SPECIFIC GRAFITY TEST

Sample : Pasir

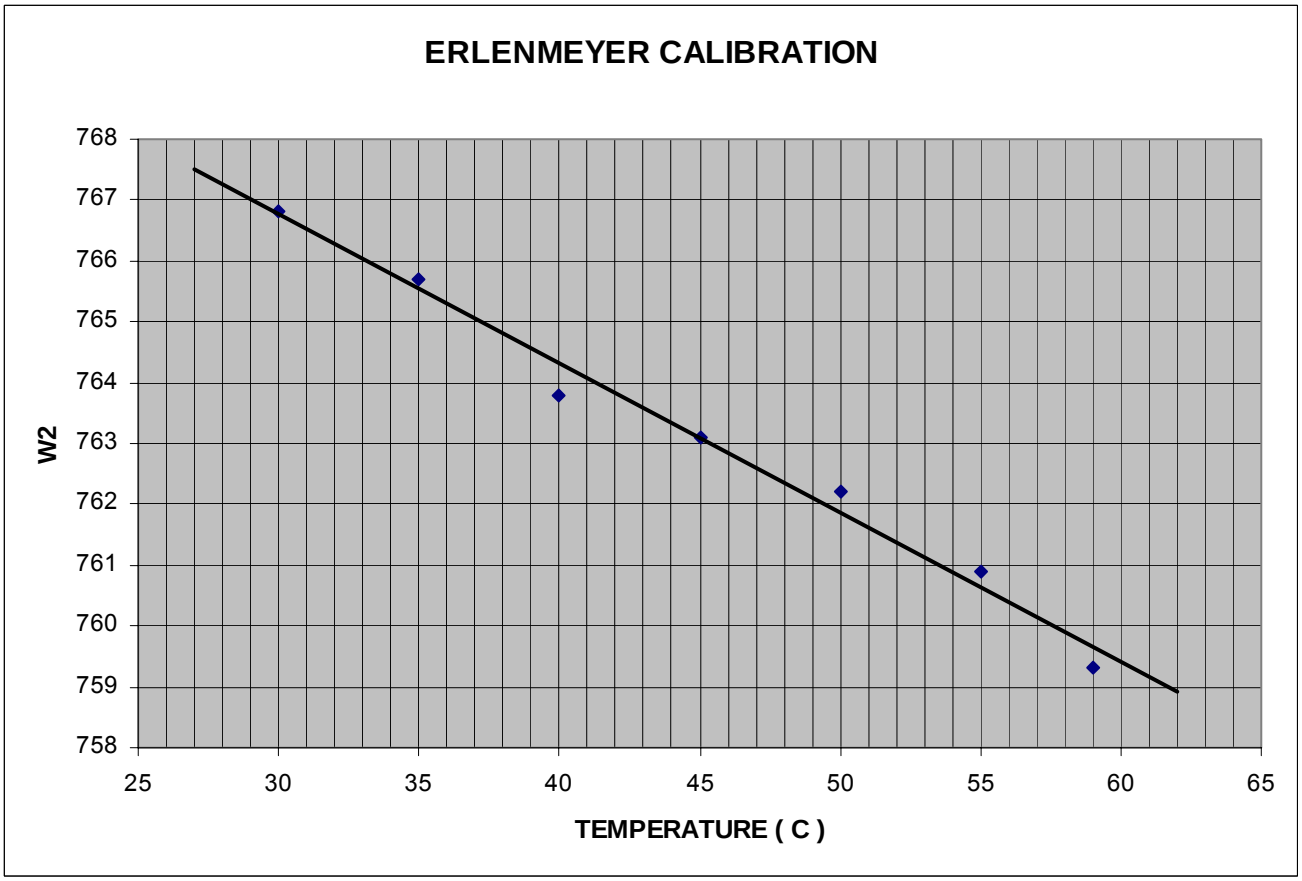
Test No. :1
Tested by :Ferri

Determination No.	1	2	3	4	5	6	7
Wt. Bottle + water + soil ; W1 gr)	818.7	819.7	822.7	823.5	824.5	825.6	826.6
Temperature ; T (C)	59	55	50	45	40	35	30
Wt. Bottle + water + ; W2 (gr)	759.3	760.9	762.2	763.1	763.8	765.7	766.8
Spec. grav. of water at T ; GT	0.9838	0.9857	0.9881	0.9902	0.9922	0.9941	0.9957
Spec. grav. of soil at ; Gs	2.77	2.72	2.87	2.87	2.70	2.84	2.83
Wt. Dish + dry soil	871						
Wt. of dish	778.8						
Wt. of dry soil ; Ws (gr)	92.2						

$$Gs = \frac{Gt * \frac{Ws}{W2 - W1 + Ws}}{}$$

AVERAGE Gs = 2.80

Determination No.	1	2	3	4	5	6	7
Wt. Bottle + water ; W2	759.3	760.9	762.2	763.1	763.8	765.7	766.8
Temperature ; T (C)	59	55	50	45	40	35	30

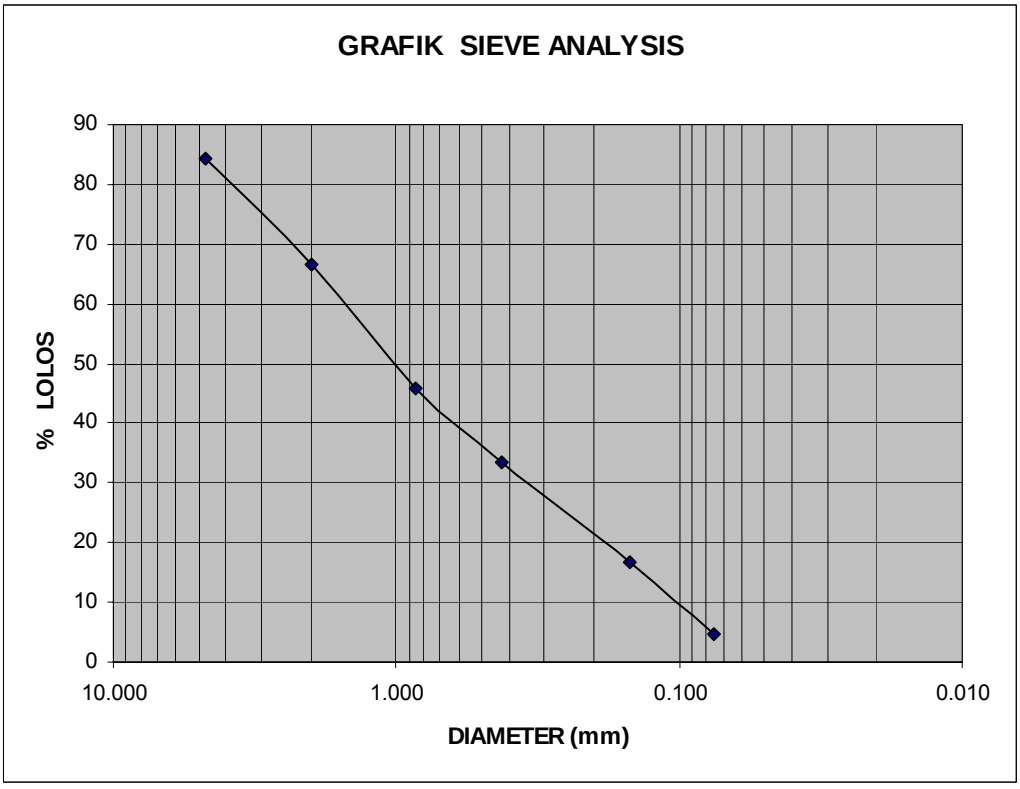


SIEVE ANALYSIS

Sample : Pasir

Test No. :2
Tested by :Ferri
Wt. Of cont. + Dry soil : 1148.8 gr
Wt. Container : 548.8 gr
Wt. Of Dry Soil Used : 600 gr

Sieve No.	Sieve Openeing (mm)	Wt. Sieve (gr)	Wt.sieve + soil (gr)	Wt. Soil retained (gr)	Percent retained (%)	Cumul Percent	Percent finer (%)
4	4.750	513.30	608.20	94.90	15.82	15.82	84.18
10	2.000	438.50	543.70	105.20	17.54	33.36	66.64
20	0.850	388.60	514.10	125.50	20.92	54.28	45.72
40	0.423	285.30	358.40	73.10	12.19	66.47	33.53
100	0.150	280.70	381.90	101.20	16.87	83.34	16.66
200	0.075	267.90	340.00	72.10	12.02	95.37	4.63
Pan		358.00	385.80	27.80	4.63	100.00	0.00
				599.80			

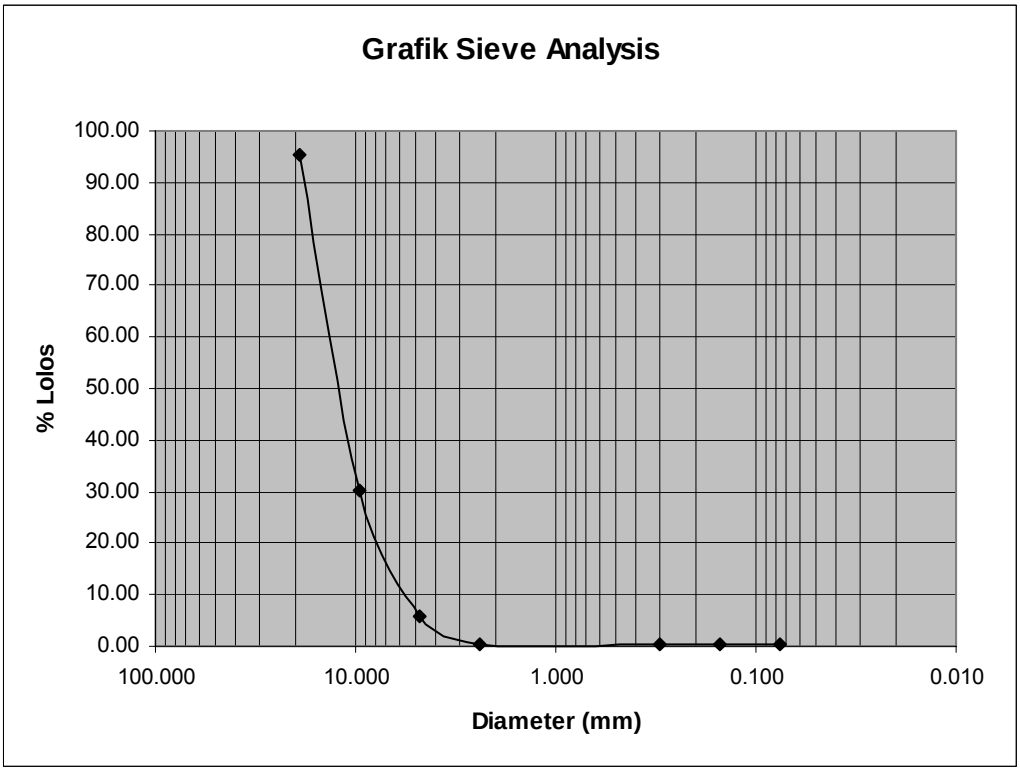


SIEVE ANALYSIS

Sample : Kerikil

Test No. :3
Tested by :Ferri
Wt. Of cont. + Dry soil : 1148.8 gr
Wt. Container : 548.8 gr
Wt. Of Dry Soil Used : 600 gr

Sieve No.	Sieve Openeing (mm)	Wt. Sieve (gr)	Wt.sieve + soil (gr)	Wt. Soil retained (gr)	Percent retained (%)	Cumul Percent	Percent finer (%)
3/4	19.000	559.10	586.60	27.50	4.58	4.58	95.42
3/8	9.500	477.10	869.10	392.00	65.34	69.93	30.07
4	4.750	389.10	535.00	145.90	24.32	94.25	5.75
8	2.380	380.70	412.40	31.70	5.28	99.53	0.47
50	0.303	335.80	335.80	-	0.00	99.53	0.47
100	0.150	337.10	337.10	-	0.00	99.53	0.47
200	0.075	352.60	352.60	-	0.00	99.53	0.47
Pan		367.9	370.7	2.8	0.47	100	0
				599.90			

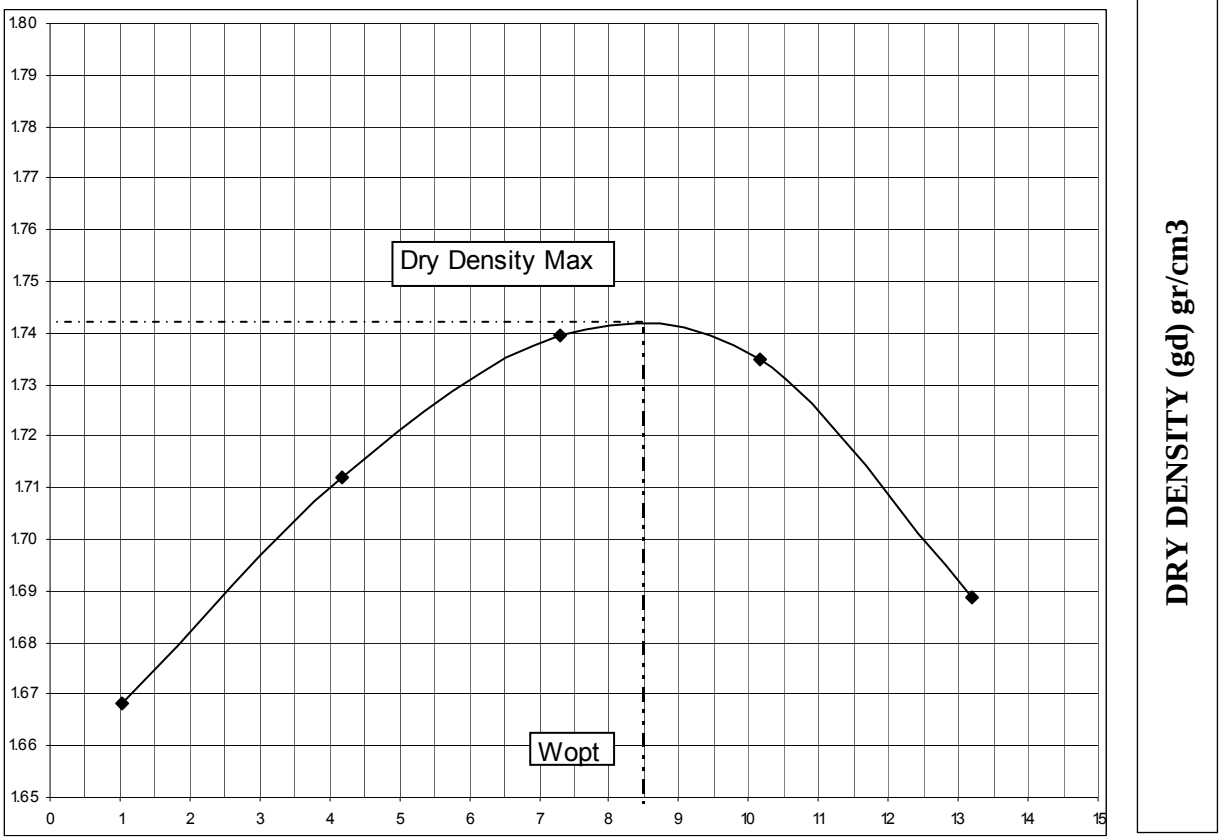


C O M P A C T I O N

SAMPLE No	1 (pasir)	TESTED BY	Ferri
TYPE OF TEST	Modified AASHTO		

SAMPLE NO		**1**	**2**	**3**	**4**	**5**
DENSITY DETERMINATION						
Weight Of Sample + Mold	(gr)	8,828.00	9,036.00	9,252.00	9,306.00	9,308.00
Weight Of Mold	(gr)	5,254.80	5,254.80	5,254.80	5,254.80	5,254.80
Volume Of Mold	(cm3)	2,120.11	2,120.11	2,120.11	2,120.11	2,120.11
Weight Of Wet Soil	(gr)	3,573.20	3,781.20	3,997.20	4,051.20	4,053.20
Wet Density	(gr/cm3)	1.685	1.784	1.885	1.911	1.912
Dry Density	(gr/cm3)	1.668	1.712	1.739	1.735	1.689
WATER CONTENT						
Weight Of Wet Soil + Tare	(gr)	342.60	292.70	314.60	324.60	348.60
Weight Of Dry Soil + Tare	(gr)	339.70	283.40	297.50	300.60	315.20
Weight Of Tare	(gr)	61.50	60.70	61.80	64.20	62.30
Weight Of Water	(gr)	2.90	9.30	17.10	24.00	33.40
Weight Of Dry Soil	(gr)	278.40	222.70	233.90	236.40	252.90
Water Content	(%)	1.04	4.18	7.31	10.15	13.21
Zero Air Void	(%)	2.721	2.507	2.324	2.180	2.044

COMPACTION CURVE



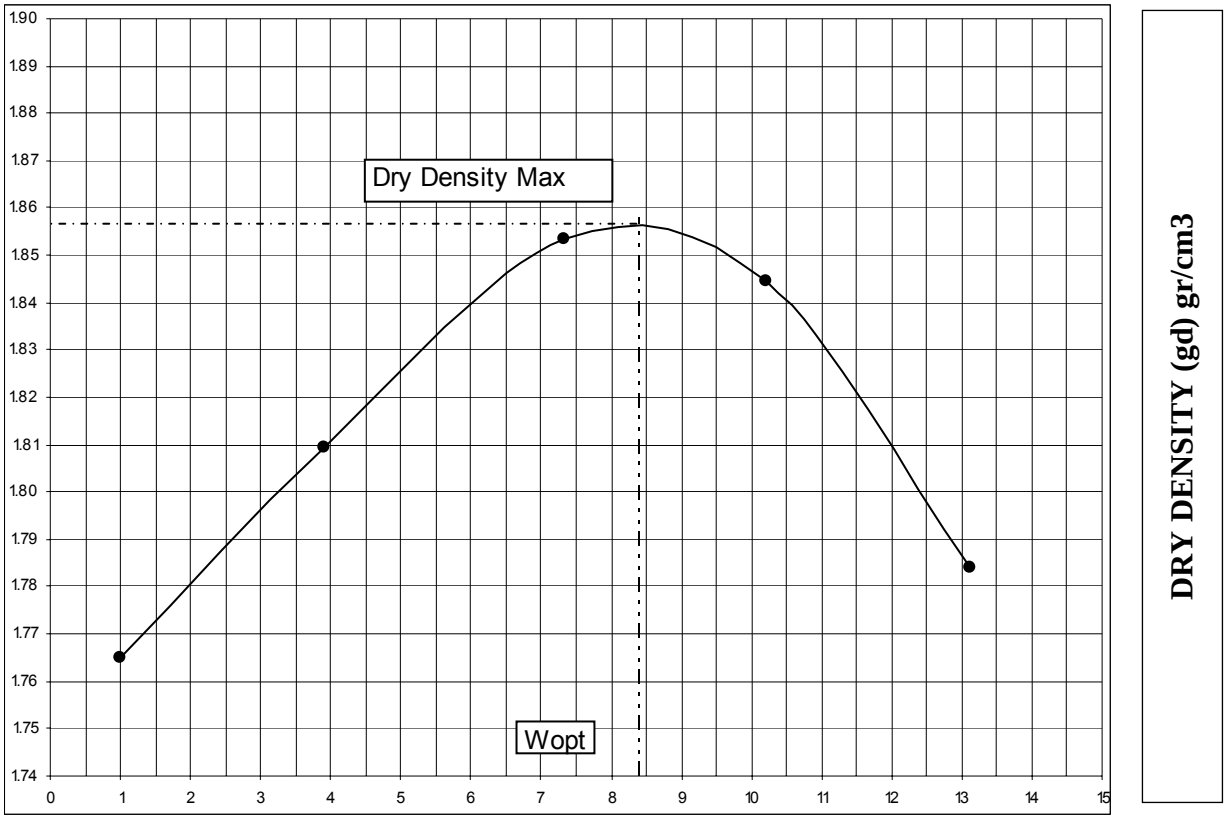
Specific Gravity	2.8000	Maximum Dry Density (gr/cm3)	1.741
Optimum Water Content (%)	8.50		

C O M P A C T I O N

SAMPLE No	2 (20 % kerikil + 80 % pasir)	TESTED BY	Ferri
TYPE OF TEST	Modified AASHTO		

SAMPLE NO		**1**	**2**	**3**	**4**	**5**
DENSITY DETERMINATION						
Weight Of Sample + Mold	(gr)	9,034.00	9,241.00	9,473.00	9,564.00	9,533.00
Weight Of Mold	(gr)	5,254.80	5,254.80	5,254.80	5,254.80	5,254.80
Volume Of Mold	(cm3)	2,120.11	2,120.11	2,120.11	2,120.11	2,120.11
Weight Of Wet Soil	(gr)	3,779.20	3,986.20	4,309.20	4,309.20	4,278.20
Wet Density	(gr/cm3)	1.783	1.880	1.990	2.033	2.018
Dry Density	(gr/cm3)	1.765	1.810	1.854	1.845	1.784
WATER CONTENT						
Weight Of Wet Soil + Tare	(gr)	278.30	286.50	265.10	330.90	313.40
Weight Of Dry Soil + Tare	(gr)	276.20	278.00	251.80	305.90	284.50
Weight Of Tare	(gr)	64.70	61.80	70.60	60.70	64.20
Weight Of Water	(gr)	2.10	8.50	13.30	25.00	28.90
Weight Of Dry Soil	(gr)	211.50	216.20	181.20	245.20	220.30
Water Content	(%)	0.99	3.90	7.34	10.20	13.12
Zero Air Void	(%)	2.724	2.524	2.323	2.178	2.048

COMPACTION CURVE



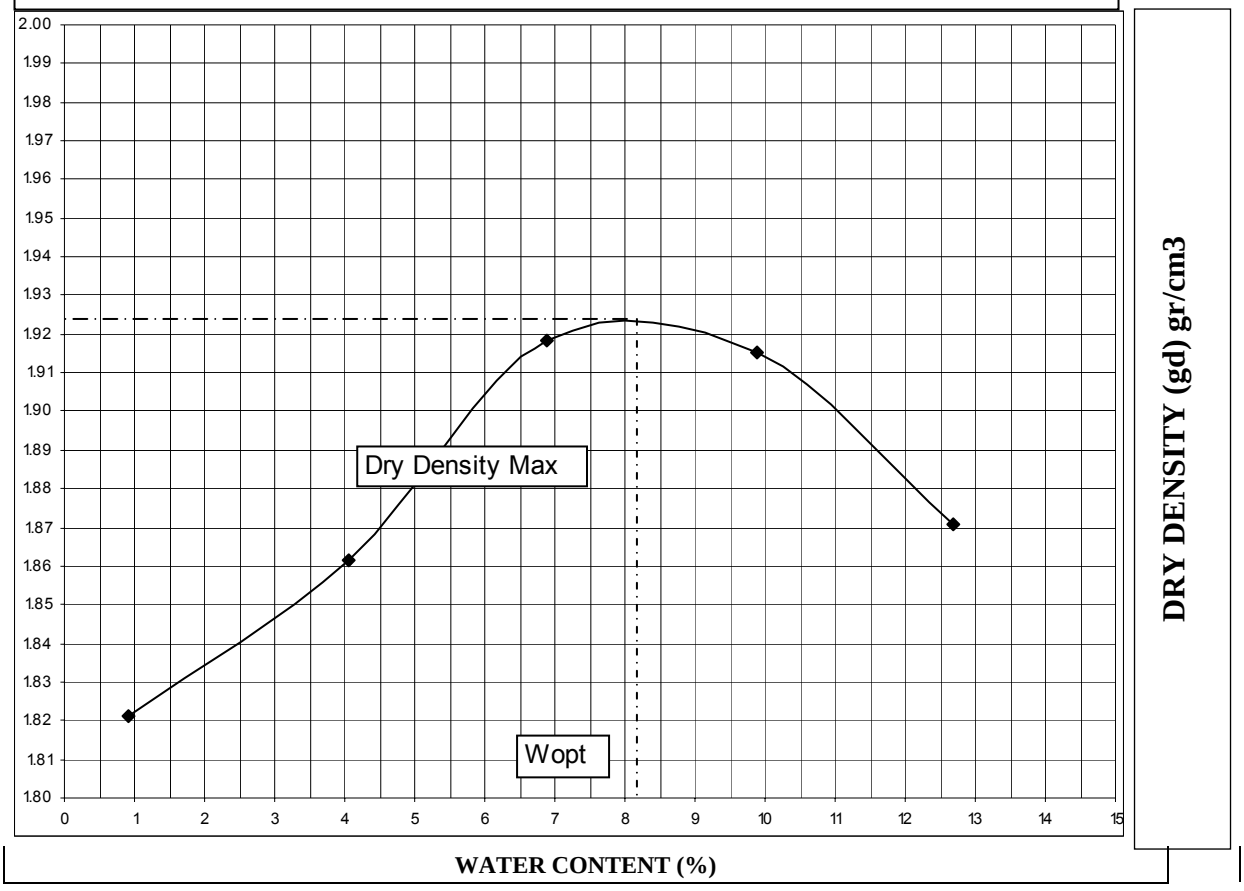
Specific Gravity	2.8000	Maximum Dry Density (gr/cm3)	1.858
Optimum Water Content (%)	8.40		

C O M P A C T I O N

SAMPLE No	3 (25 % kerikil + 75 % pasir)	TESTED BY	Ferri
TYPE OF TEST	Modified AASHTO		

SAMPLE NO		**1**	**2**	**3**	**4**	**5**
DENSITY DETERMINATION						
Weight Of Sample + Mold	(gr)	9,151.00	9,361.00	9,602.00	9,716.00	9,724.00
Weight Of Mold	(gr)	5,254.80	5,254.80	5,254.80	5,254.80	5,254.80
Volume Of Mold	(cm3)	2,120.11	2,120.11	2,120.11	2,120.11	2,120.11
Weight Of Wet Soil	(gr)	3,896.20	4,106.20	4,347.20	4,461.20	4,469.20
Wet Density	(gr/cm3)	1.838	1.937	2.051	2.104	2.108
Dry Density	(gr/cm3)	1.821	1.861	1.919	1.915	1.871
WATER CONTENT						
Weight Of Wet Soil + Tare	(gr)	273.40	323.70	237.80	316.30	333.70
Weight Of Dry Soil + Tare	(gr)	271.50	313.50	226.40	294.20	303.50
Weight Of Tare	(gr)	64.20	61.80	60.70	70.60	65.20
Weight Of Water	(gr)	1.90	10.20	11.40	22.10	30.20
Weight Of Dry Soil	(gr)	207.30	251.70	165.70	223.60	238.30
Water Content	(%)	0.92	4.05	6.88	9.88	12.67
Zero Air Void	(%)	2.730	2.515	2.348	2.193	2.067

COMPACTION CURVE



Specific Gravity	2.8000	Maximum Dry Density (gr/cm3)	1.924
Optimum Water Content (%)	8.20		

C O M P A C T I O N

SAMPLE No	4 (30 % kerikil + 70 % pasir)	TESTED BY	Ferri
TYPE OF TEST	Modified AASHTO		

SAMPLE NO	**1**	**2**	**3**	**4**	**5**

DENSITY DETERMINATION

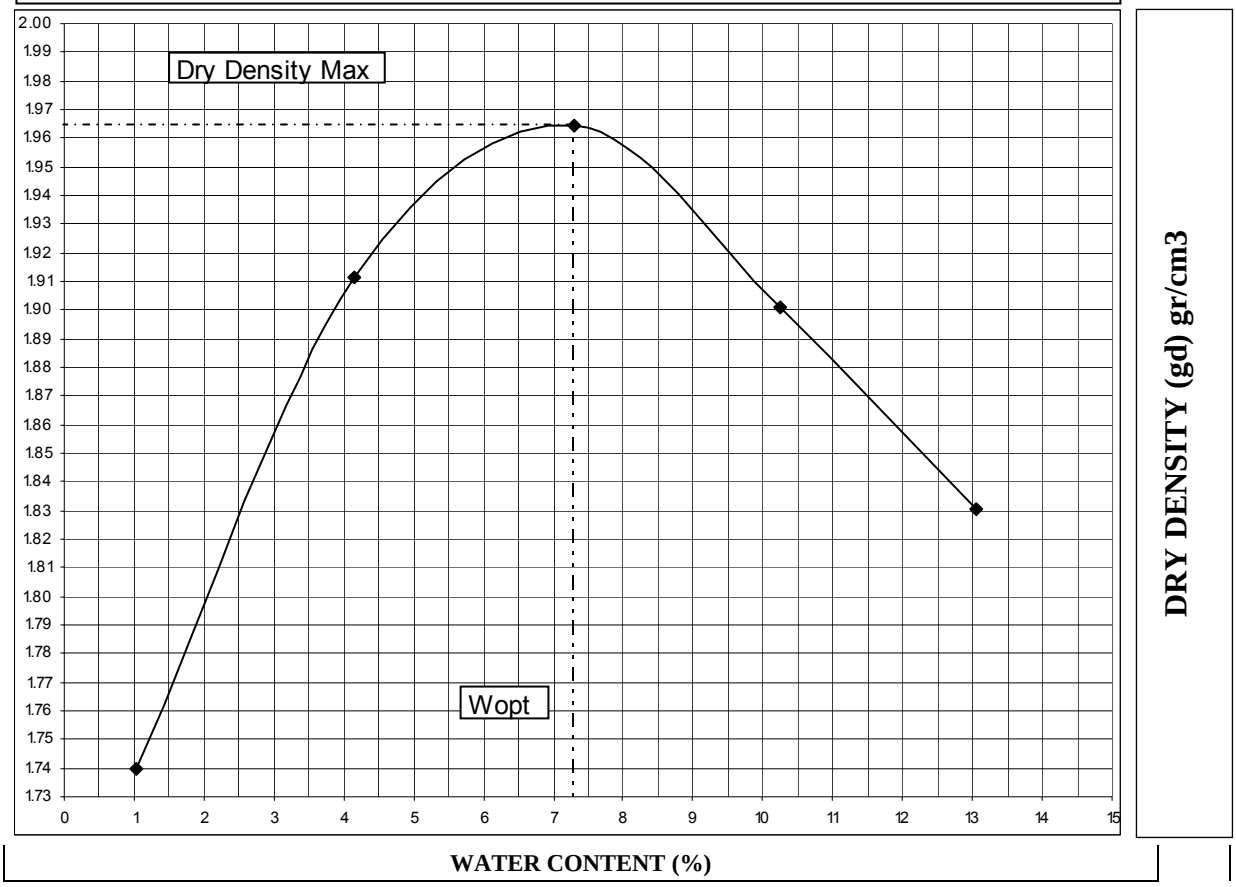
Weight Of Sample + Mold	(gr)	8,982.00	9,475.00	9,723.00	9,698.00	9,643.00
Weight Of Mold	(gr)	5,254.80	5,254.80	5,254.80	5,254.80	5,254.80
Volume Of Mold	(cm3)	2,120.11	2,120.11	2,120.11	2,120.11	2,120.11
Weight Of Wet Soil	(gr)	3,727.20	4,220.20	4,468.20	4,443.20	4,388.20
Wet Density	(gr/cm3)	1.758	1.991	2.108	2.096	2.070
Dry Density	(gr/cm3)	1.740	1.911	1.964	1.901	1.831

WATER CONTENT

Weight Of Wet Soil + Tare	(gr)	324.80	285.70	376.40	337.70	283.40
Weight Of Dry Soil + Tare	(gr)	322.20	276.80	352.30	312.10	258.00
Weight Of Tare	(gr)	70.60	61.80	63.30	62.30	63.60
Weight Of Water	(gr)	2.60	8.90	21.10	25.60	25.40
Weight Of Dry Soil	(gr)	251.60	215.00	289.00	249.80	194.40
Water Content	(%)	1.03	4.14	7.30	10.25	13.07

Zero Air Void	(%)	2.722	2.509	2.325	2.176	2.050

COMPACTION CURVE



Specific Gravity	2.8000	Maximum Dry Density (gr/cm3)	1.965
Optimum Water Content (%)	7.30		

COMPACTION TEST

SOIL SAMPLE	: Pasir	DATE	:
GS	: 2.8	TEST No	: 1
		TESTED BY	: Ferri
		TYPE OF TEST	: Modified AASHTO
		MOLD VOL	: 2120.11 cc
		WT	: 15.98 kg

DENSITY DETERMINATION			No. of Blow		
			10	25	56
Assumed Water Content		[%]	8.5	8.5	8.5
Wt. Mold + Compaction Soil		[kg]	19.71	19.83	20.08
Wt. of Compaction Soil		[kg]	3.73	3.85	4.1
Wet Density	; γwet	[t/m³]	1.76	1.82	1.93
Dry Density	; γdry	[t/m³]	1.62	1.67	1.77
Void Ratio	; e		0.73	0.68	0.58
Porosity	; n	[%]	42.2	40.48	36.71
z.a.v.c	; γdry zav	[t/m³]	2.24	2.23	2.24

WATER CONTENT DETERMINATION

Container No.		10	25	56
Wt. Container + Wet Soil	[gram]	337.6	371.9	385.8
Wt. Container + Dry Soil	[gram]	315.2	346.3	359.3
Wt. of Water	[gram]	22.4	25.6	26.5
Wt. of Container	[gram]	64	65.1	60.7
Wt. of Dry Soil	[gram]	251.2	281.2	298.6
Water Content	[%]	8.91	9.1	8.87

COMPACTION TEST

SOIL SAMPLE	: Pasir 80% + Kerikil 20%	DATE	:
GS	: 2.8	TEST No	: 2
		TESTED BY	: Ferri
		TYPE OF TEST	: Modified AASHTO
		MOLD VOL	: 2120.11 cc
		WT	: 15.98 kg

DENSITY DETERMINATION			No. of Blow		
			10	25	56
Assumed Water Content		[%]	8.4	8.4	8.4
Wt. Mold + Compaction Soil		[kg]	20.08	20.22	20.44
Wt. of Compaction Soil		[kg]	4.1	4.24	4.46
Wet Density	; γwet	[t/m³]	1.93	1.99	2.1
Dry Density	; γdry	[t/m³]	1.78	1.82	1.92
Void Ratio	; e		0.57	0.54	0.46
Porosity	; n	[%]	36.31	35.06	31.51
z.a.v.c	; γdry zav	[t/m³]	2.28	2.23	2.23

WATER CONTENT DETERMINATION

Container No.		10	25	56
Wt. Container + Wet Soil	[gram]	342.3	383.2	375.4
Wt. Container + Dry Soil	[gram]	321.2	356.4	349.2
Wt. of Water	[gram]	21.1	26.8	26.2
Wt. of Container	[gram]	65	62.3	63.7
Wt. of Dry Soil	[gram]	256.2	294.1	285.5
Water Content	[%]	8.24	9.11	9.18

COMPACTION TEST

SOIL SAMPLE	: Pasir 75% + Kerikil 25%	DATE	:
GS	: 2.8	TEST No	: 3
		TESTED BY	: Ferri
		TYPE OF TEST	: Modified AASHTO
		MOLD VOL	: 2120.11 cc
		WT	: 15.98 kg

DENSITY DETERMINATION			No. of Blow		
			10	25	56
Assumed Water Content		[%]	8.6	8.6	8.6
Wt. Mold + Compaction Soil		[kg]	20.17	20.36	20.62
Wt. of Compaction Soil		[kg]	4.19	4.38	4.64
Wet Density	; γwet	[t/m³]	1.98	2.07	2.19
Dry Density	; γdry	[t/m³]	1.82	1.9	2
Void Ratio	; e		0.54	0.47	0.4
Porosity	; n	[%]	35.06	31.97	28.57
z.a.v.c	; γdry zav	[t/m³]	2.25	2.23	2.22

WATER CONTENT DETERMINATION

Container No.		10	25	56
Wt. Container + Wet Soil	[gram]	328.7	333.8	308.1
Wt. Container + Dry Soil	[gram]	307.3	311.3	287.4
Wt. of Water	[gram]	21.4	22.5	20.7
Wt. of Container	[gram]	64.2	63.4	63.6
Wt. of Dry Soil	[gram]	243.1	247.9	223.8
Water Content	[%]	8.8	9.08	9.25

COMPACTION TEST

SOIL SAMPLE	: Pasir 70% + Kerikil 30%	DATE	:
GS	: 2.8	TEST No	: 4
		TESTED BY	: Ferri
		TYPE OF TEST	: Modified AASHTO
		MOLD VOL	: 2120.11 cc
		WT	: 15.98 kg

DENSITY DETERMINATION			No. of Blow		
			10	25	56
Assumed Water Content		[%]	7.3	7.3	7.3
Wt. Mold + Compaction Soil		[kg]	20.29	20.54	20.81
Wt. of Compaction Soil		[kg]	4.31	4.56	4.83
Wet Density	; γwet	[t/m³]	2.03	2.15	2.28
Dry Density	; γdry	[t/m³]	1.87	1.97	2.08
Void Ratio	; e		0.5	0.42	0.35
Porosity	; n	[%]	33.33	29.58	25.96
z.a.v.c	; γdry zav	[t/m³]	2.28	2.22	2.21

WATER CONTENT DETERMINATION

Container No.		10	25	56
Wt. Container + Wet Soil	[gram]	382.4	325.6	384.5
Wt. Container + Dry Soil	[gram]	357.8	303.4	356.4
Wt. of Water	[gram]	24.6	22.2	28.1
Wt. of Container	[gram]	64.2	65.6	63.7
Wt. of Dry Soil	[gram]	293.6	237.9	292.7
Water Content	[%]	8.38	9.33	9.6

CBR TEST

Soil Sample : Pasir
Surcharge : 5 kg
Proving ring No : 17795
RING CONSTANT : 1.874 lbs/div

Time (menit)	Vert. Dial (Inch)	No. of Blow 10		No. of Blow 25		No. of Blow 56	
		PR. Dial (div)	Load (lbs)	PR. Dial (div)	Load (lbs)	PR. Dial (div)	Load (lbs)
0	0	0	0	0	0	0	0
0.25	0.0125	0.15	0.2811	0.4	0.7496	1.5	2.811
0.5	0.025	0.3	0.5622	0.6	1.1244	4.3	8.0582
1	0.05	0.9	1.6866	1.2	2.2488	9	16.866
1.5	0.075	2.5	4.685	7.5	14.055	19.5	36.543
2	0.1	10.2	19.1148	13.2	24.7368	27.1	50.7854
3	0.15	15	28.11	24.4	45.7256	39.3	73.6482
4	0.2	27.5	51.535	37.2	69.7128	54.6	102.32
6	0.3	45	84.33	65	121.81	102.9	192.835
8	0.4	60.5	113.377	75.1	140.737	125.4	235
10	0.5	85.5	160.227	106.5	199.581	190.8	357.559

CBR TEST

Soil Sample : Pasir 80% + Kerikil 20%
Surcharge : 5 kg
Proving ring No : 17795
RING CONSTANT : 1.874 lbs/div

Time (menit)	Vert. Dial (Inch)	No. of Blow 10		No. of Blow 25		No. of Blow 56	
		PR. Dial (div)	Load (lbs)	PR. Dial (div)	Load (lbs)	PR. Dial (div)	Load (lbs)
0	0	0	0	0	0	0	0
0.25	0.0125	3.6	6.7464	8.5	15.929	10.5	19.677
0.5	0.025	7.9	14.8046	17.5	32.795	24.9	46.6626
1	0.05	15.5	29.047	29.1	54.5334	35.5	66.527
1.5	0.075	25.3	47.4122	38.5	72.149	47.5	89.015
2	0.1	37.1	69.5254	48.7	91.2638	51.2	95.9488
3	0.15	49.9	93.5126	56.5	105.881	60.5	113.377
4	0.2	66.8	125.183	74.6	139.8	95.4	178.78
6	0.3	138.4	259.362	154.3	289.158	186.8	350.063
8	0.4	153.2	287.097	171.5	321.391	202.7	379.86
10	0.5	192.3	360.37	203.7	381.734	231.4	433.644

CBR TEST

Soil Sample	: Pasir 75% + Kerikil 25%	Proving ring No	: 17795
Surcharge	: 5 kg	RING CONSTANT	: 1.874 lbs/div

Time (menit)	Vert. Dial (Inch)	No. of Blow 10		No. of Blow 25		No. of Blow 56	
		PR. Dial (div)	Load (lbs)	PR. Dial (div)	Load (lbs)	PR. Dial (div)	Load (lbs)
0	0	0	0	0	0	0	0
0.25	0.0125	4.5	8.433	5.9	11.0566	9.5	17.803
0.5	0.025	9.5	17.803	12.5	23.425	30.6	57.3444
1	0.05	19.5	36.543	22.6	42.3524	40.5	75.897
1.5	0.075	31.8	59.5932	35.5	66.527	50.9	95.3866
2	0.1	39.5	74.023	40.8	76.4592	65.8	123.309
3	0.15	50.5	94.637	65.3	122.372	82.5	154.605
4	0.2	73.2	137.177	91.3	171.096	108.5	203.329
6	0.3	156.7	293.656	184.7	346.128	204.7	383.608
8	0.4	172.4	323.078	196.4	368.054	214.8	402.535
10	0.5	201.6	377.798	228.8	428.771	243.2	455.757

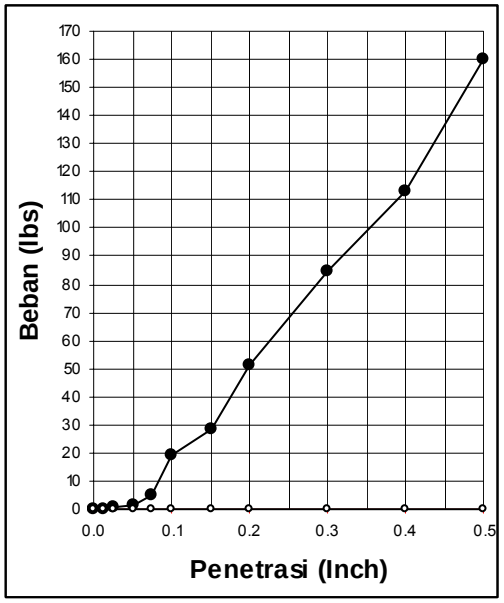
CBR TEST

Soil Sample	: Pasir 70% + Kerikil 30%	Proving ring No	: 17795
Surcharge	: 5 kg	RING CONSTANT	: 1.874 lbs/div

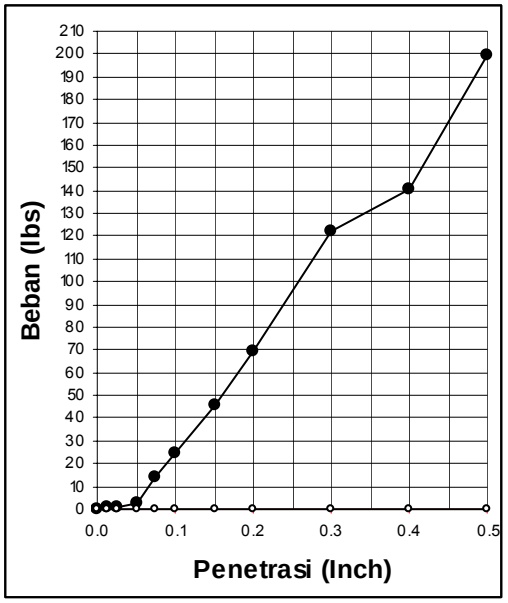
Time (menit)	Vert. Dial (Inch)	No. of Blow 10		No. of Blow 25		No. of Blow 56	
		PR. Dial (div)	Load (lbs)	PR. Dial (div)	Load (lbs)	PR. Dial (div)	Load (lbs)
0	0	0	0	0	0	0	0
0.25	0.0125	15.5	29.047	18.2	34.1068	20	37.48
0.5	0.025	31.9	59.7806	39.5	74.023	40.5	75.897
1	0.05	41.5	77.771	52.5	98.385	55.9	104.757
1.5	0.075	50	93.7	60.9	114.127	65.5	122.747
2	0.1	65.4	122.56	70.5	132.117	78.9	147.859
3	0.15	78.5	147.109	89.5	167.723	95.5	178.967
4	0.2	92.4	173.158	109.7	205.578	122.4	229.378
6	0.3	185.1	346.877	207.2	388.293	226.3	424.086
8	0.4	197.6	370.302	218.1	408.719	235.6	441.514
10	0.5	231.3	433.456	252.8	473.747	263.3	493.424

HUBUNGAN PENETRASI DAN BEBAN
(Pasir)

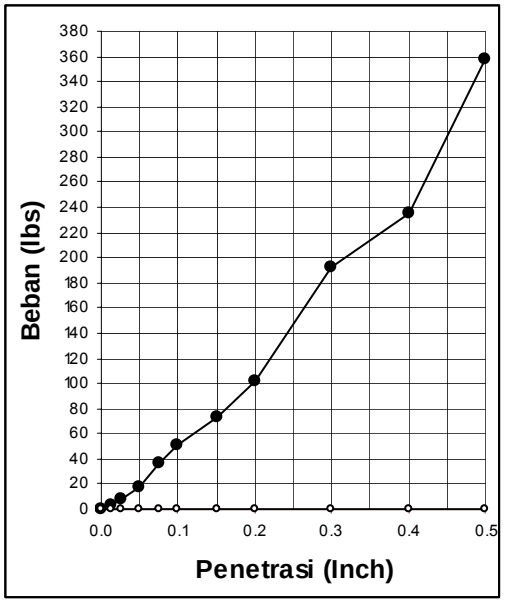
10 Tumbukan



25 Tumbukan



56 Tumbukan



<u>10 Tumbukan</u>

Beban 0.1 = 34 lbs
Beban 0.2 = 70 lbs
CBR 0.1 = (34 / 3000) x 100% = 1.13%
CBR 0.2 = (66 / 4500) x 100% = 1.56%

<u>25 Tumbukan</u>

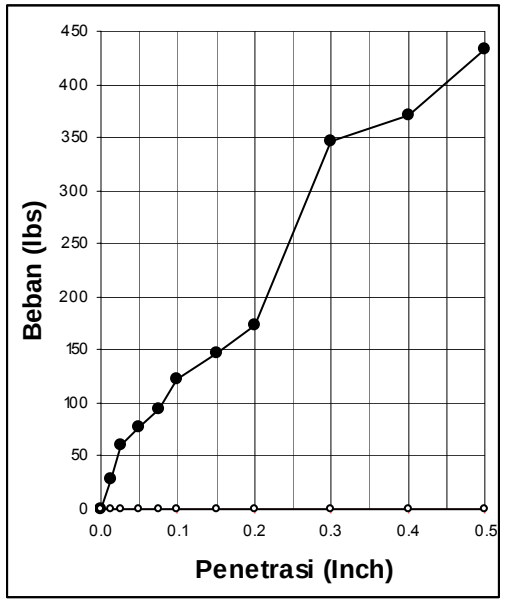
Beban 0.1 = 45 lbs
Beban 0.2 = 80 lbs
CBR 0.1 = (45 / 3000) x 100% = 1.5%
CBR 0.2 = (80 / 4500) x 100% = 1.78%

<u>56 Tumbukan</u>

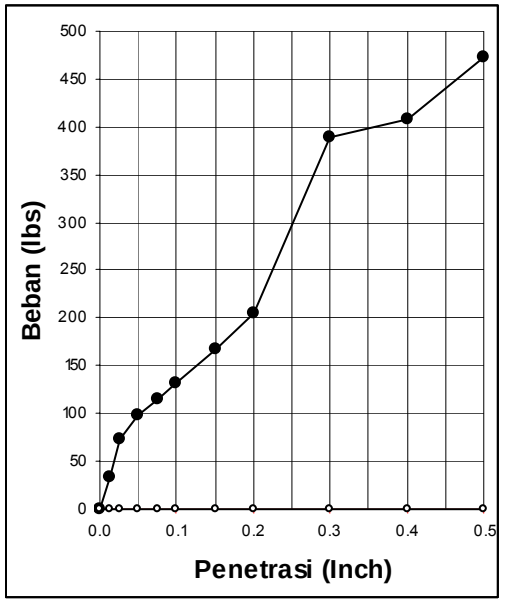
Beban 0.1 = 60 lbs
Beban 0.2 = 120 lbs
CBR 0.1 = (60 / 3000) x 100% = 2%
CBR 0.2 = (120 / 4500) x 100% = .67%

HUBUNGAN PENETRASI DAN BEBAN
(70% Pasir + 30% Kerikil)

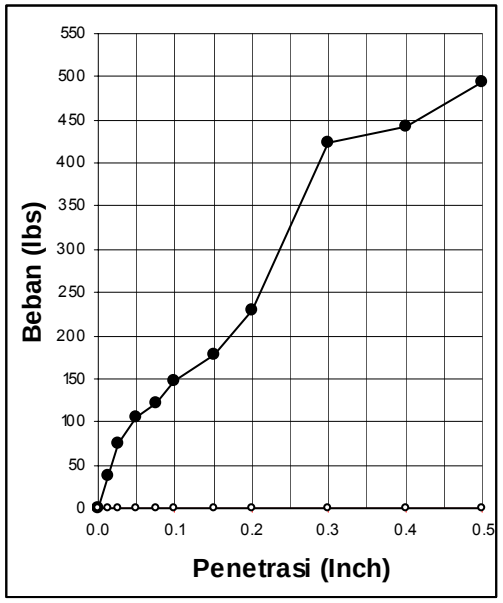
10 Tumbukan



25 Tumbukan



56 Tumbukan



10 Tumbukan

Beban 0.1 = 124 lbs
Beban 0.2 = 174 lbs
CBR 0.1 = (124 / 3000) x 100% = 4.1%
CBR 0.2 = (174 / 4500) x 100% = 3.87%

25 Tumbukan

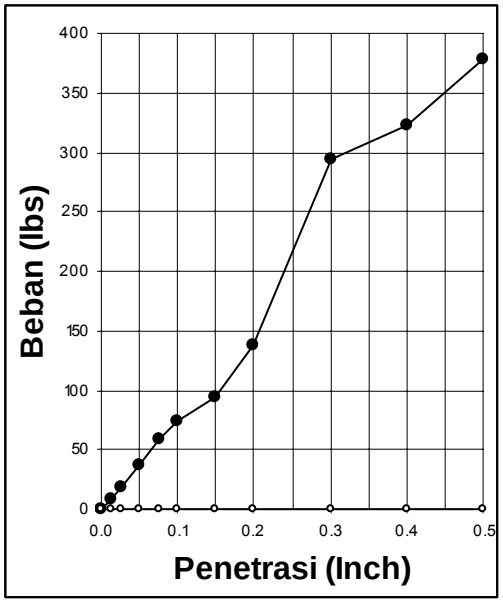
Beban 0.1 = 130 lbs
Pressure 0.2 = 205 lbs
CBR 0.1 = (130 / 3000) x 100% = 4.33%
CBR 0.2 = (205 / 4500) x 100% = 4.56%

56 Tumbukan

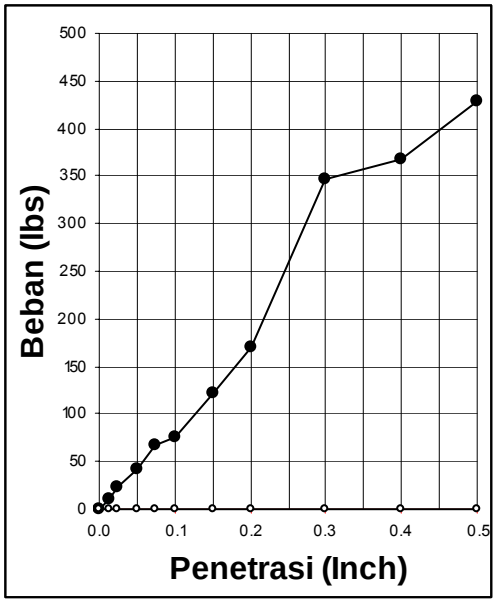
Beban 0.1 = 150 lbs
Beban 0.2 = 230 lbs
CBR 0.1 = (150 / 3000) x 100% = 5%
CBR 0.2 = (230 / 4500) x 100% = 5.1%

HUBUNGAN PENETRASI DAN BEBAN
(75% Pasir + 25% Kerikil)

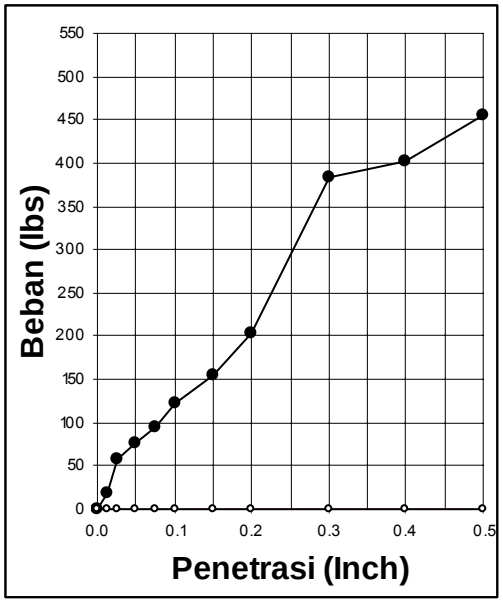
10 Tumbukan



25 Tumbukan



56 Tumbukan



10 Tumbukan

Beban 0.1 = 75 lbs
Beban 0.2 = 135 lbs
CBR 0.1 = (75 / 3000) x 100% = 2.5%
CBR 0.2 = (135 / 4500) x 100% = 3%

25 Tumbukan

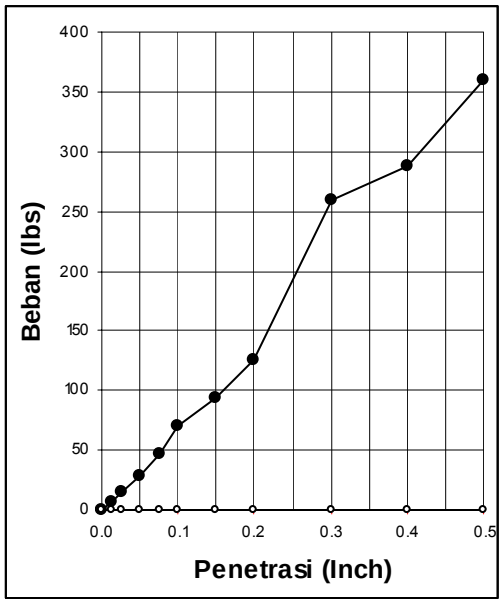
Beban 0.1 = 90 lbs
Beban 0.2 = 183 lbs
CBR 0.1 = (90 / 3000) x 100% = 3%
CBR 0.2 = (183 / 4500) x 100% = 4.07%

56 Tumbukan

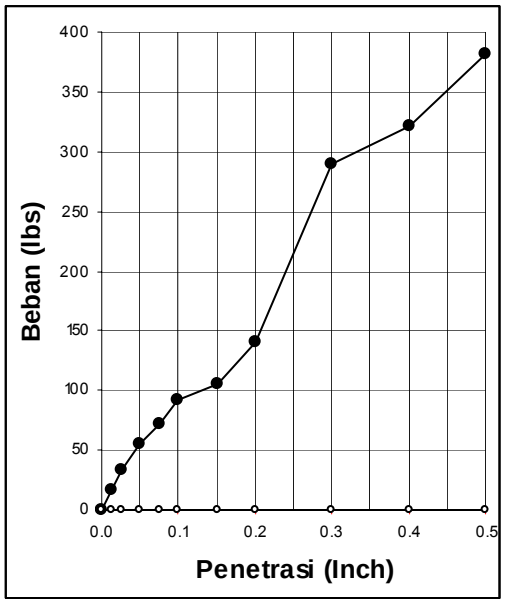
Beban 0.1 = 125 lbs
Beban 0.2 = 205 lbs
CBR 0.1 = (125 / 3000) x 100% = 4.2%
CBR 0.2 = (2.5 / 4500) x 100% = 4.6%

HUBUNGAN PENETRASI DAN BEBAN
(80% Pasir + 20% Kerikil)

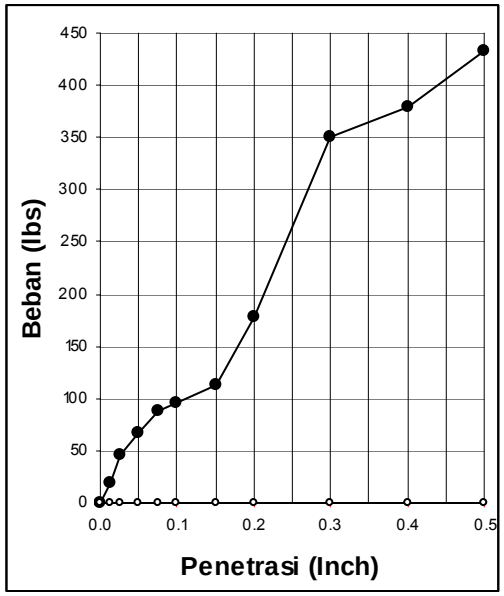
10 Tumbukan



25 Tumbukan



56 Tumbukan



<u>10 Tumbukan</u>

Beban 0.1 = 70 lbs
Beban 0.2 = 125 lbs
CBR 0.1 = (70 / 3000) x 100% = 2.33%
CBR 0.2 = (125 / 4500) x 100% = 2.78%

<u>25 Tumbukan</u>

Beban 0.1 = 90 lbs
Beban 0.2 = 140 lbs
CBR 0.1 = (90 / 3000) x 100% = 3%
CBR 0.2 = (140 / 4500) x 100% = 3.11%

<u>56 Tumbukan</u>

Beban 0.1 = 95 lbs
Beban 0.2 = 176 lbs
CBR 0.1 = (95 / 3000) x 100% = 3.2%
CBR 0.2 = (176 / 4500) x 100% = 3.9%

KURVA HUBUNGAN KOMPAKSI DAN CBR

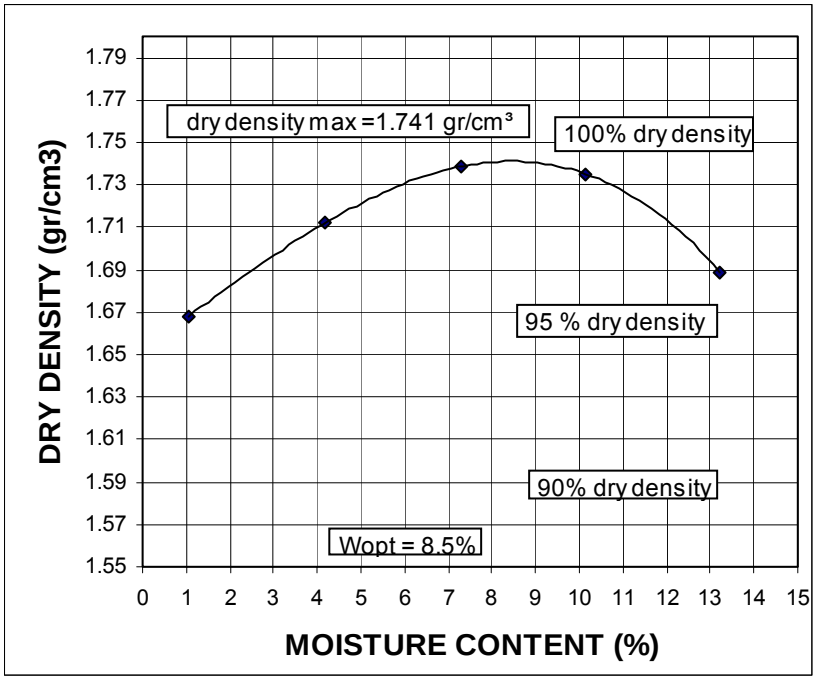
Sample : Pasir

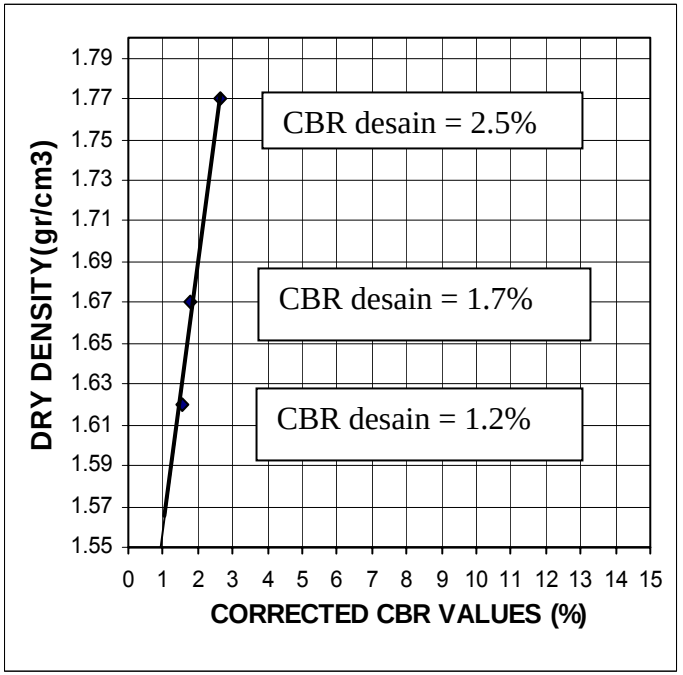
COMPACTION

DRY DENSITY	(gr/cm³)	1.668	1.712	1.739	1.735	1.689
Moisture content	(%)	1.04	4.18	7.31	10.15	13.21
Z A V C		2.721	2.507	2.324	2.18	2.044

CORRECTED CBR VALUES (%)

MOULDED PER LAYER		56	25	10
DRY DENSITY	(gr/cm³)	1.77	1.67	1.62
CORRECTED CBR VALUES	(%)	2.67	1.78	1.56





KURVA HUBUNGAN KOMPAKSI DAN CBR

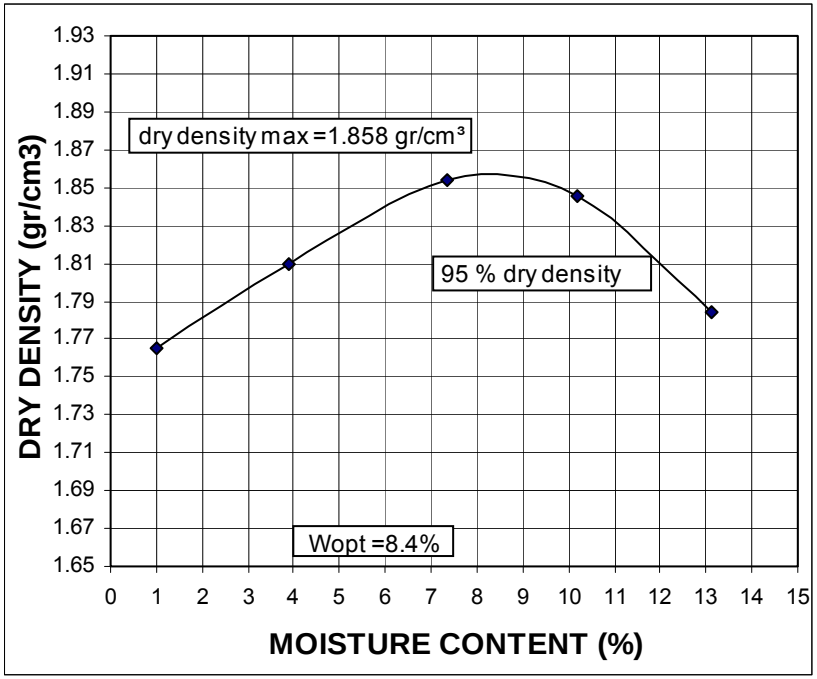
Sample : 80% Pasir + 20% Kerikil

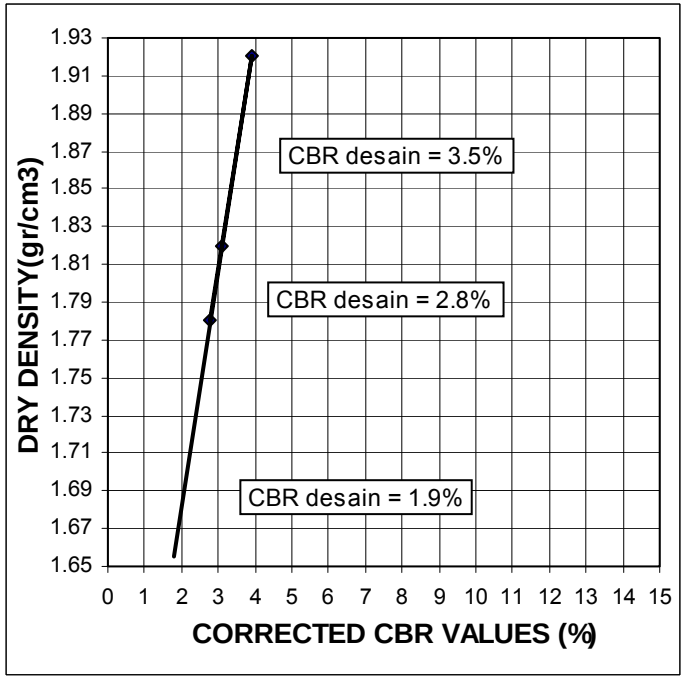
COMPACTION

DRY DENSITY	(gr/cm³)	1.765	1.81	1.854	1.845	1.784
Moisture content	(%)	0.99	3.9	7.34	10.2	13.12
Z A V C		2.724	2.524	2.323	2.178	2.048

CORRECTED CBR VALUES (%)

MOULDED PER LAYER		56	25	10
DRY DENSITY	(gr/cm³)	1.92	1.82	1.78
CORRECTED CBR VALUES	(%)	3.9	3.1	2.78





KURVA HUBUNGAN KOMPAKSI DAN CBR

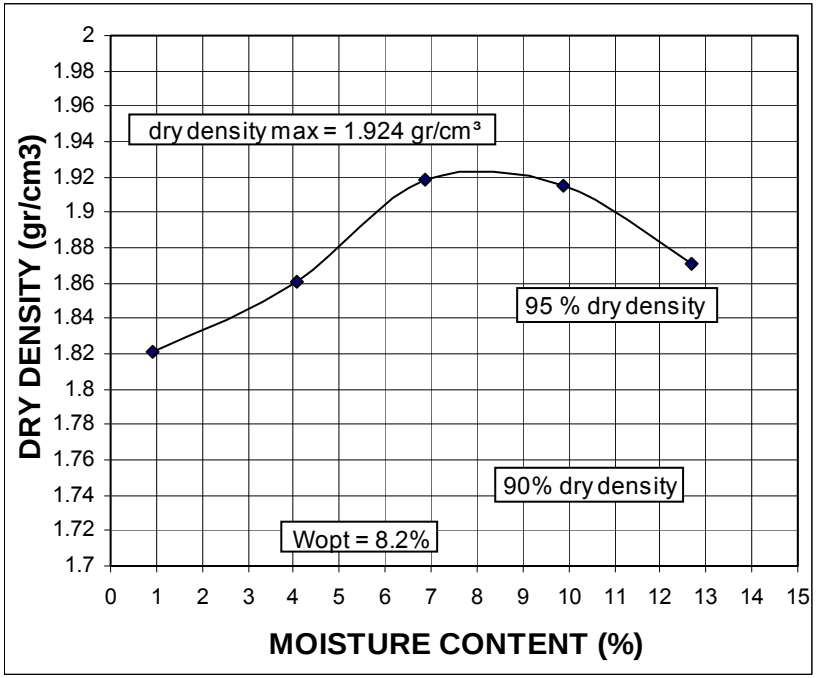
Sample : 75% Pasir + 25% Kerikil

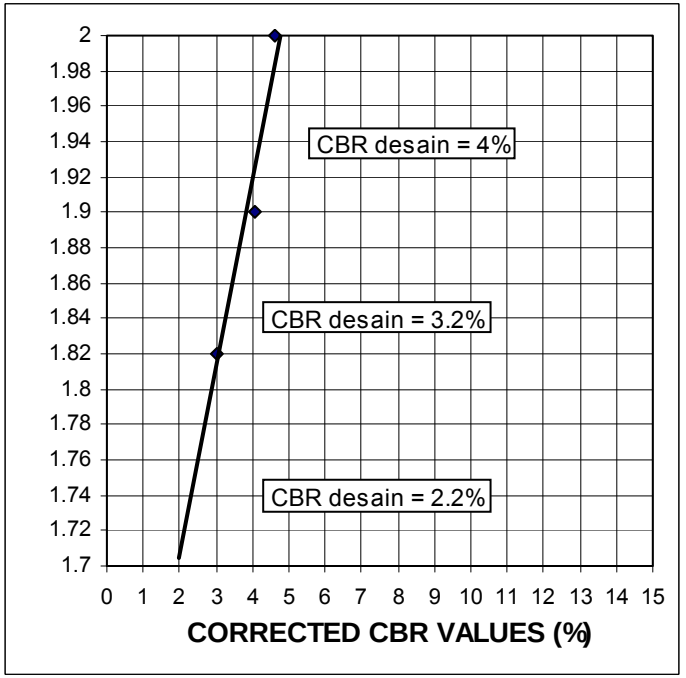
COMPACTION

DRY DENSITY	(gr/cm³)	1.821	1.861	1.919	1.915	1.871
Moisture content	(%)	0.92	4.05	6.88	9.88	12.67
Z A V C		2.73	2.515	2.348	2.193	2.067

CORRECTED CBR VALUES (%)

MOULDED PER LAYER		56	25	10
DRY DENSITY	(gr/cm³)	2	1.9	1.82
CORRECTED CBR VALUES	(%)	4.6	4.07	3





KURVA HUBUNGAN KOMPAKSI DAN CBR

Sample : 70% Pasir + 30% Kerikil

COMPACTION

DRY DENSITY	(gr/cm³)	1.74	1.911	1.964	1.901	1.831
Moisture content	(%)	1.03	4.14	7.3	10.25	13.07
Z A V C		2.722	2.509	2.325	2.176	2.05

CORRECTED CBR VALUES (%)

MOULDED PER LAYER		56	25	10
DRY DENSITY	(gr/cm³)	2.08	1.97	1.87
CORRECTED CBR VALUES	(%)	5.1	4.56	4.1