

# Dartistech

## PARTICLE SIZE RESULTS ( ASTM D-422 )



Project: Sample Project

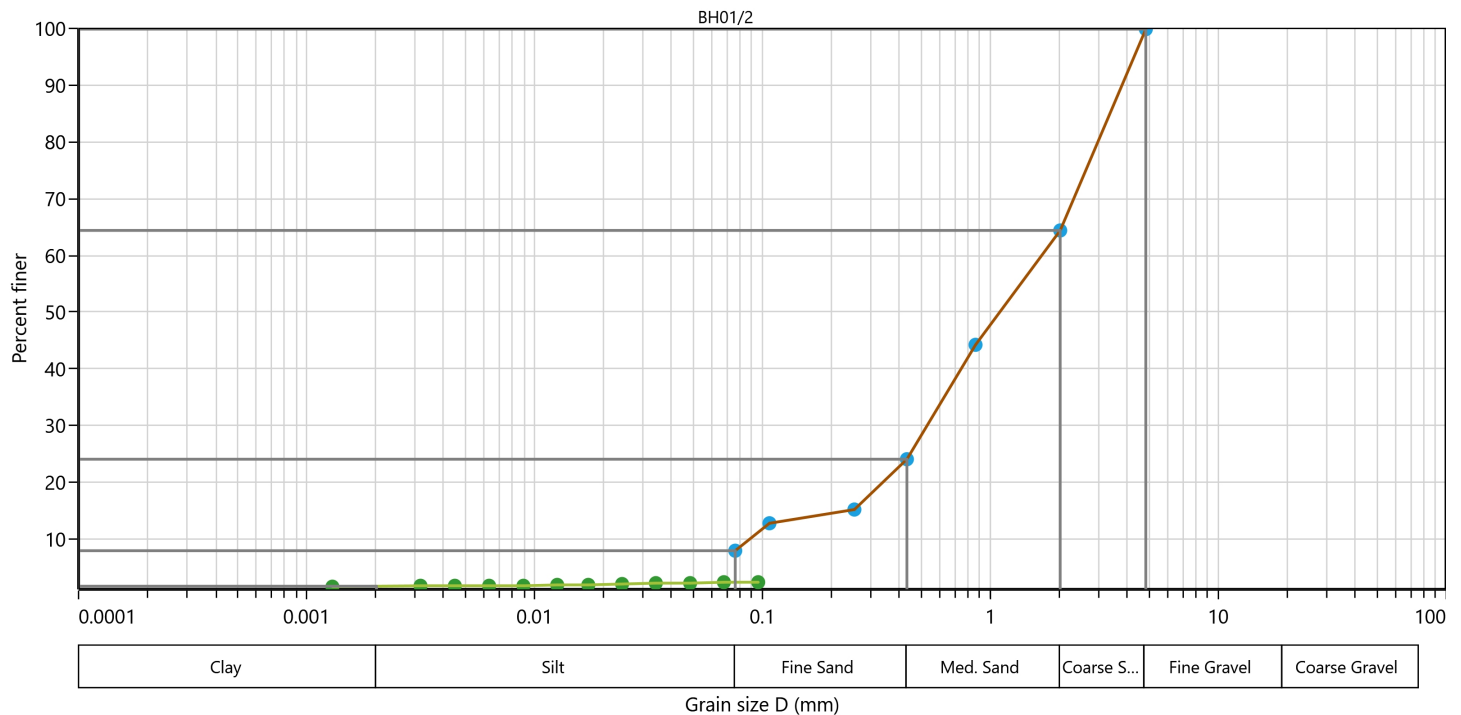
Project No: 45453334

Client: Sample Client

Location: Sample Location

BH: BH1	LL: 47.12	D10: 0.09	Cu: 31.43	Sample description: Sandy clay
Sample name: BH01/2	PL: 10.06	D30: 0.52	Cc: 1.15	
Sample depth(m): 2.00	PI: 37.06	D50: 2.12	Tested by: Dartistech	
USCS: SW-SC AASHTO: A-2-7		D60: 2.71	Date tested: 11/2/2022	

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
				35.48	40.32	16.13	91.94	6.26	1.80	8.06



Sieve No.	Opening, (mm)	Mass retained, (g)	Mass retained, (%)	Cumulative retained, (%)	Finer, (%)
4	4.75	0.00	0.00	0.00	100.00
10	2	44.00	35.48	35.48	64.52
20	0.85	25.00	20.16	55.65	44.35
40	0.425	25.00	20.16	75.81	24.19
60	0.25	11.00	8.87	84.68	15.32
140	0.106	3.00	2.42	87.10	12.90
200	0.075	6.00	4.84	91.94	8.06
Pan	0	10.00	8.06	0.00	0.00

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Project: Sample Project

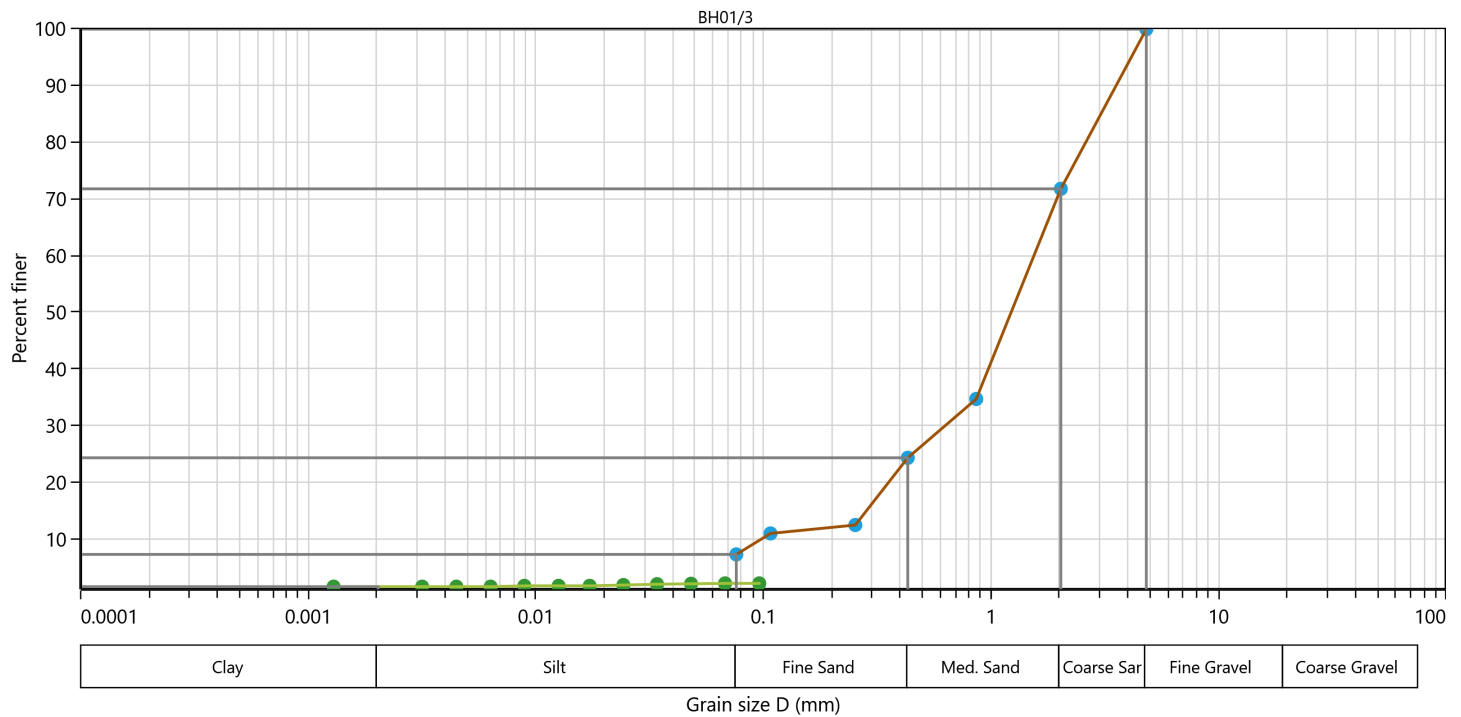
Project No: 45453334

Client: Sample Client

Location: Sample Location

BH: BH1	LL: 26.58	D10: 0.10	Cu: 15.92	Sample description: Sandy clay
Sample name: BH01/3	PL: 9.58	D30: 0.62	Cc: 2.61	
Sample depth(m): 3.00	PI: 17.00	D50: 1.21	Tested by: Dartistech	
USCS: SW-SC AASHTO: A-2-6		D60: 1.52	Date tested: 12/22/2022	

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
				28.15	47.41	17.04	92.59	5.68	1.73	7.41



Sieve No.	Opening, (mm)	Mass retained, (g)	Mass retained, (%)	Cumulative retained, (%)	Finer, (%)
4	4.75	0.00	0.00	0.00	100.00
10	2	38.00	28.15	28.15	71.85
20	0.85	50.00	37.04	65.19	34.81
40	0.425	14.00	10.37	75.56	24.44
60	0.25	16.00	11.85	87.41	12.59
140	0.106	2.00	1.48	88.89	11.11
200	0.075	5.00	3.70	92.59	7.41
Pan	0	10.00	7.41	0.00	0.00