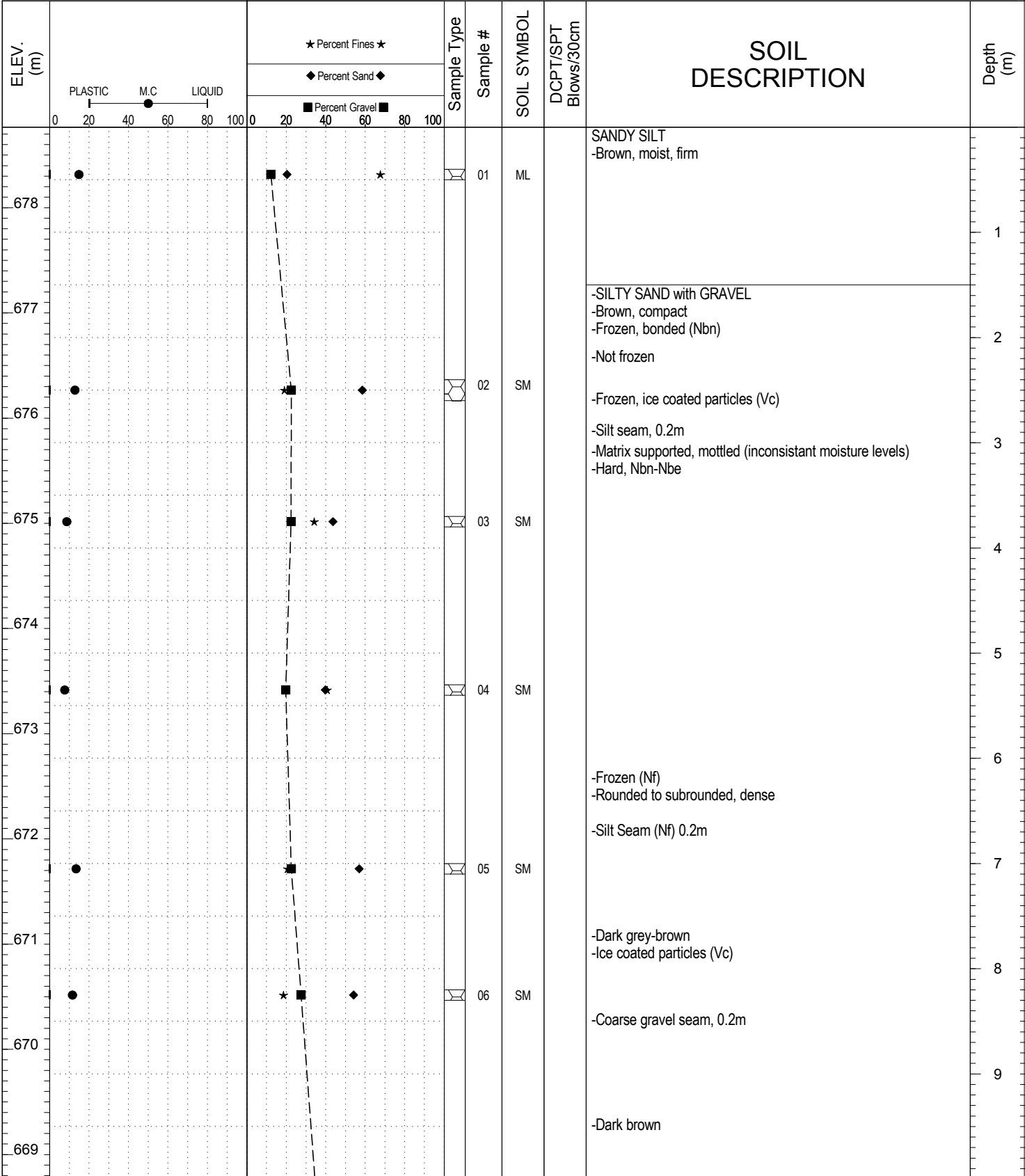
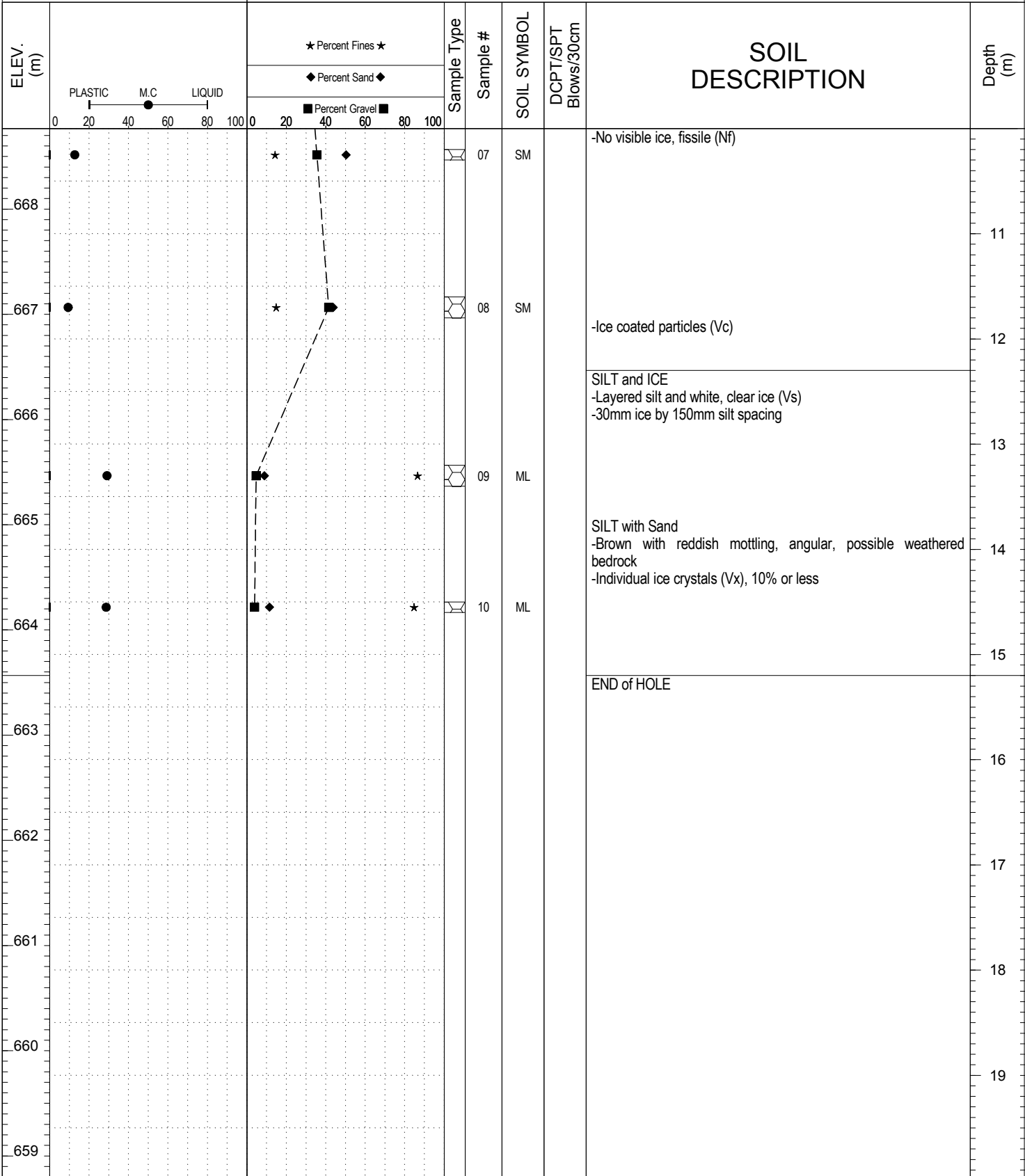


SAMPLE TYPE UNDISTURBED DCPT AUGER BULK SPT CORE



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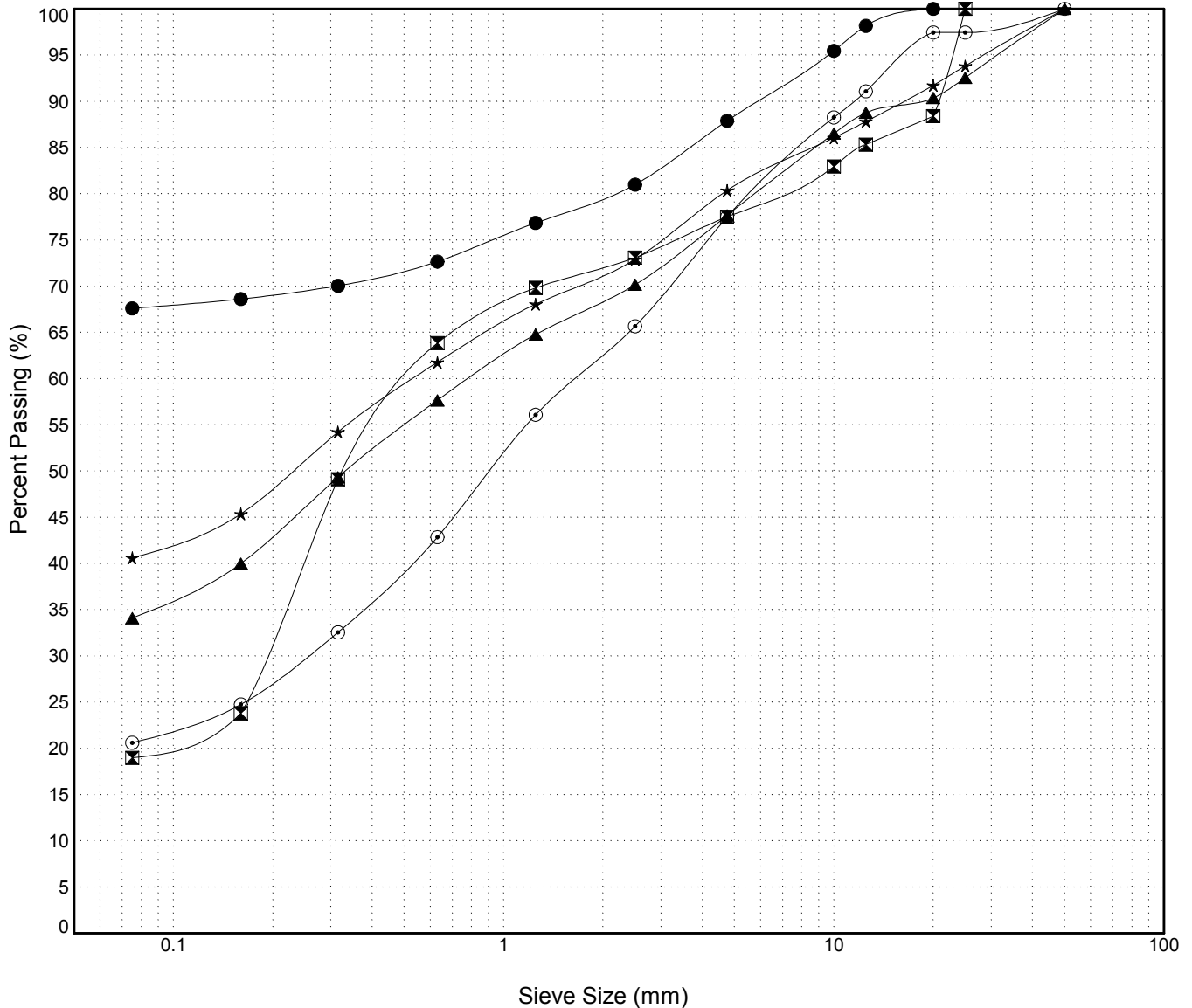
GRAIN SIZE ANALYSIS	Establishment of Baseline Data 2015	SOURCE/TP#: 875-5318
Boart Longyear	km 657 LHS	PROJECT NO: 552-202021-0601 01-1
Sonic Drill	Coordinates:Z7V N7098146m E623269.2m	ELEVATION: 678.766052m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 01	87	0.4 to 0.5	SANDY SILT (ML)	14.8	NP	NP	NP		
☒ 02	88	2.6 to 2.4	SILTY SAND with GRAVEL (SM)	12.8	NP	NP	NP		
▲ 03	89	3.7 to 3.8	SILTY SAND with GRAVEL (SM)	8.7	NP	NP	NP		
★ 04	90	5.3 to 5.4	SILTY SAND with GRAVEL (SM)	7.6	NP	NP	NP		
⊙ 05	91	7.0 to 7.1	SILTY SAND with GRAVEL (SM)	13.4	NP	NP	NP		

Field #	Lab #	% PASSING													% Breakdown				
		100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	Gravel	Sand	Silt	Clay
● 01	87	100.0	100.0	100.0	100.0	100.0	98.2	95.5	87.9	81.0	76.8	72.7	70.0	68.6	67.6	12.1	20.3	67.6	
☒ 02	88	100.0	100.0	100.0	100.0	88.4	85.3	82.9	77.5	73.1	69.8	63.8	49.1	23.8	19.0	22.5	58.5	19.0	
▲ 03	89	100.0	100.0	100.0	92.6	90.4	88.8	86.5	77.7	70.2	64.8	57.7	49.3	40.0	34.1	22.3	43.6	34.1	
★ 04	90	100.0	100.0	100.0	93.8	91.7	87.8	86.1	80.4	72.9	68.1	61.8	54.2	45.4	40.6	19.6	39.7	40.6	
⊙ 05	91	100.0	100.0	100.0	97.4	97.4	91.1	88.3	77.5	65.7	56.1	42.9	32.6	24.8	20.6	22.5	56.9	20.6	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse



GRAIN SIZE ANALYSIS	Establishment of Baseline Data 2015	SOURCE/TP#: 875-5318
Boart Longyear	km 657 LHS	PROJECT NO: 552-202021-0601 01-1
Sonic Drill	Coordinates:Z7V N7098146m E623269.2m	ELEVATION: 678.766052m

Master Revised July 2013

Field #	Lab #	Depth	Classification	%H2O	LL	PL	PI	Cc	Cu
● 06	92	8.2 to 8.3	SILTY SAND with GRAVEL(SM)	11.5	NP	NP	NP		
☒ 07	93	10.2 to 10.3	SILTY SAND with GRAVEL(SM)	12.7	NP	NP	NP		
▲ 08	94	11.6 to 11.8	SILTY SAND with GRAVEL(SM)	9.4	NP	NP	NP		
★ 09	95	13.2 to 13.4	SILT(ML)	29.0	NP	NP	NP		
⊙ 10	96	14.5 to 14.6	SILT with SAND(ML)	28.6	NP	NP	NP		

Field #	Lab #	% PASSING														% Breakdown			
		100.0	80.0	50.0	25.0	20.0	12.5	10.0	5.0	2.5	1.25	0.630	0.315	0.160	0.080	Gravel	Sand	Silt	Clay
● 06	92	100.0	100.0	100.0	93.8	87.0	84.9	83.2	72.6	61.1	51.7	38.7	31.5	22.5	18.5	27.4	54.0	18.5	
☒ 07	93	100.0	100.0	100.0	94.1	90.8	84.4	80.5	64.5	51.3	41.3	28.3	21.0	16.6	14.2	35.5	50.3	14.2	
▲ 08	94	100.0	100.0	100.0	90.6	88.3	83.6	78.1	58.5	44.5	36.2	27.8	20.8	16.7	14.8	41.5	43.7	14.8	
★ 09	95	100.0	100.0	100.0	100.0	100.0	98.5	98.0	95.4	93.2	91.5	89.7	88.5	87.5	86.5	4.6	8.8	86.5	
⊙ 10	96	100.0	100.0	100.0	100.0	100.0	99.9	99.1	96.2	93.8	92.0	89.5	87.6	85.9	84.7	3.8	11.5	84.7	

Silt	Sand			Gravel	
	Fine	Medium	Coarse	Fine	Coarse

