

SAND

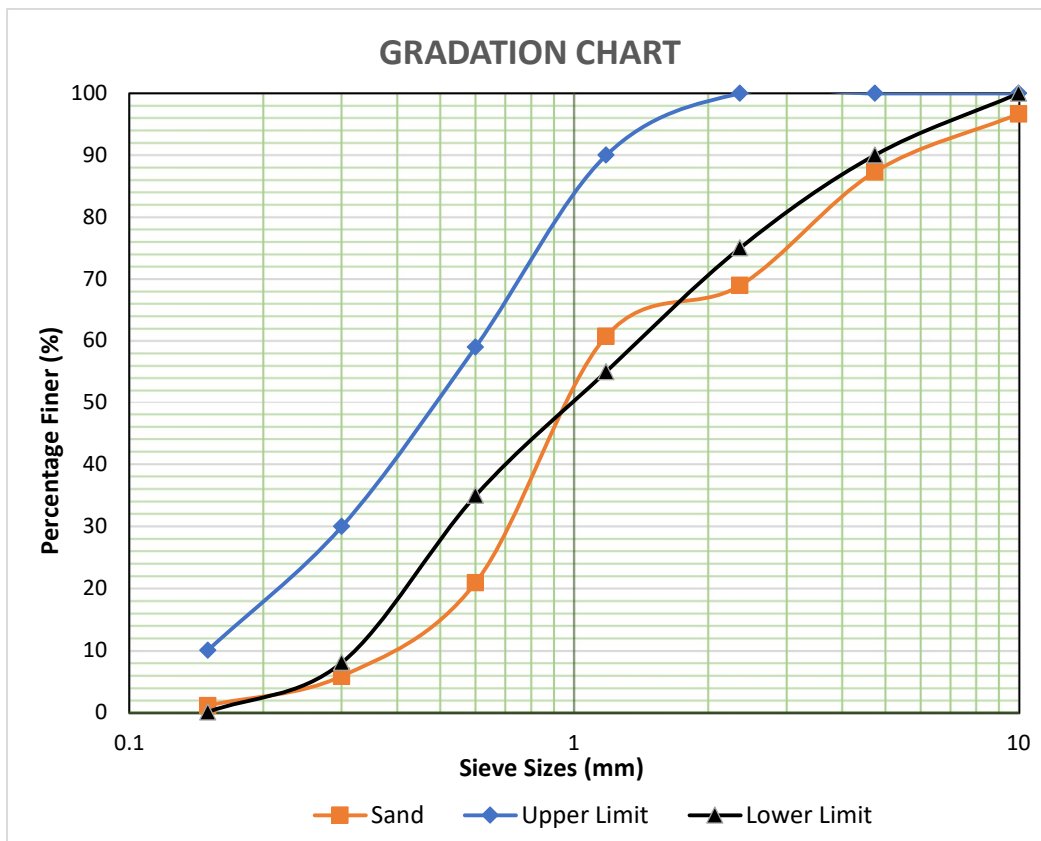
Trial No.1

SAND			Total wt 2000						
S. No	IS Sieve Size (mm)	Retained Wt	Cumulative, %			Specification Limits for Grading Zones.			
			Retained Wt	Retained %	Passing	Zone - I	Zone - II	Zone -III	Zone -IV
1	10	67	67	3.35	96.65	100	100	100	100
2	4.75	187	254	12.7	87.3	90-100	90-100	90-100	95-100
3	2.36	367	621	31.05	68.95	60-95	75-100	85-100	95-100
4	1.18	164	785	39.25	60.75	30-70	55-90	75-100	90-100
5	0.6	797	1582	79.1	20.9	15-34	35-59	60-79	80-100
6	0.3	302	1884	94.2	5.8	15-20	8 - 30	12 - 24	15-50
7	0.15	95	1979	98.95	1.05	0-10	0-10	0-10	0-15

Given Sample is belong to Zone-

D10	0.383
D30	0.732
D60	1.169

Coefficient of Curvature (Cc)	1.197
Coefficient of Curvature (Cu)	3.049



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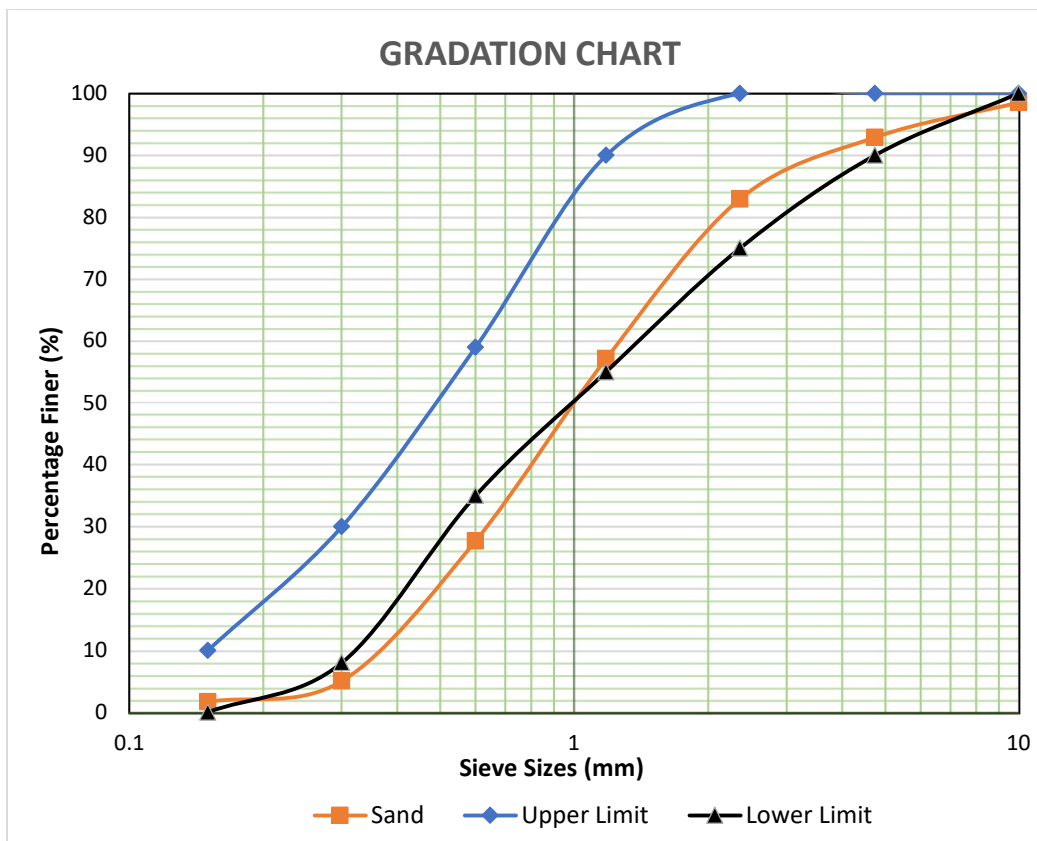
Trial No.2

SAND			Total wt 2000						
S. No	IS Sieve Size (mm)	Retained Wt	Cumulative, %			Specification Limits for Grading Zones.			
			Retained Wt	Retained %	Passing	Zone - I	Zone - II	Zone -III	Zone -IV
1	10	29	29	1.45	98.55	100	100	100	100
2	4.75	113	142	7.1	92.9	90-100	90-100	90-100	95-100
3	2.36	199	341	17.05	82.95	60-95	75-100	85-100	95-100
4	1.18	516	857	42.85	57.15	30-70	55-90	75-100	90-100
5	0.6	589	1446	72.3	27.7	15-34	35-59	60-79	80-100
6	0.3	453	1899	94.95	5.05	15-20	8 - 30	12 - 24	15-50
7	0.15	67	1966	98.3	1.7	0-10	0-10	0-10	0-15

Given Sample is belong to Zone-

D10	0.366
D30	0.645
D60	1.310

Coefficient of Curvature (Cc)	0.869
Coefficient of Curvature (Cu)	3.584



SAND

Trial No.3

SAND

Total wt

2000

S. No	IS Sieve Size (mm)	Retained Wt	Cumulative, %			Specification Limits for Grading Zones.			
			Retained Wt	Retained %	Passing	Zone - I	Zone - II	Zone -III	Zone -IV
1	10	57	57	2.85	97.15	100	100	100	100
2	4.75	110	167	8.35	91.65	90-100	90-100	90-100	95-100
3	2.36	218	385	19.25	80.75	60-95	75-100	85-100	95-100
4	1.18	476	861	43.05	56.95	30-70	55-90	75-100	90-100
5	0.6	570	1431	71.55	28.45	15-34	35-59	60-79	80-100
6	0.3	494	1925	96.25	3.75	15-20	8 - 30	12 - 24	15-50
7	0.15	69	1994	99.7	0.3	0-10	0-10	0-10	0-15

Given Sample is belong to Zone-

D10	0.376
D30	0.632
D60	1.331

Coefficient of Curvature (Cc)	0.797
Coefficient of Curvature (Cu)	3.541

