

LAMPIRAN

Dengan menggunakan korelasi empiris maka jenis tanah berdasarkan hasil CPT dapat ditentukan seperti berikut ini,

Tabel 1. Klasifikasi tanah berdasarkan S-01

Depth (m)	qc (kg/cm ²)	fs (kg/cm ²)	Rf (%)	Prediction
0.20	6.00	0.20	3.33	Sandy and silty clays
0.40	13.00	0.20	1.54	Loose sands
0.60	9.00	0.30	3.33	Sandy and silty clays
0.80	9.00	0.30	3.33	Sandy and silty clays
1.00	6.00	0.20	3.33	Sandy and silty clays
1.20	6.00	0.30	5.00	Inorganic clay medium
1.40	7.00	0.30	4.29	Inorganic clay medium
1.60	9.00	0.30	3.33	Sandy and silty clays
1.80	13.00	0.30	2.31	Clayey-sands and silts
2.00	15.00	0.30	2.00	Loose sands
2.20	21.00	0.40	1.90	Moderate sands
2.40	26.00	0.50	1.92	Moderate sands
2.60	27.00	0.50	1.85	Moderate sands
2.80	27.00	0.50	1.85	Moderate sands
3.00	30.00	0.50	1.67	Moderate sands
3.20	41.00	0.50	1.22	Moderate sands
3.40	44.00	0.60	1.36	Moderate sands
3.60	49.00	0.60	1.22	Moderate sands
3.80	50.00	0.60	1.20	Moderate sands
4.00	46.00	0.60	1.30	Moderate sands
4.20	42.00	0.60	1.43	Moderate sands
4.40	27.00	0.50	1.85	Moderate sands
4.60	19.00	0.40	2.11	Clayey-sands and silts
4.80	21.00	0.40	1.90	Moderate sands
5.00	24.00	0.40	1.67	Moderate sands
5.20	27.00	0.50	1.85	Moderate sands
5.40	23.00	0.40	1.74	Moderate sands
5.60	23.00	0.50	2.17	Clayey-sands and silts
5.80	23.00	0.40	1.74	Moderate sands
6.00	23.00	0.40	1.74	Moderate sands
6.20	24.00	0.40	1.67	Moderate sands
6.40	22.00	0.40	1.82	Moderate sands
6.60	18.00	0.40	2.22	Clayey-sands and Silts
6.80	19.00	0.40	2.11	Clayey-sands and Silts
7.00	19.00	0.40	2.11	Clayey-sands and Silts
7.20	21.00	0.40	1.90	Moderate sands
7.40	23.00	0.50	2.17	Clayey-sands and Silts
7.60	23.00	0.50	2.17	Clayey-sands and Silts
7.80	25.00	0.50	2.00	Moderate sands
8.00	27.00	0.50	1.85	Moderate sands
8.20	27.00	0.50	1.85	Moderate sands
8.40	30.00	0.50	1.67	Moderate sands
8.60	33.00	0.50	1.52	Moderate sands
8.80	33.00	0.50	1.52	Moderate sands
9.00	37.00	0.50	1.35	Moderate sands
9.20	30.00	0.50	1.67	Moderate sands
9.40	29.00	0.50	1.72	Moderate sands
9.60	33.00	0.50	1.52	Moderate sands
9.80	37.00	0.50	1.35	Moderate sands
10.00	40.00	0.50	1.25	Moderate sands
10.20	41.00	0.60	1.46	Moderate sands
10.40	41.00	0.60	1.46	Moderate sands
10.60	42.00	0.60	1.43	Moderate sands
10.80	49.00	0.70	1.43	Moderate sands
<i>Lanjutan tabel 1</i>				
11.00	70.00	0.80	1.14	Moderate sands
11.20	87.00	0.90	1.03	Moderate sands
11.40	67.00	0.80	1.19	Moderate sands

11.60	77.00	0.80	1.04	Moderate sands
11.80	87.00	0.90	1.03	Moderate sands
12.00	73.00	0.80	1.10	Moderate sands
12.20	64.00	0.80	1.25	Moderate sands
12.40	67.00	0.80	1.19	Moderate sands
12.60	68.00	0.80	1.18	Moderate sands
12.80	60.00	0.80	1.33	Moderate sands
13.00	53.00	0.70	1.32	Moderate sands
13.20	42.00	0.60	1.43	Moderate sands
13.40	45.00	0.70	1.56	Moderate sands
13.60	53.00	0.70	1.32	Moderate sands
13.80	60.00	0.80	1.33	Moderate sands
14.00	53.00	0.90	1.70	Moderate sands
14.20	35.00	0.50	1.43	Moderate sands
14.40	36.00	0.60	1.67	Moderate sands
14.60	39.00	0.60	1.54	Moderate sands
14.80	44.00	0.60	1.36	Moderate sands
15.00	45.00	0.70	1.56	Moderate sands
15.20	107.00	1.30	1.21	Dense or cemented sands
15.40	141.00	1.50	1.06	Dense or cemented sands
15.60	154.00	1.60	1.04	Dense or cemented sands
15.80	160.00	1.60	1.00	Dense or cemented sands

Tabel 2. Klasifikasi tanah berdasarkan S-02

Depth (m)	qc (kg/cm ²)	fs (kg/cm ²)	Rf (%)	Prediction
0.20	4.00	0.20	5.00	Inorganic clay soft
0.40	9.00	0.30	3.33	Sandy and silty clays
0.60	7.00	0.30	4.29	Inorganic clay medium
0.80	6.00	0.20	3.33	Sandy and silty clays
1.00	6.00	0.30	5.00	Inorganic clay medium
1.20	4.00	0.20	5.00	Inorganic clay soft
1.40	4.00	0.30	7.50	Organic clays & mixed soils
1.60	4.00	0.30	7.50	Organic clays & mixed soils
1.80	4.00	0.20	5.00	Inorganic clay soft
2.00	9.00	0.30	3.33	Sandy and silty clays
2.20	12.00	0.30	2.50	Clayey-sands and silts
2.40	19.00	0.40	2.11	Clayey-sands and silts
2.60	16.00	0.40	2.50	Clayey-sands and silts
2.80	16.00	0.40	2.50	Clayey-sands and silts
3.00	23.00	0.50	2.17	Clayey-sands and silts
3.20	21.00	0.40	1.90	Moderate sands
3.40	23.00	0.40	1.74	Moderate sands
3.60	24.00	0.40	1.67	Moderate sands
3.80	24.00	0.40	1.67	Moderate sands
4.00	23.00	0.40	1.74	Moderate sands
4.20	26.00	0.40	1.54	Moderate sands
4.40	17.00	0.40	2.35	Clayey-sands and silts
4.60	13.00	0.30	2.31	Clayey-sands and silts
4.80	13.00	0.40	3.08	Sandy and silty clays
5.00	21.00	0.50	2.38	Clayey-sands and silts
5.20	25.00	0.50	2.00	Moderate sands
5.40	30.00	0.50	1.67	Moderate sands
5.60	25.00	0.50	2.00	Moderate sands
5.80	24.00	0.50	2.08	Moderate sands
6.00	26.00	0.50	1.92	Moderate sands
6.20	25.00	0.50	2.00	Moderate sands
<u>Lanjutan tabel 2</u>				
6.40	26.00	0.50	1.92	Moderate sands
6.60	27.00	0.50	1.85	Moderate sands
6.80	30.00	0.50	1.67	Moderate sands
7.00	35.00	0.60	1.71	Moderate sands
7.20	44.00	0.60	1.36	Moderate sands
7.40	42.00	0.60	1.43	Moderate sands
7.60	43.00	0.60	1.40	Moderate sands

7.80	44.00	0.60	1.36	Moderate sands
8.00	47.00	0.70	1.49	Moderate sands
8.20	53.00	0.70	1.32	Moderate sands
8.40	70.00	0.80	1.14	Moderate sands
8.60	83.00	0.90	1.08	Moderate sands
8.80	93.00	1.20	1.29	Moderate sands
9.00	97.00	1.30	1.34	Moderate sands
9.20	90.00	1.00	1.11	Moderate sands
9.40	87.00	0.90	1.03	Moderate sands
9.60	90.00	1.20	1.33	Moderate sands
9.80	94.00	1.20	1.28	Moderate sands
10.00	112.00	1.30	1.16	Dense or cemented sands
10.20	107.00	1.30	1.21	Dense or cemented sands
10.40	108.00	1.40	1.30	Dense or cemented sands
10.60	112.00	1.30	1.16	Dense or cemented sands
10.80	110.00	1.30	1.18	Dense or cemented sands
11.00	112.00	1.30	1.16	Dense or cemented sands
11.20	110.00	1.30	1.18	Dense or cemented sands
11.40	112.00	1.30	1.16	Dense or cemented sands
11.60	113.00	1.40	1.24	Dense or cemented sands
11.80	114.00	1.40	1.23	Dense or cemented sands
12.00	110.00	1.30	1.18	Dense or cemented sands
12.20	96.00	1.20	1.25	Moderate sands
12.40	89.00	1.10	1.24	Moderate sands
12.60	87.00	1.10	1.26	Moderate sands
12.80	86.00	1.00	1.16	Moderate sands
13.00	88.00	1.00	1.14	Moderate sands
13.20	132.00	1.60	1.21	Dense or cemented sands
13.40	182.00	2.30	1.26	Dense or cemented sands
13.60	197.00	2.50	1.27	Dense or cemented sands

Tabel 3. Klasifikasi tanah berdasarkan S-03

Depth (m)	qc (kg/cm ²)	fs (kg/cm ²)	Rf (%)	Prediction
0.20	8.00	0.20	2.50	Clayey-sands and Silts
0.40	15.00	0.30	2.00	Loose sands
0.60	16.00	0.40	2.50	Clayey-sands and Silts
0.80	16.00	0.40	2.50	Clayey-sands and Silts
1.00	15.00	0.30	2.00	Loose sands
1.20	13.00	0.30	2.31	Clayey-sands and Silts
1.40	10.00	0.30	3.00	Sandy and silty clays
1.60	10.00	0.30	3.00	Sandy and silty clays
1.80	10.00	0.30	3.00	Sandy and silty clays
2.00	12.00	0.30	2.50	Clayey-sands and silts
2.20	13.00	0.30	2.31	Clayey-sands and silts
2.40	12.00	0.30	2.50	Clayey-sands and silts
2.60	10.00	0.30	3.00	Sandy and silty clays
2.80	10.00	0.30	3.00	Sandy and silty clays
3.00	13.00	0.30	2.31	Clayey-sands and silts
3.20	16.00	0.40	2.50	Clayey-sands and silts
<i>Lanjutan tabel 3</i>				
3.40	19.00	0.40	2.11	Clayey-sands and silts
3.60	30.00	0.50	1.67	Moderate sands
3.80	35.00	0.50	1.43	Moderate sands
4.00	27.00	0.50	1.85	Moderate sands
4.20	23.00	0.40	1.74	Moderate sands
4.40	27.00	0.50	1.85	Moderate sands
4.60	30.00	0.50	1.67	Moderate sands
4.80	32.00	0.50	1.56	Moderate sands
5.00	37.00	0.50	1.35	Moderate sands
5.20	44.00	0.60	1.36	Moderate sands
5.40	37.00	0.50	1.35	Moderate sands

5.60	47.00	0.60	1.28	Moderate sands
5.80	42.00	0.60	1.43	Moderate sands
6.00	38.00	0.50	1.32	Moderate sands
6.20	35.00	0.50	1.43	Moderate sands
6.40	37.00	0.50	1.35	Moderate sands
6.60	40.00	0.50	1.25	Moderate sands
6.80	40.00	0.60	1.50	Moderate sands
7.00	42.00	0.60	1.43	Moderate sands
7.20	54.00	0.60	1.11	Moderate sands
7.40	46.00	0.60	1.30	Moderate sands
7.60	42.00	0.60	1.43	Moderate sands
7.80	42.00	0.60	1.43	Moderate sands
8.00	36.00	0.60	1.67	Moderate sands
8.20	32.00	0.60	1.88	Moderate sands
8.40	32.00	0.60	1.88	Moderate sands
8.60	34.00	0.60	1.76	Moderate sands
8.80	36.00	0.60	1.67	Moderate sands
9.00	37.00	0.60	1.62	Moderate sands
9.20	39.00	0.60	1.54	Moderate sands
9.40	47.00	0.70	1.49	Moderate sands
9.60	51.00	0.80	1.57	Moderate sands
9.80	57.00	0.80	1.40	Moderate sands
10.00	70.00	1.80	2.57	Clayey-sands and silts
10.20	141.00	1.60	1.13	Dense or cemented sands
10.40	188.00	2.20	1.17	Dense or cemented sands
10.60	193.00	2.30	1.19	Dense or cemented sands

Tabel 4. Klasifikasi tanah berdasarkan S-04

Depth (m)	qc (kg/cm ²)	fs (kg/cm ²)	Rf (%)	Prediction
0.20	2.00	0.10	5.00	Organic clays & mixed soils
0.40	3.00	0.20	6.67	Organic clays & mixed soils
0.60	12.00	0.30	2.50	Clayey-sands and silts
0.80	15.00	0.30	2.00	Loose sands
1.00	17.00	0.40	2.35	Clayey-sands and silts
1.20	15.00	0.30	2.00	Loose sands
1.40	13.00	0.30	2.31	Clayey-sands and silts
1.60	12.00	0.30	2.50	Clayey-sands and silts
1.80	13.00	0.30	2.31	Clayey-sands and silts
2.00	14.00	0.30	2.14	Clayey-sands and silts
2.20	15.00	0.30	2.00	Loose sands
2.40	17.00	0.40	2.35	Clayey-sands and silts
2.60	15.00	0.40	2.67	Clayey-sands and silts
2.80	15.00	0.30	2.00	Loose sands
3.00	15.00	0.30	2.00	Loose sands
3.20	12.00	0.30	2.50	Clayey-sands and silts
<i>Lanjutan tabel 4</i>				
3.40	12.00	0.30	2.50	Clayey-sands and silts
3.60	13.00	0.30	2.31	Clayey-sands and silts
3.80	14.00	0.30	2.14	Clayey-sands and silts
4.00	21.00	0.40	1.90	Moderate sands
4.20	29.00	0.50	1.72	Moderate sands
4.40	27.00	0.50	1.85	Moderate sands
4.60	23.00	0.40	1.74	Moderate sands
4.80	20.00	0.40	2.00	Loose sands
5.00	21.00	0.40	1.90	Moderate sands
5.20	16.00	0.40	2.50	Clayey-sands and silts
5.40	16.00	0.40	2.50	Clayey-sands and silts
5.60	17.00	0.40	2.35	Clayey-sands and silts
5.80	17.00	0.40	2.35	Clayey-sands and silts
6.00	21.00	0.40	1.90	Moderate sands
6.20	22.00	0.40	1.82	Moderate sands

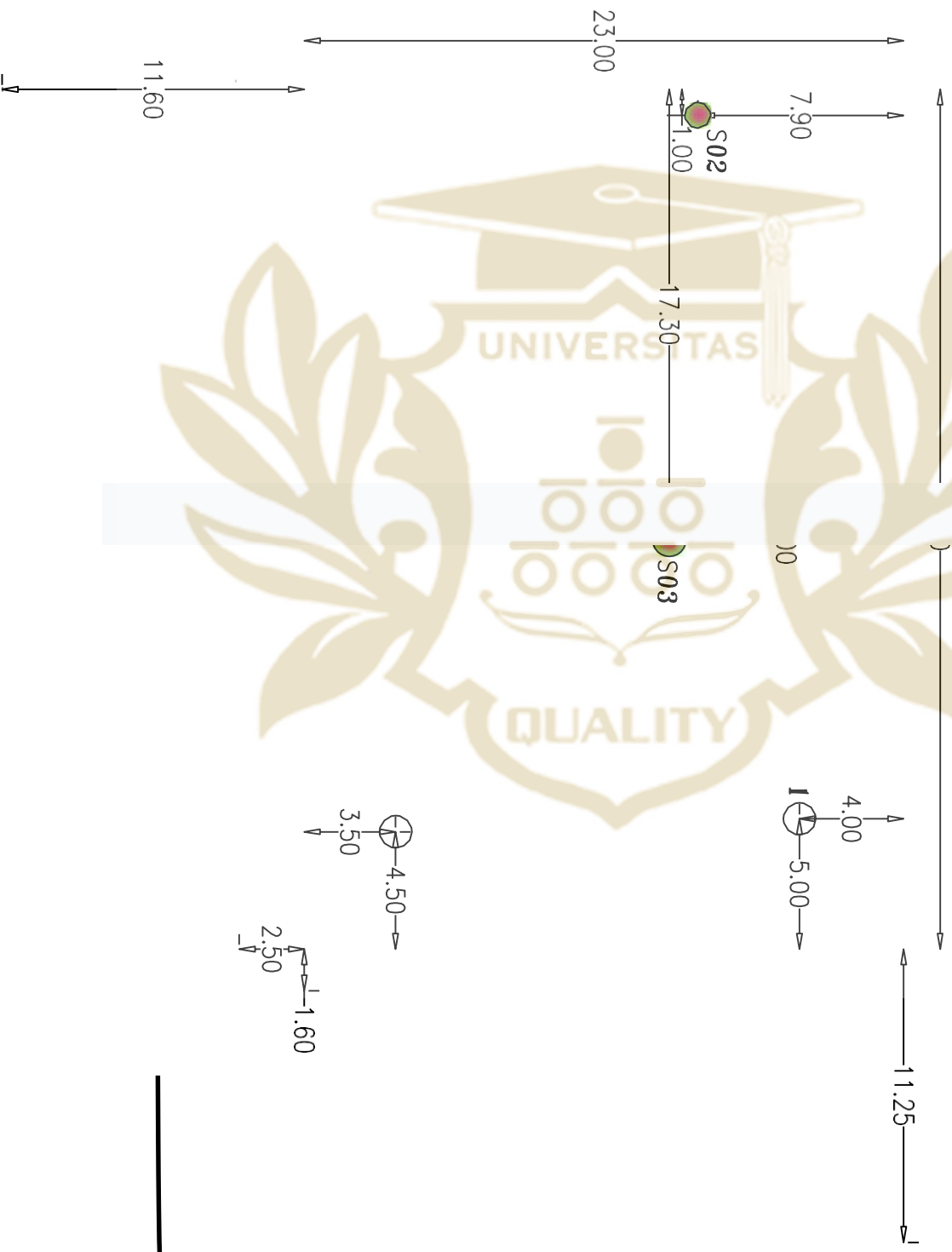
6.40	32.00	0.50	1.56	Moderate sands
6.60	37.00	0.50	1.35	Moderate sands
6.80	38.00	0.50	1.32	Moderate sands
7.00	36.00	0.60	1.67	Moderate sands
7.20	33.00	0.50	1.52	Moderate sands
7.40	31.00	0.50	1.61	Moderate sands
7.60	32.00	0.50	1.56	Moderate sands
7.80	33.00	0.50	1.52	Moderate sands
8.00	27.00	0.50	1.85	Moderate sands
8.20	22.00	0.50	2.27	Clayey-sands and silts
8.40	23.00	0.50	2.17	Clayey-sands and silts
8.60	30.00	0.50	1.67	Moderate sands
8.80	33.00	0.50	1.52	Moderate sands
9.00	30.00	0.50	1.67	Moderate sands
9.20	31.00	0.50	1.61	Moderate sands
9.40	31.00	0.50	1.61	Moderate sands
9.60	32.00	0.50	1.56	Moderate sands
9.80	32.00	0.60	1.88	Moderate sands
10.00	32.00	0.50	1.56	Moderate sands
10.20	32.00	0.50	1.56	Moderate sands
10.40	33.00	0.50	1.52	Moderate sands
10.60	36.00	0.60	1.67	Moderate sands
10.80	33.00	0.60	1.82	Moderate sands
11.00	34.00	0.60	1.76	Moderate sands
11.20	30.00	0.50	1.67	Moderate sands
11.40	32.00	0.50	1.56	Moderate sands
11.60	39.00	0.60	1.54	Moderate sands
11.80	49.00	0.70	1.43	Moderate sands
12.00	48.00	0.60	1.25	Moderate sands
12.20	53.00	0.70	1.32	Moderate sands
12.40	50.00	0.60	1.20	Moderate sands
12.60	46.00	0.60	1.30	Moderate sands
12.80	44.00	0.60	1.36	Moderate sands
13.00	42.00	0.60	1.43	Moderate sands
13.20	35.00	0.50	1.43	Moderate sands
13.40	36.00	0.50	1.39	Moderate sands
13.60	33.00	0.50	1.52	Moderate sands
13.80	39.00	0.60	1.54	Moderate sands
14.00	37.00	0.50	1.35	Moderate sands
14.20	49.00	0.70	1.43	Moderate sands
14.40	46.00	0.60	1.30	Moderate sands
14.60	44.00	0.60	1.36	Moderate sands
14.80	44.00	0.60	1.36	Moderate sands
15.00	37.00	0.60	1.62	Moderate sands
15.20	32.00	0.50	1.56	Moderate sands
<i>Lanjutan tabel 4</i>				
15.40	33.00	0.50	1.52	Moderate Sands
15.60	36.00	0.60	1.67	Moderate Sands
15.80	46.00	0.70	1.52	Moderate Sands
16.00	36.00	0.60	1.67	Moderate Sands
16.20	36.00	0.60	1.67	Moderate Sands
16.40	37.00	0.60	1.62	Moderate Sands
16.60	39.00	0.60	1.54	Moderate Sands
16.80	43.00	0.70	1.63	Moderate Sands
17.00	49.00	0.70	1.43	Moderate Sands
17.20	90.00	1.20	1.33	Moderate Sands
17.40	149.00	1.60	1.07	Dense or cemented Sands
17.60	180.00	2.10	1.17	Dense or cemented Sands
17.80	180.00	2.20	1.22	Dense or cemented Sands



PROPOSED SITE

LAYOUT TITIK SONDIR PEMBA
PELAYANAN PERPUSTAK

UNAN GEDUNG FASILITAS
UMUM KAB. DAIRI





PROPOSED SITE

LAYOUT TITIK SONDIR PEMBANGUNAN GEDUNG FASILITAS PELAYANAN PERPUSTAKAAN UMUM KAB. DAIRI

