

7.4 Figure 2.2 Location Map
(Manggarai-Jatinegara-Bekasi-Cikarang)

Scale: 1/2000
Reduced to 70% of Scale

Including Table 1-3a and 1-3b
List of Machine Boring Survey and Dutch Cone Penetration Test
(Stage 1 and 2)

TABLE 1-3a LIST OF MACHINE BORING SURVEY

1

BH NO.	Km	COORDINATE		ELEVATION h	DEPTH OF BH. (m)	G.W.L GL-(m)	SPT	UD Sample	D- Sample	K- Value	Note
		x	y								
1	0-349.59	4,283.253	-880.638	13.241	15.15	-5.25	11	4			
2	0-269.03	4,320.805	-953.328	13.550	13.20	-6.00	11				
3	0-222.35	4,346.157	-992.766	13.531	16.45	-8.80	14			4	
1'	0-140.80	4,387.537	-1063.852	13.590	30.00	-3.00	27	4	4		
4	0-085.98	4,430.025	-1100.201	13.467	20.45	-8.50	15	5		3	
5	0-052.70	4,449.268	-1127.377	13.501	20.45	-9.20	14	6		4	
2'	0-022.58	4,460.661	-1156.773	13.269	25.23	-4.00	22	3	4		
6	0-001.42	4,484.809	-1168.329	13.527	20.45	-8.45	15	5		3	
7	0+116.75	4,570.047	-1247.441	13.453	15.45	-4.00	12				
8	0+218.17	4,587.446	-1362.670	13.397	18.45	-5.75	15	3			
9	0+288.72	4,652.287	-1401.955	13.490	20.25	-6.75	15				
10	0+348.39	4,727.418	-1419.536	13.364	18.24	-5.40	15	4			
11	0+494.41	4,821.504	-1527.329	12.802	25.38	-4.80	22	3			
12	0+560.31	4,855.355	-1590.443	10.616	22.85	-4.50	17	5			
13	0+613.38	4,915.059	-1589.333	12.040	13.77	-3.20	12	1			
14	0+652.87	4,945.329	-1621.576	11.659	20.92	-3.40	18	3		4	
15	0+672.47	4,966.274	-1627.823	9.949	20.45	-3.30	18	3		4	
16	0+738.66	5,032.965	-1627.653	12.542	24.30	-4.04	16	7		4	
17	0+780.90	5,073.399	-1602.643	13.433	20.75	-6.20	17	3			
18	0+830.92	5,124.170	-1605.930	14.421	19.30	-7.06	14			4	
19	0+969.49	5,253.167	-1559.256	12.843	25.00	-3.50	23	3	5		
20	1+113.94	5,387.714	-1501.784	10.777	30.00	-3.00	27	3	3		
21	1+170.10	5,440.359	-1481.113	10.594	30.00	-3.15	26	4	5		
22	1+110.90	5,371.844	-1472.231	10.928	30.00	-3.00	26	3	4		
23	1+170.43	5,430.909	-1457.715	10.799	30.00	-2.50	26	4	3		
24	1+307.84	5,566.285	-1426.386	13.699	25.00	-4.00	23	2	5		
25	1+430.63	5,663.634	-1341.683	15.586	25.00	-6.00	23	2	4		
26	1+491.38	5,735.405	-1481.511	16.611	22.00	-4.70	18	3	2		
27	1+590.98	5,817.670	-1291.424	15.874	25.15	-2.50	23	1	3		
28	1+711.56	5,940.498	-1314.218	14.378	25.15	-4.50	22	1	4		
29	1+811.10	6,029.778	-1352.782	16.717	25.30	-5.00	21	2	3	1	
30	1+782.91	6,024.433	-1300.878	15.988	25.15	-6.50	22	1	4	1	
31	1+899.99	6,114.647	-1385.625	15.571	25.15	-6.00	20	3	3	1	
32	1+994.08	6,183.676	-1451.696	15.864	19.15	-6.00	17	2	3		
33	2+097.18	6,262.295	-1518.568	15.334	24.12	-7.50	21	1	3		
34	2+375.55	6,417.387	-1631.495	15.341	29.12	-5.50	26	2	3		
35	2+869.11	6,878.932	-1659.945	15.625	23.10	-3.50	20	1	4		
36	12+895.68	7,899.076	-1552.686	15.557	25.00	-3.50	22	3	5		
37	13+189.89	8,192.823	-1530.189	14.901	25.00	-3.45	21	4	3		
38	13+490.89	8,495.111	-1474.551	16.346	25.00	-5.00	23	2	4		
39	13+739.25	8,735.932	-1529.485	13.465	25.00	-3.45	23	2	4		
40	14+199.49	9,193.018	-1466.988	8.792	30.00	-1.25	28	2	3		

BH NO.	Km	COORDINATE		ELEVATION h	DEPTH OF BH.(m)	G.W.L GL-(m)	SPT	UD Sample	D- Sample	K- Value	Note
		x	y								
41	14+231.10	9,225.050	-1467.561	8.592	30.00	-1.50	28	1	4		
42	14+571.49	9,565.786	-1472.475	8.432	30.00	-1.50	28	2	3		
43	14+597.43	9,591.461	-1470.961	8.156	30.00	-1.20	29	1	3		
44	15+089.30	10,083.053	-1477.615	10.684	25.45	-1.80	23	2	4		
45	16+149.07	11,141.729	-1545.691	8.280	25.40	-1.00	25	0	4		
46	16+764.05	11,751.054	-1628.513	9.315	25.45	-3.00	24	1	3		
47	17+612.62	12,592.397	-1737.608	12.504	25.40	-3.50	23	1	3		
48	17+785.03	12,764.608	-1750.950	8.636	30.25	-2.00	29	1	4		
49	17+820.96	12,800.036	-1756.006	8.402	30.45	-2.00	29	1	4		
50	18+927.43	13,898.152	-1893.031	7.348	25.45	-1.50	24	1	5		
51	19+056.57	14,027.337	-1900.732	8.105	25.15	-2.00	24	1	3		
52	19+507.95	14,475.691	-1953.528	10.926	25.00	-5.00	21	3	3		
53	19+902.92	14,867.584	-2004.145	7.571	25.42	-1.20	24	1	6		
54	20+850.88	15,803.717	-2159.679	12.219	25.15	-3.40	17	4	3		
55	21+189.68	16,144.336	-2162.672	10.297	25.00	-2.00	23	1	5		
56	21+628.95	16,581.413	-2209.608	8.172	25.13	-1.80	24	1	5		
57	21+68035	16,632.907	-2211.862	7.903	25.15	-1.50	24	1	4		
58	21+805.03	16,757.090	-2224.567	7.801	25.13	-1.30	24	1	5		
74	21+933.56	16,884.620	-2239.629	8.052	25.10	-1.60	24	1	4		
59	22+908.69	17,851.913	-2363.374	10.884	30.27	-1.50	24	1	5		
60	22+922.73	17,866.666	-2358.468	10.195	30.27	-1.30	24	1	5		
61	23+908.48	18,794.989	-2660.024	18.274	25.12	-11.00	24	1	4		
62	24+122.96	18,951.980	-2813.532	18.671	30.00	-7.00	28	2	3		
63	24+159.99	18,986.577	-2828.112	17.743	30.00	-6.50	27	3	2		
64	25+117.14	19,819.001	-3301.779	15.694	25.25	-1.10	22	2	2		
STAGE 2 (Subtotal)					1,645		1,437	145	184	33	
65	25+578.24	20,210.422	-3545.346	16.878	25.00	-1.70	22	2	3		
66	26+223.40	20,770.761	-3866.231	18.546	25.10	-1.00	24	1	3		
67	26+264.18	20,812.733	-3877.926	17.514	25.45	-0.70	24	1	3		
68	26+468.44	20,956.914	-4029.791	18.722	25.25	-2.10	23	2	3		
69	26+420.96	20,944.789	-3961.206	17.454	25.45	-3.50	24	1	3		
81	26+713.99	21,165.722	-4159.057	18.819	25.45	-3.50	24	1	4		
70	26+897.29	21,324.846	-4250.501	18.584	35.00	-3.50	33	2	3		
71	26+912.89	21,350.612	-4238.708	17.035	35.00	-2.50	32	3	3		
72	26.998.43	21,411.134	-4303.495	15.099	35.00	-4.00	31	4	2		
73	26+999.82	21,424.938	-4283.628	14.419	35.00	-3.50	33	2	4		
75	29+074.85	23,235.202	-5252.139	19.124	25.15	-3.00	24	2	3		
76	33+341.32	27,299.674	-6534.932	20.046	25.15	-8.00	24	1	4		
77	36+459.00	30,354.314	-6878.376	18.997	21.15	-8.50	20	1	3		
78	43+033.48	36,842.081	-5999.31	15.537	25.15	-7.00	23	1	4		
79	43+082.34	36,886.054	-6020.602	13.216	25.30	-2.50	21	4	3		
80	43+397.93	37,175.789	-6145.358	17.938	22.30	-0.75	20	1	4		
STAGE 1 (Subtotal)					435.90		402	29	52	33	
TOTAL					2,080.77		1,839	174	236	33	

TABLE 1-3b LIST OF DUTCH CONE PENETRATION TEST

Test-NO.	Location	km	COORDINATE		ELEVATION	DEPTH	Remark
			x	y	h	(m)	
D-1	Buaran River	17+822.21	12,801.032	-1,758.135	8.636	5.00	
D-2	Warungdoyong	18+052.28	13,028.830	-1,790.720	8.649	6.80	
D-3	Warungdoyong	18+378.22	13,352.270	-1,830.891	12.618	7.40	
D-4	Kp. Musolla Penggilingan	18+768.36	13,740.268	-1,873.505	7.991	6.40	
D-5	Kp. Musolla Penggilingan	18+925.06	13,895.894	-1,892.442	7.393	6.80	
D-6	Kp. Musolla Penggilingan	19+055.09	14,024.779	-1,910.199	8.551	7.20	
D-7	Klender Station	19+618.66	14,583.745	-1,983.737	9.916	14.60	
D-8	Bulakjaya-Klender Baru	19+904.16	14,867.977	-2,011.842	9.259	11.80	
D-9	Pulau Gebang	20+082.49	15,045.301	-2,030.791	8.266	3.60	
D-10	Pulau Gebang	20+274.37	15,236.283	-2,050.066	10.099	4.80	
D-11	Cakung Station	20+588.65	15,547.247	-2,095.614	11.515	14.80	
D-12	Cakung Station	21+333.65	16,286.410	-2,193.055	11.438	5.40	
D-13	Harapan Baru Regensi	21+332.83	16,287.455	-2,177.022	9.965	4.20	
D-14	Harapan Baru Regensi	21+400.21	16,354.314	-2,185.409	8.661	3.40	
D-15	Harapan Baru Regensi	21+631.61	16,584.043	-2,209.674	8.375	2.60	
D-16	Harapan Baru Regensi	21+807.01	16,758.416	-2,229.093	7.809	3.40	
D-17	Harapan Baru Regensi	21+931.74	16,882.848	-2,238.610	8.062	7.60	
D-18	Rawa Bebek	22+767.75	17,711.945	-2,346.826	12.874	8.40	
D-19	Rawa Bebek	22+904.48	17,847.949	-2,360.872	10.847	5.80	
D-20	Rawa Bebek	23+133.13	18,068.102	-2,421.463	10.240	3.80	
D-21	Kranji	23+294.21	18,241.803	-2,390.947	15.065	15.80	
D-22	Kranji	23+599.23	18,524.550	-2,506.420	18.031	15.00	
D-23	Rawa Bambu-Kranji	24+124.17	18,956.534	-2,808.235	18.108	18.80	
D-24	Rawa Bambu-Kranji	24+306.22	19,097.038	-2,926.681	16.576	17.40	
D-25	Rawa Bambu-Kranji	24+545.49	19,321.976	-3,018.549	13.628	18.00	
D-26	Kp. Buaran	24+861.94	19,600.870	-3,169.46	15.200	19.20	
D-27	Kp. Kari Baru	25+112.64	19,815.101	-3,299.68	15.759	14.60	
D-28	Kp. Kari Baru	25+334.00	20,003.933	-3,415.01	15.869	13.80	
D-29	Bekasi Station	25+578.24	20,207.835	-3,545.45	17.076	7.40	

Note: Field Test: April 22 ~29 2002

LEGEND

— : ST. MANGGARAI - ST. BEKASI NEW MAIN TRACK / NEW COMMUTER TRACK

— : EXISTING TRACK

- - - : PT. KAI LAND BOUNDARY

○ : Km post PT. KAI

— : PLANNED LAND ACQUISITION

○ : Km post PT. KAI

○ : PT. KAI KM

— : SURVEY KM







