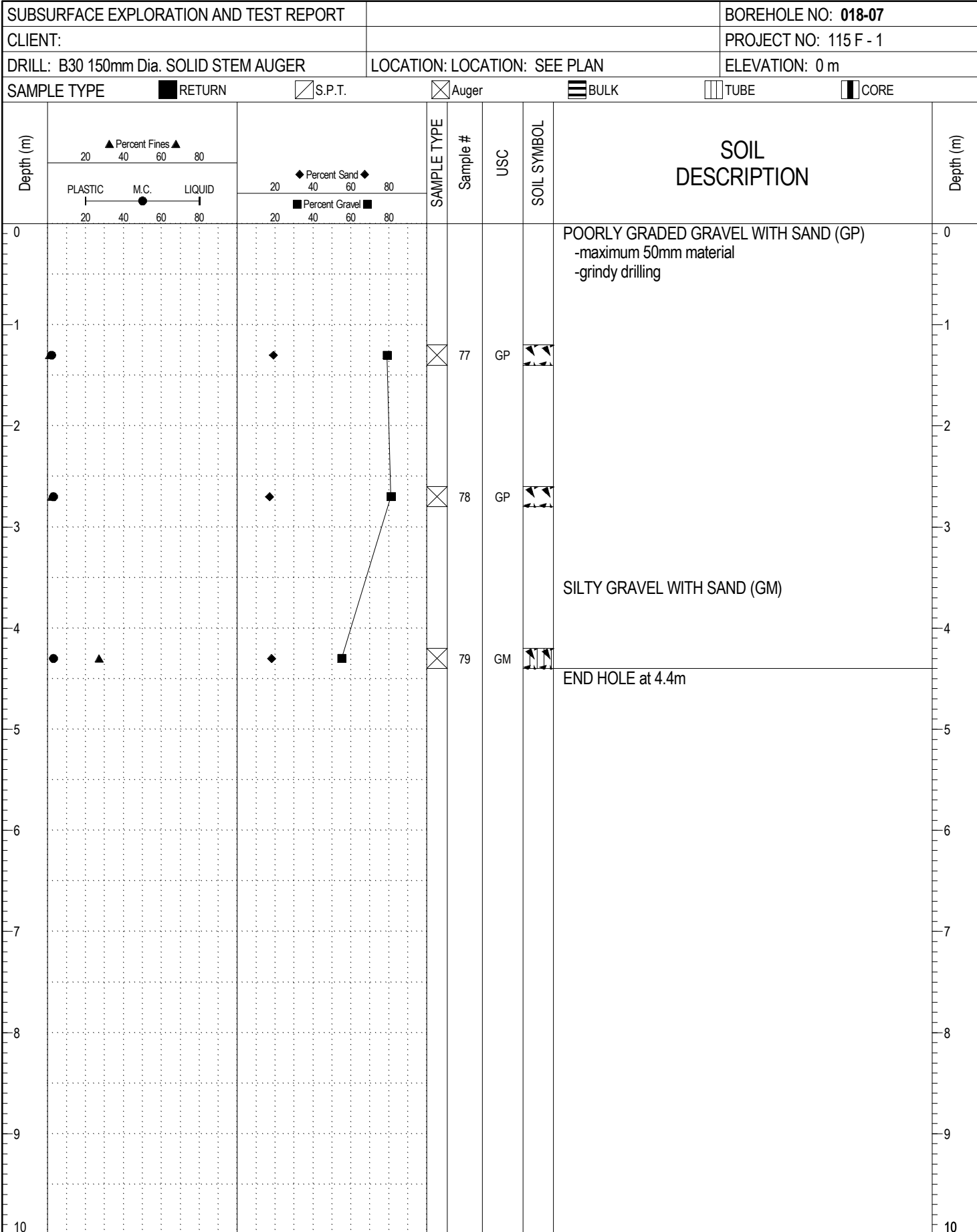
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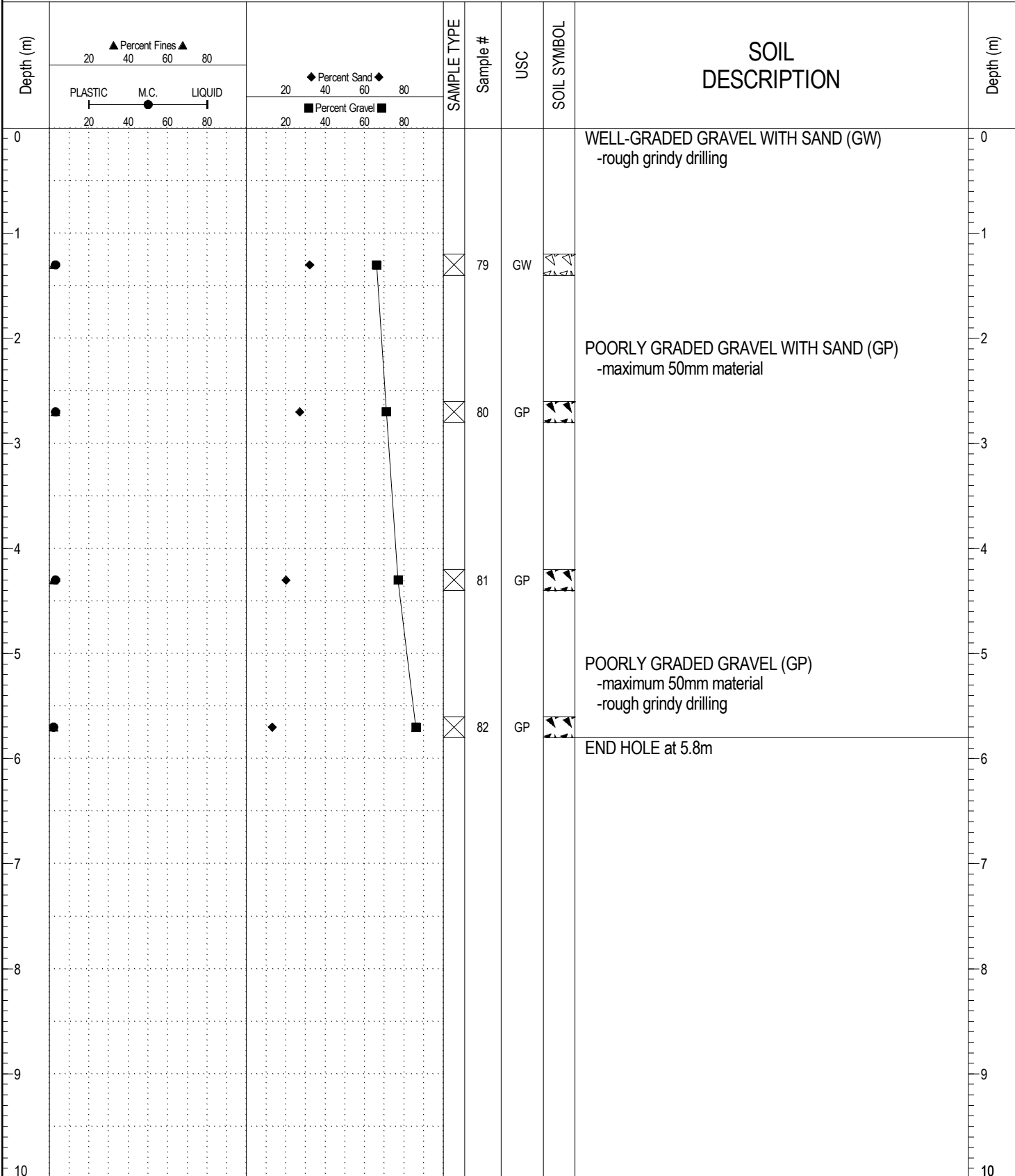
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SUBSURFACE EXPLORATION AND TEST REPORT BOREHOLE NO: **018-08**

CLIENT: PROJECT NO: 115 F - 1

DRILL: B30 150mm Dia. SOLID STEM AUGER LOCATION: LOCATION: SEE PLAN
ELEVATION: 0 m

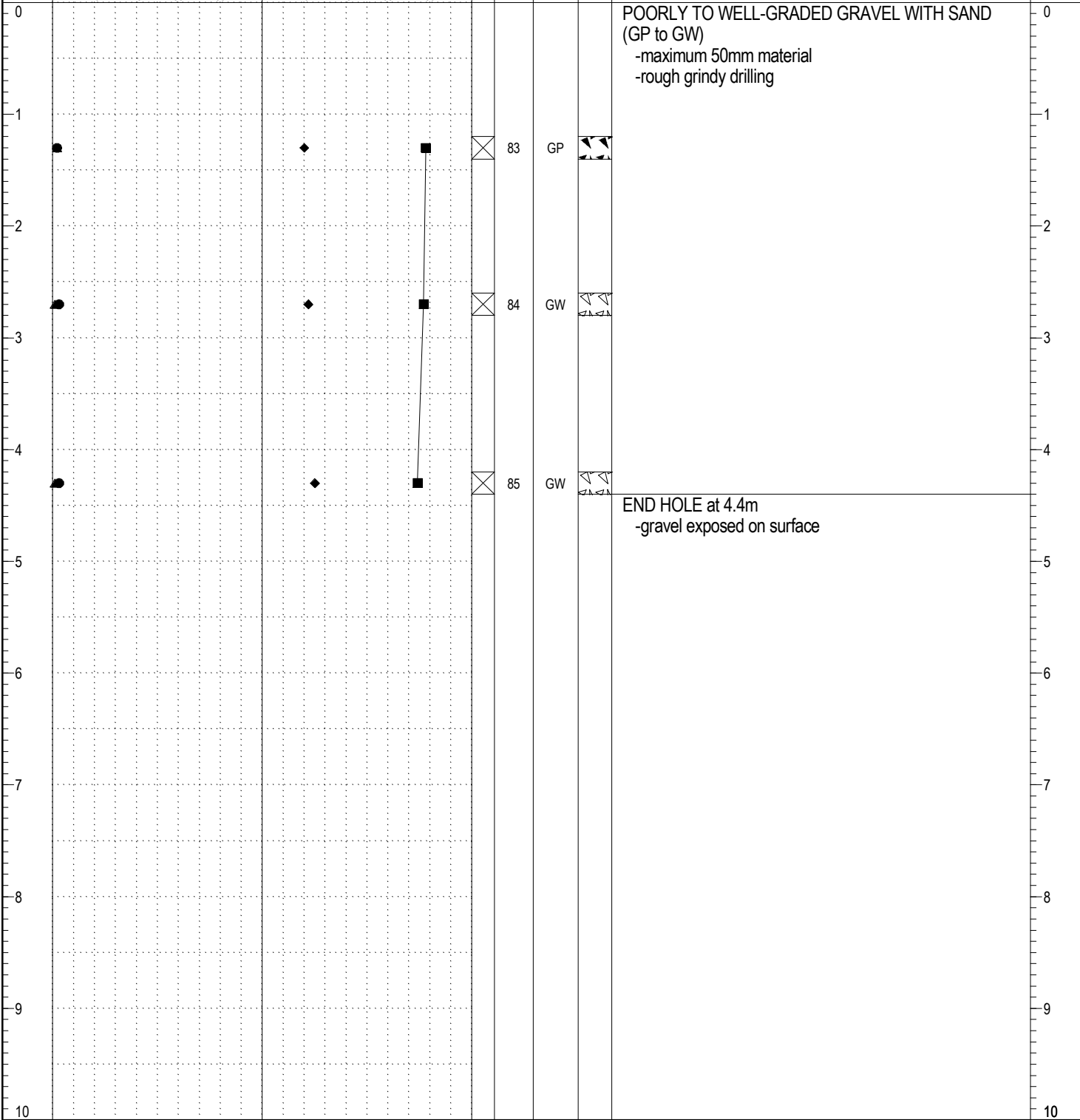
SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



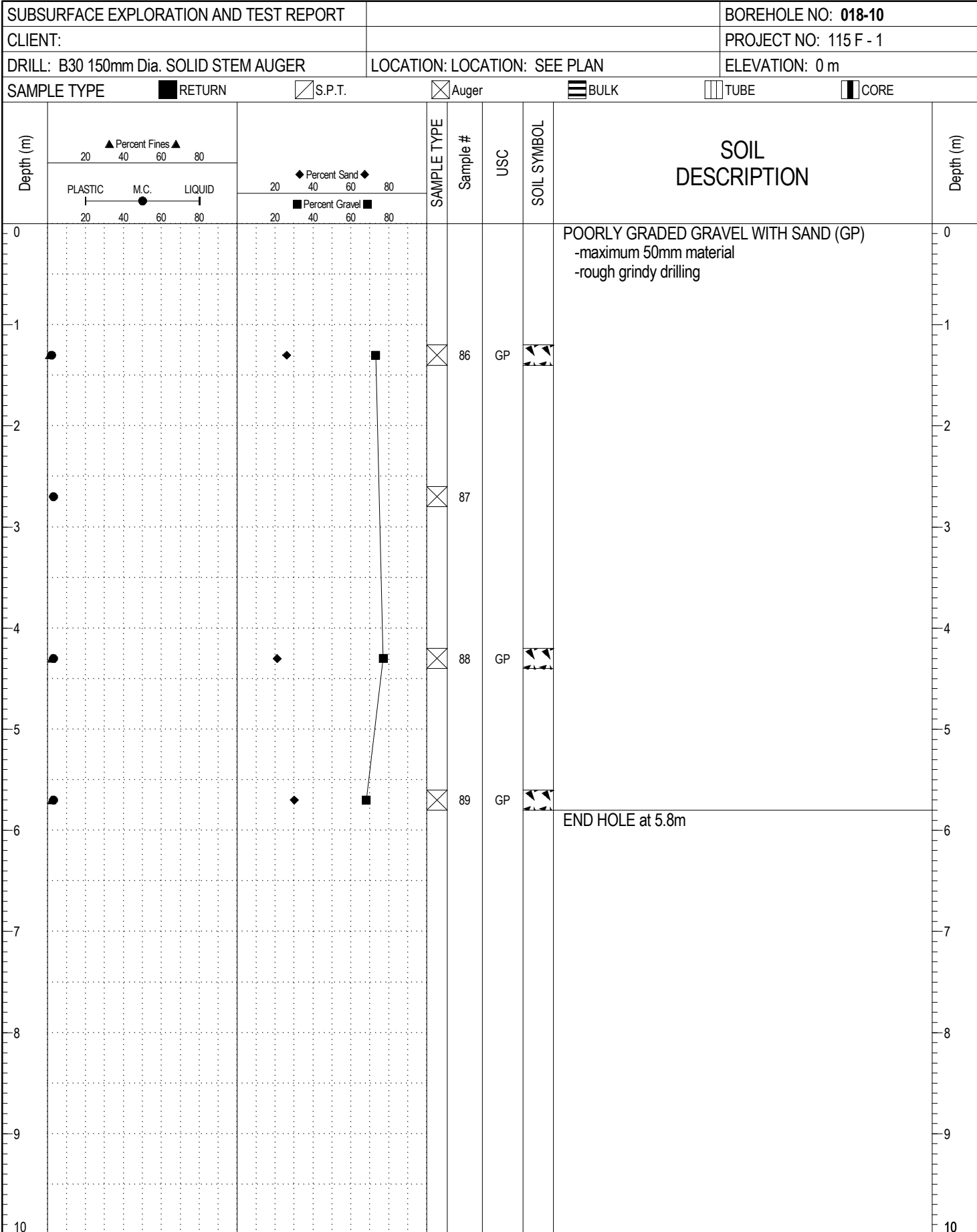
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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 018-09
CLIENT:		PROJECT NO: 115 F - 1
DRILL: B30 150mm Dia. SOLID STEM AUGER		ELEVATION: 0 m
LOCATION: LOCATION: SEE PLAN		

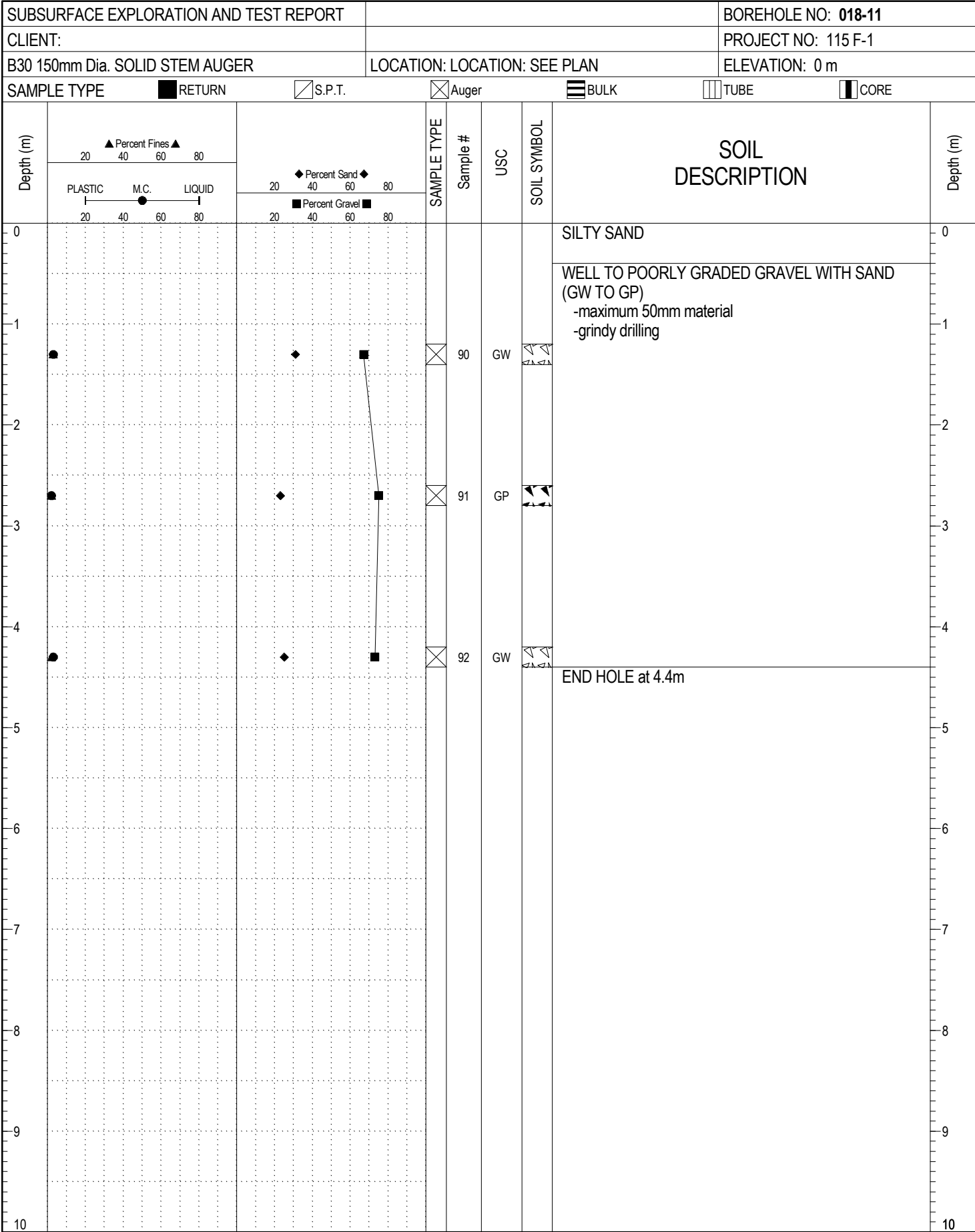
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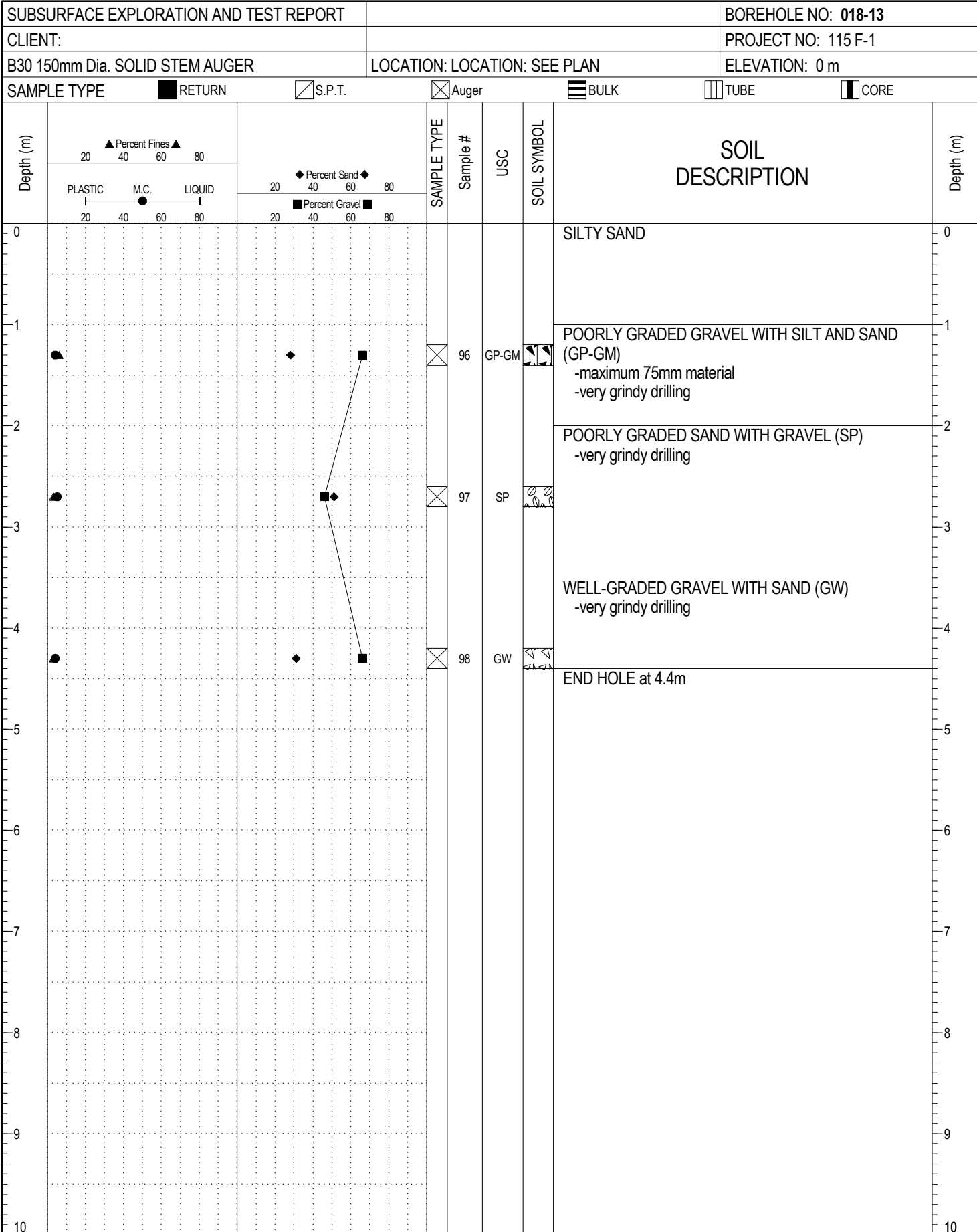
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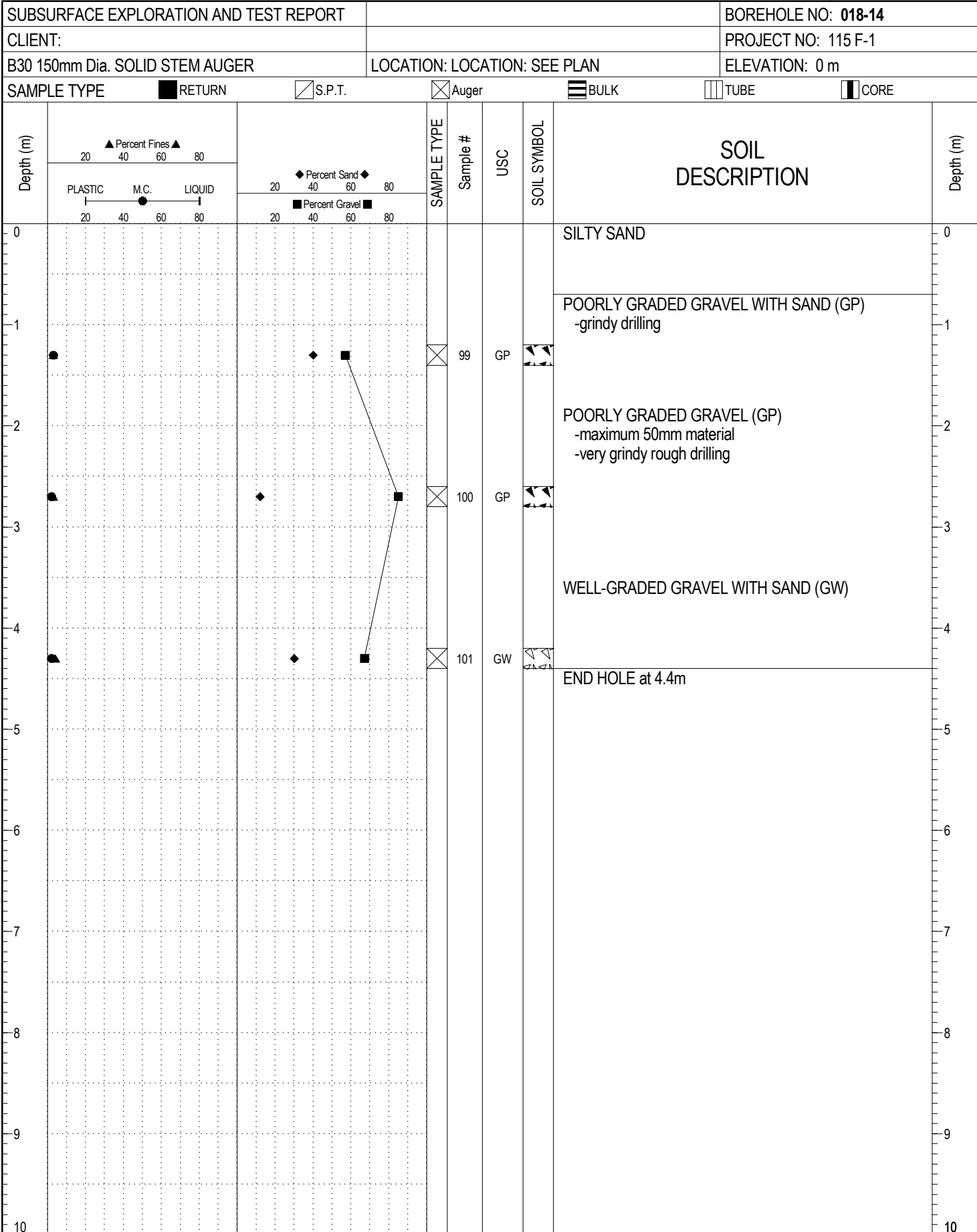
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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 018-12					
CLIENT:		PROJECT NO: 115 F-1					
B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN					
ELEVATION: 0 m							
SAMPLE TYPE		RETURN <input type="checkbox"/> S.P.T. <input type="checkbox"/> Auger <input checked="" type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE <input type="checkbox"/>					
Depth (m)	▲ Percent Fines ▲ 20 40 60 80	SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	PLASTIC M.C. LIQUID 20 40 60 80						
0						SILTY SAND -brown -moist	0
1	●▲		93	GP-GM		POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -grindy drilling	1
2							2
3	●		94				3
4	●		95				4
5						END HOLE at 4.4m	5
6							6
7							7
8							8
9							9
10							10

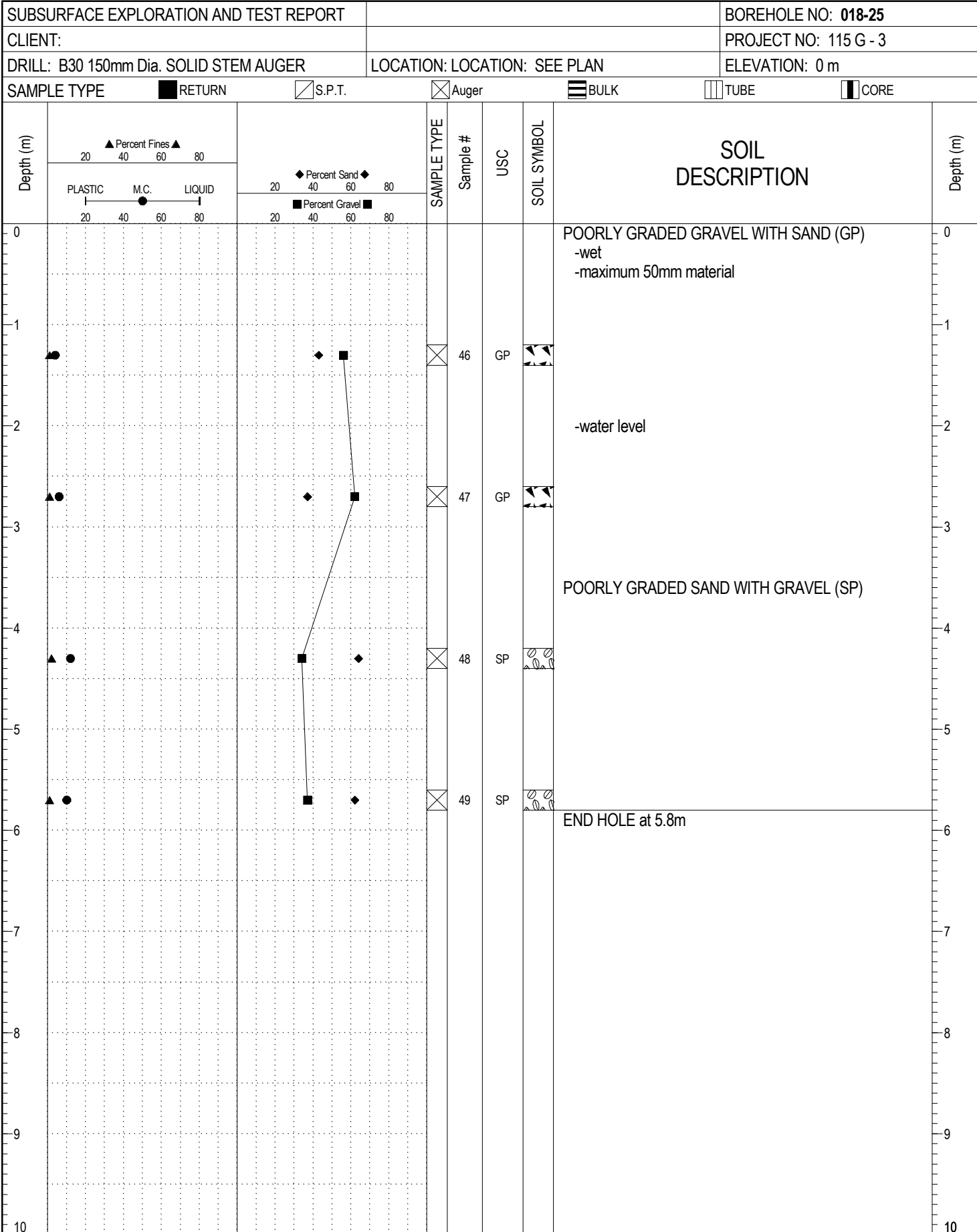
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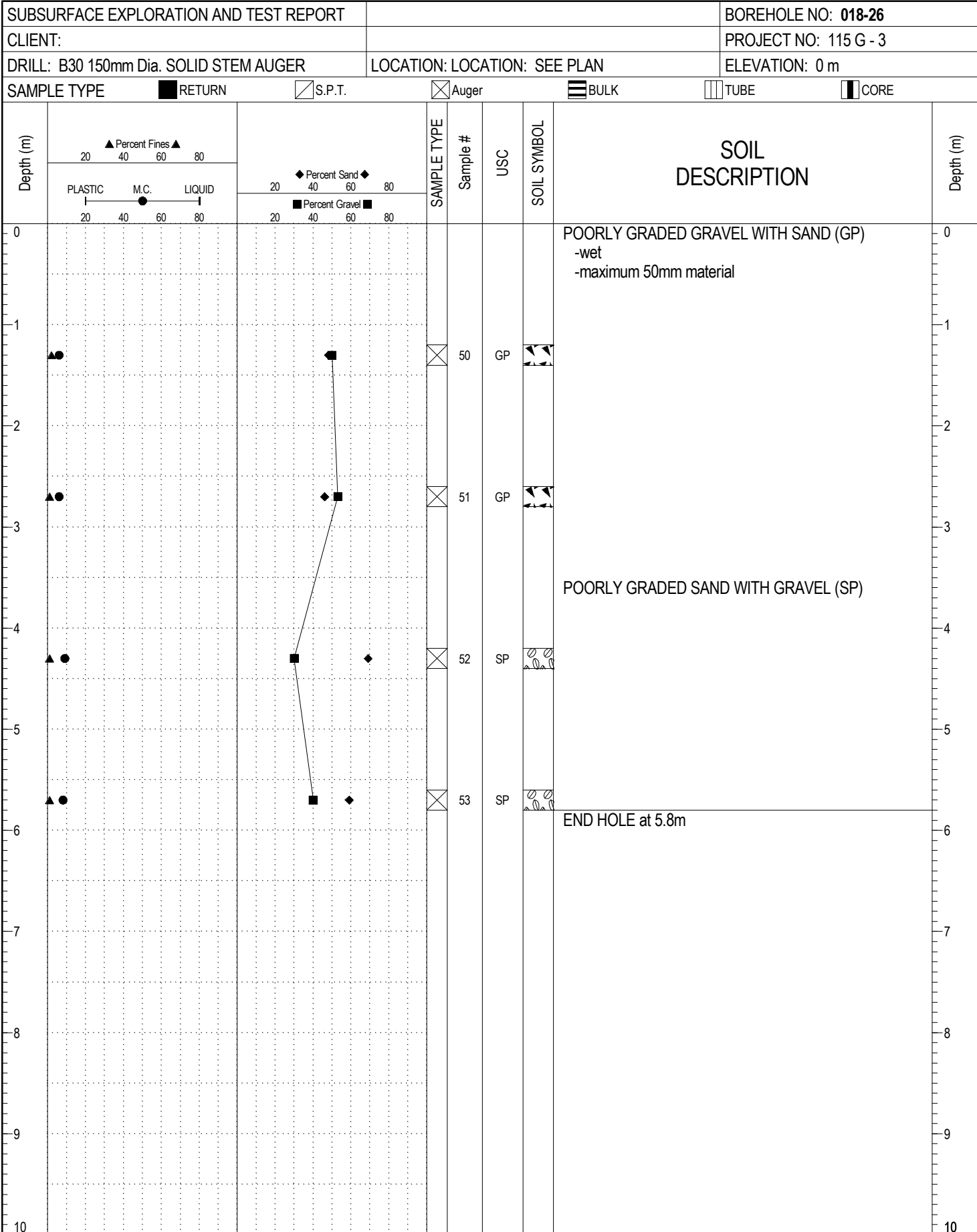
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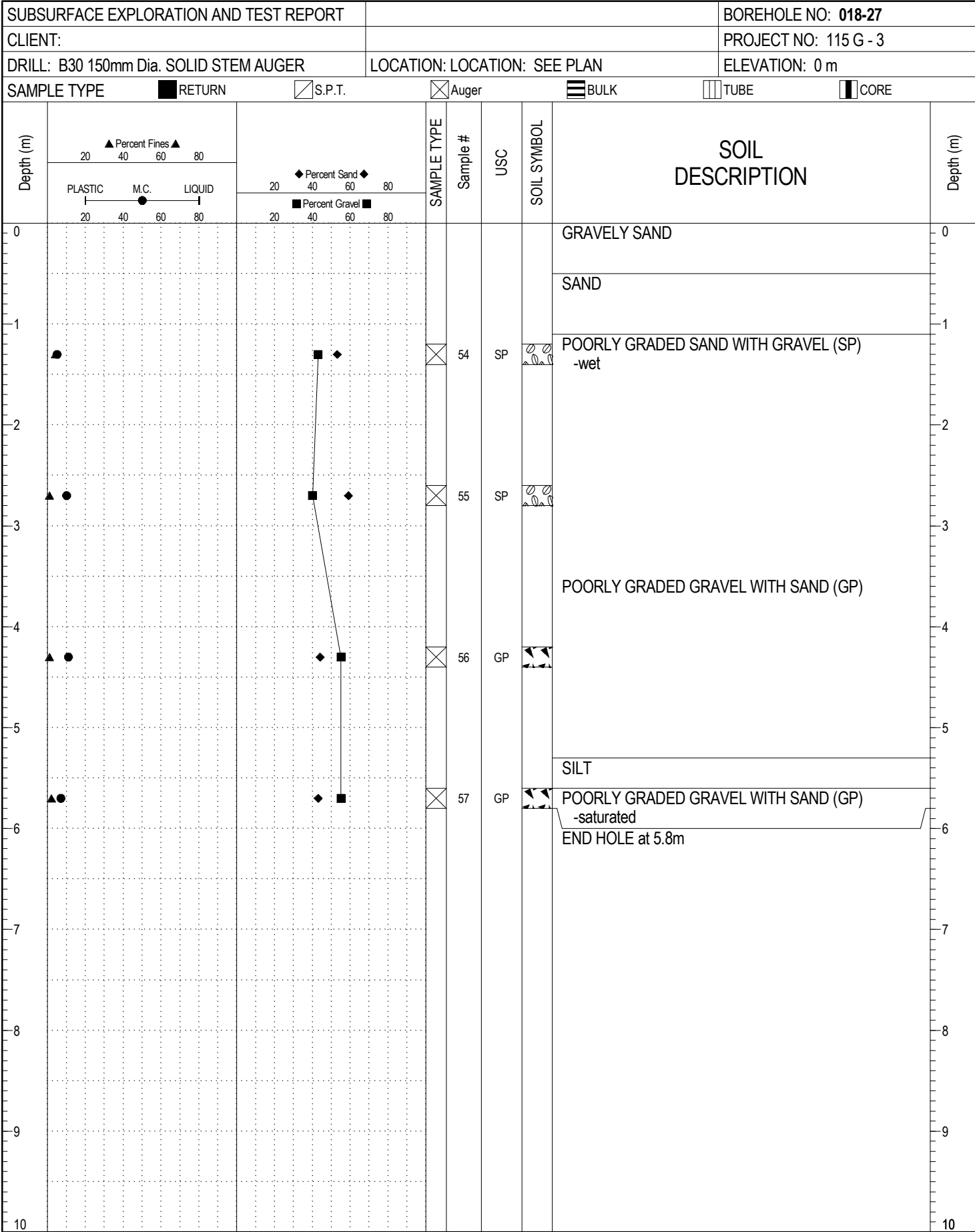
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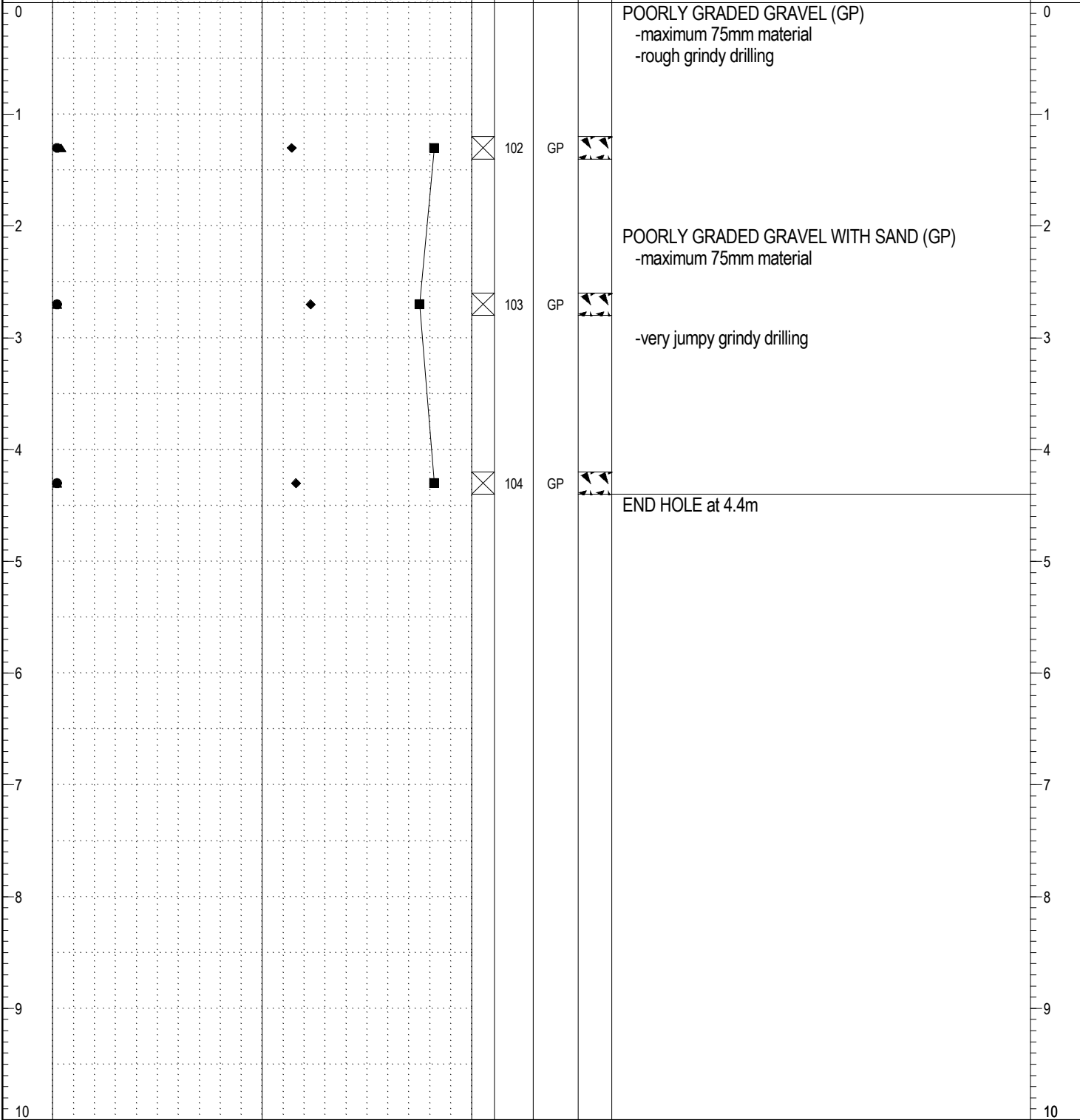
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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 018-28					
CLIENT:		PROJECT NO: 115 G - 3					
DRILL: B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN					
ELEVATION: 0 m							
SAMPLE TYPE		RETURN <input type="checkbox"/> S.P.T. <input type="checkbox"/> Auger <input checked="" type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE <input type="checkbox"/>					
Depth (m)	▲ Percent Fines ▲ 20 40 60 80	SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	PLASTIC M.C. LIQUID 20 40 60 80						
0						POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW) -maximum 50mm material	0
1						-water level	1
2							2
3							3
4							4
5							5
6							6
7							7
8							8
9							9
10						END HOLE at 2.8m	10

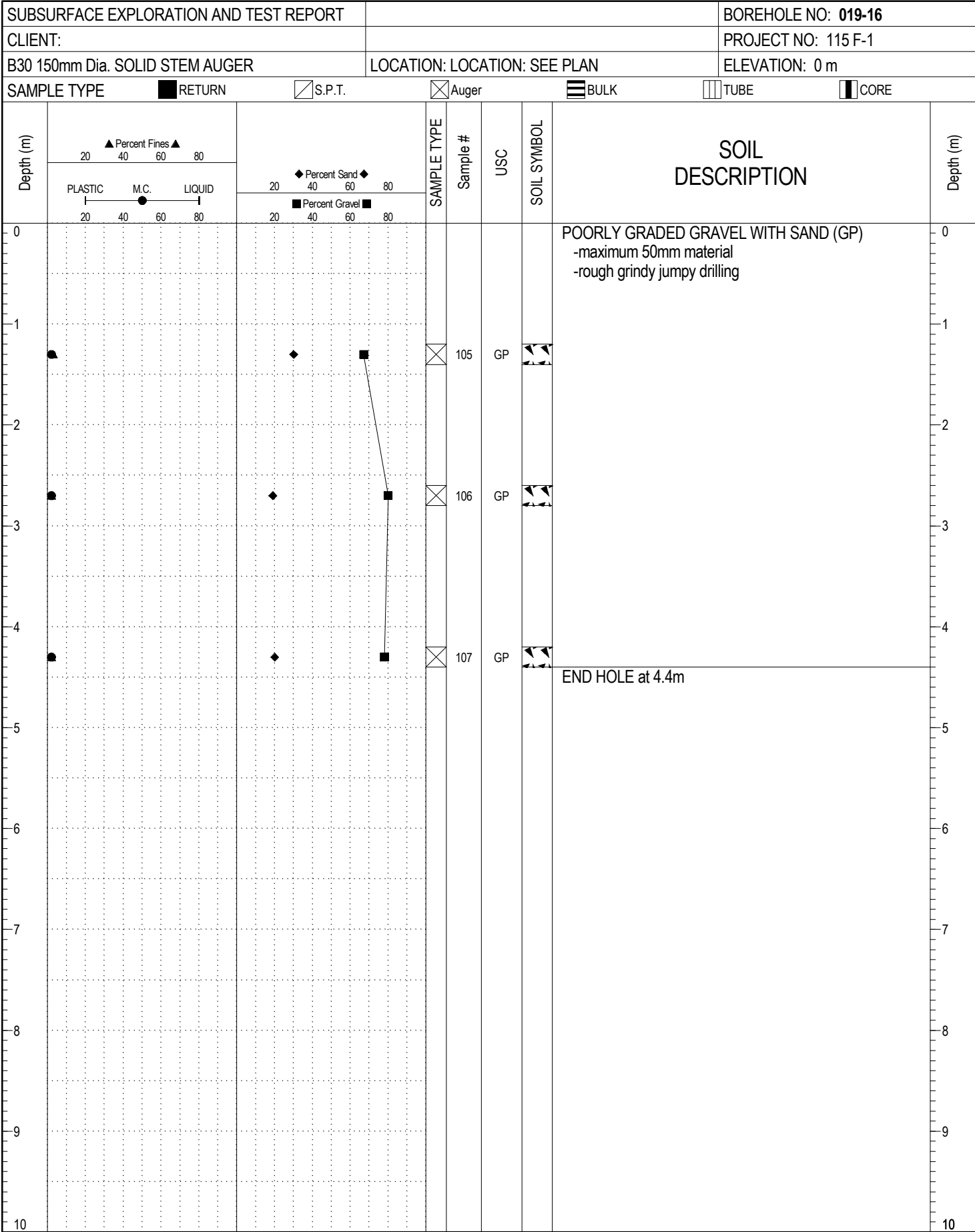
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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 019-15
CLIENT:		PROJECT NO: 115 F-1
B30 150mm Dia. SOLID STEM AUGER		ELEVATION: 0 m
LOCATION: LOCATION: SEE PLAN		

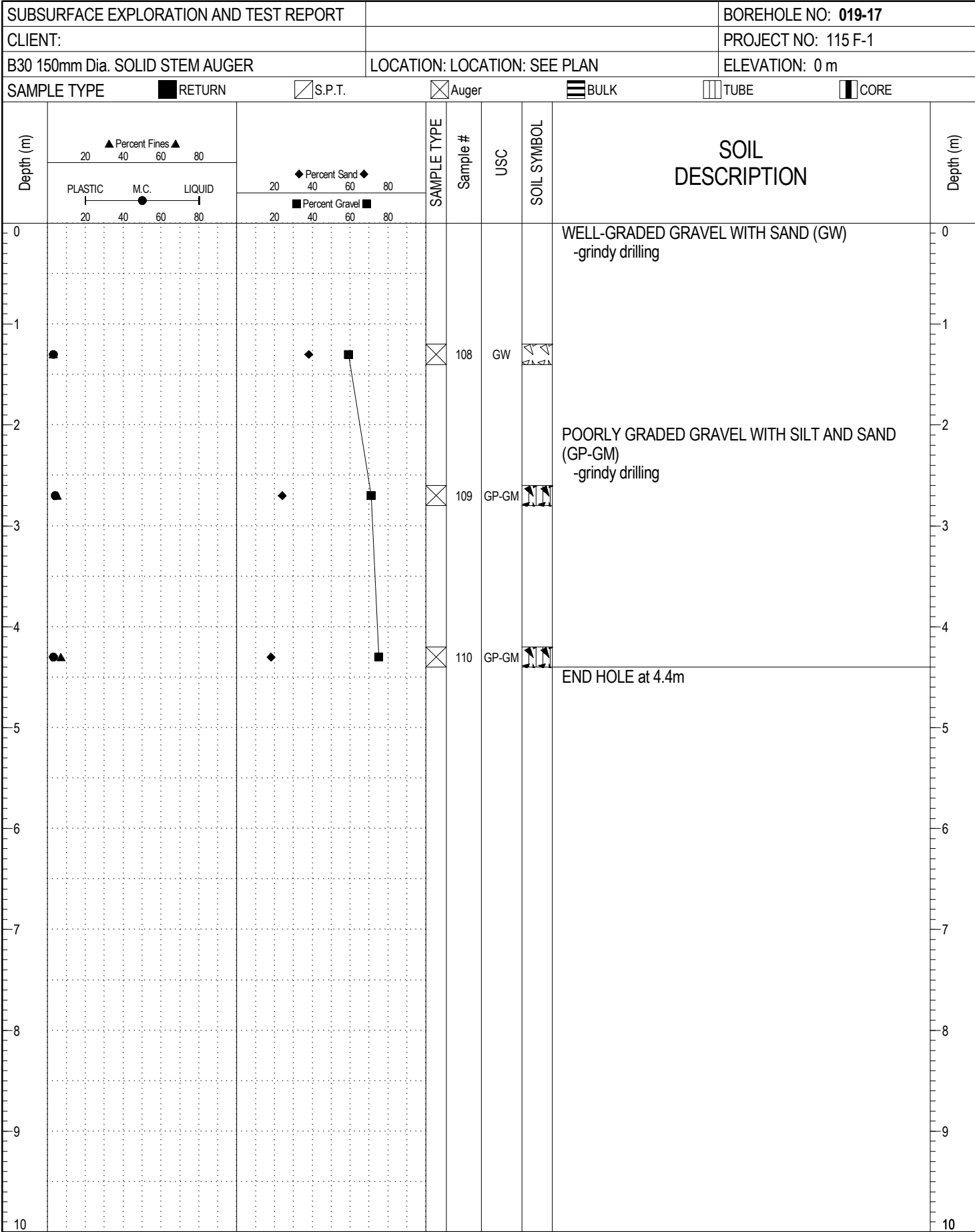
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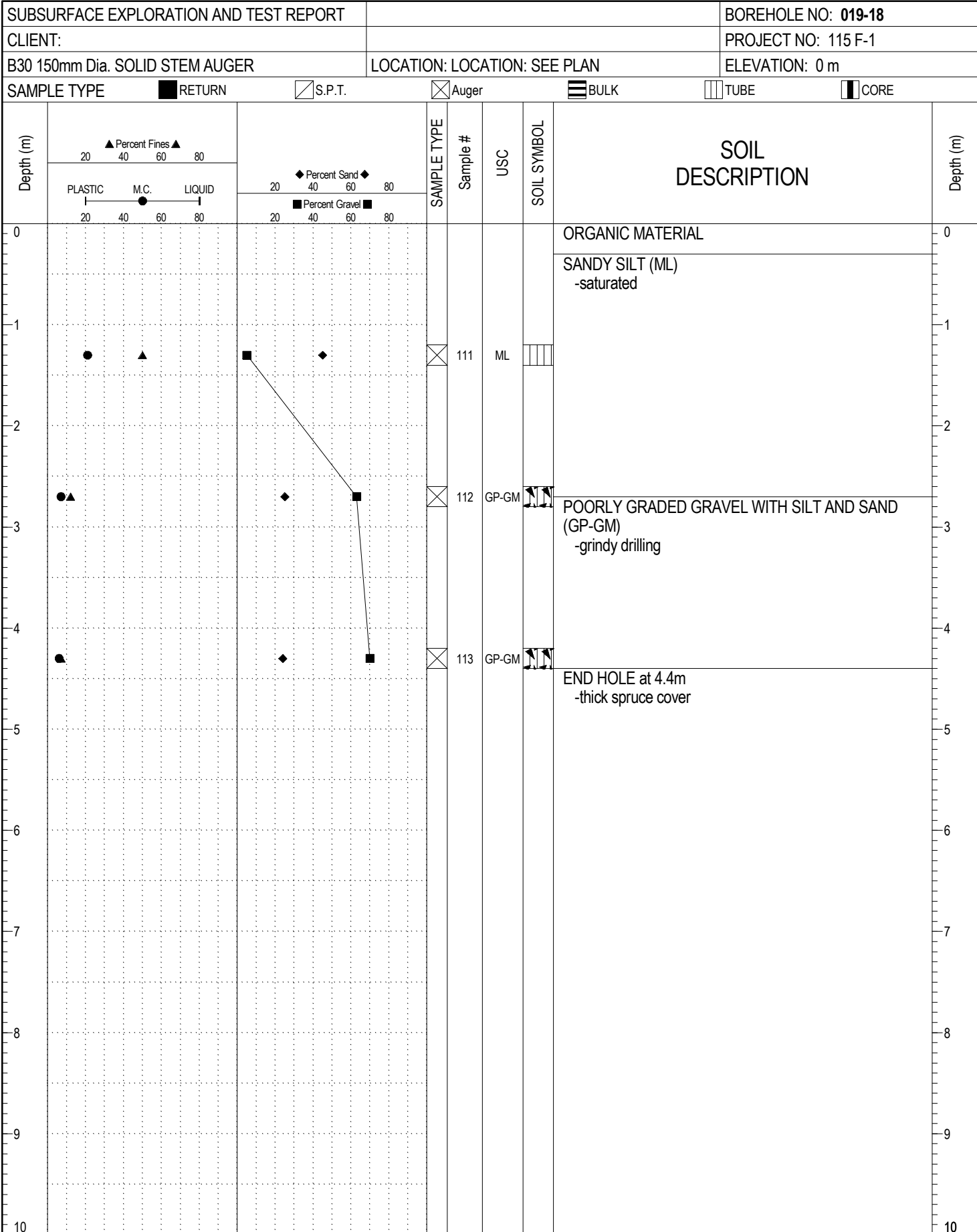
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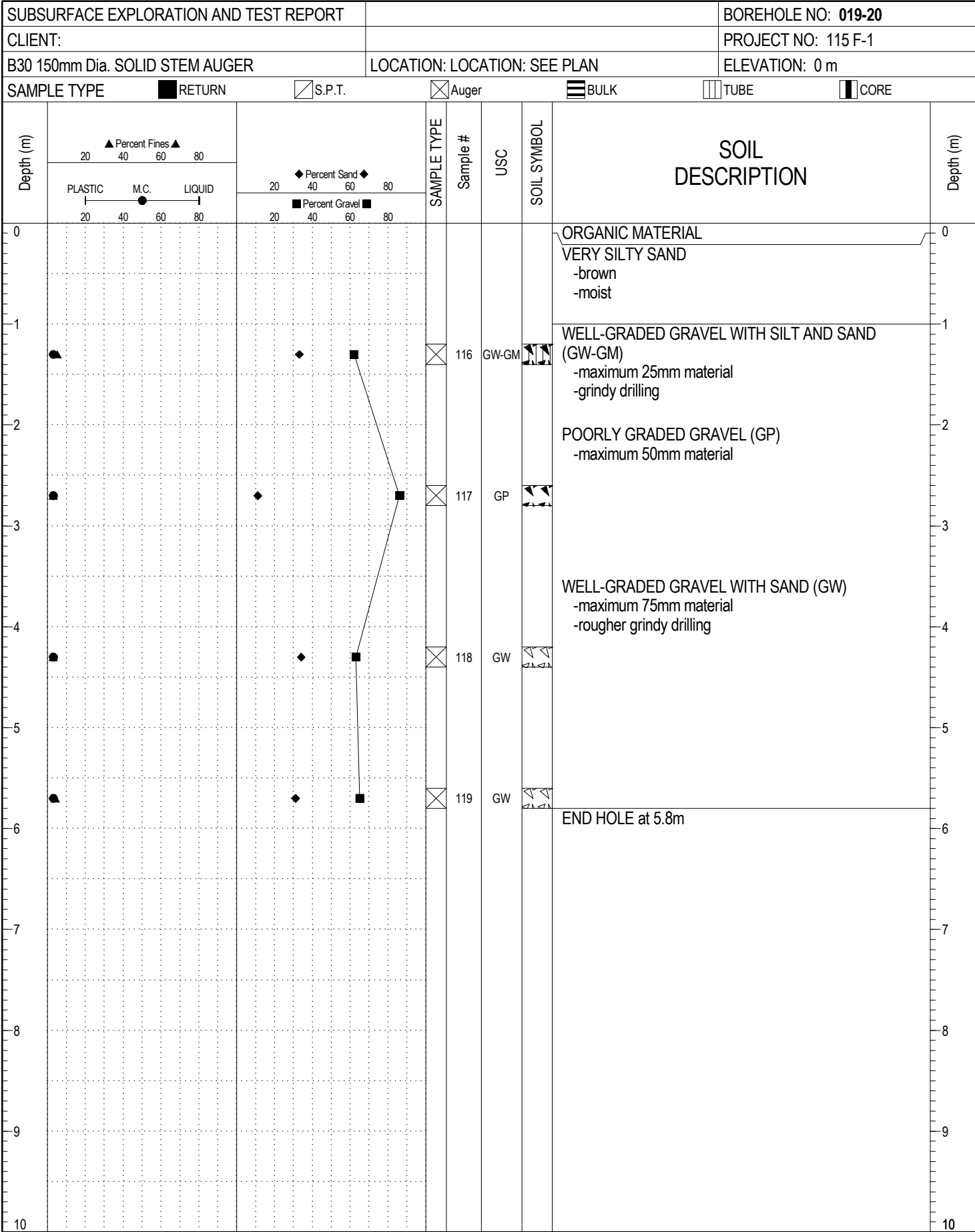
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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 019-19					
CLIENT:		PROJECT NO: 115 F-1					
B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN					
ELEVATION: 0 m							
SAMPLE TYPE		RETURN <input type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> Auger <input checked="" type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE <input type="checkbox"/>					
Depth (m)	▲ Percent Fines ▲ 20 40 60 80	SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	PLASTIC M.C. LIQUID 20 40 60 80						
0						ORGANIC MATERIAL SILT WITH SAND (ML)	0
1	● ▲		114	ML			1
2						SILTY GRAVEL WITH SAND (GM) -grindy drilling	2
3	● ▲ ◆ ■		115	GM			3
4						END HOLE at 4.4m	4
5							5
6							6
7							7
8							8
9							9
10							10

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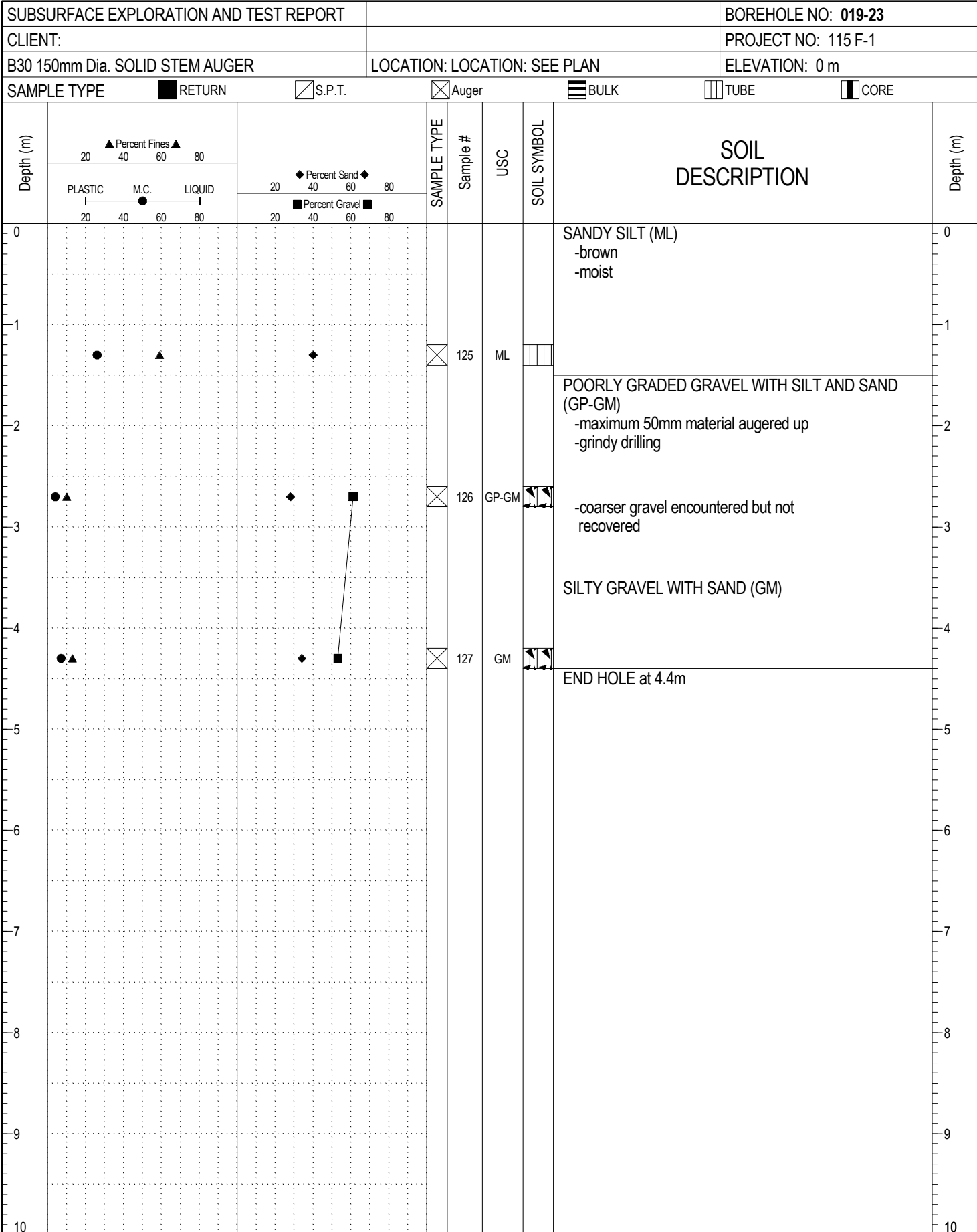
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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 019-21					
CLIENT:		PROJECT NO: 115 F-1					
B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN					
ELEVATION: 0 m							
SAMPLE TYPE		RETURN <input type="checkbox"/> S.P.T. <input type="checkbox"/> Auger <input checked="" type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE <input type="checkbox"/>					
Depth (m)	▲ Percent Fines ▲ 20 40 60 80	SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	PLASTIC M.C. LIQUID 20 40 60 80						
0						SANDY SILT (ML) -brown -moist	0
1							
2						POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -maximum 75mm material -grindy drilling	2
3							
4						END HOLE at 4.4m	4
5							5
6							6
7							7
8							8
9							9
10							10

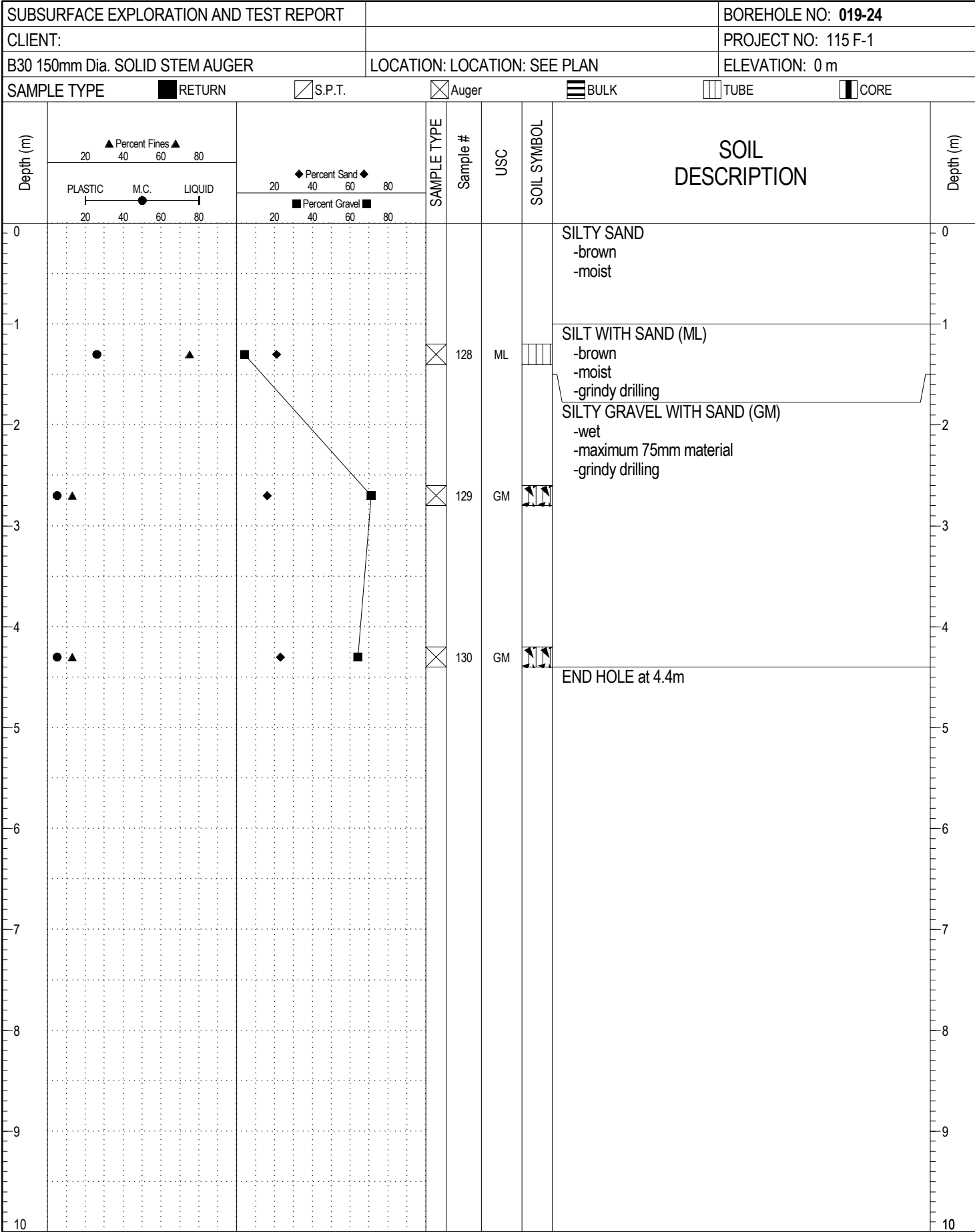
GEOTECH GRAVEL 016-020.GPJ YTG.GDT 14/8/19

SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 019-22						
CLIENT:		PROJECT NO: 115 F-1						
B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN						
ELEVATION: 0 m								
SAMPLE TYPE		RETURN						
<input type="checkbox"/> S.P.T.		<input checked="" type="checkbox"/> Auger						
<input type="checkbox"/> BULK		<input type="checkbox"/> TUBE						
<input type="checkbox"/> CORE								
Depth (m)	▲ Percent Fines ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	◆ Percent Sand ◆ 20 40 60 80 ■ Percent Gravel ■ 20 40 60 80	SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
0							SILT (ML) -brown -saturated	0
1				122	ML			1
2							WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -maximum 50mm material augered up -coarser material encountered but not recovered	2
3				123	GW-GM			3
4				124	GW-GM			4
5							END HOLE at 4.4m -spruce, poplar, and cottonwood cover	5
6								6
7								7
8								8
9								9
10								10

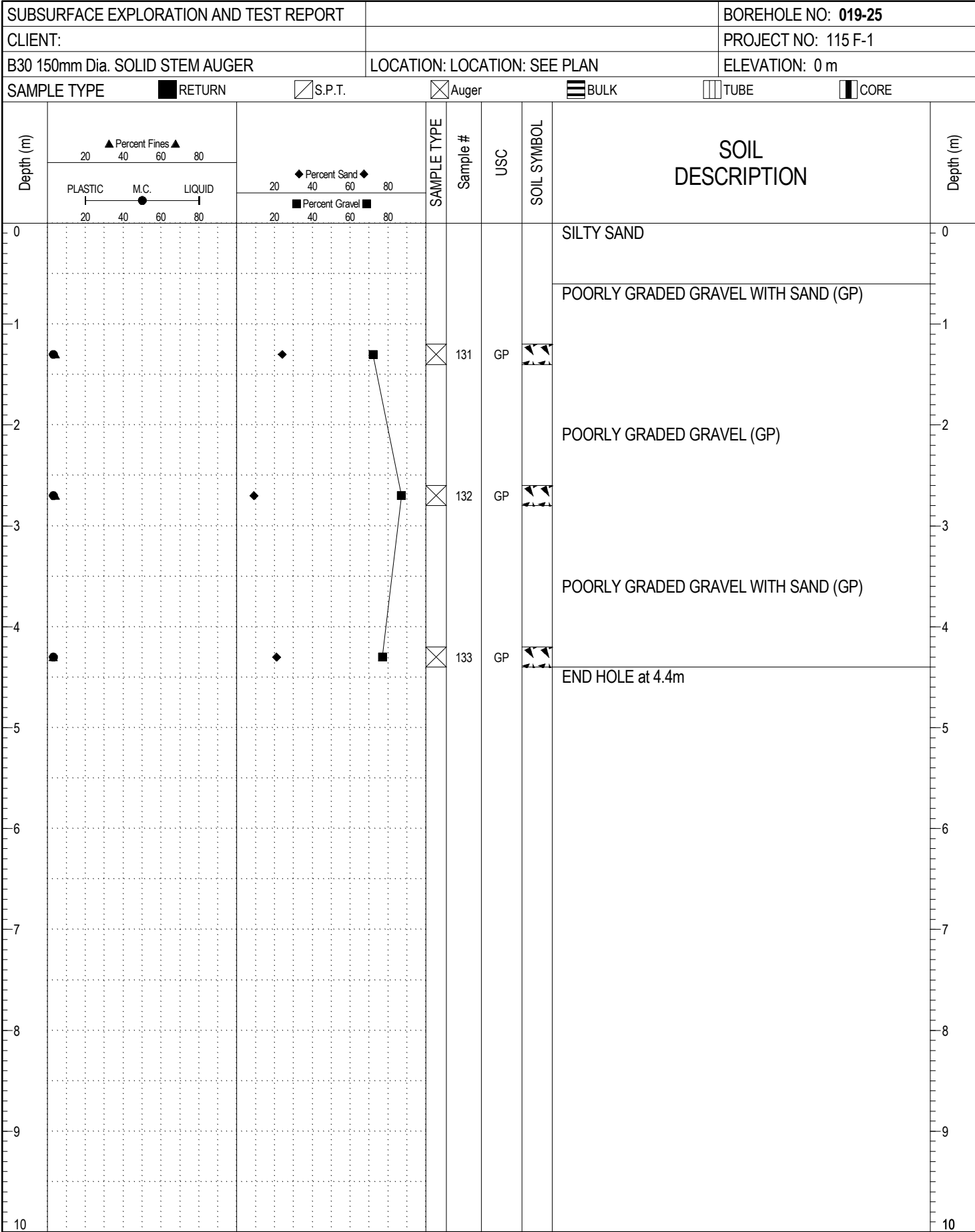
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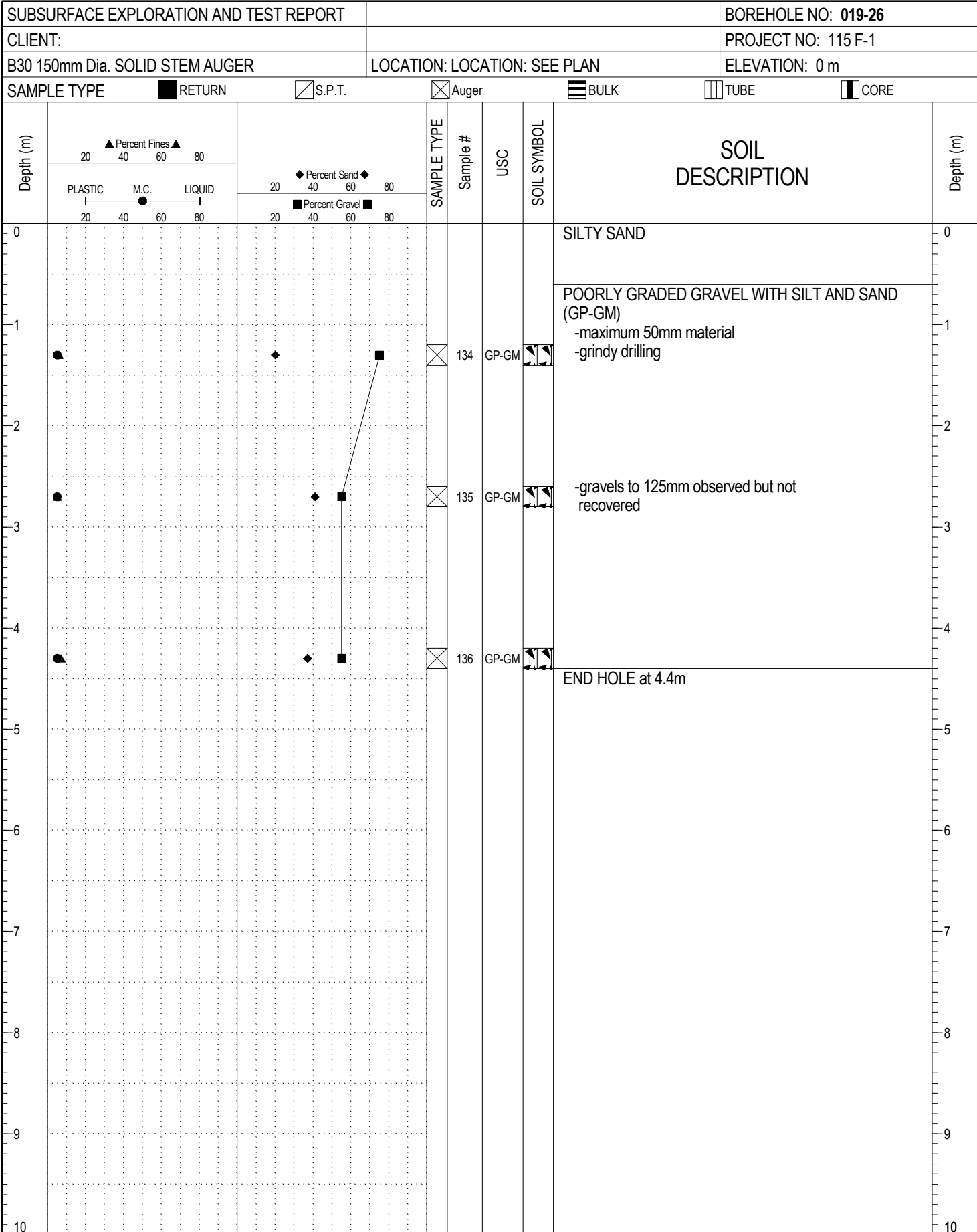
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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 019-27					
CLIENT:		PROJECT NO: 115 F-1					
B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN					
ELEVATION: 0 m							
SAMPLE TYPE		RETURN <input type="checkbox"/> S.P.T. <input type="checkbox"/> Auger <input checked="" type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE <input type="checkbox"/>					
Depth (m)	▲ Percent Fines ▲ 20 40 60 80	SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	PLASTIC M.C. LIQUID 20 40 60 80						
0						ORGANIC SANDY SILT	0
1			137	GP-GM		POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -may be contaminated by silt above -maximum 50mm material -grindy drilling	1
2			138	GP-GM		-jumpy tough grindy drilling	2
3						WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -coarser gravels not recovered	3
4			139	GW-GM			4
5						END HOLE at 4.4m	5
6							6
7							7
8							8
9							9
10							10

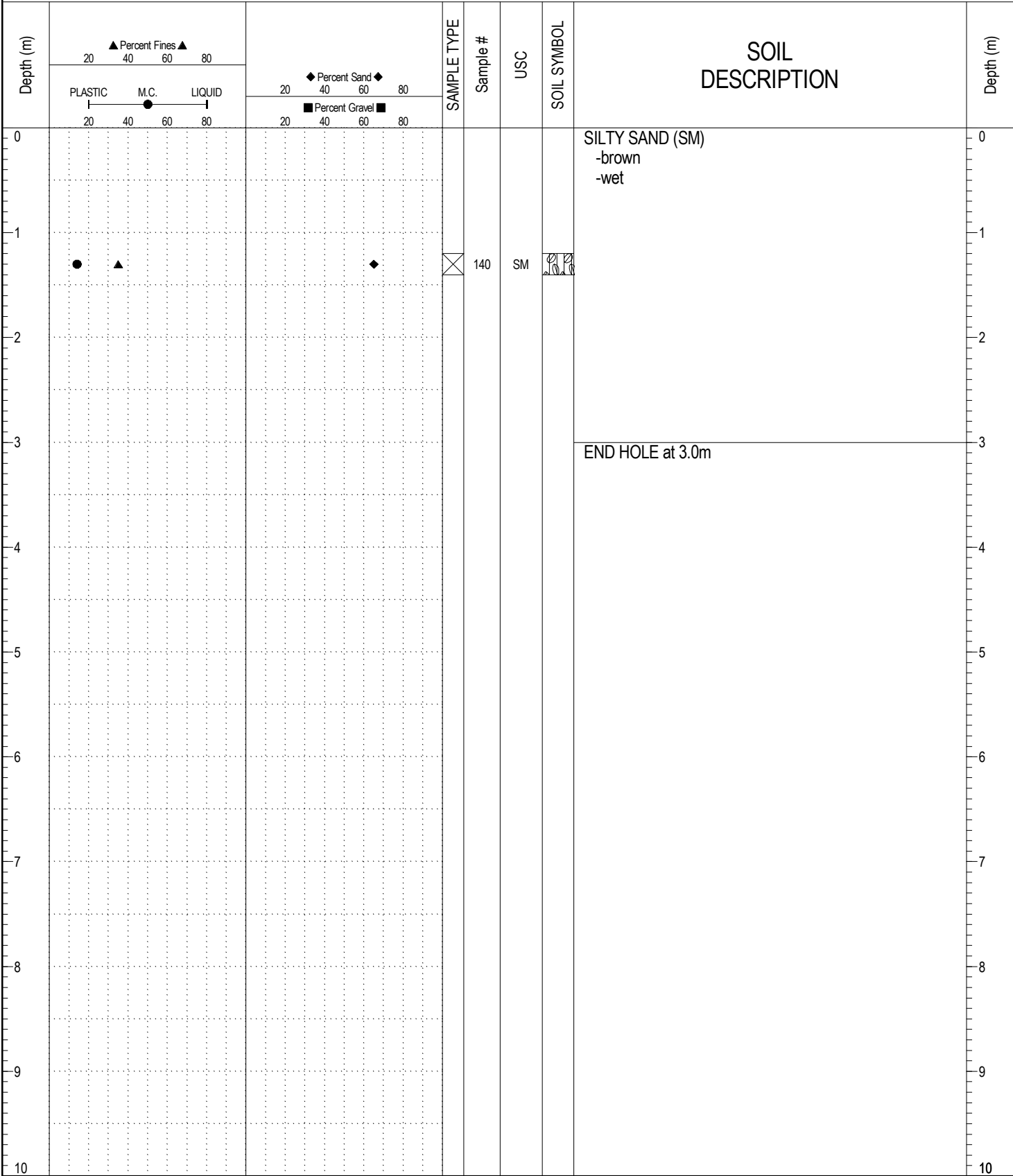
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SUBSURFACE EXPLORATION AND TEST REPORT BOREHOLE NO: **019-28**

CLIENT: PROJECT NO: 115 F-1

B30 150mm Dia. SOLID STEM AUGER LOCATION: LOCATION: SEE PLAN
ELEVATION: 0 m

SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 019-29			
CLIENT:		PROJECT NO: 115 F-1			
B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN			
ELEVATION: 0 m					
SAMPLE TYPE <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> Auger <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE					
Depth (m)	▲ Percent Fines ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80	◆ Percent Sand ◆ 20 40 60 80 ■ Percent Gravel ■ 20 40 60 80	SAMPLE TYPE Sample # USC SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
0				POORLY GRADED GRAVEL WITH SAND (GP) -maximum 75mm material augered up -jumpy rough drilling	0
1			141 GP		1
2				WELL-GRADED GRAVEL (GW) -maximum 50mm material augered up	2
3			142 GW		3
4				POORLY GRADED GRAVEL WITH SAND (GP) -maximum 100mm material augered up	4
5			143 GP		5
6			144 GP	-wet -slightly smoother drilling	6
7				END HOLE at 5.8m -coarser gravels encountered but not recovered from 0.0m to 5.8m -exposed gravel on surface	7
8					8
9					9
10					10

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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 019-30						
CLIENT:		PROJECT NO: 115 F-1						
B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN						
ELEVATION: 0 m								
SAMPLE TYPE <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> Auger <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE								
Depth (m)	▲ Percent Fines ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80		SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	◆ Percent Sand ◆ 20 40 60 80 ■ Percent Gravel ■ 20 40 60 80							
0							WELL-GRADED GRAVEL WITH SAND (GW) -maximum 75mm material -jumpy grindy drilling	0
1				145	GW			1
2							POORLY GRADED GRAVEL (GP) -maximum 75mm material	2
3				146	GP			3
4							POORLY GRADED GRAVEL WITH SAND (GP) -maximum 75mm material	4
5				147	GP			5
6							END HOLE at 4.4m -larger gravels encountered but not recovered from 0.0m to 4.4m -surface gravel maximum 125mm	6
7								7
8								8
9								9
10								10

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SUBSURFACE EXPLORATION AND TEST REPORT		BOREHOLE NO: 019-31					
CLIENT:		PROJECT NO: 115 F-1					
B30 150mm Dia. SOLID STEM AUGER		LOCATION: LOCATION: SEE PLAN					
ELEVATION: 0 m							
SAMPLE TYPE		RETURN <input type="checkbox"/> S.P.T. <input type="checkbox"/> Auger <input checked="" type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE <input type="checkbox"/>					
Depth (m)	▲ Percent Fines ▲ 20 40 60 80	SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	PLASTIC M.C. LIQUID 20 40 60 80						
0						GRAVELY SAND	0
						SAND	
1						POORLY GRADED GRAVEL WITH SAND (GP)	1
						-maximum 75mm material augered up	
						-larger material encountered but not recovered	
						-jumpy grindy drilling	
2							2
3							3
4							4
5							5
6							6
7							7
8							8
9							9
10							10

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