

Lampiran 1 (Perhitungan CBR X1)

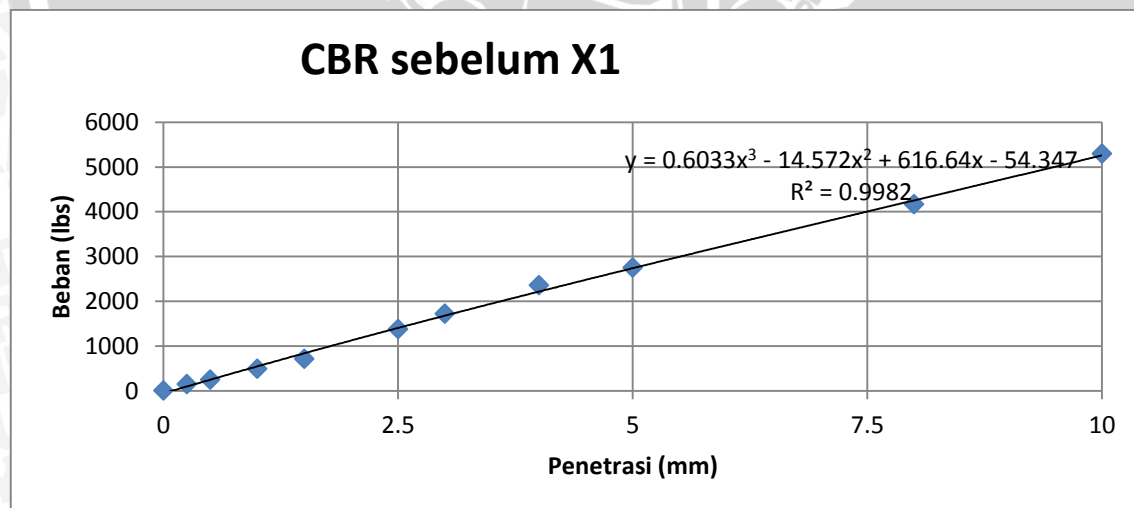
X1 sebelum dilakukan percobaan

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	3	147.06
0.5	0.0197	5	245.1
1	0.0394	10	490.2
1.5	0.0591	14.5	710.79
2.5	0.1	28	1372.56
3	0.1181	35	1715.7
4	0.1575	48	2352.96
5	0.2	56	2745.12
8	0.3	85	4166.7
10	0.3937	108	5294.16



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1454.552	1000	47.816
0.2	5	2785.511	1500	61.046

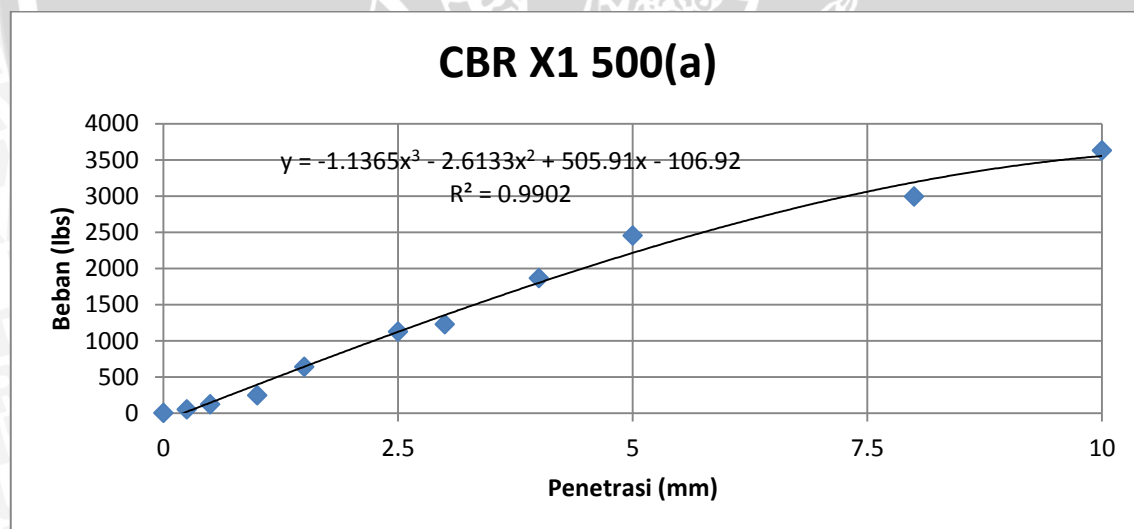
X1 dengan penambahan air 500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	2.5	122.55
1	0.0394	5	245.1
1.5	0.0591	13	637.26
2.5	0.1	23	1127.46
3	0.1181	25	1225.5
4	0.1575	38	1862.76
5	0.2	50	2451
8	0.3	61	2990.22
10	0.3937	74	3627.48



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1223.031	1000	40.205
0.2	5	2297.828	1500	50.358

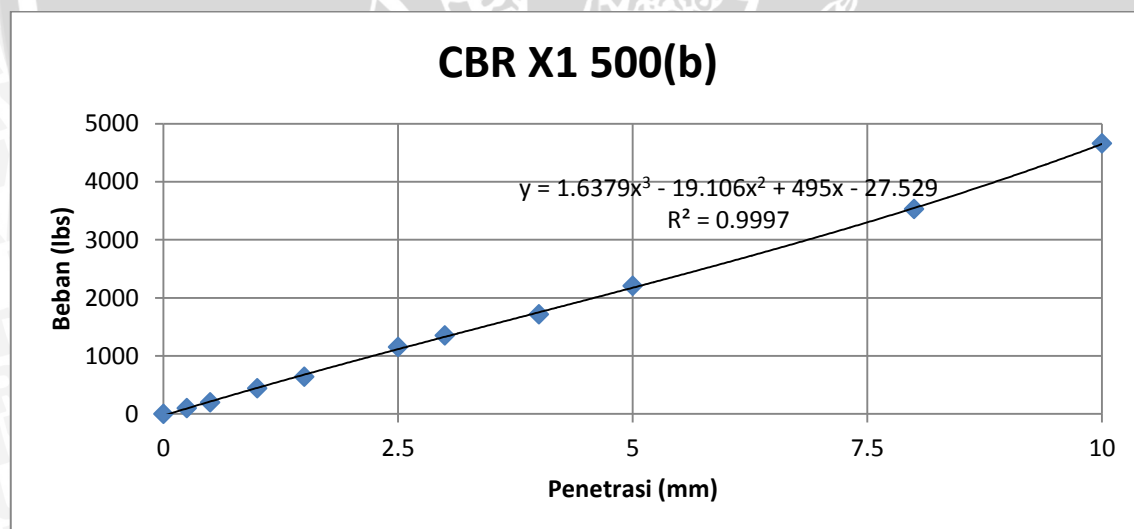
X1 dengan penambahan air 500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	4	196.08
1	0.0394	9	441.18
1.5	0.0591	13	637.26
2.5	0.1	23.5	1151.97
3	0.1181	27.5	1348.05
4	0.1575	35	1715.7
5	0.2	45	2205.9
8	0.3	72	3529.44
10	0.3937	95	4656.9



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1140.104	1000	37.479
0.2	5	2198.360	1500	48.178

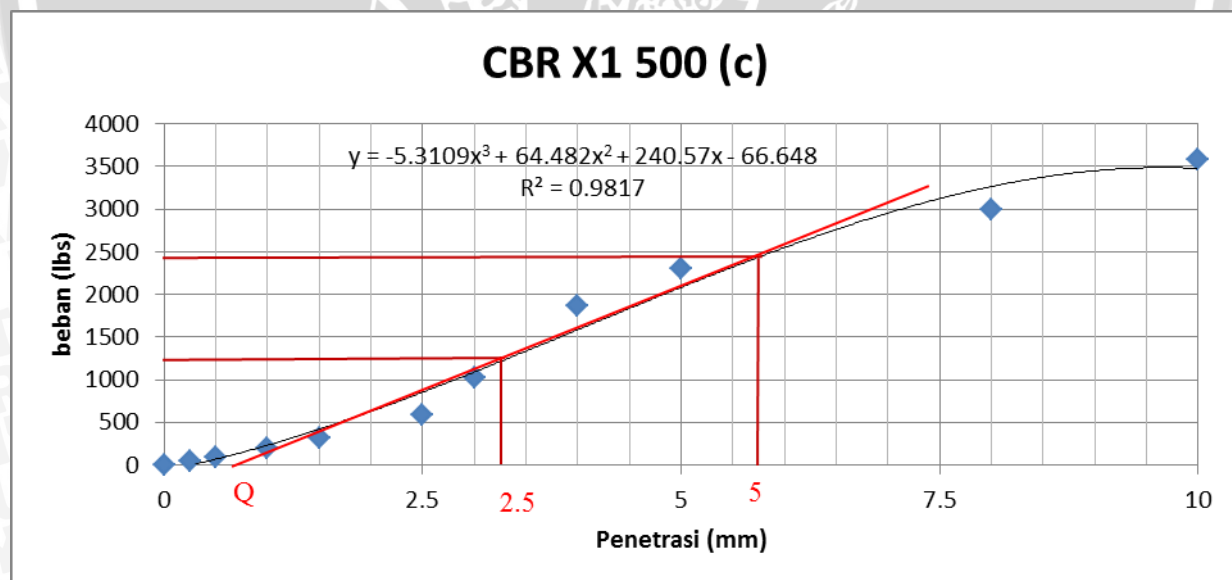
X1 dengan penambahan air 500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	2	98.04
1	0.0394	4	196.08
1.5	0.0591	6.5	318.63
2.5	0.1	12	588.24
3	0.1181	21	1029.42
4	0.1575	38	1862.76
5	0.2	47	2303.94
8	0.3	61	2990.22
10	0.3937	73	3578.46



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1250.000	1000	32.103
0.2	5	2450.000	1500	48.425

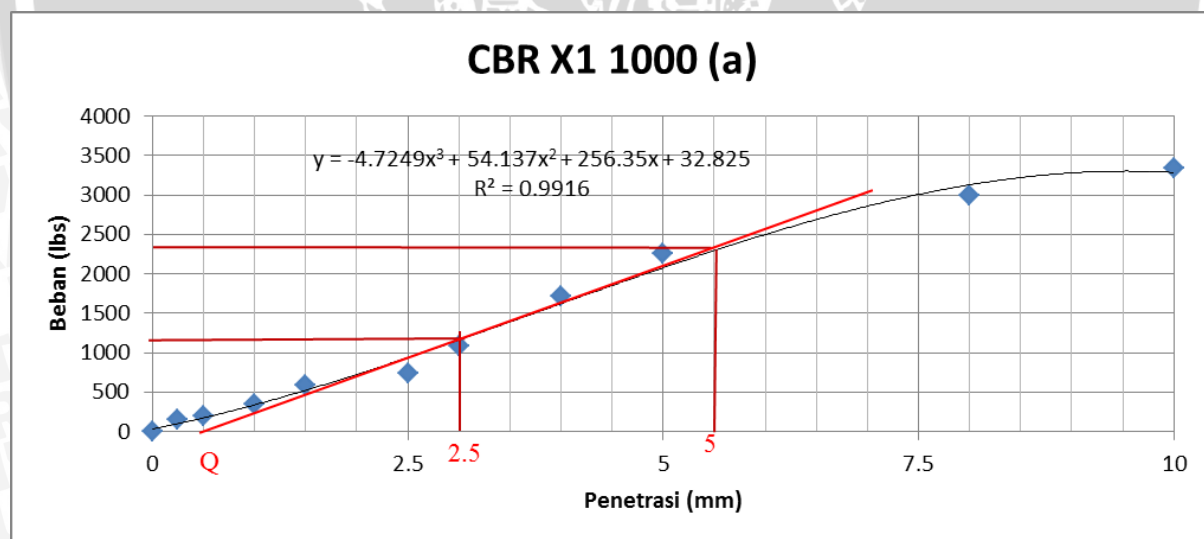
X1 dengan penambahan air 1000 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	3	147.06
0.5	0.0197	4	196.08
1	0.0394	7	343.14
1.5	0.0591	12	588.24
2.5	0.1	15	735.3
3	0.1181	22	1078.44
4	0.1575	35	1715.7
5	0.2	46	2254.92
8	0.3	61	2990.22
10	0.3937	68	3333.36



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1100.000	1000	30.843
0.2	5	2350.000	1500	45.527

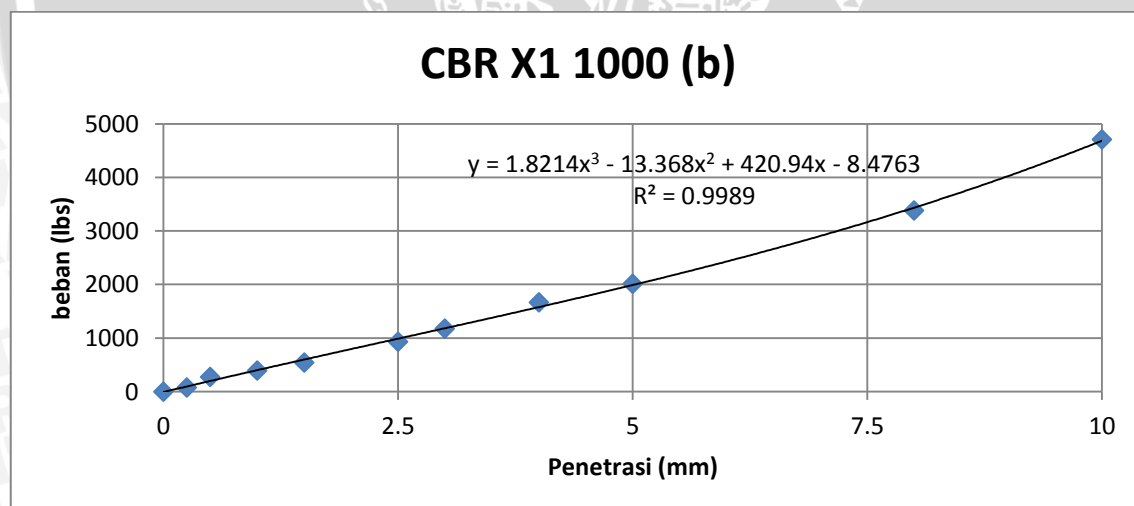
X1 dengan penambahan air 1000 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1.5	73.53
0.5	0.0197	5.5	269.61
1	0.0394	8	392.16
1.5	0.0591	11	539.22
2.5	0.1	19	931.38
3	0.1181	24	1176.48
4	0.1575	34	1666.68
5	0.2	41	2009.82
8	0.3	69	3382.38
10	0.3937	96	4705.92



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	996.606	1000	32.762
0.2	5	1998.245	1500	43.792

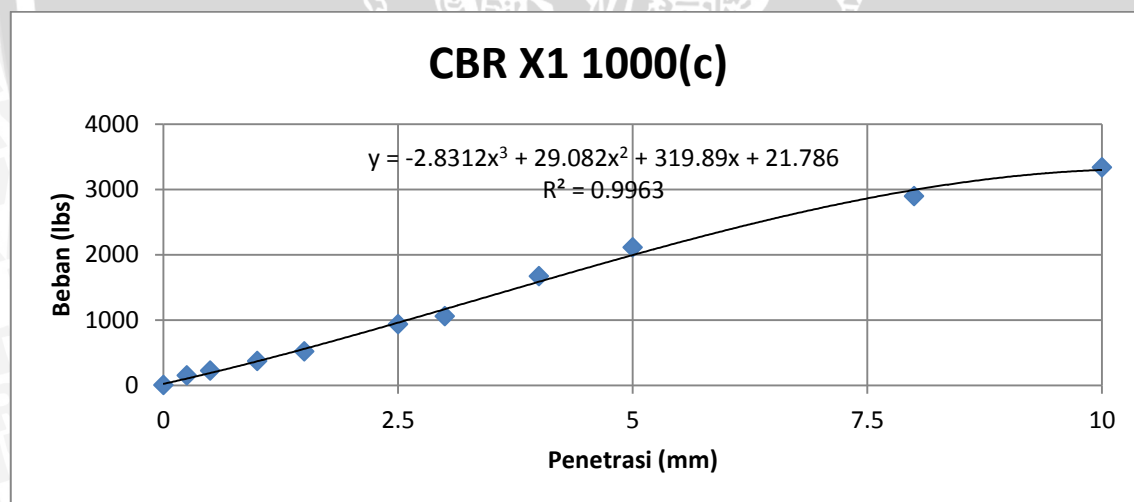
X1 dengan penambahan air 1000 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	3	147.06
0.5	0.0197	4.5	220.59
1	0.0394	7.5	367.65
1.5	0.0591	10.5	514.71
2.5	0.1	19	931.38
3	0.1181	21.5	1053.93
4	0.1575	34	1666.68
5	0.2	43	2107.86
8	0.3	59	2892.18
10	0.3937	68	3333.36



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	959.036	1000	31.526
0.2	5	1994.386	1500	43.708

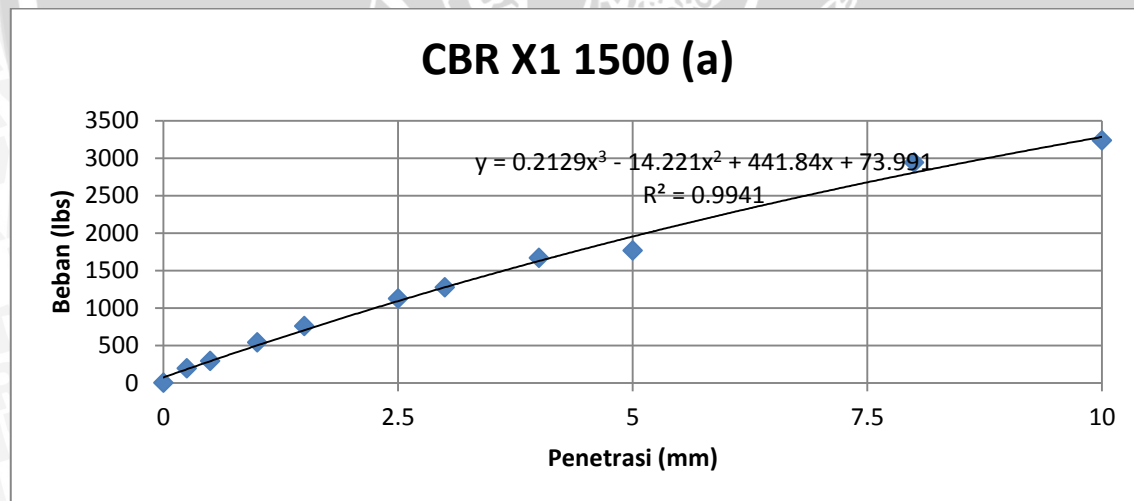
X1 dengan penambahan air 1500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	4	196.08
0.5	0.0197	6	294.12
1	0.0394	11	539.22
1.5	0.0591	15.5	759.81
2.5	0.1	23	1127.46
3	0.1181	26	1274.52
4	0.1575	34	1666.68
5	0.2	36	1764.72
8	0.3	60	2941.2
10	0.3937	66	3235.32



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1093.036	1000	35.932
0.2	5	1954.279	1500	42.829

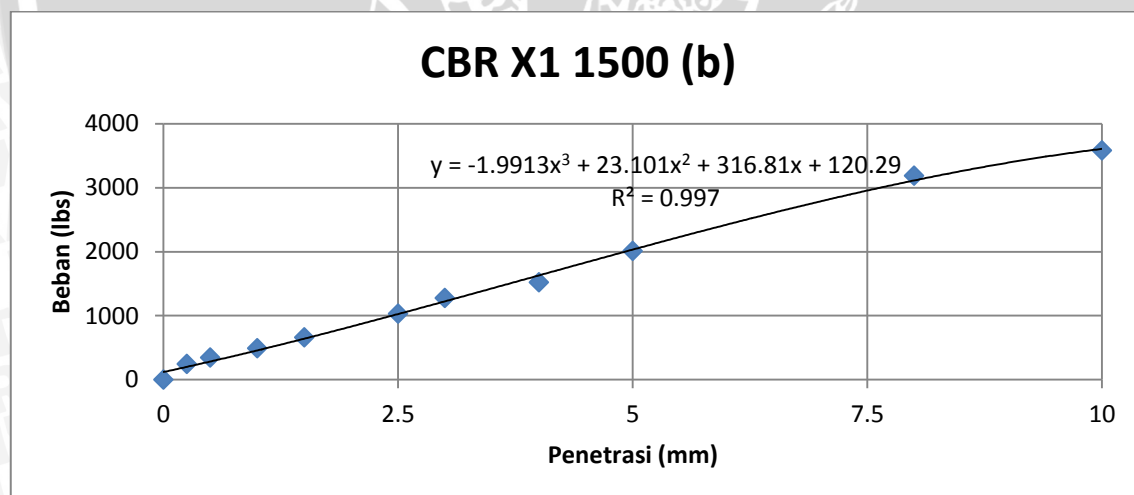
X1 dengan penambahan air 1500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	5	245.1
0.5	0.0197	7	343.14
1	0.0394	10	490.2
1.5	0.0591	13.5	661.77
2.5	0.1	21	1029.42
3	0.1181	26	1274.52
4	0.1575	31	1519.62
5	0.2	41	2009.82
8	0.3	65	3186.3
10	0.3937	73	3578.46



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1025.582	1000	33.714
0.2	5	2032.953	1500	44.553

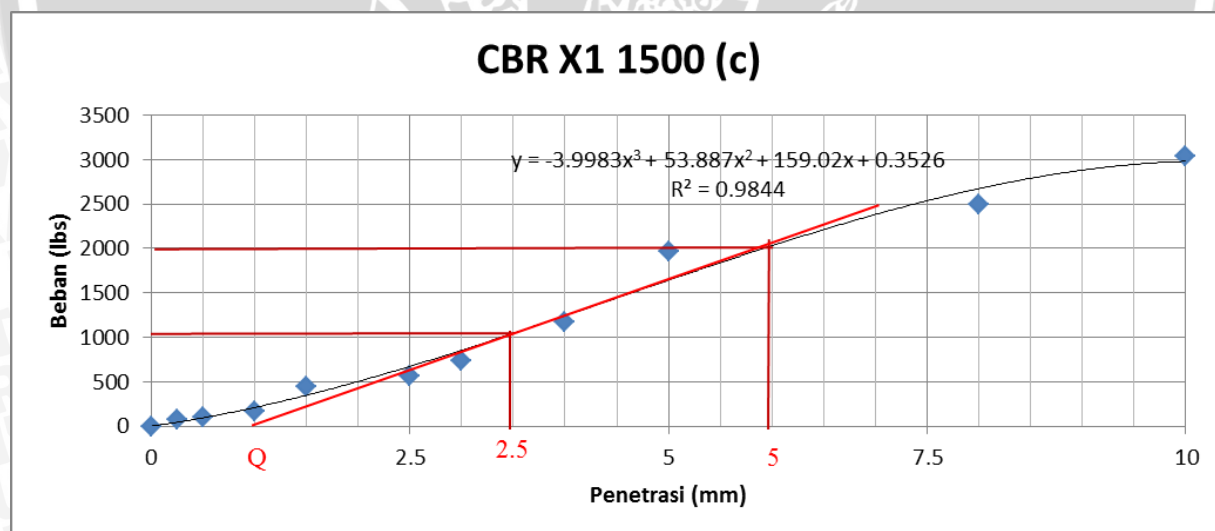
X1 dengan penambahan air 1500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1.5	73.53
0.5	0.0197	2	98.04
1	0.0394	3.5	171.57
1.5	0.0591	9	441.18
2.5	0.1	11.5	563.73
3	0.1181	15	735.3
4	0.1575	24	1176.48
5	0.2	40	1960.8
8	0.3	51	2500.02
10	0.3937	62	3039.24



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1000.000	1000	22.098
0.2	5	2000.000	1500	36.004

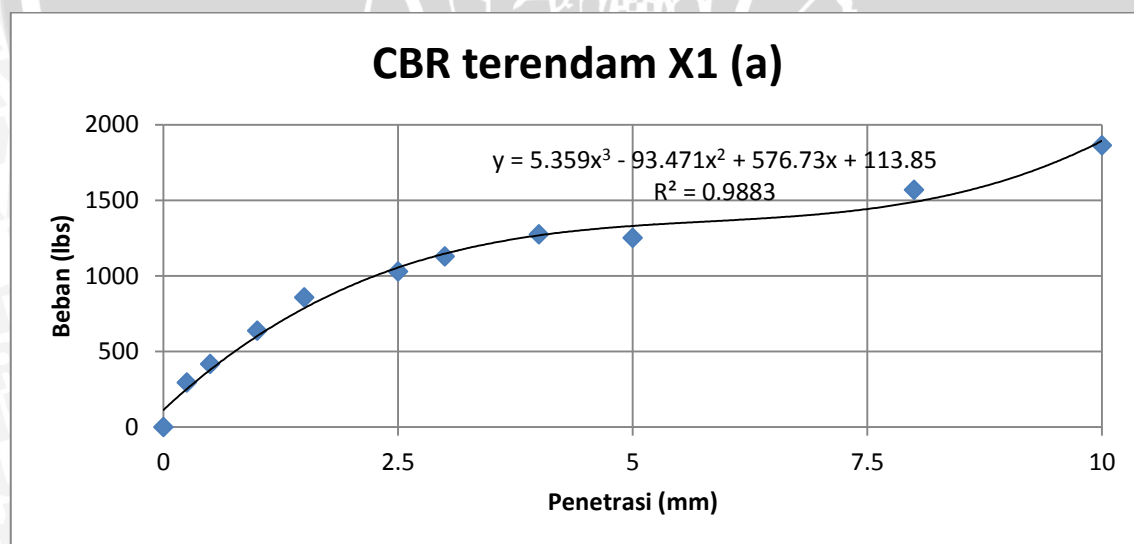
X1 terendam (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	6	294.12
0.5	0.0197	8.5	416.67
1	0.0394	13	637.26
1.5	0.0591	17.5	857.85
2.5	0.1	21	1029.42
3	0.1181	23	1127.46
4	0.1575	26	1274.52
5	0.2	25.5	1250.01
8	0.3	32	1568.64
10	0.3937	38	1862.76



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1055.216	1000	34.688
0.2	5	1330.600	1500	29.161

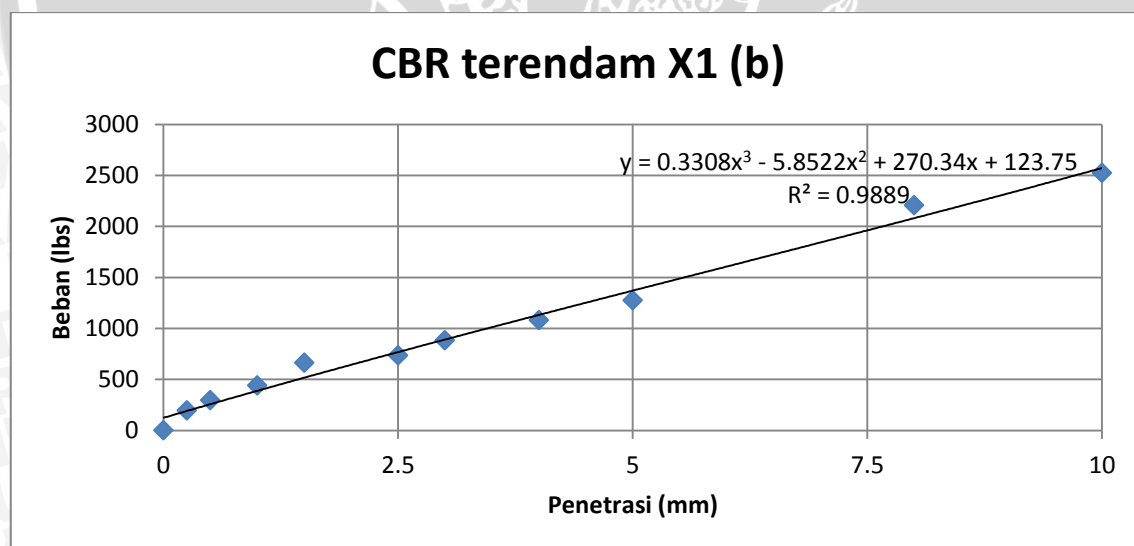
X1 terendam (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	4	196.08
0.5	0.0197	6	294.12
1	0.0394	9	441.18
1.5	0.0591	13.5	661.77
2.5	0.1	15	735.3
3	0.1181	18	882.36
4	0.1575	22	1078.44
5	0.2	26	1274.52
8	0.3	45	2205.9
10	0.3937	51.5	2524.53



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	768.193	1000	25.253
0.2	5	1370.495	1500	30.035

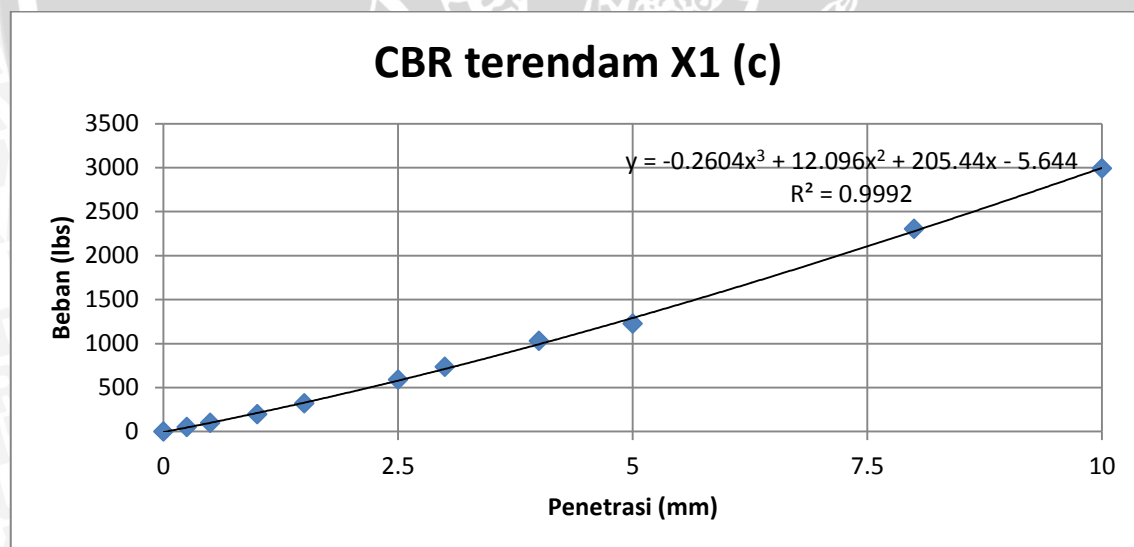
X1 terendam (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	2	98.04
1	0.0394	4	196.08
1.5	0.0591	6.5	318.63
2.5	0.1	12	588.24
3	0.1181	15	735.3
4	0.1575	21	1029.42
5	0.2	25	1225.5
8	0.3	47	2303.94
10	0.3937	61	2990.22



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	586.655	1000	19.285
0.2	5	1299.830	1500	28.486

Lampiran 2 (Perhitungan CBR X2)

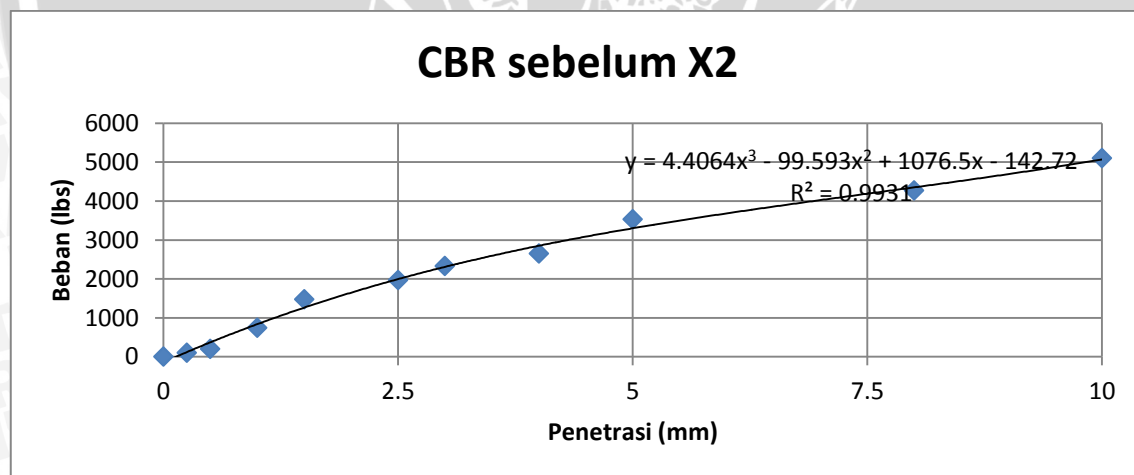
X2 sebelum dilakukan percobaan

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	4	196.08
1	0.0394	15	735.3
1.5	0.0591	30	1470.6
2.5	0.1	40	1960.8
3	0.1181	47.5	2328.45
4	0.1575	54	2647.08
5	0.2	72	3529.44
8	0.3	87	4264.74
10	0.3937	104	5098.08



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1994.924	1000	65.579
0.2	5	3300.755	1500	72.337

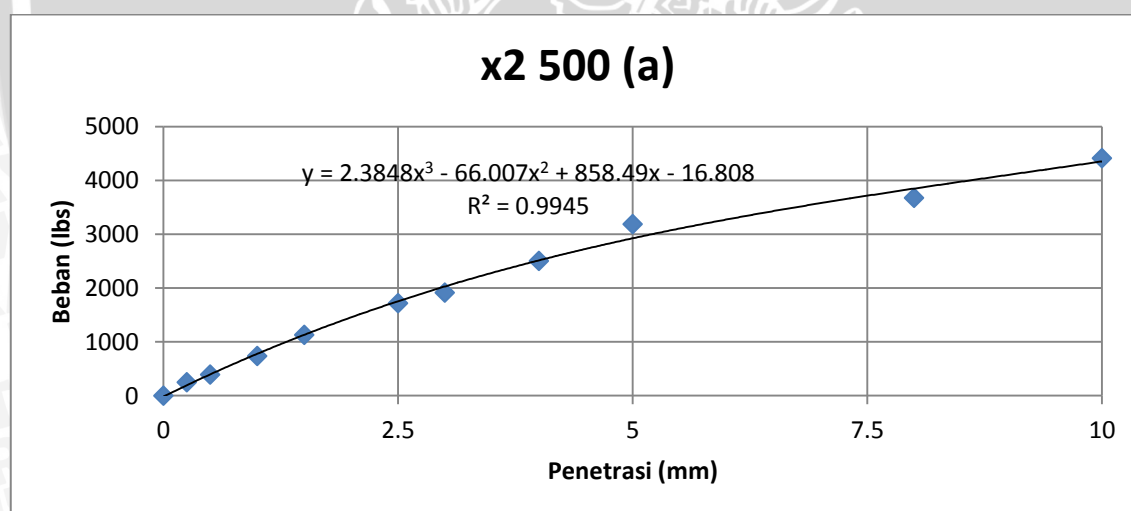
X2 dengan penambahan air 500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	5	245.1
0.5	0.0197	8	392.16
1	0.0394	15	735.3
1.5	0.0591	23	1127.46
2.5	0.1	35	1715.7
3	0.1181	39	1911.78
4	0.1575	51	2500.02
5	0.2	65	3186.3
8	0.3	75	3676.5
10	0.3937	90	4411.8



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1765.357	1000	58.033
0.2	5	2930.954	1500	64.233

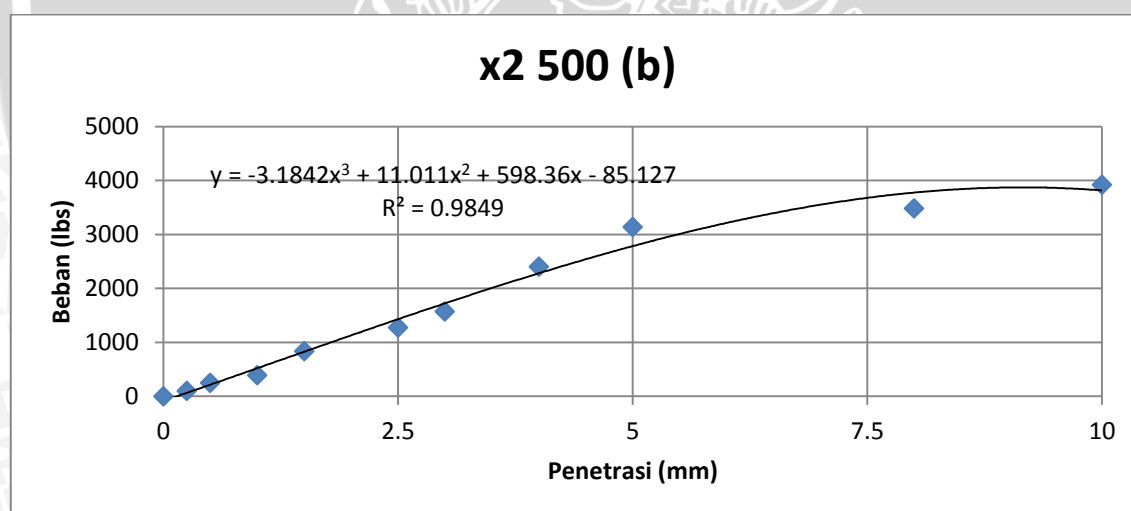
X2 dengan penambahan air 500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	5	245.1
1	0.0394	8	392.16
1.5	0.0591	17	833.34
2.5	0.1	26	1274.52
3	0.1181	32	1568.64
4	0.1575	49	2401.98
5	0.2	64	3137.28
8	0.3	71	3480.42
10	0.3937	80	3921.6



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1513.824	1000	49.764
0.2	5	2849.823	1500	62.455

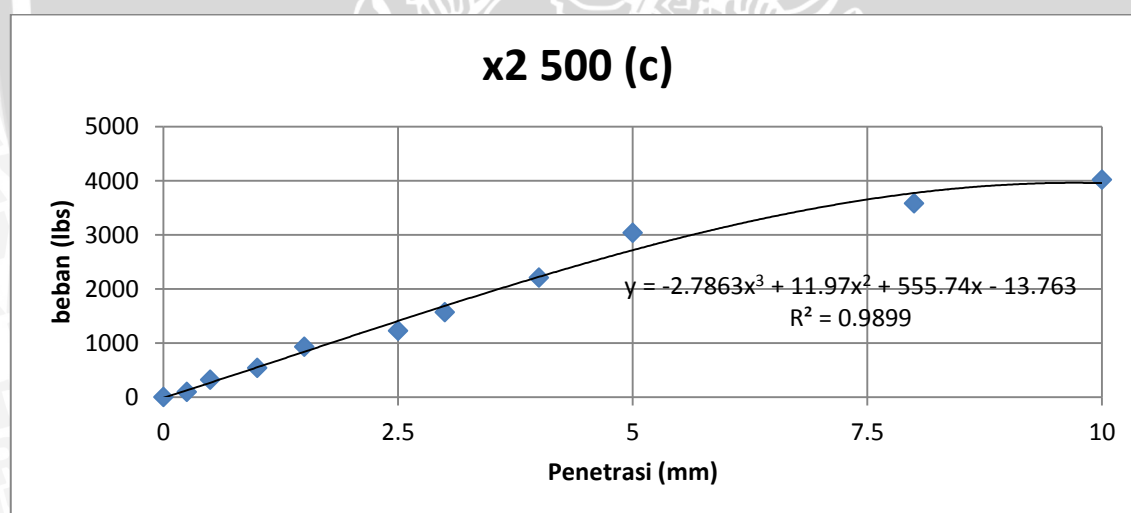
X2 dengan penambahan air 500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	6.5	318.63
1	0.0394	11	539.22
1.5	0.0591	19	931.38
2.5	0.1	25	1225.5
3	0.1181	32	1568.64
4	0.1575	45	2205.9
5	0.2	62	3039.24
8	0.3	73	3578.46
10	0.3937	82	4019.64



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1420.801	1000	46.706
0.2	5	2727.426	1500	59.773

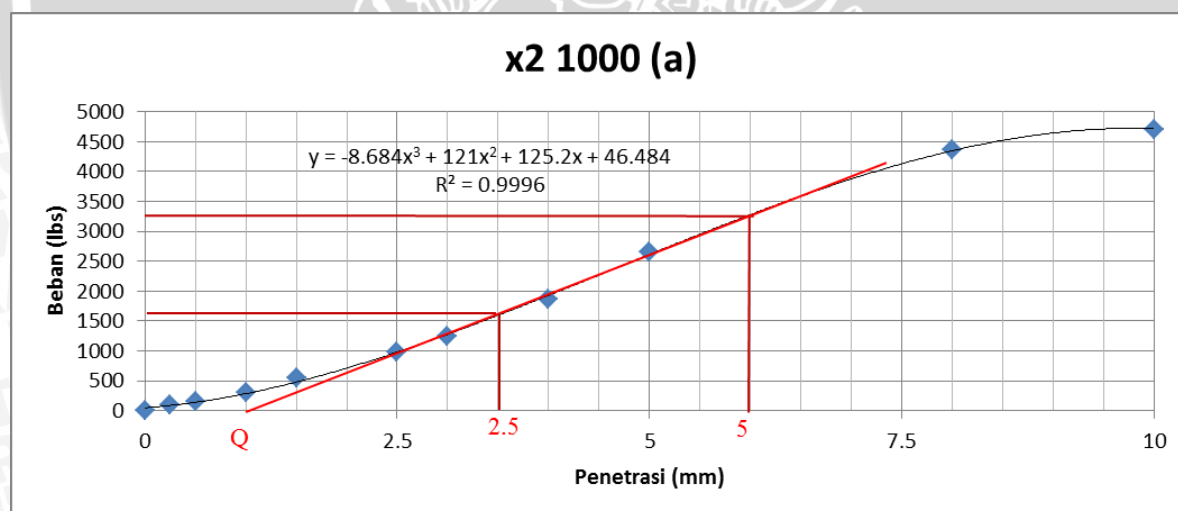
X2 dengan penambahan air 1000 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	3	147.06
1	0.0394	6	294.12
1.5	0.0591	11	539.22
2.5	0.1	20	980.4
3	0.1181	25.5	1250.01
4	0.1575	38	1862.76
5	0.2	54	2647.08
8	0.3	89	4362.78
10	0.3937	96	4705.92



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1600.000	1000	32.217
0.2	5	3250.000	1500	57.243

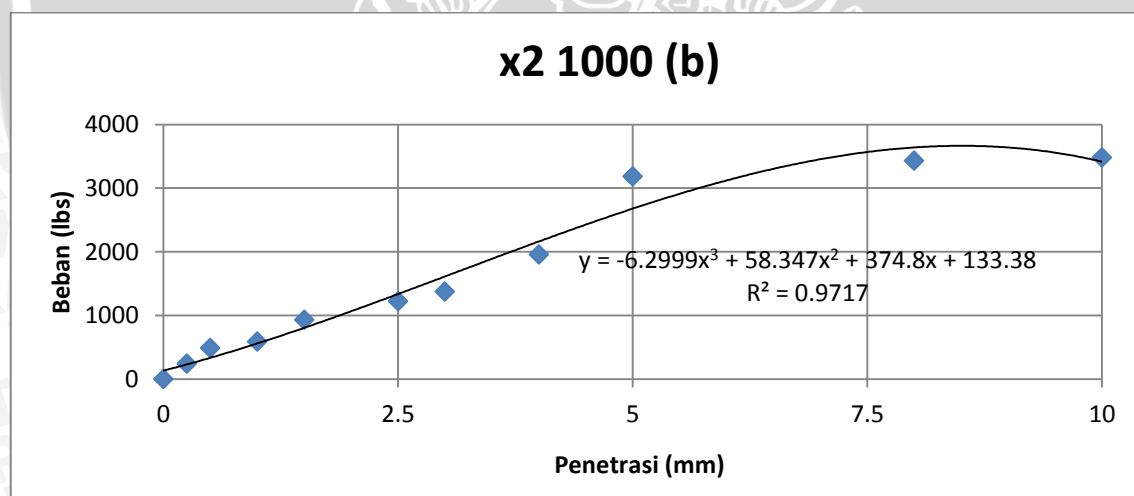
X2 dengan penambahan air 1000 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	5	245.1
0.5	0.0197	10	490.2
1	0.0394	12	588.24
1.5	0.0591	19	931.38
2.5	0.1	25	1225.5
3	0.1181	28	1372.56
4	0.1575	40	1960.8
5	0.2	65	3186.3
8	0.3	70	3431.4
10	0.3937	71	3480.42



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1336.613	1000	43.939
0.2	5	2678.568	1500	58.702

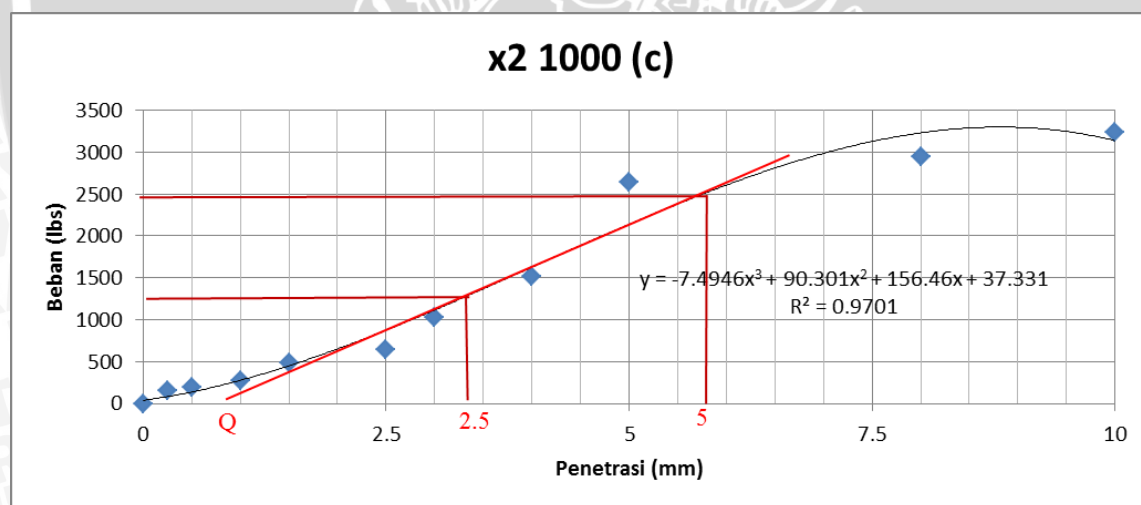
X2 dengan penambahan air 1000 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	3	147.06
0.5	0.0197	4	196.08
1	0.0394	5.5	269.61
1.5	0.0591	10	490.2
2.5	0.1	13	637.26
3	0.1181	21	1029.42
4	0.1575	31	1519.62
5	0.2	54	2647.08
8	0.3	60	2941.2
10	0.3937	66	3235.32



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1250.000	1000	31.357
0.2	5	2500.000	1500	46.906

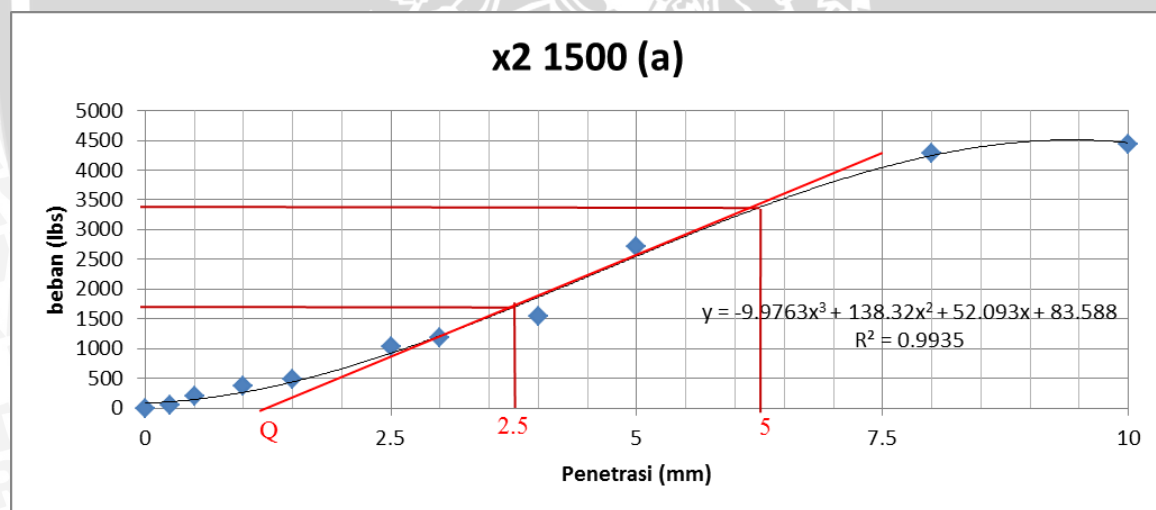
X2 dengan penambahan air 1500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	4	196.08
1	0.0394	7.5	367.65
1.5	0.0591	10	490.2
2.5	0.1	21	1029.42
3	0.1181	24	1176.48
4	0.1575	31.5	1544.13
5	0.2	55.5	2720.61
8	0.3	87.5	4289.25
10	0.3937	90.5	4436.31



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1600.000	1000	30.323
0.2	5	3350.000	1500	55.994

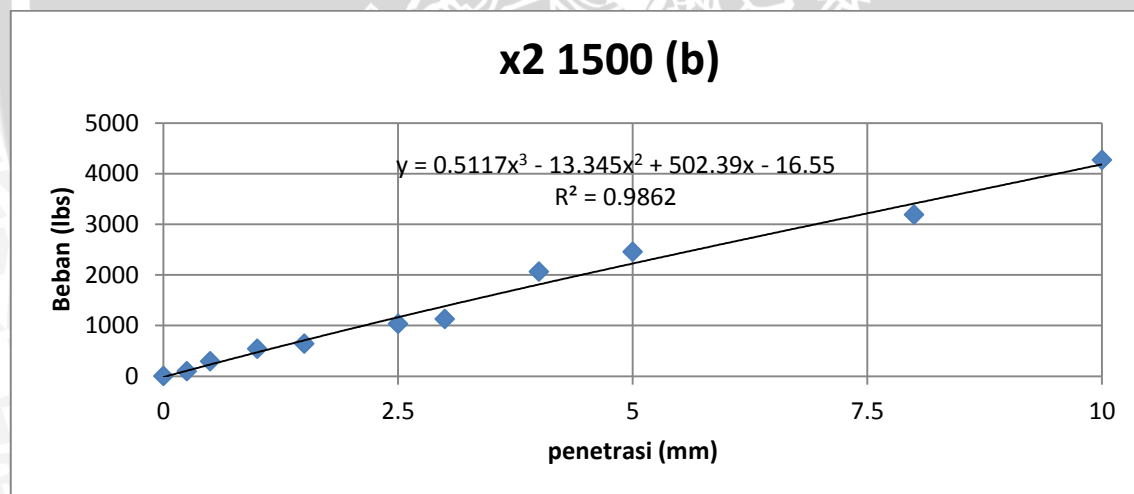
X2 dengan penambahan air 1500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	6	294.12
1	0.0394	11	539.22
1.5	0.0591	13	637.26
2.5	0.1	21	1029.42
3	0.1181	23	1127.46
4	0.1575	42	2058.84
5	0.2	50	2451
8	0.3	65	3186.3
10	0.3937	87	4264.74



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.53297	1178.684	1000	38.747
0.2	5.03297	2239.161	1500	49.072

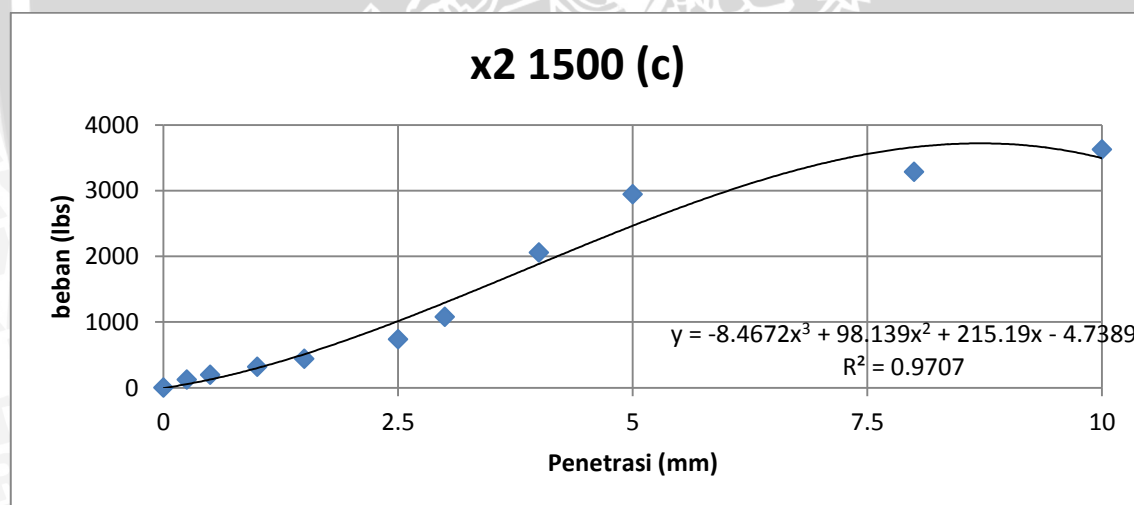
X2 dengan penambahan air 1500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2.5	122.55
0.5	0.0197	4	196.08
1	0.0394	6.5	318.63
1.5	0.0591	9	441.18
2.5	0.1	15	735.3
3	0.1181	22	1078.44
4	0.1575	42	2058.84
5	0.2	60	2941.2
8	0.3	67	3284.34
10	0.3937	74	3627.48



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1026.254	1000	33.736
0.2	5	2478.519	1500	54.318

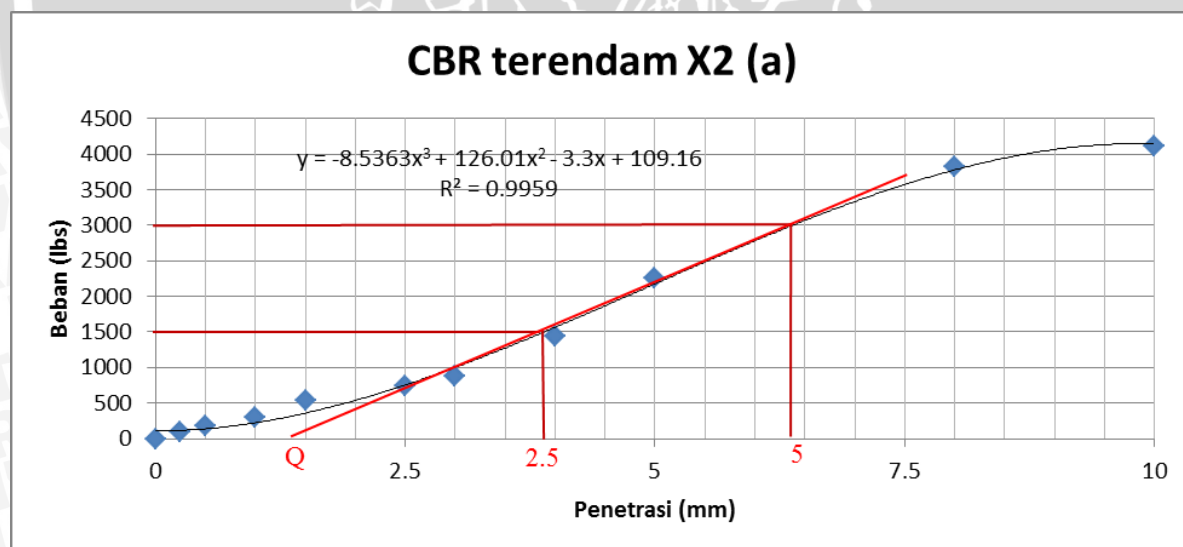
X2 terendam (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	3.5	171.57
1	0.0394	6	294.12
1.5	0.0591	11	539.22
2.5	0.1	15	735.3
3	0.1181	18	882.36
4	0.1575	29.5	1446.09
5	0.2	46	2254.92
8	0.3	78	3823.56
10	0.3937	84	4117.68



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1500.000	1000	49.310
0.2	5	3000.000	1500	65.746

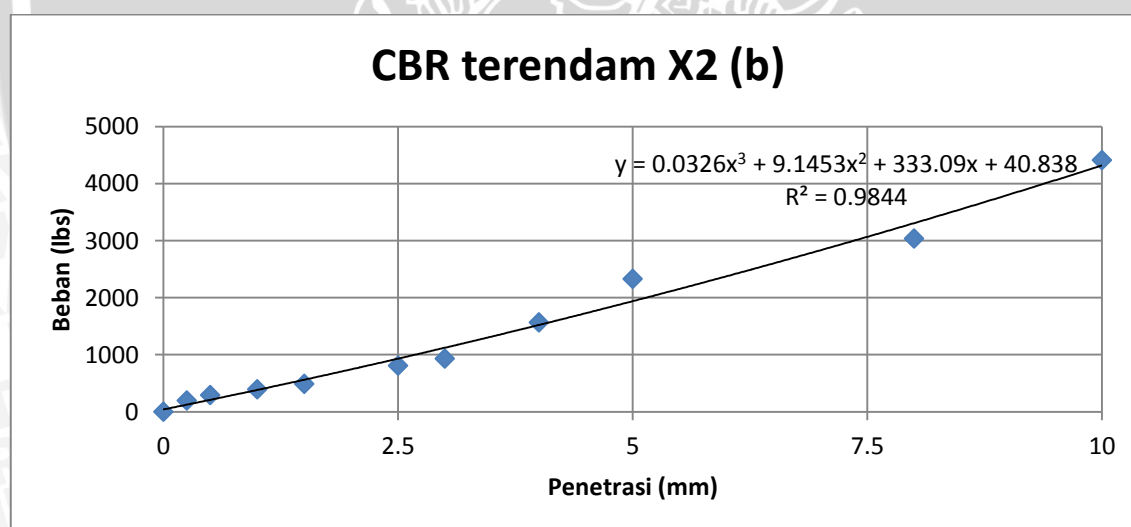
X2 terendam (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	4	196.08
0.5	0.0197	6	294.12
1	0.0394	8	392.16
1.5	0.0591	10	490.2
2.5	0.1	16.5	808.83
3	0.1181	19	931.38
4	0.1575	32	1568.64
5	0.2	47.5	2328.45
8	0.3	62	3039.24
10	0.3937	90	4411.8



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	930.212	1000	30.579
0.2	5	1930.846	1500	42.315

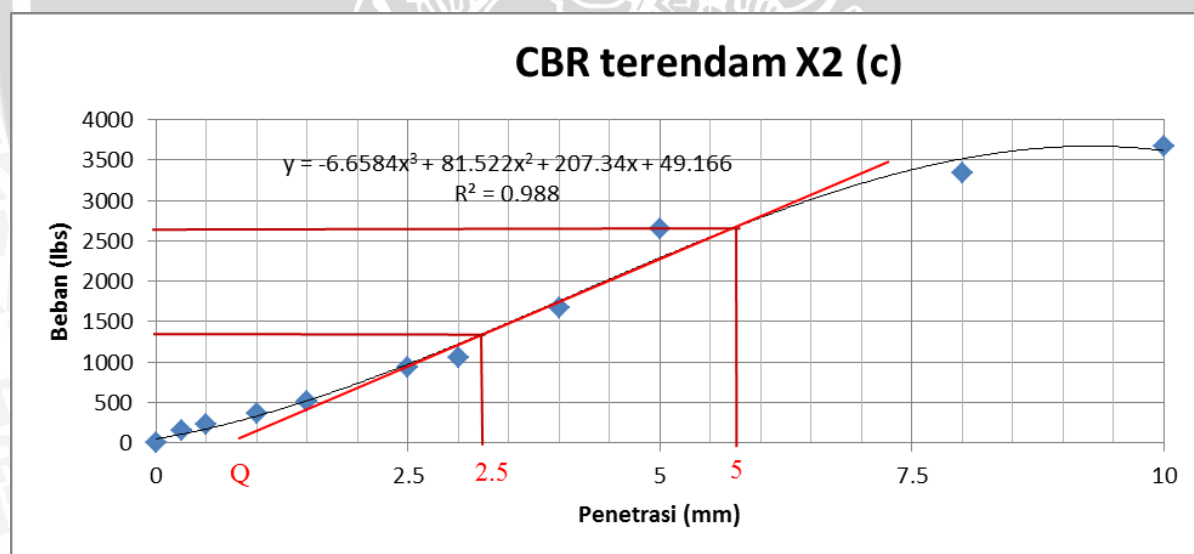
X2 terendam (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	3	147.06
0.5	0.0197	4.5	220.59
1	0.0394	7.5	367.65
1.5	0.0591	10.5	514.71
2.5	0.1	19	931.38
3	0.1181	21.5	1053.93
4	0.1575	34	1666.68
5	0.2	54	2647.08
8	0.3	68	3333.36
10	0.3937	75	3676.5



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1350.000	1000	31.985
0.2	5	2600.000	1500	50.222

Lampiran 3 (Perhitungan CBR X3)

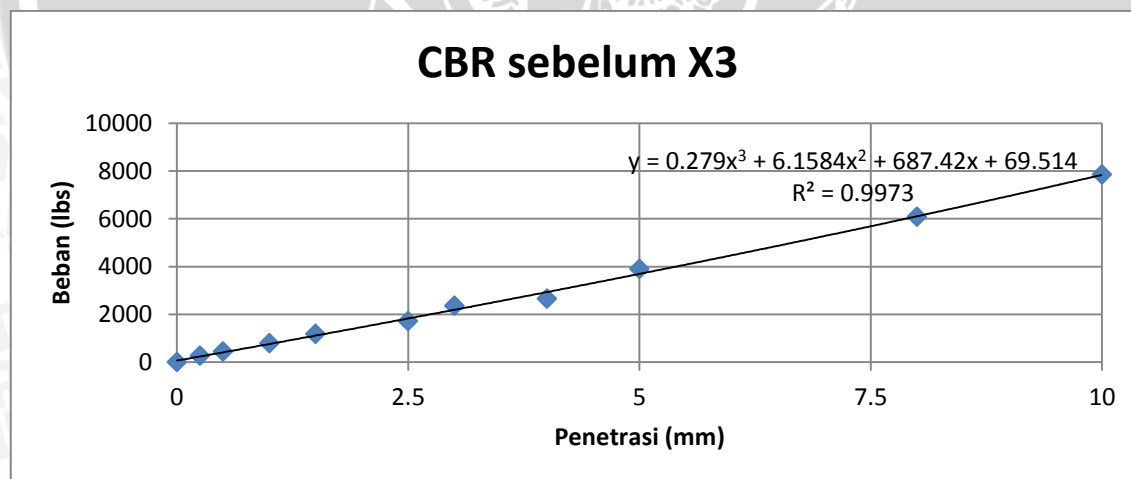
X3 sebelum dilakukan percobaan

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	5.5	269.61
0.5	0.0197	9	441.18
1	0.0394	16	784.32
1.5	0.0591	24	1176.48
2.5	0.1	35	1715.7
3	0.1181	48	2352.96
4	0.1575	54	2647.08
5	0.2	79.5	3897.09
8	0.3	124	6078.48
10	0.3937	160	7843.2



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1830.913	1000	60.188
0.2	5	3695.449	1500	80.987

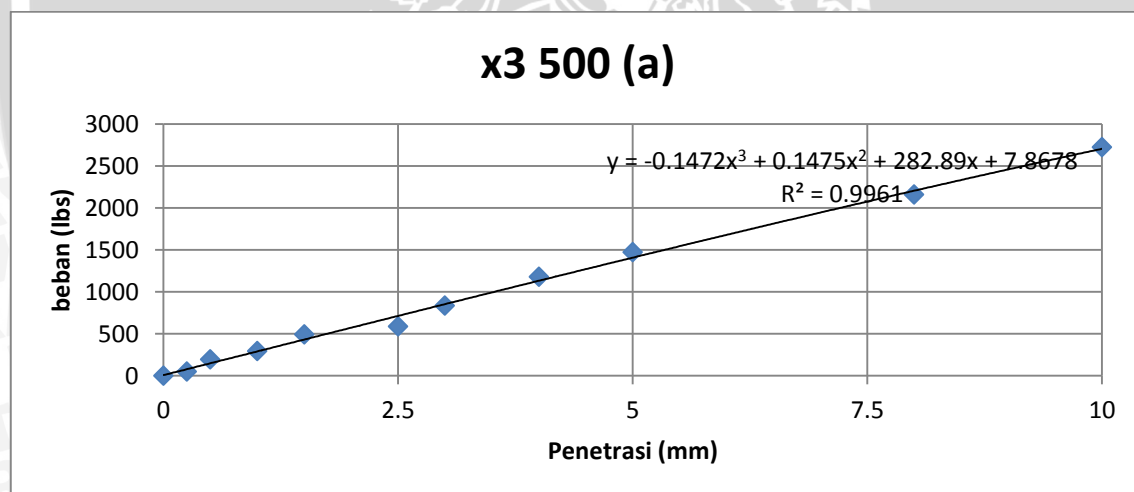
X3 dengan penambahan air 500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	4	196.08
1	0.0394	6	294.12
1.5	0.0591	10	490.2
2.5	0.1	12	588.24
3	0.1181	17	833.34
4	0.1575	24	1176.48
5	0.2	30	1470.6
8	0.3	44	2156.88
10	0.3937	55.5	2720.61



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	713.715	1000	23.462
0.2	5	1407.605	1500	30.848

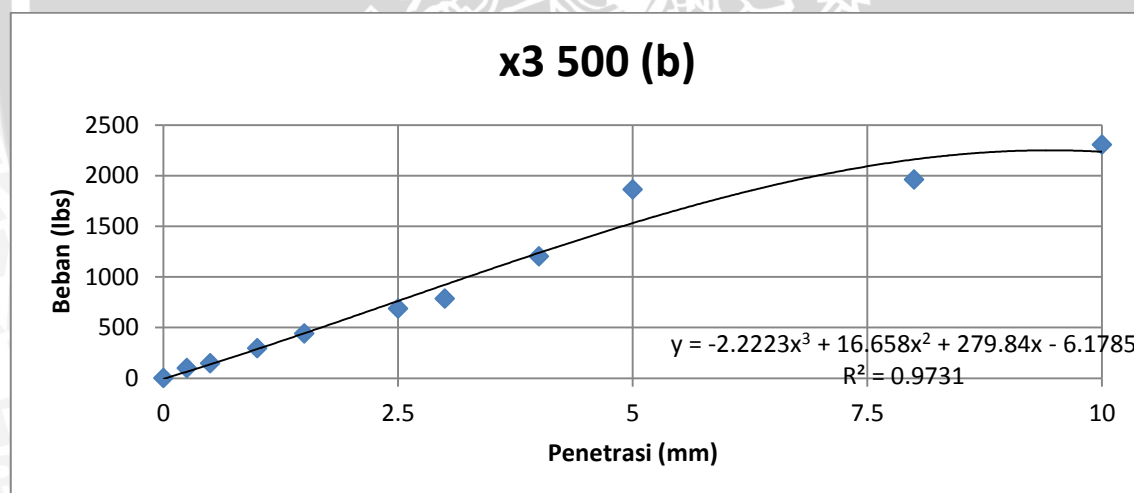
X3 dengan penambahan air 500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	3	147.06
1	0.0394	6	294.12
1.5	0.0591	9	441.18
2.5	0.1	14	686.28
3	0.1181	16	784.32
4	0.1575	24.5	1200.99
5	0.2	38	1862.76
8	0.3	40	1960.8
10	0.3937	47	2303.94



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	769.899	1000	25.309
0.2	5	1537.844	1500	33.702

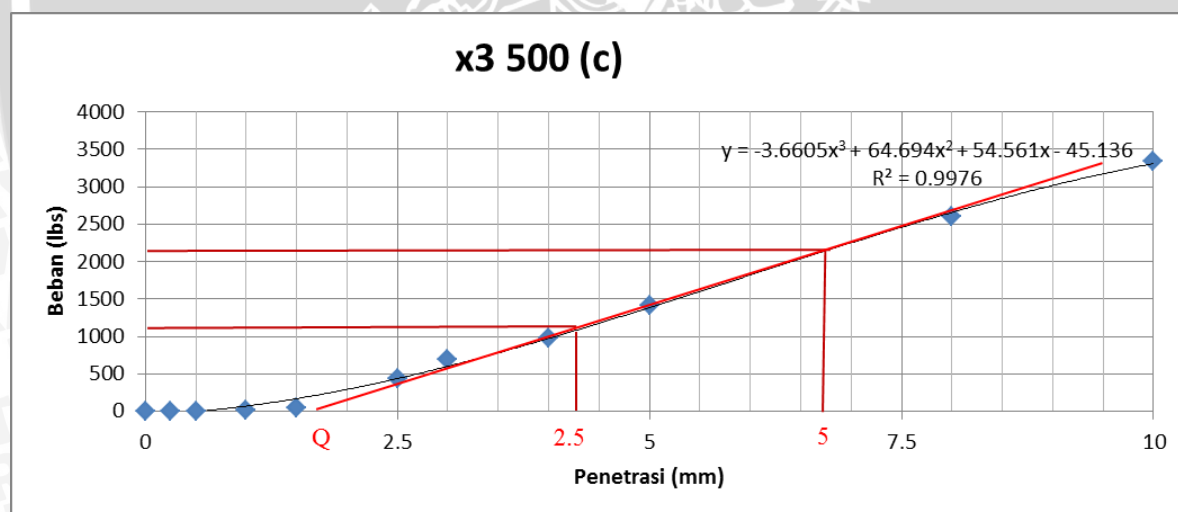
X3 dengan penambahan air 500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	0	0
0.5	0.0197	0	0
1	0.0394	0.5	24.51
1.5	0.0591	1	49.02
2.5	0.1	9	441.18
3	0.1181	14	686.28
4	0.1575	20	980.4
5	0.2	29	1421.58
8	0.3	53	2598.06
10	0.3937	68	3333.36



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1100.000	1000	14.412
0.2	5	2100.000	1500	30.407

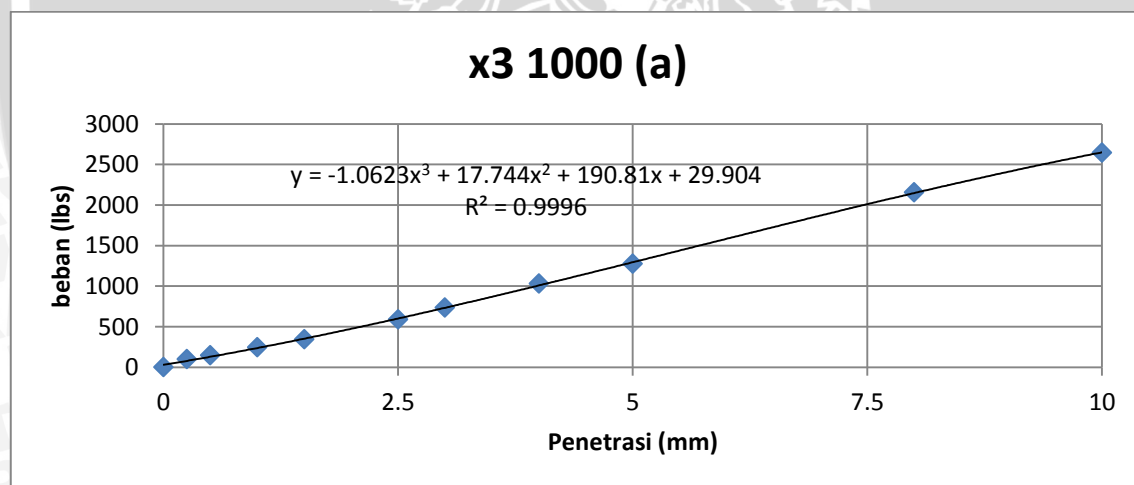
X3 dengan penambahan air 1000 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	3	147.06
1	0.0394	5	245.1
1.5	0.0591	7	343.14
2.5	0.1	12	588.24
3	0.1181	15	735.3
4	0.1575	21	1029.42
5	0.2	26	1274.52
8	0.3	44	2156.88
10	0.3937	54	2647.08



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	601.231	1000	19.764
0.2	5	1294.767	1500	28.375

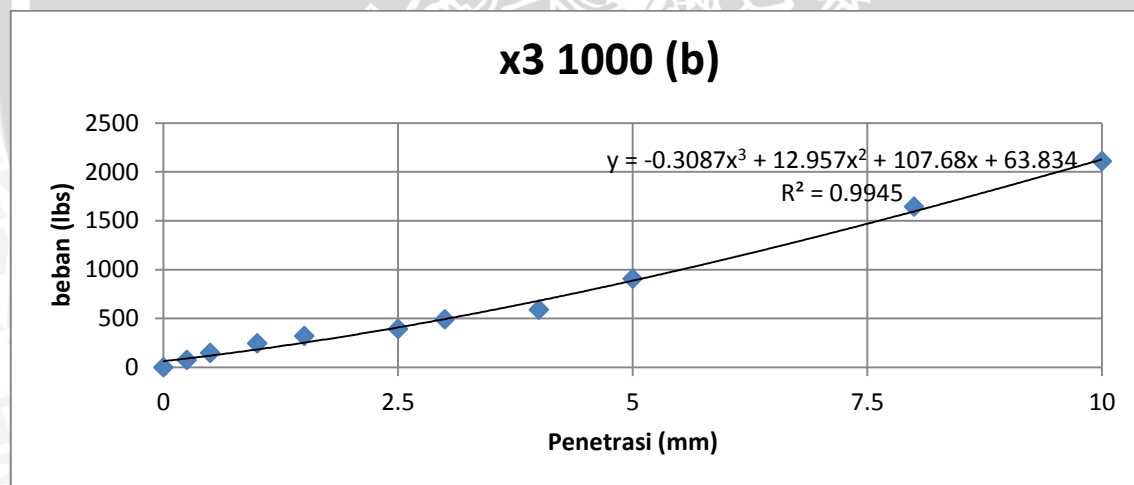
X3 dengan penambahan air 1000 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1.5	73.53
0.5	0.0197	3	147.06
1	0.0394	5	245.1
1.5	0.0591	6.5	318.63
2.5	0.1	8	392.16
3	0.1181	10	490.2
4	0.1575	12	588.24
5	0.2	18.5	906.87
8	0.3	33.5	1642.17
10	0.3937	43	2107.86



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	409.192	1000	13.451
0.2	5	887.572	1500	19.451

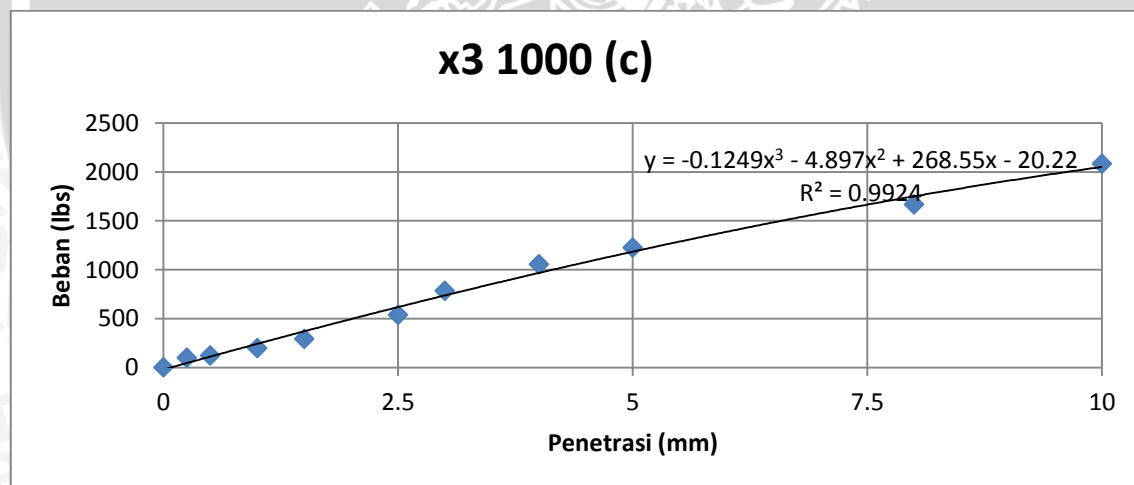
X3 dengan penambahan air 1000 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	2.5	122.55
1	0.0394	4	196.08
1.5	0.0591	6	294.12
2.5	0.1	11	539.22
3	0.1181	16	784.32
4	0.1575	21.5	1053.93
5	0.2	25	1225.5
8	0.3	34	1666.68
10	0.3937	42.5	2083.35



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	641.057	1000	21.074
0.2	5	1232.963	1500	27.021

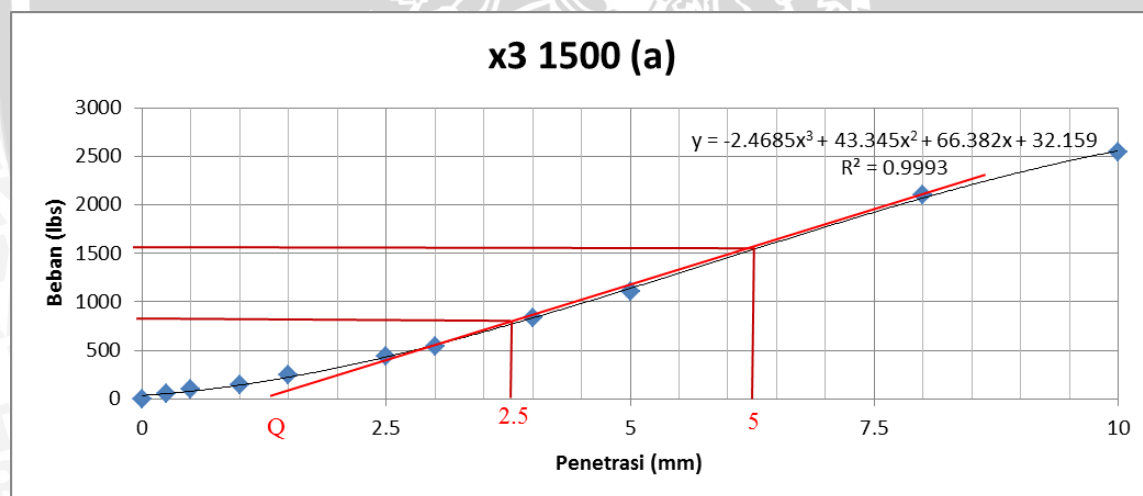
X3 dengan penambahan air 1500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	2	98.04
1	0.0394	3	147.06
1.5	0.0591	5	245.1
2.5	0.1	9	441.18
3	0.1181	11	539.22
4	0.1575	17	833.34
5	0.2	22.5	1102.95
8	0.3	43	2107.86
10	0.3937	52	2549.04



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	750.000	1000	14.150
0.2	5	1550.000	1500	24.965

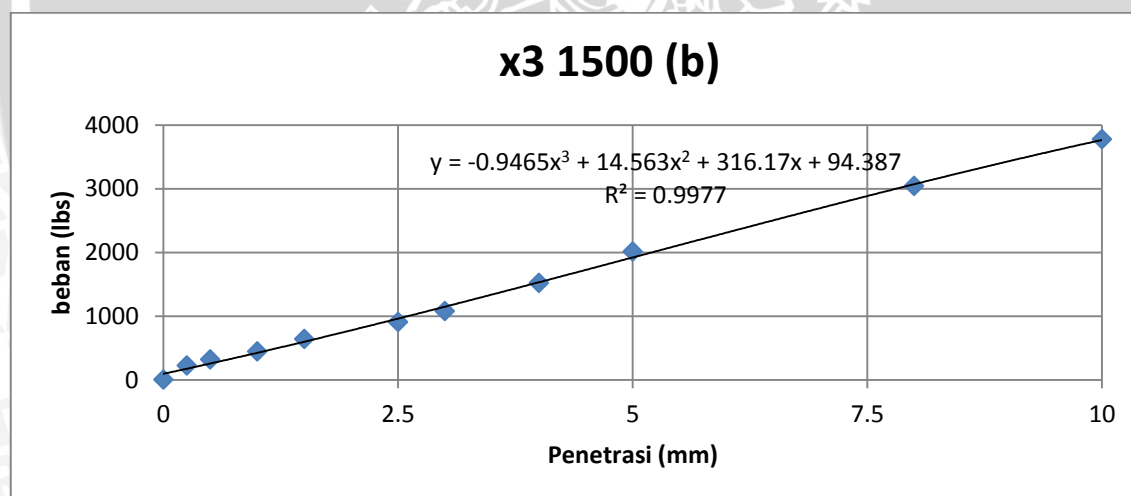
X3 dengan penambahan air 1500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	4.5	220.59
0.5	0.0197	6.5	318.63
1	0.0394	9	441.18
1.5	0.0591	13	637.26
2.5	0.1	18.5	906.87
3	0.1181	22	1078.44
4	0.1575	31	1519.62
5	0.2	41	2009.82
8	0.3	62	3039.24
10	0.3937	77	3774.54



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	961.042	1000	31.592
0.2	5	1921.000	1500	42.099

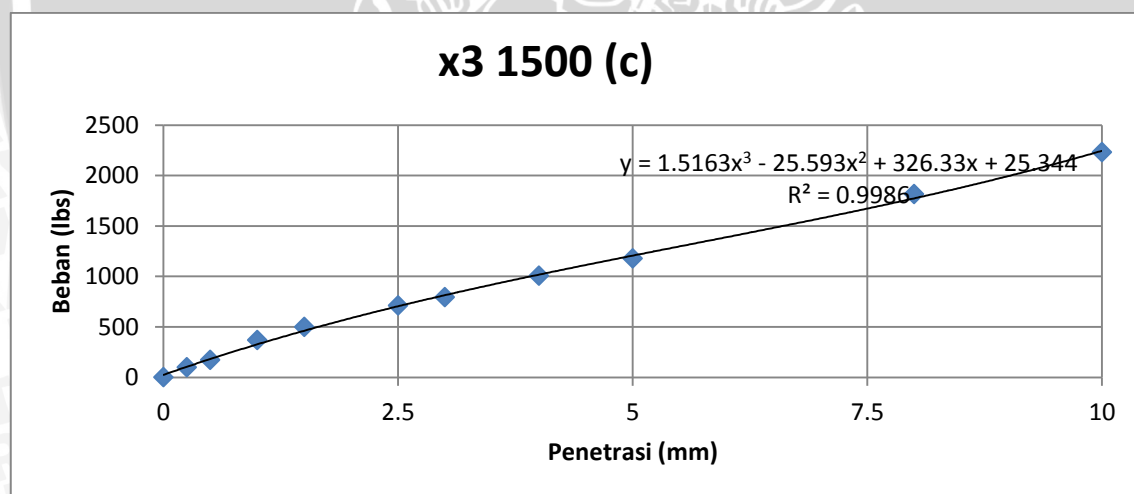
X3 dengan penambahan air 1500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	3.5	171.57
1	0.0394	7.5	367.65
1.5	0.0591	10.2	500.004
2.5	0.1	14.5	710.79
3	0.1181	16.2	794.124
4	0.1575	20.5	1004.91
5	0.2	24	1176.48
8	0.3	37	1813.74
10	0.3937	45.5	2230.41



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	704.905	1000	23.172
0.2	5	1206.707	1500	26.445

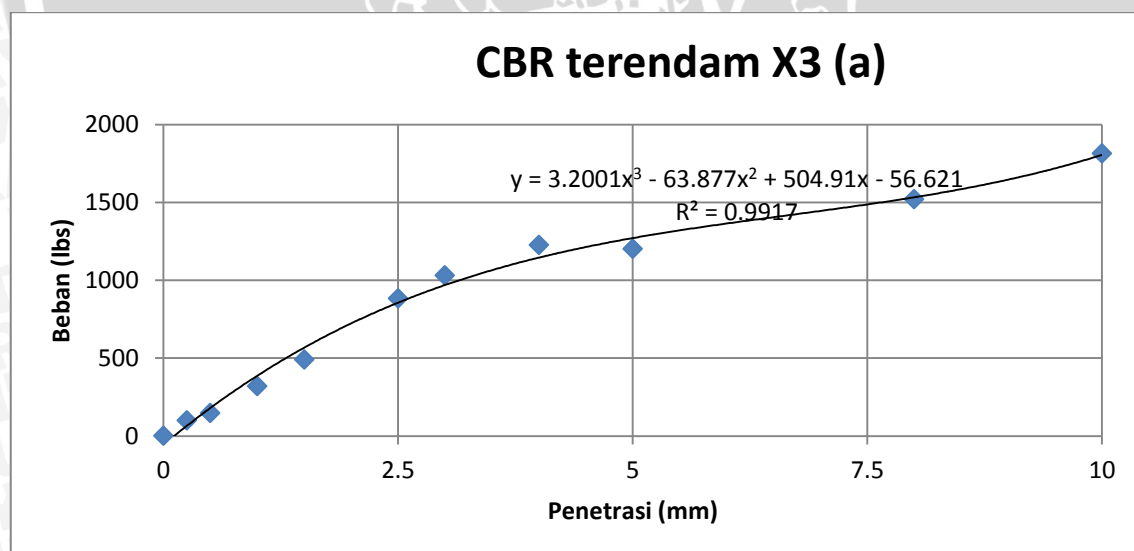
X3 terendam (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	3	147.06
1	0.0394	6.5	318.63
1.5	0.0591	10	490.2
2.5	0.1	18	882.36
3	0.1181	21	1029.42
4	0.1575	25	1225.5
5	0.2	24.5	1200.99
8	0.3	31	1519.62
10	0.3937	37	1813.74



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	883.846	1000	29.055
0.2	5	1282.892	1500	28.115

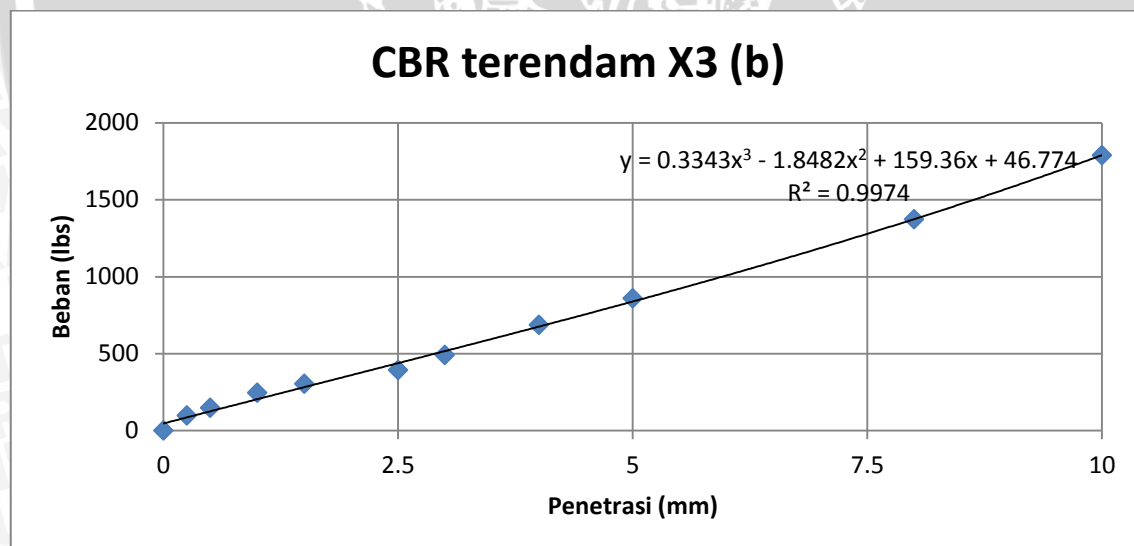
X3 terendam (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	3	147.06
1	0.0394	5	245.1
1.5	0.0591	6.2	303.924
2.5	0.1	8	392.16
3	0.1181	10	490.2
4	0.1575	14	686.28
5	0.2	17.5	857.85
8	0.3	28	1372.56
10	0.3937	36.5	1789.23



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	438.846	1000	14.426
0.2	5	839.157	1500	18.390

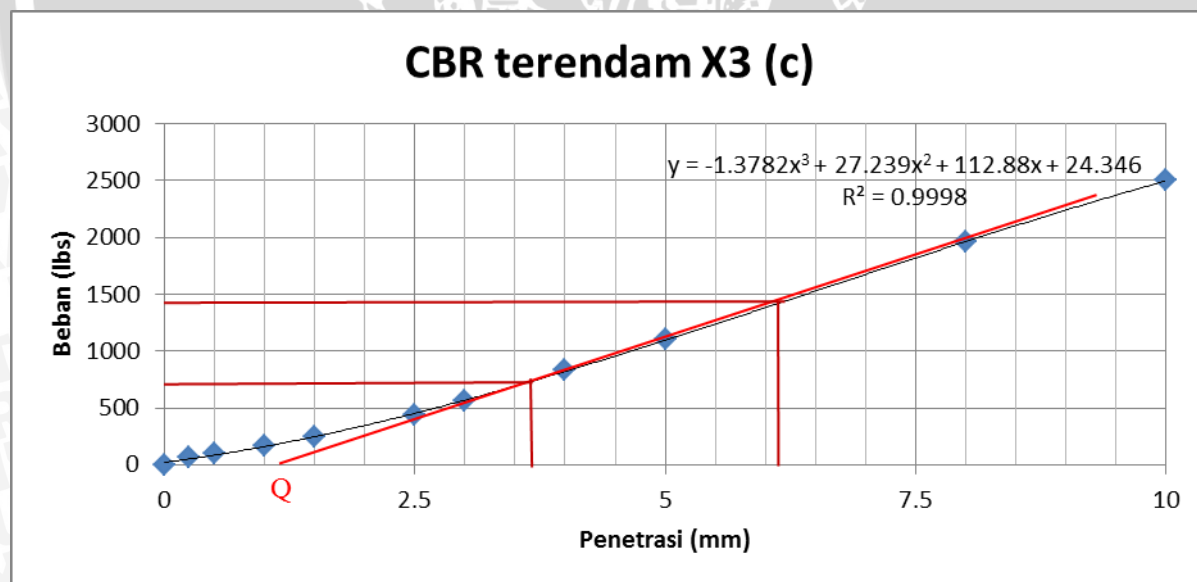
X3 terendam (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1.5	73.53
0.5	0.0197	2	98.04
1	0.0394	3.5	171.57
1.5	0.0591	5	245.1
2.5	0.1	9	441.18
3	0.1181	11.5	563.73
4	0.1575	17	833.34
5	0.2	22.5	1102.95
8	0.3	40	1960.8
10	0.3937	51	2500.02



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	700.000	1000	14.966
0.2	5	1400.000	1500	24.051

Lampiran 4 (Perhitungan CBR BA)

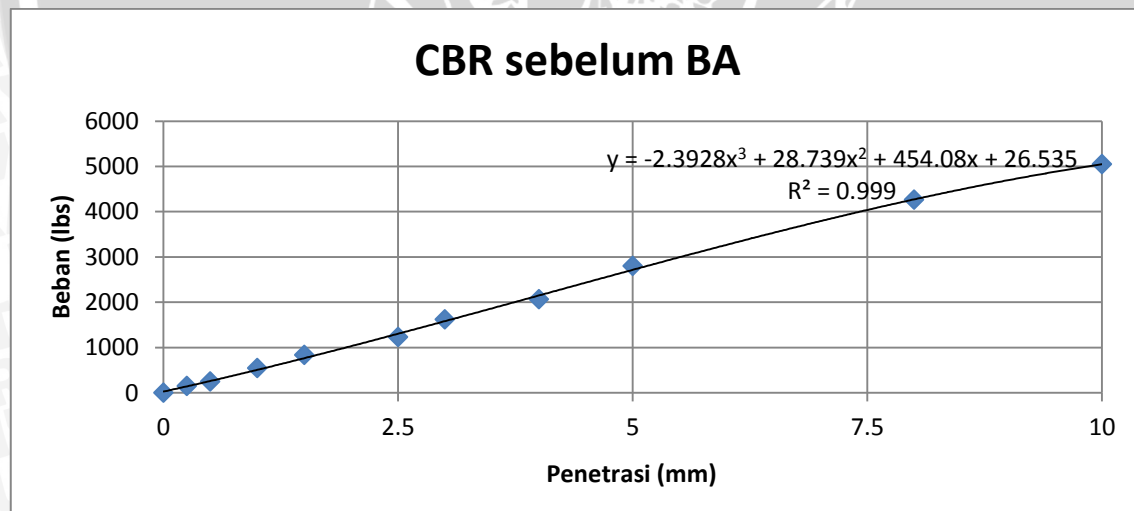
BA sebelum dilakukan percobaan

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	3	147.06
0.5	0.0197	5	245.1
1	0.0394	11	539.22
1.5	0.0591	17	833.34
2.5	0.1	25	1225.5
3	0.1181	33	1617.66
4	0.1575	42	2058.84
5	0.2	57	2794.14
8	0.3	87	4264.74
10	0.3937	103	5049.06



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1303.966	1000	42.865
0.2	5	2716.310	1500	59.529

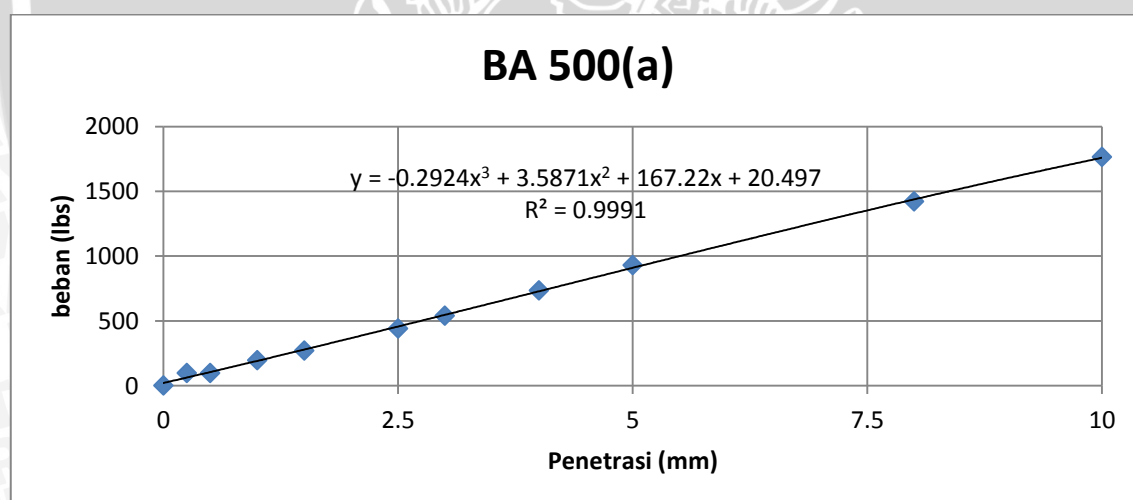
BA dengan penambahan air 500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	2	98.04
1	0.0394	4	196.08
1.5	0.0591	5.5	269.61
2.5	0.1	9	441.18
3	0.1181	11	539.22
4	0.1575	15	735.3
5	0.2	19	931.38
8	0.3	29	1421.58
10	0.3937	36	1764.72



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	456.398	1000	15.003
0.2	5	909.725	1500	19.937

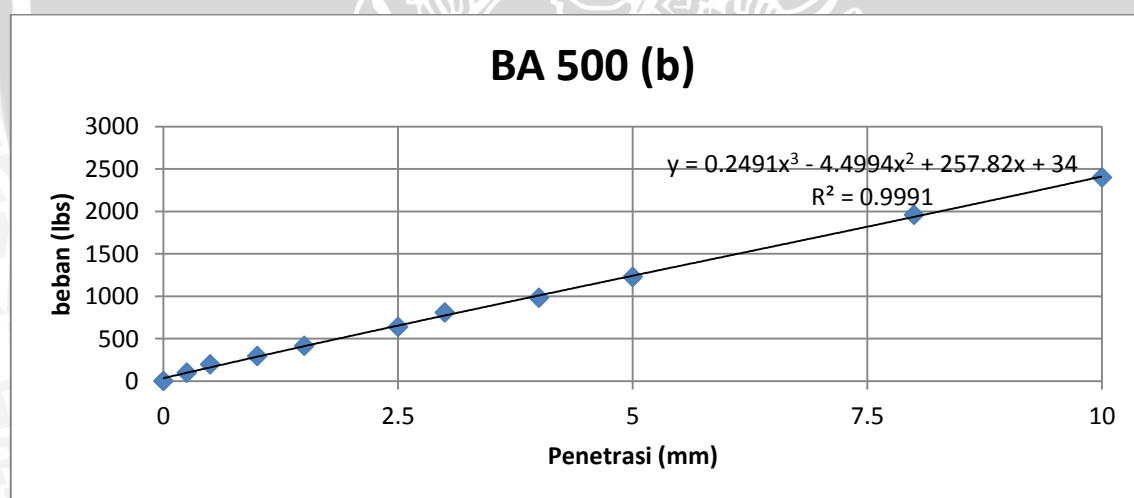
BA dengan penambahan air 500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	4	196.08
1	0.0394	6	294.12
1.5	0.0591	8.5	416.67
2.5	0.1	13	637.26
3	0.1181	16.5	808.83
4	0.1575	20	980.4
5	0.2	25	1225.5
8	0.3	40	1960.8
10	0.3937	49	2401.98



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	702.779	1000	23.103
0.2	5	1404.448	1500	30.779

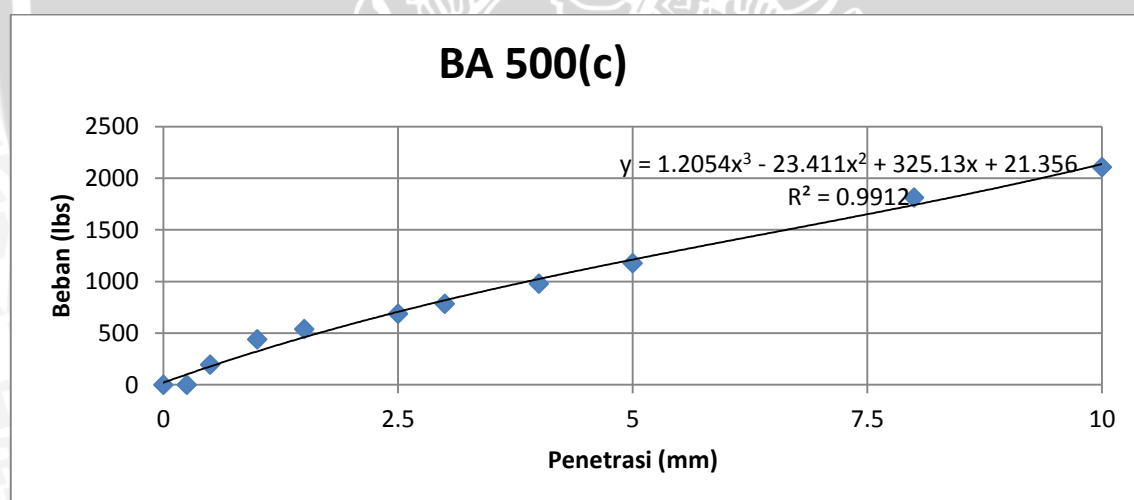
BA dengan penambahan air 500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	0	0
0.5	0.0197	4	196.08
1	0.0394	9	441.18
1.5	0.0591	11	539.22
2.5	0.1	14	686.28
3	0.1181	16	784.32
4	0.1575	20	980.4
5	0.2	24	1176.48
8	0.3	37	1813.74
10	0.3937	43	2107.86



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	706.697	1000	23.231
0.2	5	1212.406	1500	26.570

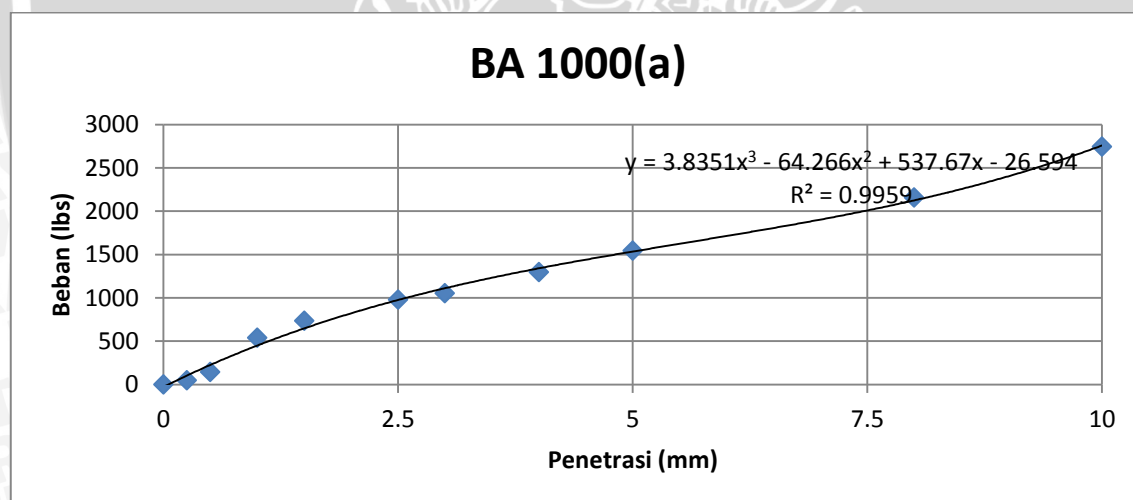
BA dengan penambahan air 1000 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	3	147.06
1	0.0394	11	539.22
1.5	0.0591	15	735.3
2.5	0.1	20	980.4
3	0.1181	21.5	1053.93
4	0.1575	26.5	1299.03
5	0.2	31.5	1544.13
8	0.3	44	2156.88
10	0.3937	56	2745.12



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	990.098	1000	32.548
0.2	5	1543.566	1500	33.828

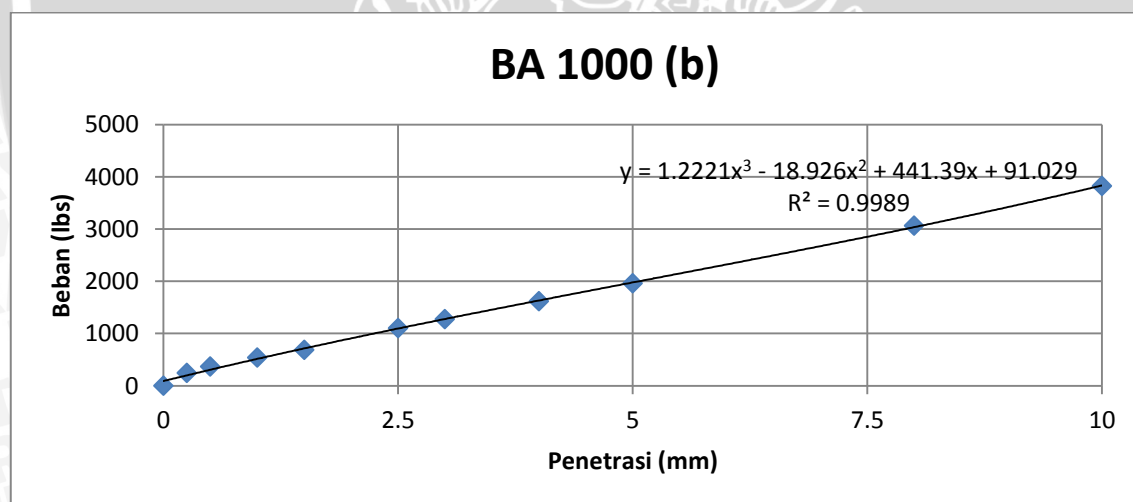
BA dengan penambahan air 1000 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	5	245.1
0.5	0.0197	7.5	367.65
1	0.0394	11	539.22
1.5	0.0591	14	686.28
2.5	0.1	22.5	1102.95
3	0.1181	26	1274.52
4	0.1575	33	1617.66
5	0.2	40	1960.8
8	0.3	62.5	3063.75
10	0.3937	78	3823.56



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1095.312	1000	36.006
0.2	5	1977.592	1500	43.340

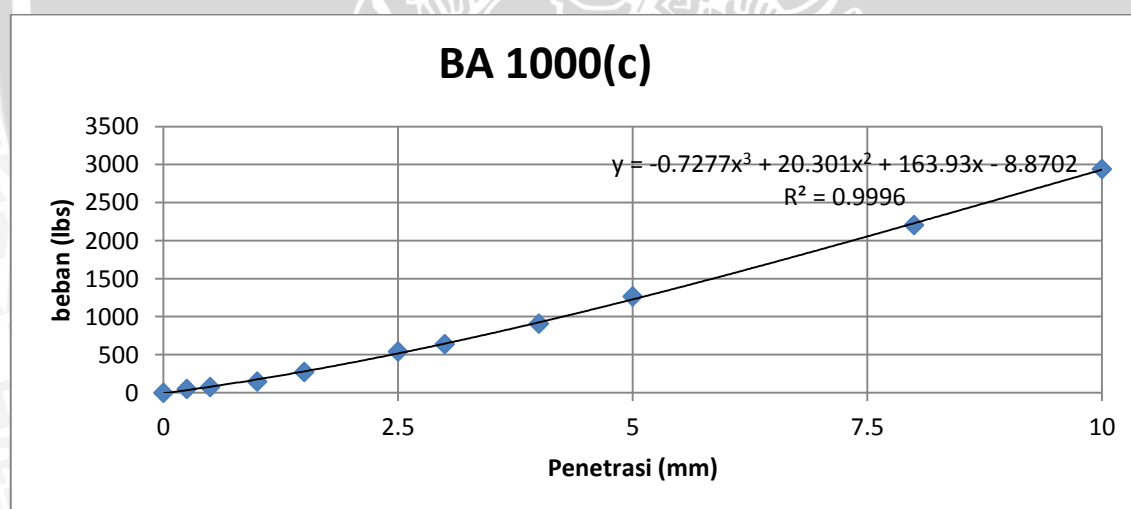
BA dengan penambahan air 1000 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	1.5	73.53
1	0.0394	3	147.06
1.5	0.0591	5.5	269.61
2.5	0.1	11	539.22
3	0.1181	13	637.26
4	0.1575	18.5	906.87
5	0.2	25.8	1264.716
8	0.3	45	2205.9
10	0.3937	60	2941.2



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.55375	530.042	1000	17.424
0.2	5.05375	1244.159	1500	27.266

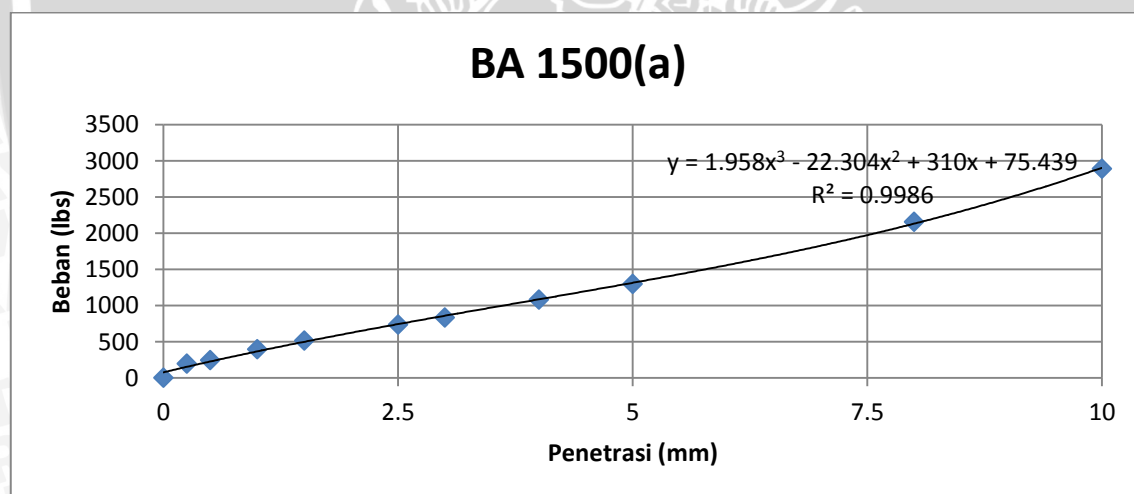
BA dengan penambahan air 1500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	4	196.08
0.5	0.0197	5	245.1
1	0.0394	8	392.16
1.5	0.0591	10.5	514.71
2.5	0.1	15	735.3
3	0.1181	17	833.34
4	0.1575	22	1078.44
5	0.2	26.5	1299.03
8	0.3	44	2156.88
10	0.3937	59	2892.18



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	741.633	1000	24.380
0.2	5	1312.589	1500	28.766

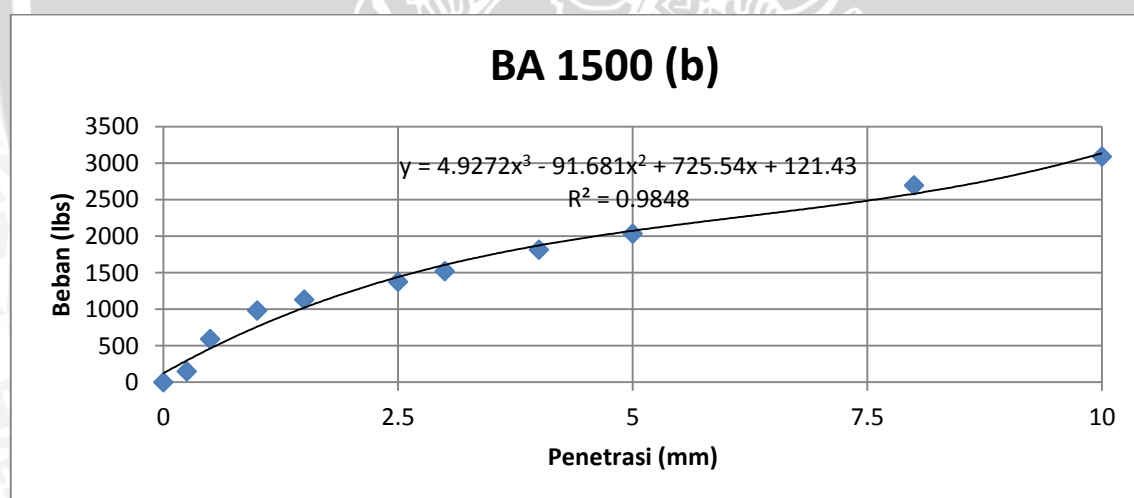
BA dengan penambahan air 1500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	3	147.06
0.5	0.0197	12	588.24
1	0.0394	20	980.4
1.5	0.0591	23	1127.46
2.5	0.1	28	1372.56
3	0.1181	31	1519.62
4	0.1575	37	1813.74
5	0.2	41.5	2034.33
8	0.3	55	2696.1
10	0.3937	63	3088.26



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1439.261	1000	47.313
0.2	5	2073.005	1500	45.431

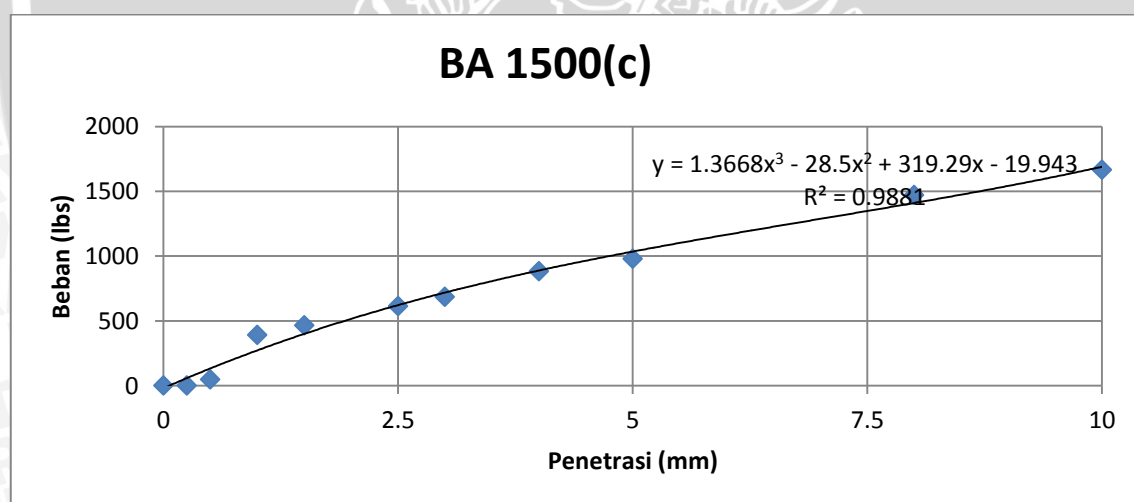
BA dengan penambahan air 1500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	0	0
0.5	0.0197	1	49.02
1	0.0394	8	392.16
1.5	0.0591	9.5	465.69
2.5	0.1	12.5	612.75
3	0.1181	14	686.28
4	0.1575	18	882.36
5	0.2	20	980.4
8	0.3	30	1470.6
10	0.3937	34	1666.68



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	634.155	1000	20.847
0.2	5	1043.418	1500	22.867

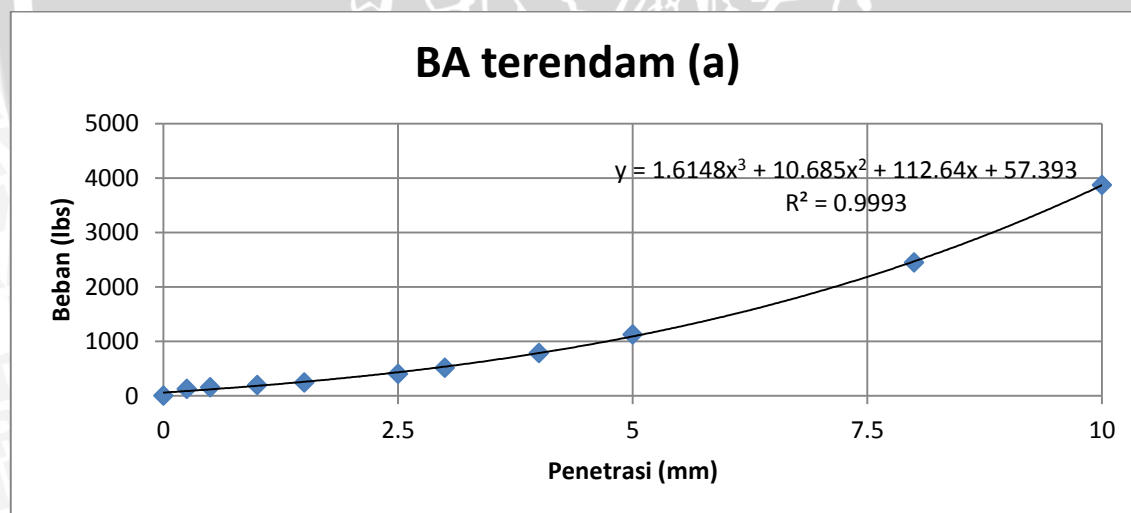
BA terendam (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2.5	122.55
0.5	0.0197	3.2	156.864
1	0.0394	4	196.08
1.5	0.0591	5	245.1
2.5	0.1	8.2	401.964
3	0.1181	10.5	514.71
4	0.1575	16	784.32
5	0.2	23	1127.46
8	0.3	50	2451
10	0.3937	79	3872.58



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	431.006	1000	14.168
0.2	5	1089.568	1500	23.878

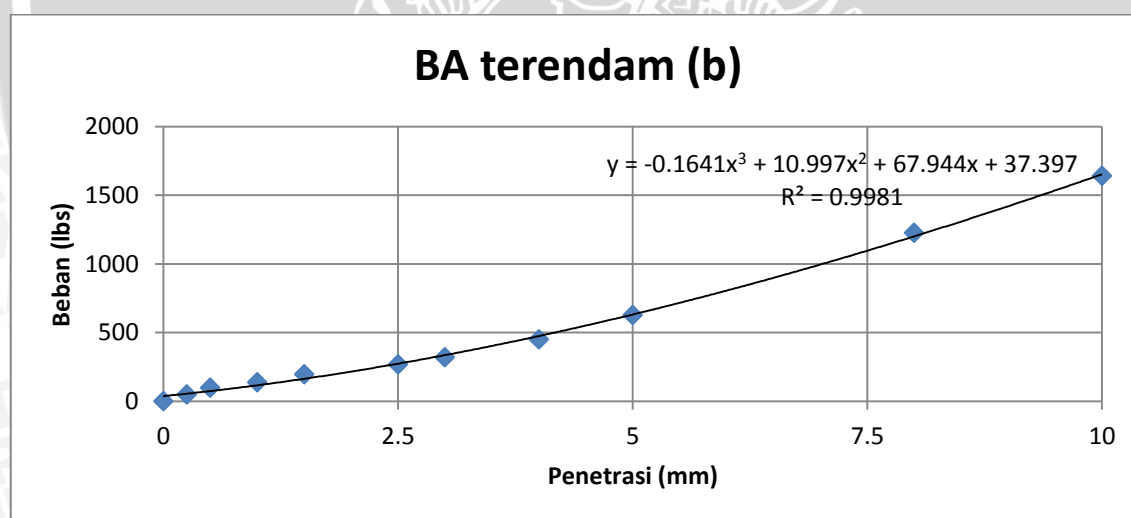
BA terendam (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	2	98.04
1	0.0394	2.8	137.256
1.5	0.0591	4	196.08
2.5	0.1	5.5	269.61
3	0.1181	6.5	318.63
4	0.1575	9.2	450.984
5	0.2	12.8	627.456
8	0.3	25	1225.5
10	0.3937	33.5	1642.17



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	273.424	1000	8.988
0.2	5	631.530	1500	13.840

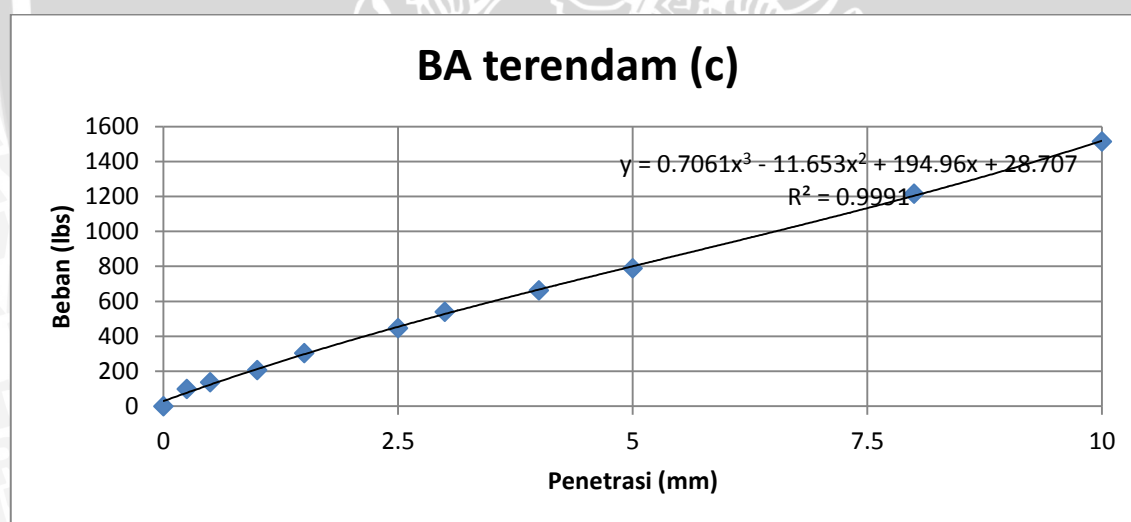
BA terendam (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	2.8	137.256
1	0.0394	4.2	205.884
1.5	0.0591	6.2	303.924
2.5	0.1	9.1	446.082
3	0.1181	11	539.22
4	0.1575	13.5	661.77
5	0.2	16.1	789.222
8	0.3	24.8	1215.696
10	0.3937	30.9	1514.718



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	454.309	1000	14.935
0.2	5	800.445	1500	17.542

Lampiran 5 (Perhitungan CBR BB)

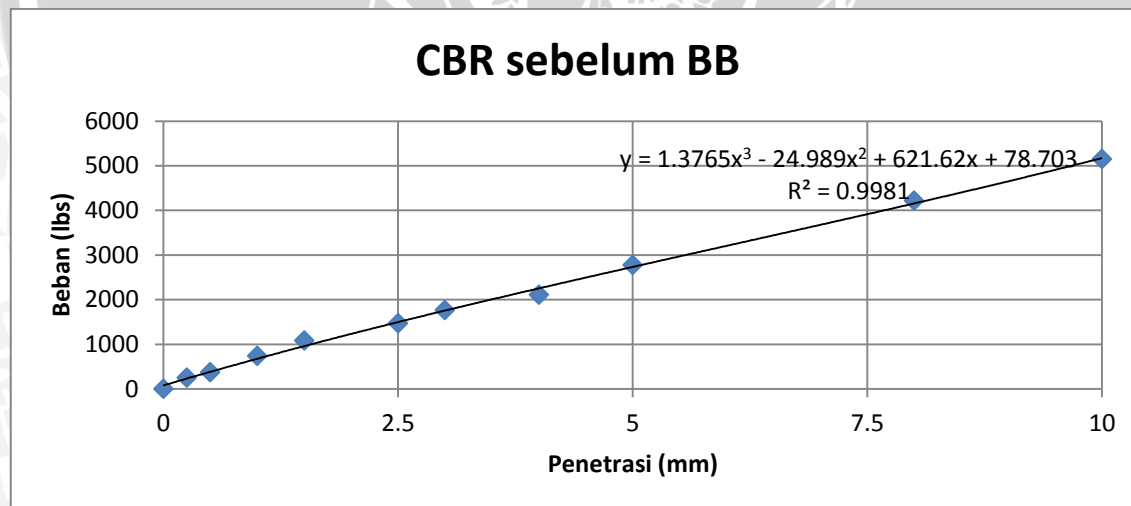
BB sebelum dilakukan percobaan

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	5	245.1
0.5	0.0197	7.5	367.65
1	0.0394	15	735.3
1.5	0.0591	22	1078.44
2.5	0.1	30	1470.6
3	0.1181	36	1764.72
4	0.1575	43	2107.86
5	0.2	56.5	2769.63
8	0.3	86	4215.72
10	0.3937	105	5147.1



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1498.080	1000	49.247
0.2	5	2734.141	1500	59.920

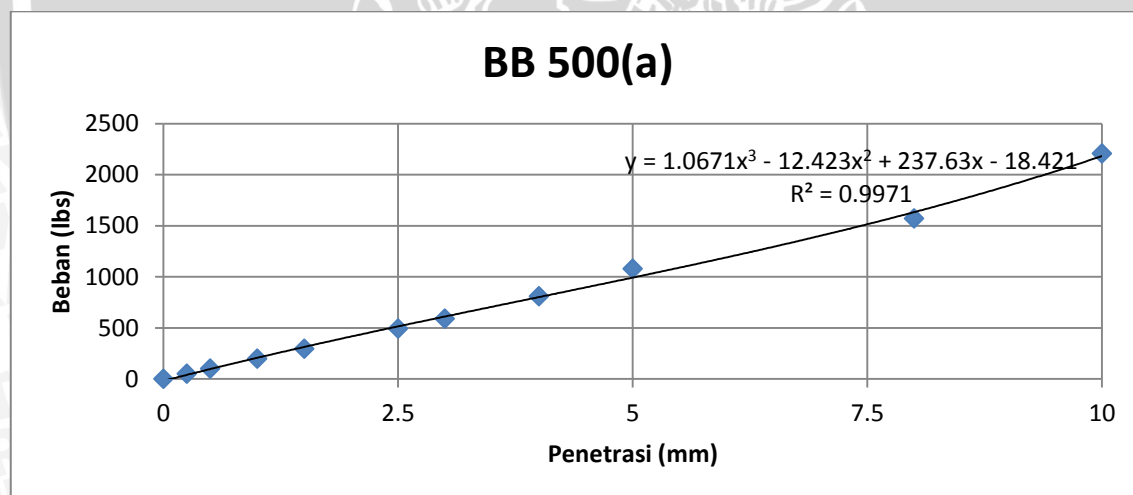
BB dengan penambahan air 500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	2	98.04
1	0.0394	4	196.08
1.5	0.0591	6	294.12
2.5	0.1	10	490.2
3	0.1181	12	588.24
4	0.1575	16.5	808.83
5	0.2	22	1078.44
8	0.3	32	1568.64
10	0.3937	45	2205.9



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	529.875	1000	17.419
0.2	5	1007.619	1500	22.082

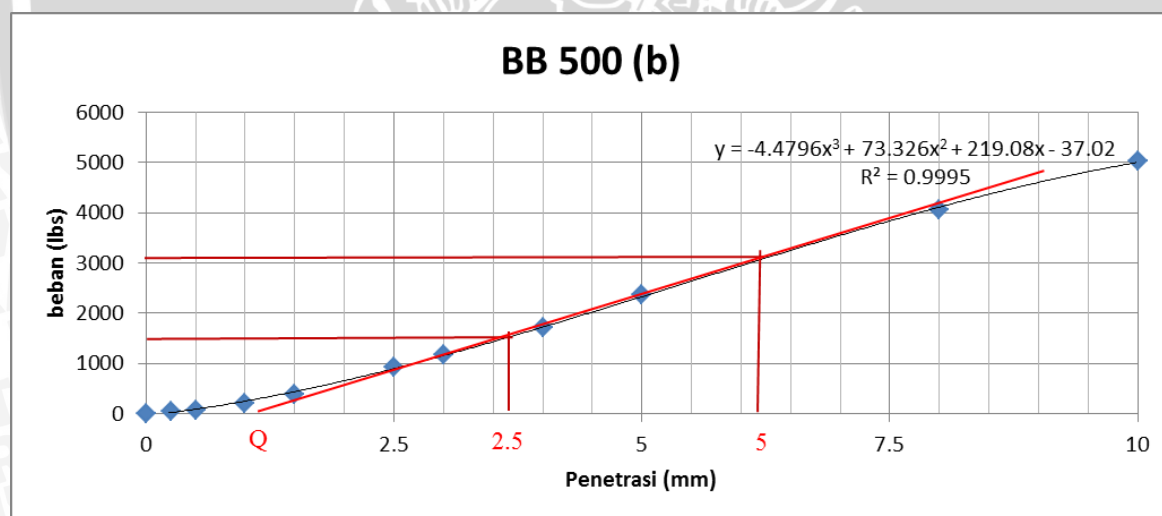
BB dengan penambahan air 500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	1.5	73.53
1	0.0394	4	196.08
1.5	0.0591	8	392.16
2.5	0.1	19	931.38
3	0.1181	24	1176.48
4	0.1575	35	1715.7
5	0.2	48.5	2377.47
8	0.3	83	4068.66
10	0.3937	102.5	5024.55



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1450.000	1000	32.231
0.2	5	3050.000	1500	53.268

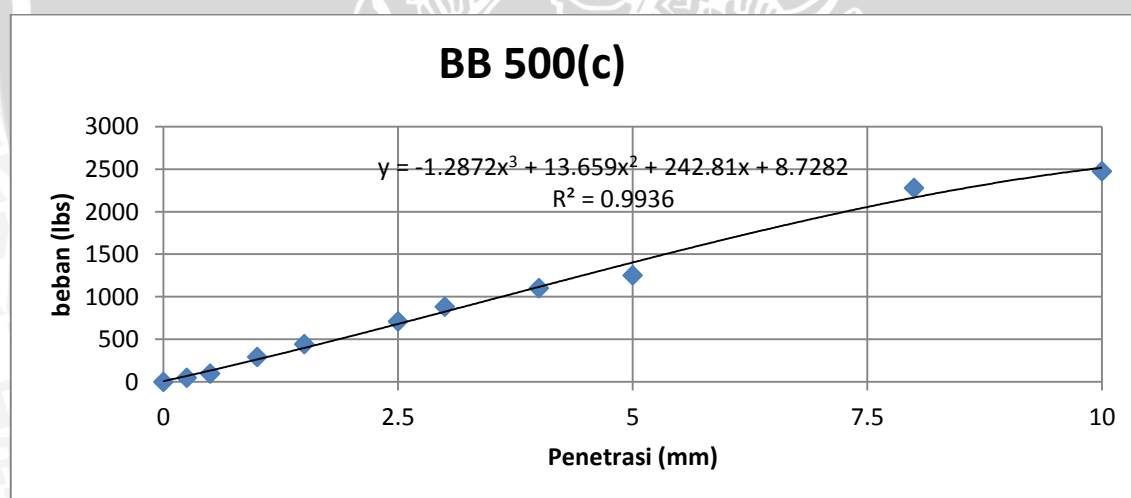
BB dengan penambahan air 500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	2	98.04
1	0.0394	6	294.12
1.5	0.0591	9	441.18
2.5	0.1	14.5	710.79
3	0.1181	18	882.36
4	0.1575	22.5	1102.95
5	0.2	25.5	1250.01
8	0.3	46.5	2279.43
10	0.3937	50.5	2475.51



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	681.009	1000	22.387
0.2	5	1403.353	1500	30.755

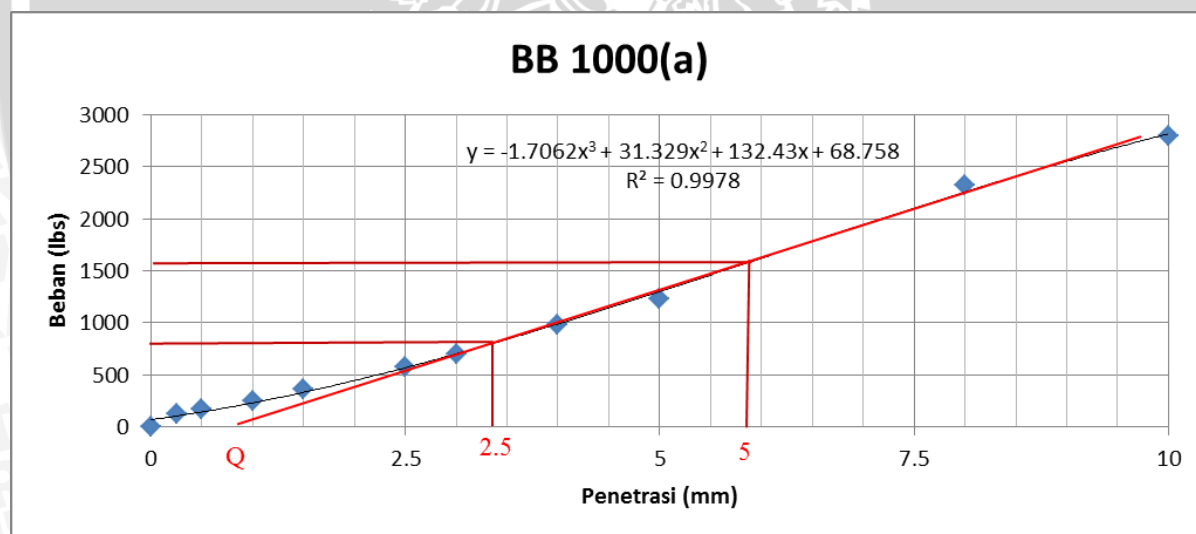
BB dengan penambahan air 1000 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2.5	122.55
0.5	0.0197	3.5	171.57
1	0.0394	5	245.1
1.5	0.0591	7.5	367.65
2.5	0.1	11.8	578.436
3	0.1181	14.4	705.888
4	0.1575	20	980.4
5	0.2	25	1225.5
8	0.3	47.5	2328.45
10	0.3937	57	2794.14



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	750.000	1000	18.704
0.2	5	1550.000	1500	28.509

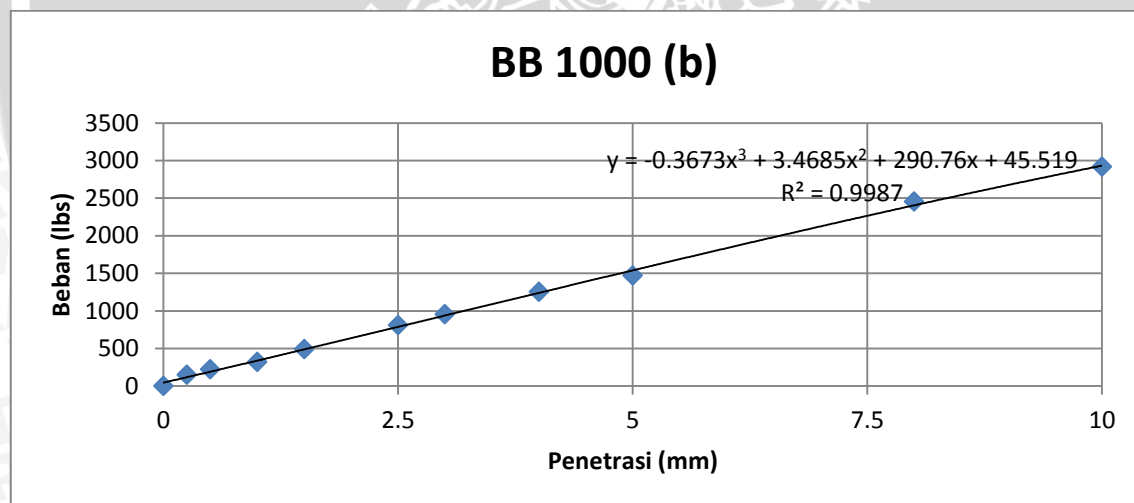
BB dengan penambahan air 1000 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	3	147.06
0.5	0.0197	4.5	220.59
1	0.0394	6.5	318.63
1.5	0.0591	10	490.2
2.5	0.1	16.5	808.83
3	0.1181	19.5	955.89
4	0.1575	25.5	1250.01
5	0.2	30	1470.6
8	0.3	50	2451
10	0.3937	59.5	2916.69



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	788.358	1000	25.916
0.2	5	1540.119	1500	33.752

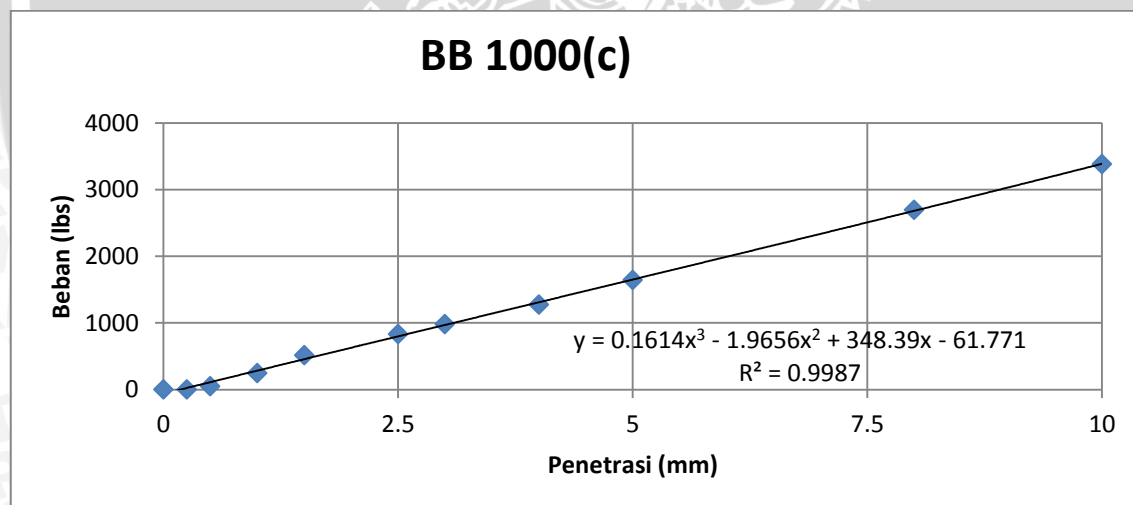
BB dengan penambahan air 1000 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	0	0
0.5	0.0197	1	49.02
1	0.0394	5	245.1
1.5	0.0591	10.5	514.71
2.5	0.1	17	833.34
3	0.1181	20	980.4
4	0.1575	26	1274.52
5	0.2	33.5	1642.17
8	0.3	55	2696.1
10	0.3937	69	3382.38



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.67748	860.043	1000	28.272
0.2	5.17748	1711.721	1500	37.513

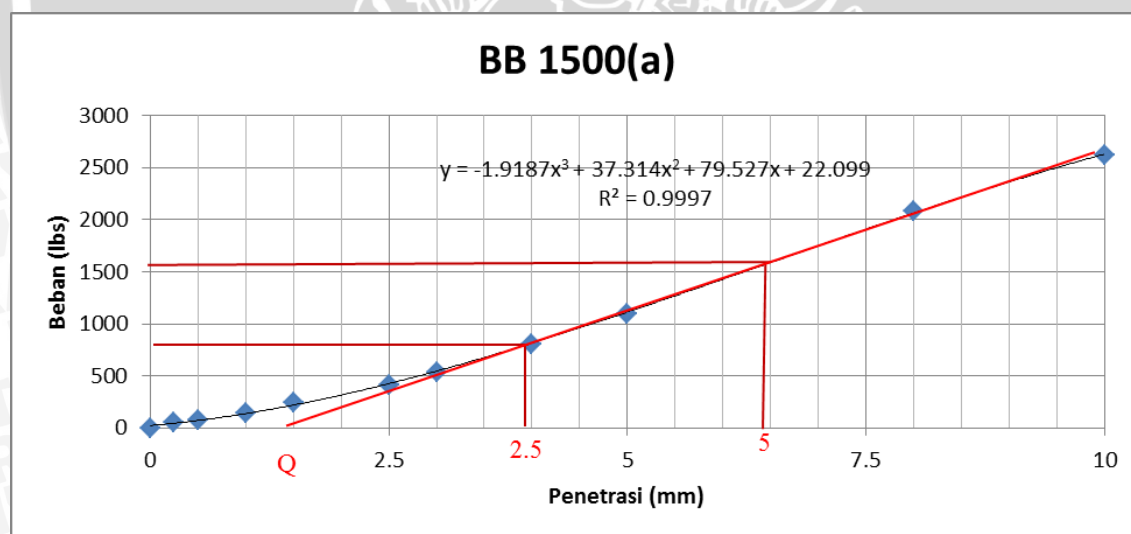
BB dengan penambahan air 1500 ml (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	1	49.02
0.5	0.0197	1.5	73.53
1	0.0394	3	147.06
1.5	0.0591	5	245.1
2.5	0.1	8.5	416.67
3	0.1181	11	539.22
4	0.1575	16.5	808.83
5	0.2	22.4	1098.048
8	0.3	42.5	2083.35
10	0.3937	53.5	2622.57



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	800.000	1000	13.943
0.2	5	1600.000	1500	24.386

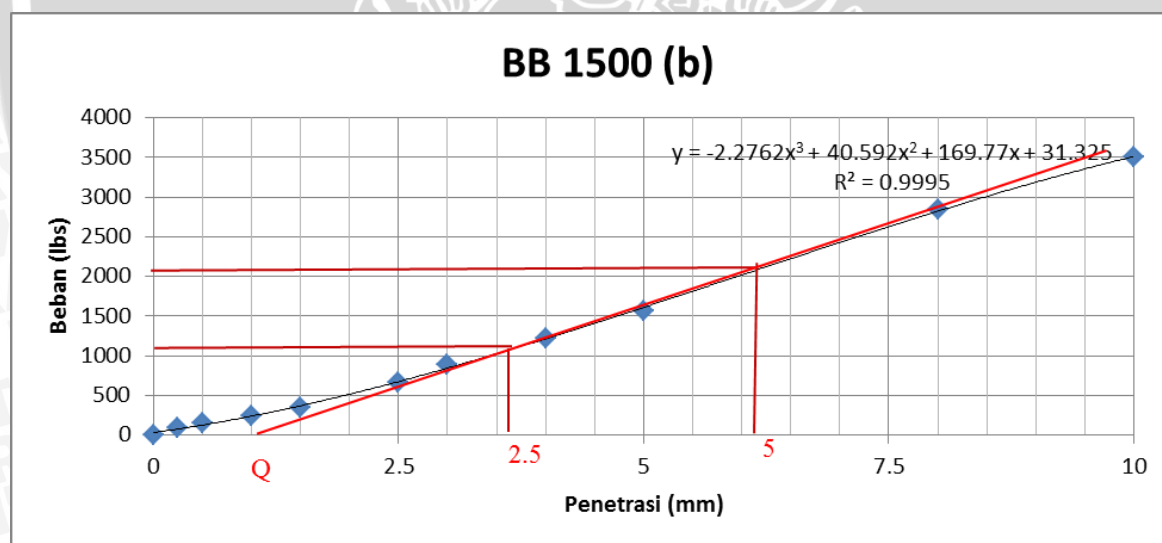
BB dengan penambahan air 1500 ml (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	3	147.06
1	0.0394	5	245.1
1.5	0.0591	7	343.14
2.5	0.1	13.5	661.77
3	0.1181	18	882.36
4	0.1575	25	1225.5
5	0.2	32	1568.64
8	0.3	58	2843.16
10	0.3937	71.5	3504.93



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1050.000	1000	22.153
0.2	5	2100.000	1500	35.294

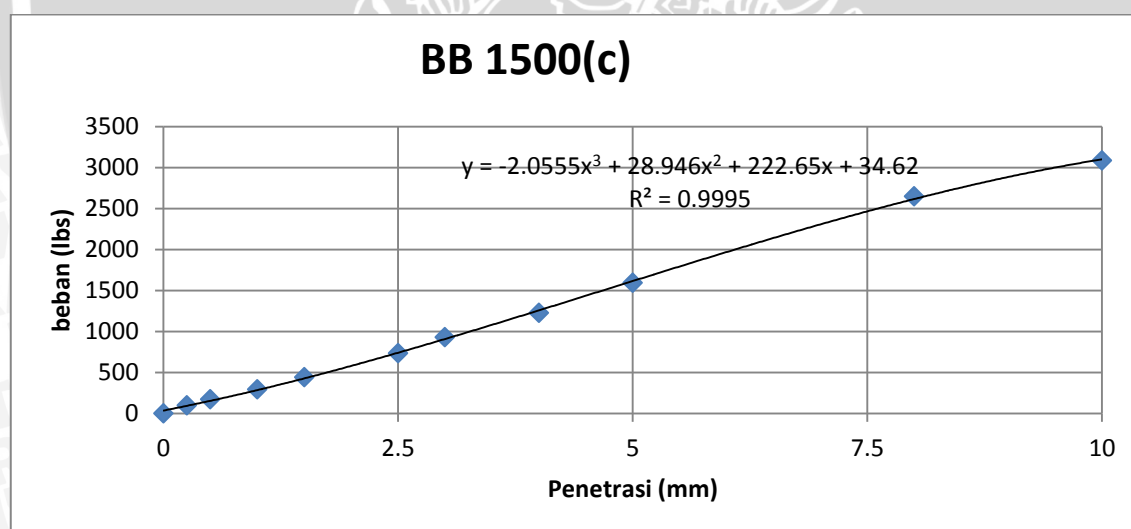
BB dengan penambahan air 1500 ml (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	3.5	171.57
1	0.0394	6	294.12
1.5	0.0591	9	441.18
2.5	0.1	15	735.3
3	0.1181	19	931.38
4	0.1575	25	1225.5
5	0.2	32.5	1593.15
8	0.3	54	2647.08
10	0.3937	63	3088.26



Penetrasi inch	Penetrasi mm	load (lb)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	740.040	1000	24.327
0.2	5	1614.583	1500	35.384

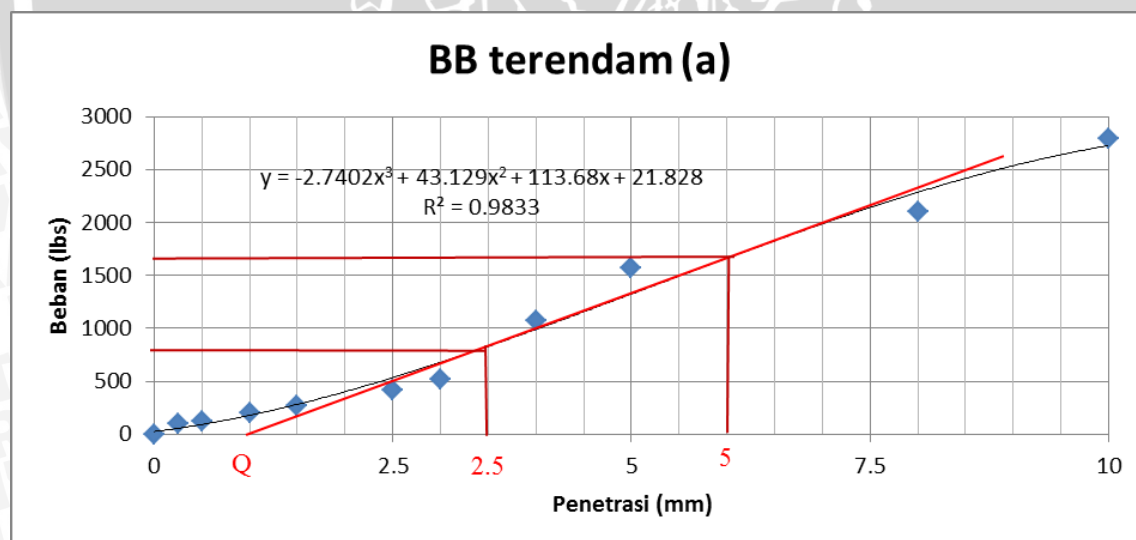
BB terendam (a)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	2.5	122.55
1	0.0394	4	196.08
1.5	0.0591	5.5	269.61
2.5	0.1	8.5	416.67
3	0.1181	10.5	514.71
4	0.1575	22	1078.44
5	0.2	32	1568.64
8	0.3	43	2107.86
10	0.3937	57	2794.14



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	750.000	1000	17.514
0.2	5	1600.000	1500	29.058

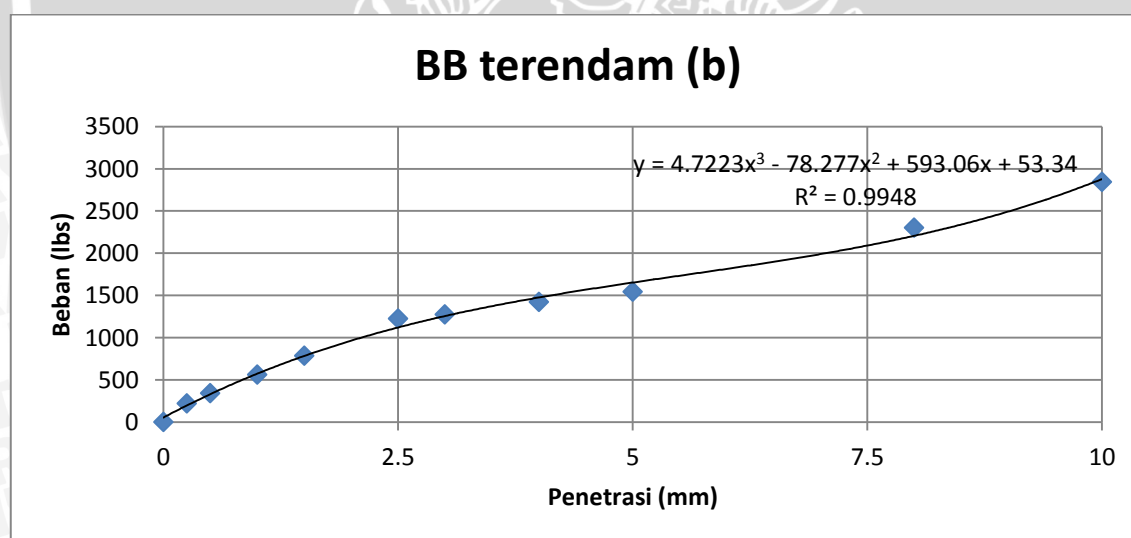
BB terendam (b)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	4.5	220.59
0.5	0.0197	7	343.14
1	0.0394	11.5	563.73
1.5	0.0591	16	784.32
2.5	0.1	25	1225.5
3	0.1181	26	1274.52
4	0.1575	29	1421.58
5	0.2	31.5	1544.13
8	0.3	47	2303.94
10	0.3937	58	2843.16



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1120.545	1000	36.836
0.2	5	1652.003	1500	36.204

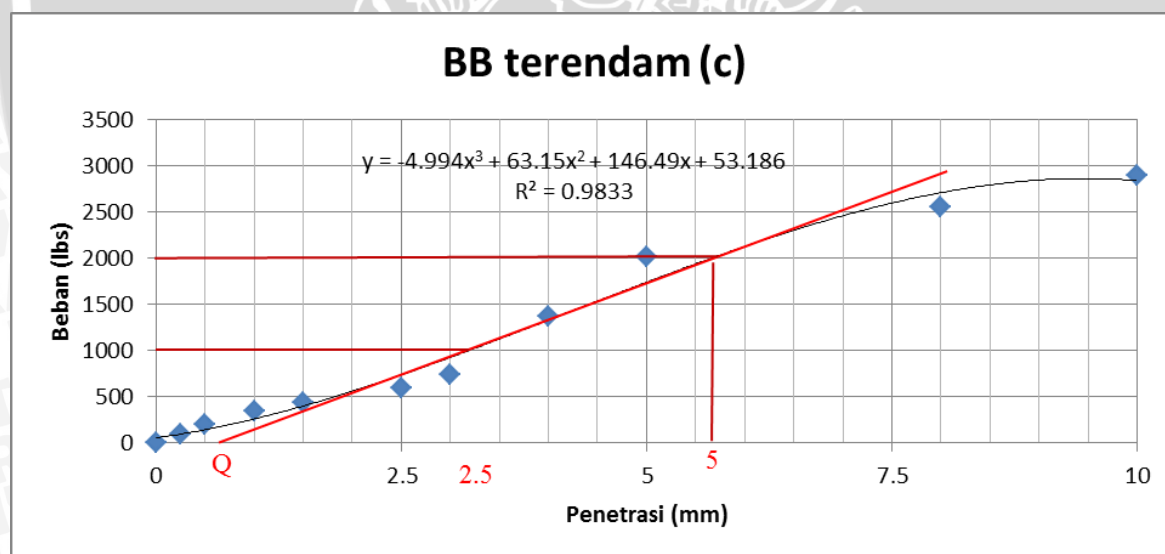
BB terendam (c)

Unit load = 0.01 mm

Kalibrasi = 49.02 Lbs/div

A = 3.42 inch²

Penetrasi mm	Penetrasi inch	Pembacaan proving ring	Beban (Lbs)
0	0.0000	0	0
0.25	0.0098	2	98.04
0.5	0.0197	4	196.08
1	0.0394	7	343.14
1.5	0.0591	9	441.18
2.5	0.1	12	588.24
3	0.1181	15	735.3
4	0.1575	28	1372.56
5	0.2	41	2009.82
8	0.3	52	2549.04
10	0.3937	59	2892.18



Penetrasi inch	Penetrasi mm	load (lbs)	Beban std (lb/inch ²)	CBR (%)
0.1	2.5	1000.000	1000	24.197
0.2	5	2000.000	1500	38.136

Lampiran 6 (Rekap Nilai CBR Setelah Pengaliran Air)

GRADASI	volume	CBR (%)	RATA-RATA
X1	500	50.358	48.987
X1	500	48.178	
X1	500	48.425	
X1	1000	45.527	44.342
X1	1000	43.792	
X1	1000	43.708	
X1	1500	42.829	41.128
X1	1500	44.553	
X1	1500	36.004	
X2	500	64.233	62.154
X2	500	62.455	
X2	500	59.773	
X2	1000	57.243	57.972
X2	1000	58.702	
X2	1000	46.906	
X2	1500	55.994	53.128
X2	1500	49.072	
X2	1500	54.318	
X3	500	30.848	31.652
X3	500	33.702	
X3	500	30.407	
X3	1000	28.375	27.698
X3	1000	19.451	
X3	1000	27.021	
X3	1500	24.965	25.705
X3	1500	42.099	
X3	1500	26.445	
BA	500	19.937	28.675
BA	500	30.779	
BA	500	26.570	
BA	1000	33.828	27.266
BA	1000	43.340	
BA	1000	27.266	
BA	1500	28.766	25.816
BA	1500	47.313	
BA	1500	22.867	
BB	500	22.082	35.368
BB	500	53.268	
BB	500	30.755	
BB	1000	28.509	33.258
BB	1000	33.752	
BB	1000	37.513	
BB	1500	24.386	31.688
BB	1500	35.294	
BB	1500	35.384	

Lampiran 7 (Rekap Nilai CBR Setelah Perendaman)

GRADASI	CBR (%)	RATA-RATA
X1	34.688	31.070
X1	30.035	
X1	28.486	
X2	65.746	52.761
X2	42.315	
X2	50.222	
X3	29.055	21.221
X3	18.390	
X3	24.051	
BA	23.878	18.420
BA	13.840	
BA	17.542	
BB	29.058	34.677
BB	36.836	
BB	38.136	

Lampiran 8 (Dokumentasi Penelitian)

