

**Table-26 Results of Geological Investigation and Soil Test (Sg. Klebang, Melaka), DB1**

Depth (m)	Geological condition	N-value (times)	Moisture content (%)	Atterberg limit				Components of soil (%)		
				L.L.	P.L.	I.P.	Gravel	Sand	Silt & clay	
1.5	medium dense, silty/gravelly medium to coarse sand	13	60			NP		14	53	33
3.0	very soft to soft, silt/clay	2	42			NP		1	15	84
4.5	very soft, silt/clay	0	45	42	24	18	0	6	6	94
6.0	-ditto-	1	41			NP	0	3	3	97
7.5	stiff, gravelly clay	10	27			NP		54	10	36
9.0	medium dense, silty/sandy gravel	19	19	80		36	44	72	11	17
10.5	-ditto-	13	26	81	41	40	44	44	24	32
12.0	-ditto-	21	23	76	48	28	63	8	8	29
13.5	very stiff, silt	19	39	82	58	24	11	22	22	67
15.0	-ditto-	18	49	85	61	24	6	10	10	84
16.5	-ditto-	16	47	77	58	19	5	12	12	83
18.0	stiff, silt	14	52			NP		3	5	92
19.5	-ditto-	19	47	84	56	28	5	5	5	90
21.0	-ditto-	18	42	81	49	32	6	11	11	83
22.5	stiff, gravelly silt	9	25	77	49	28	48	17	17	35
24.0	very stiff, silt	23	39	73	51	22	5	6	6	89
25.5	stiff, silt	12	40	78	54	24	2	2	2	96
27.0	stiff to very stiff, silt	15	42	74	49	25	5	0	0	95
28.5	very stiff, silt	16	37	77	50	27	21	5	5	74
30.0	-ditto-	25	36	78	47	31	13	5	5	82
31.5	hard, silt	36	36	77	50	27	4	5	5	91
33.0	very stiff, silt	28	40	75	55	20	16	6	6	78
34.5	-ditto-	21	47	83	38	45	2	8	8	90
36.0	-ditto-	29	36	74	39	35	2	9	9	89
37.5	hard, silt	50/19cm	24	74	39	35	11	20	20	69
39.0	-ditto-	50/27.5cm	27	55	35	20	12	20	20	68
40.5	-ditto-	50/15cm	27	49	32	17	12	28	28	60
42.0	very dense, silty/gravelly fine to coarse sand	50/17.5cm	27	53	37	16	30	37	33	33
43.5	hard, silt	50/2.5cm	19		NP		10	24	24	66

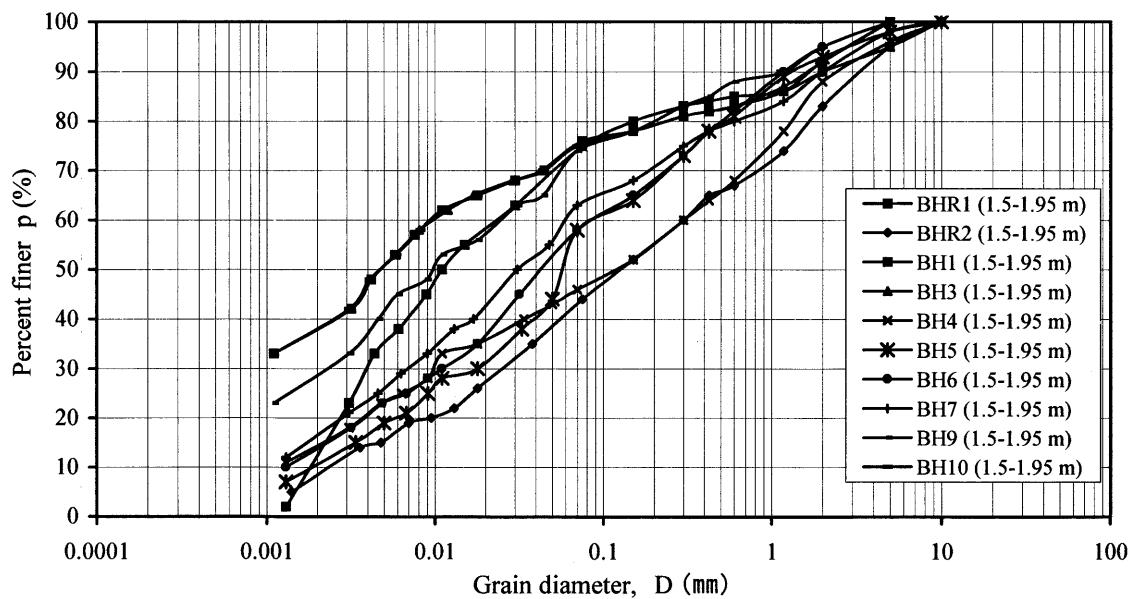
\* Drilling depth : 43.60 m, water table : G.L. 0.61 m, 0 - 1.0 m (silty sand)

**Table-27 Results of Geological Investigation and Soil Test (Sg. Klebang, Melaka), DB2**

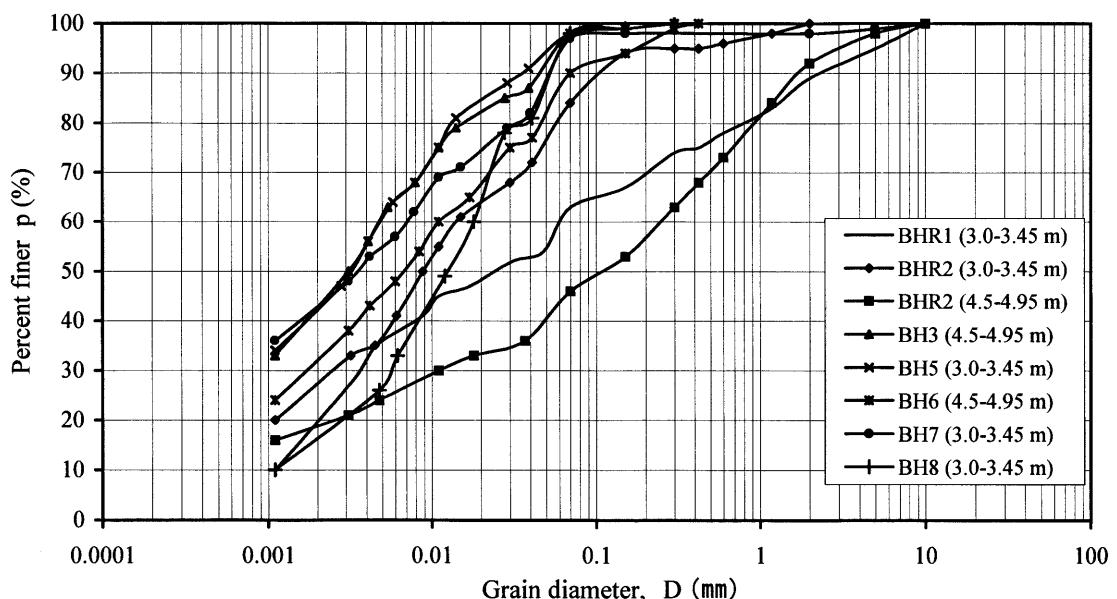
Depth (m)	Geological condition	N-value (times)	Moisture content (%)	Atterberg limit			Components of soil (%)		
				L.L.	P.L.	IP	Gravel	Sand	Silt & clay
1.5	very loose to loose silty fine to coarse sand	4	21			NP	2	94	4
3.0	very soft to soft, sandy silt	2	34	73	41	32	6	30	64
4.5	very soft, silt	0	69	92	43	49	0	6	94
6.0	-ditto-	1	69	93	52	41	0	5	95
7.5	-ditto-	0	83	106	51	55	0	7	93
9.0	very dense, silty gravel					NP			
10.5	loose to medium, dense, silty/sandy gravel	10	20			NP	73	9	18
12.0	stiff, gravelly silt	10	33	53	49	4	20	19	61
13.5	very stiff to stiff, silt	8	48	84	56	28	7	3	90
15.0	stiff, silt	9	52	93	59	34	0	2	98
16.5	-ditto-	13	48	93	58	35	0	1	99
18.0	-ditto-	11	47	86	52	34	0	2	98
19.5	medium stiff to stiff, silt	8	52	92	53	39	0	1	99
21.0	stiff, silt	11	50	93	56	37	0	1	99
22.5	medium stiff to stiff, silt	8	48	94	52	42	7	4	89
24.0	stiff, silt	13	42	84	53	31	0	3	97
25.5	-ditto-	7	54	85	52	33	0	1	99
27.0	-ditto-	9	51	93	52	41	0	1	99
28.5	-ditto-	12	47	83	51	32	0	3	97
30.0	very stiff, sandy silt	24	28	62	44	18	18	27	55
31.5	hard, sandy silt	40	39	71	45	26	4	10	86
33.0	very dense, silty/gravelly medium to coarse sand	50/12.5cm	15	52	33	19	31	38	31
34.5	medium dense to dense, silty gravel	30	12	83	38	45	62	24	14
36.0	hard, clayey silt	50/22.5cm	35	60	44	16	4	13	83
37.5	hard, silt	36	40	74	48	26	0	5	95
39.0	very stiff, silt	16	39	62	40	22	0	5	95
40.5	stiff, silt	12	37	57	37	20	1	6	93
42.0	-ditto-	12	43	70	39	31	1	4	95
43.5	stiff to very stiff, silt	15	42	72	41	31	0	4	96
45.0	-ditto-	15	40			NP	0	4	96

\* Drilling depth : 45.50 m, water table : G.L 0.61 m, 0 - 1.5 m (premix)

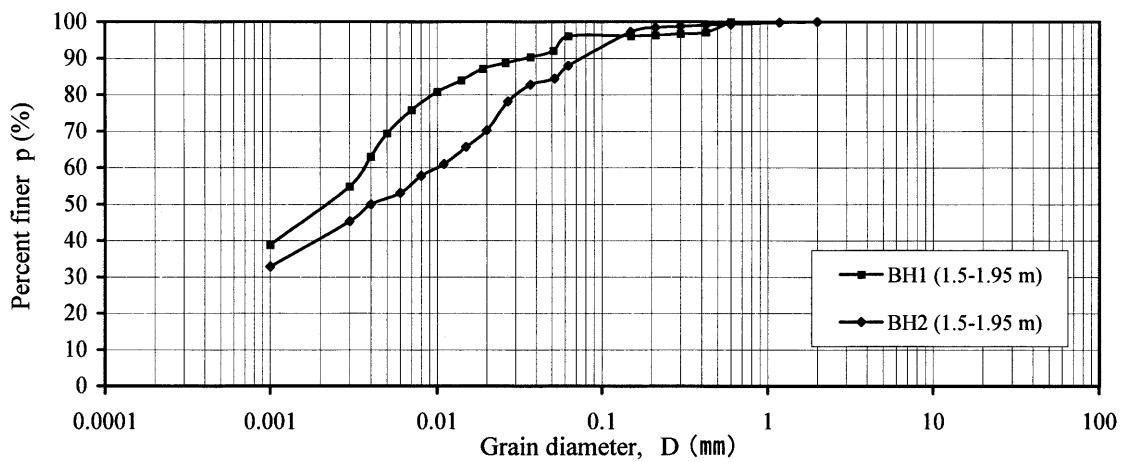
**Figure-1 Grain Size Accumulation Curve (Jalan Bachang - Batu Berendam, Melaka ( $D = 0 - 2.0$  m))**



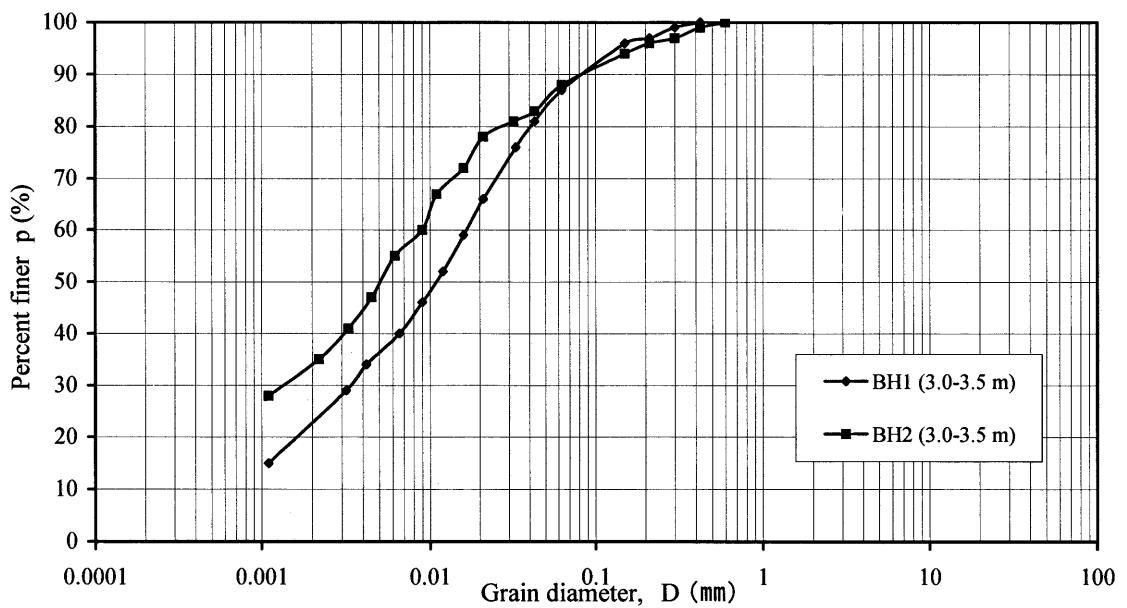
**Figure-2 Grain Size Accumulation Curve (Jalan Bachang - Batu Berendam, Melaka, D = 2.0 - 5.0 m)**



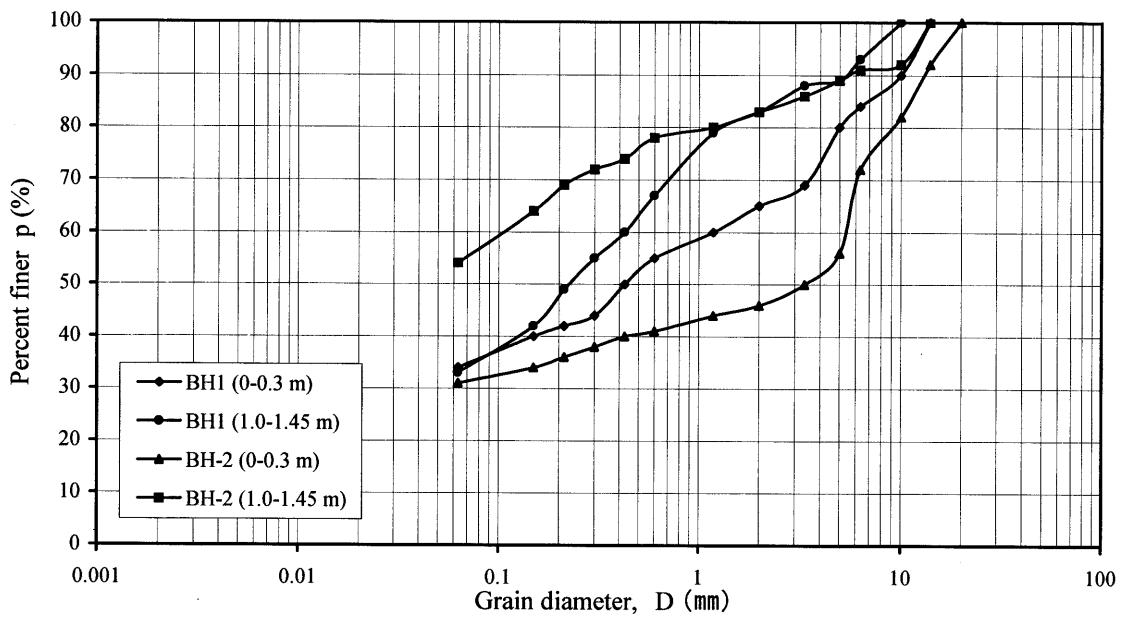
**Figure-3 Grain Size Accumulation Curve (Tanjung Minyak, Melaka, D = 0 - 2.0 m)**



**Figure-4 Grain Size Accumulation Curve (Tanjung Minyak, Melaka, D = 2.0 - 5.0 m)**



**Figure-5 Grain Size Accumulation Curve (Krubong, Tengah Melaka, Melaka, D = 0 - 2.0 m)**



**Figure-6 Grain Size Accumulation Curve (Krubong, Melaka Tebgah, Melaka, D = 2.0 - 5.0 m)**

