

海上支所
タイプ2:東日本大震災

基準名 建築基礎構造設計指針
判定方法 各層毎のせん断応力と、実測N値
Fc>50%の取扱い △Nf=11一定とする

PL =0. 0 Dcy (建築指針)=0. 0cm Dcy (高压ガス指針)=0. 0cm

PL値 0.000
水の単位体積重量 10. 0 (kN/m³)
上載荷重 0. 0 (kN/m²)
使用曲線 γ= 5 (%)
基礎加速度 111. 48 (gal)
マグニチュード 9. 0
補正係数 1. 000
せん断応力：判定深さが含まれる層（中心）の値
(注) 判定外
**1 地下水位より上(液状化の可能性は低い)
**2 τ d/σ' vが0. 0以下である(液状化の可能性は低い)
**3 Fc～△Nfグラフ範囲外(液状化の可能性は低い)
**4 全上載圧または有効上載圧が0. 0以下となる層である
地下水位面 0. 00 (m)

標 尺	深 さ	層 厚	土 層 種 別	土 質 特 性												震 力 比 法	液 を 状 考 化 判 定	地震応答係			液状化の判定				
				N 値	振動 履歴 比 較	判定 深さ	標準 重量	飽和 重量	有上 載 荷	全上 載 圧	細含 土率	平均 粒 径	コ 振 打 値 貫入	剪断 力 比	最大 速度			最大 歪	最大 せん 断力	補正 N 値	液状化 比	せん断力 割合	判 定		
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(m)	(m)	(m)		0 30 [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] [] 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干潟支所
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基準名 建築基礎構造設計指針
判定方法 各層毎のせん断応力と、実測N値
Fc>50%の取扱い △Nf=11一定とする

PL =5. 61 Dcy (建築指針)=1. 9cm Dcy (高压ガス指針)=28. 6cm

PL値 5. 610
水の単位体積重量 10. 0 (kN/m³)
上載荷重 0. 0 (kN/m²)
使用曲線 γ= 5 (%)
基礎加速度 161. 29 (gal)
マグニチュード 9. 0
補正係数 1. 000
せん断応力：判定深さが含まれる層（中心）の値
(注) 判定外
**1 地下水位より上(液状化の可能性は低い)
**2 τ d/σ' vが0. 0以下である(液状化の可能性は低い)
**3 Fc～△Nfグラフ範囲外(液状化の可能性は低い)
**4 全上載圧または有効上載圧が0. 0以下となる層である
地下水位面 0. 00 (m)

標 尺	土 質 特 性												震 力 比 法	液 を 状 考 化 判 定	地盤応答係数			液状化の判定			判 定			
	深 さ (m)	層 厚 (m)	土 層 種 類	N 値	振動 数 三 角 比	判定 深さ (m)	標準 重量 (kN/m³)	飽和 重量 (kN/m³)	有上 載 動 圧 (kN/m²)	全上 載 圧 (kN/m²)	細含 砂有 土率 (%)	平均 粒径 (mm)			コ シ ロ 抵 抗 値 貫 入 (kN/m²)	剪断 面 摩 擦 (kN/m²)	最大 大 変 位 (cm)	最大 歪 (%)	最大 断 大 せん 断 力 (kN/m²)	補 正 N 値		液状 化 比	せん 断 力 比	FL
0	0.0 0.35	0.35	砂質土	7.0	0.000	1.30	17.0	17.0	9.10	22.10	20.0	0.000	0.00	0.00	N値	278.5 277.7	0.006 0.031	3.4 4.9	30.97	0.600	0.431	1.393		
1.55	1.00	0.60	砂質土	4.0	0.000	2.30	17.0	17.0	16.10	39.10	20.0	0.000	0.00	0.00	N値	271.3	0.118	6.5	17.87	0.198	0.325	0.609		
2.55	1.00	0.60	砂質土	8.0	0.000	3.30	17.0	17.0	23.10	56.10	20.0	0.000	0.00	0.00	N値	253.9	0.320	16.6	24.48	0.424	0.571	0.743		
3.55	1.00	0.60	粘性土	21.0	0.000	4.30	18.0	18.0	36.85	73.85	81.6	0.000	0.00	0.00	N値	223.6	0.018	21.1	48.43	0.600	0.547			
5.00	1.45	0.60	粘性土	22.0	0.000	5.30	18.0	18.0	38.85	91.85	81.6	0.000	0.00	0.00	N値	220.9	0.025	25.6	45.94	0.600	0.527			
6.50	1.50	0.60	粘性土	17.0	0.000	6.30	18.0	18.0	46.85	109.85	81.6	0.000	0.00	0.00	N値	213.5	0.031	31.1	35.59	0.600	0.437			
8.00	1.50	0.60	粘性土	16.0	0.000	7.30	18.0	18.0	54.85	127.85	81.6	0.000	0.00	0.00	N値	204.2	0.040	37.0	32.39	0.600	0.454			
10.00	2.00	0.60	粘性土	23.0	0.000	8.30	18.0	18.0	62.85	145.85	81.6	0.000	0.00	0.00	N値	189.9	0.049	42.2	39.72	0.600	0.471			
12.00	2.00	0.60	粘性土	20.0	0.000	9.30	18.0	18.0	70.85	163.85	81.6	0.000	0.00	0.00	N値	182.8	0.060	49.3	34.52	0.600	0.418			
14.00	2.00	0.60	粘性土	16.0	0.000	10.30	18.0	18.0	78.85	181.85	81.6	0.000	0.00	0.00	N値	174.4	0.061	71.6	28.84	0.600	0.428			
16.00	2.00	0.60	粘性土	15.0	0.000	11.30	18.0	18.0	86.85	199.85	81.6	0.000	0.00	0.00	N値	161.3			26.93	0.600	0.389			
18.00	2.00	0.60	粘性土	16.0	0.000	12.30	18.0	18.0	94.85	217.85	81.6	0.000	0.00	0.00	N値				27.26	0.600	0.416			
20.00	2.00	0.60	粘性土	17.0	0.000	13.30	18.0	18.0	102.85	235.85	81.6	0.000	0.00	0.00	N値				27.59	0.600	0.383			
22.00	2.00	0.60	粘性土	23.0	0.000	14.30	18.0	18.0	110.85	253.85	72.0	0.000	0.00	0.00	N値				32.63	0.600	0.517			
24.00	2.00	0.60	粘性土	22.0	0.000	15.30	18.0	18.0	118.85	271.85	72.0	0.000	0.00	0.00	N値				30.98	0.600	0.482			
26.00	3.00	0.60	粘性土	22.0	0.000	16.30	18.0	18.0	126.85	289.85	72.0	0.000	0.00	0.00	N値				30.34	0.600	0.452			



