

Dartistech

LIQUID AND PLASTIC LIMITS TEST RESULTS (ASTM D-4318)



Project: Sample Project

Project No: 45453334

Client: Sample Client

Location: Sample Location

BH: BH1

Tested by: Dartistech

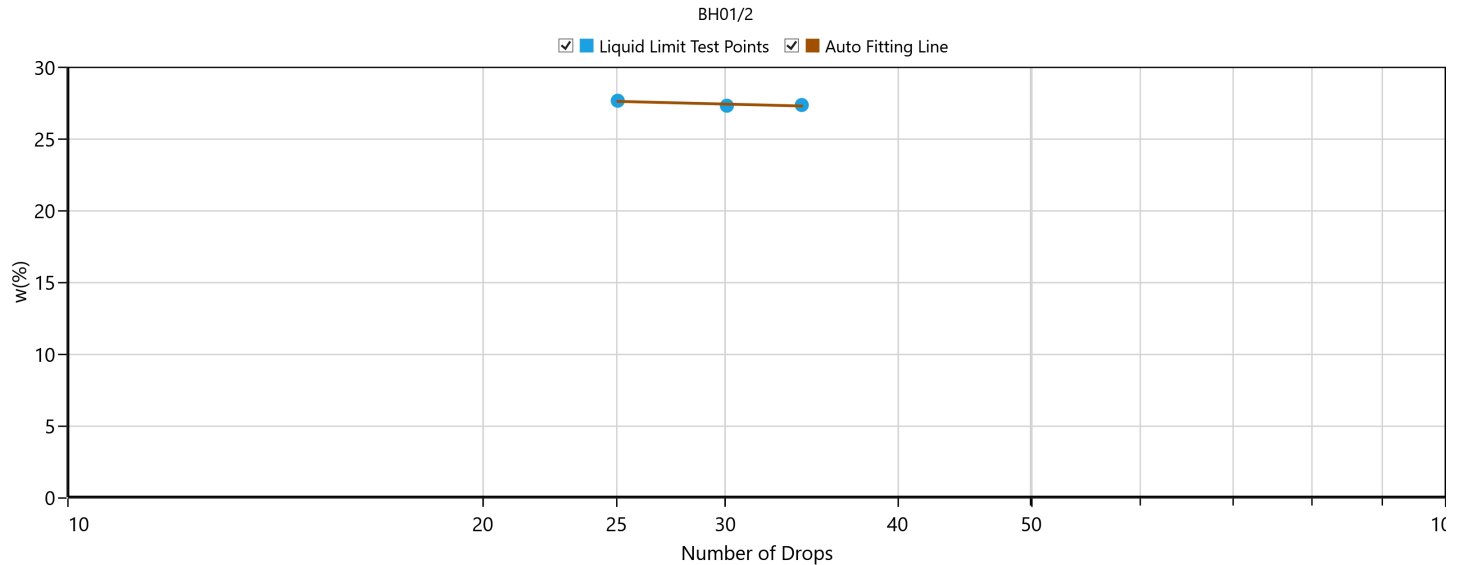
Sample description: Sandy clay

Sample name: BH01/2

Test date: 10/1/2022

Sample depth(m): 2.00

LL	PL	PI	Passing No.40 (%)	Passing No.200 (%)	USCS	AASHTO
27.68	10.06	17.62	100.00	52.63	CL	A-6



Liquid Limit test data

Mass of can + moist specimen (g)	Mass of can + dry specimen (g)	Mass of can (g)	Mass of water(g)	Mass of dry specimen (g)	Water content (%)	Number of blows
12.64	10.66	3.44	1.98	7.22	27.42	34
12.56	10.60	3.44	1.96	7.16	27.37	30
12.7	10.69	3.44	2.01	7.25	27.72	25

Plastic Limit test data

Mass of can + moist specimen (g)	Mass of can + dry specimen (g)	Mass of can (g)	Mass of water(g)	Mass of dry specimen (g)	Water content (%)
5.98	5.72	3.61	0.26	0.26	12.32
5.96	5.79	3.61	0.17	0.17	7.80

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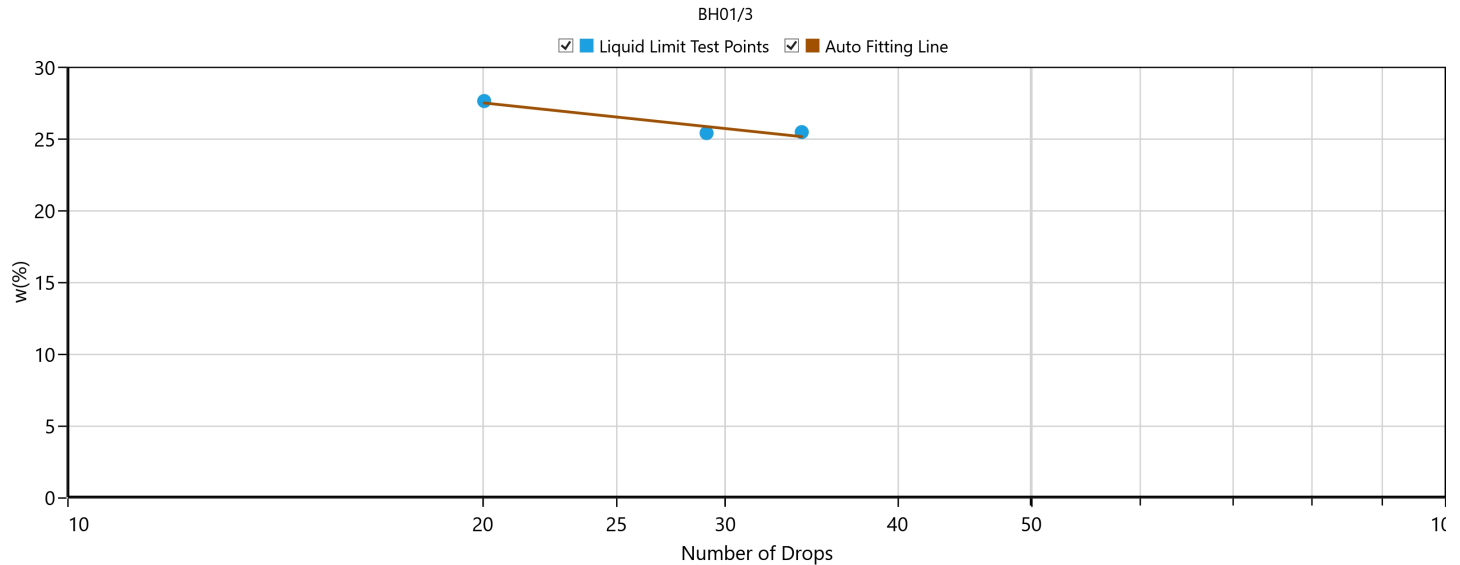
Sample description: Sandy clay

Sample name: BH01/3

Test date: 12/22/2022

Sample depth(m): 3.00

LL	PL	PI	Passing No.40 (%)	Passing No.200 (%)	USCS	AASHTO
26.58	9.58	17.00	100.00	58.82	CL	A-6



Liquid Limit test data

Mass of can + moist specimen (g)	Mass of can + dry specimen (g)	Mass of can (g)	Mass of water(g)	Mass of dry specimen (g)	Water content (%)	Number of blows
12.78	10.88	3.44	1.90	7.44	25.54	34
12.8	10.90	3.44	1.90	7.46	25.47	29
12.85	10.80	3.40	2.05	7.40	27.70	20

Plastic Limit test data

Mass of can + moist specimen (g)	Mass of can + dry specimen (g)	Mass of can (g)	Mass of water(g)	Mass of dry specimen (g)	Water content (%)
5.96	5.74	3.61	0.22	0.22	10.33
5.95	5.76	3.61	0.19	0.19	8.84