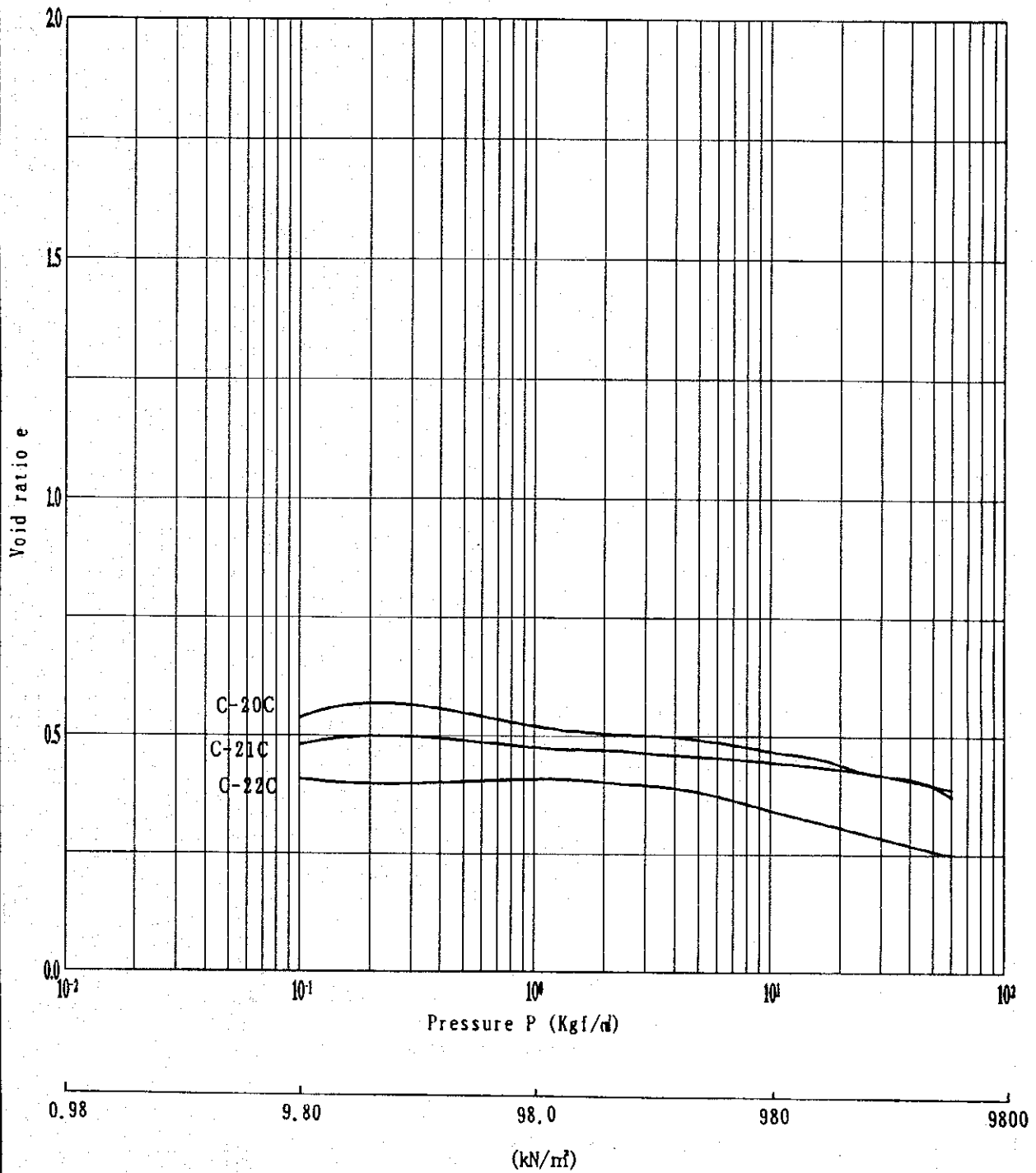
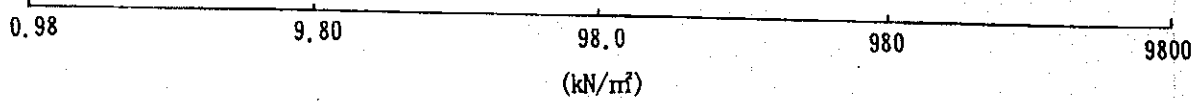
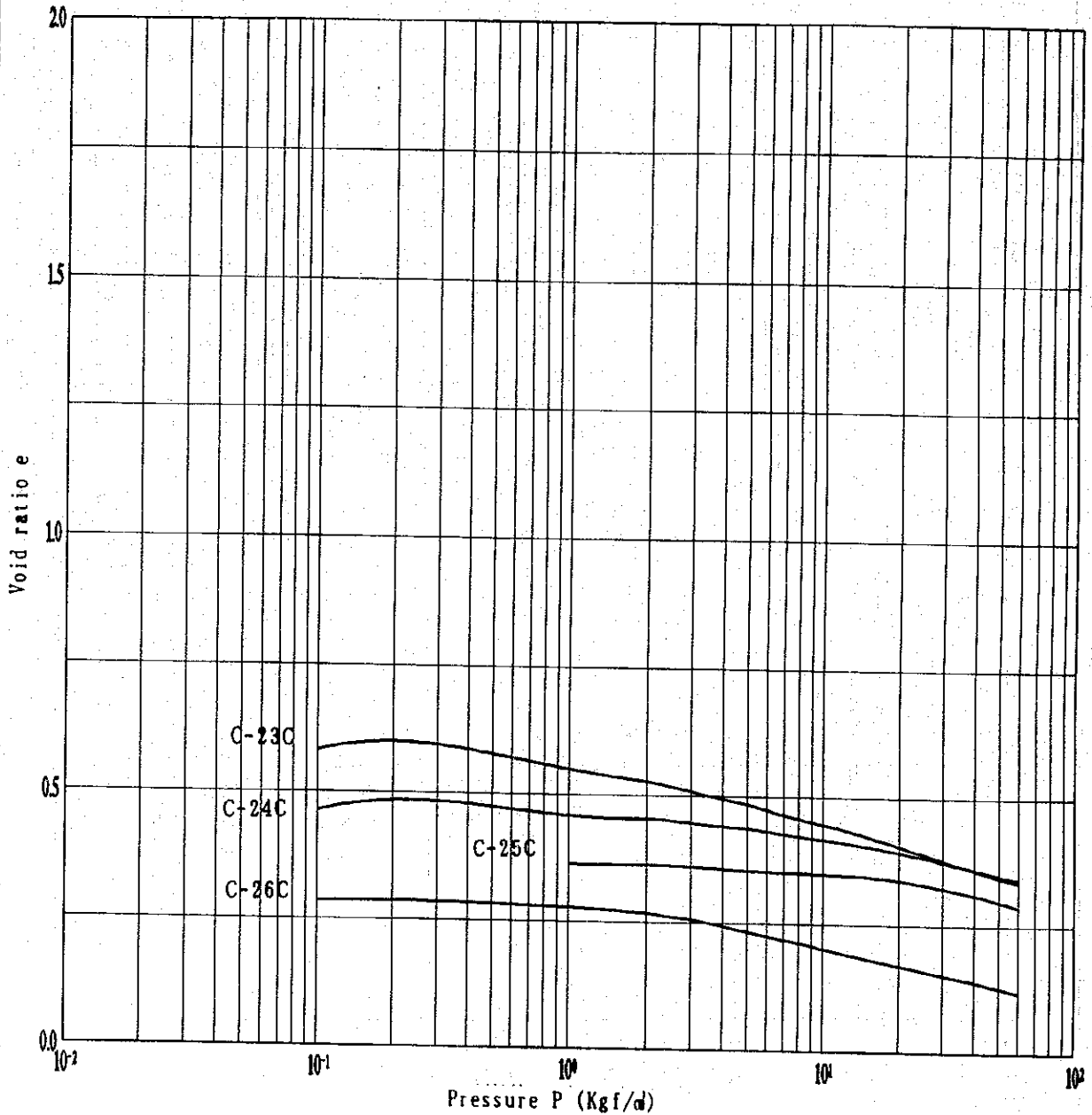


$e \sim \log P$ Curve at Site-C [Pd]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDECE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD

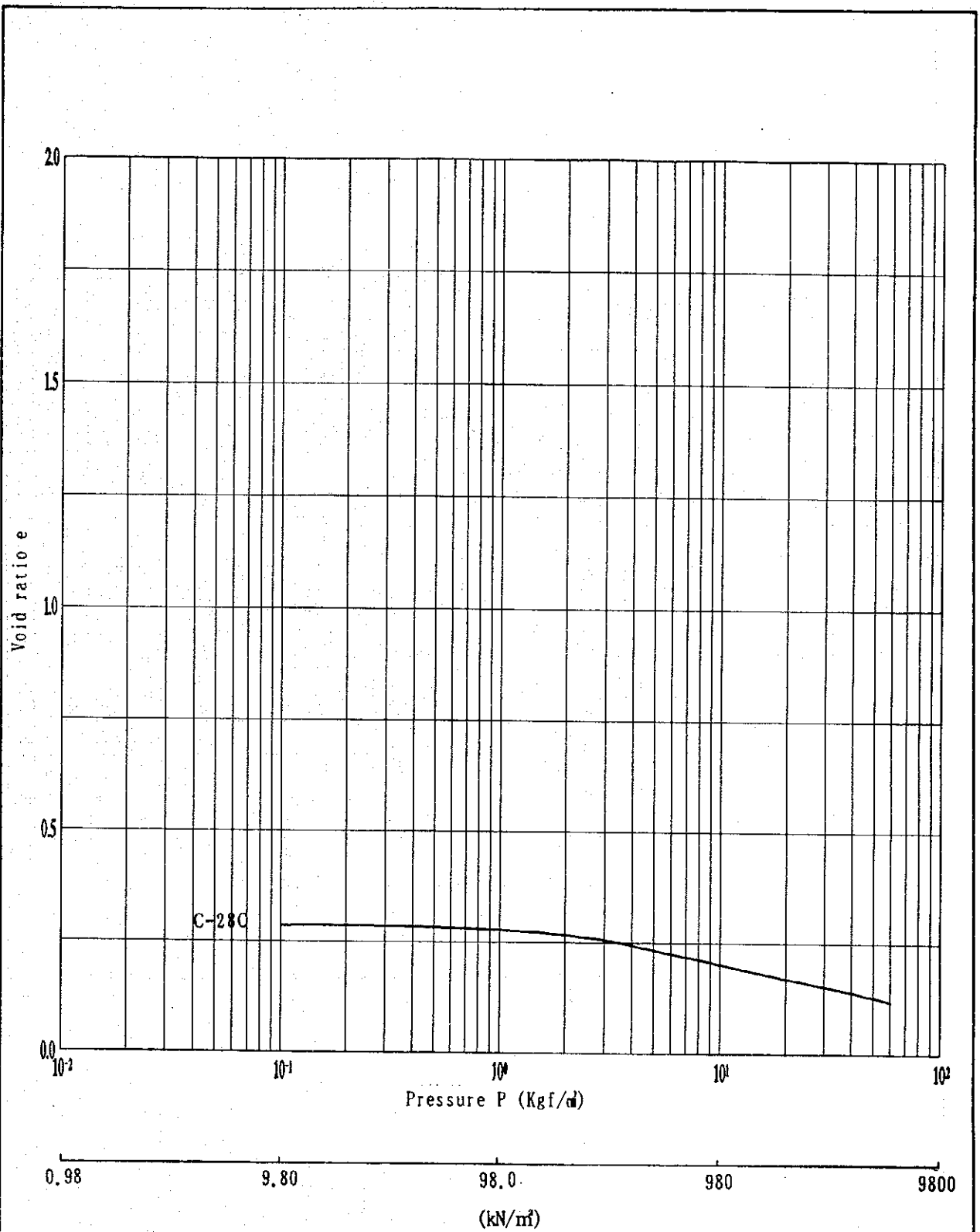


e ~ logP Curve at Site-C	
[NI]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE	
IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD.

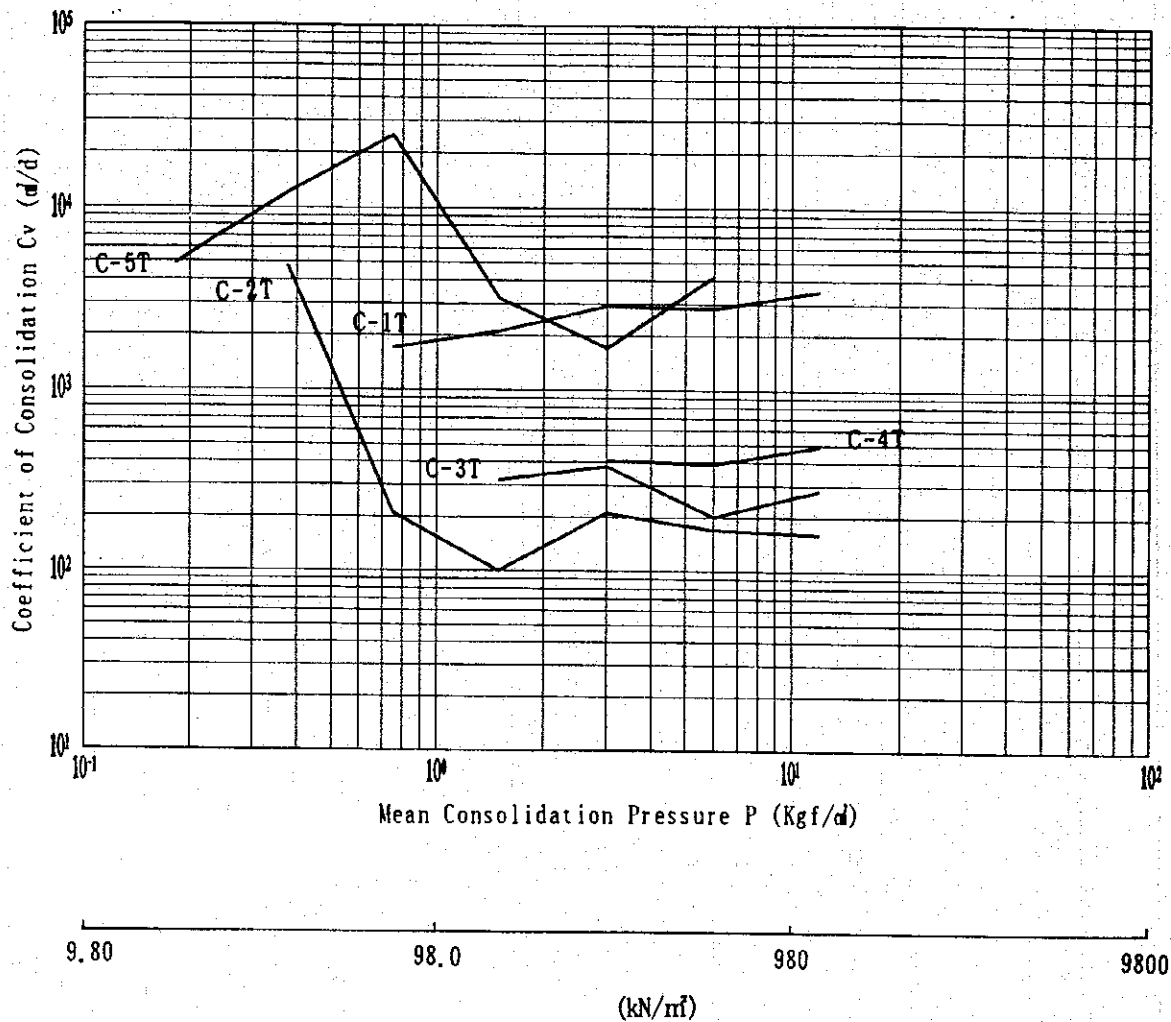


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[No]

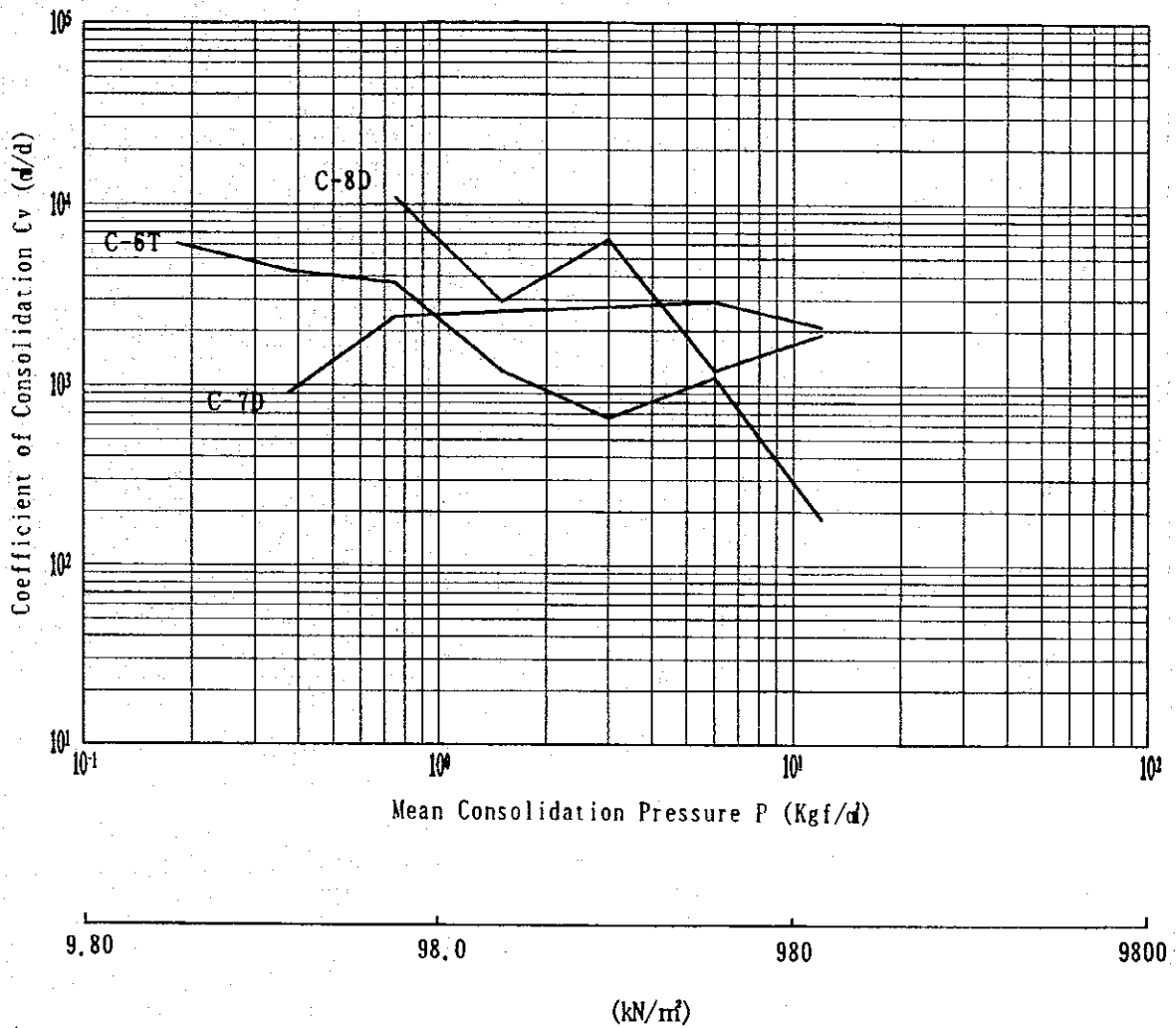
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE
IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) | KOKUSAI KOGYO CO., LTD



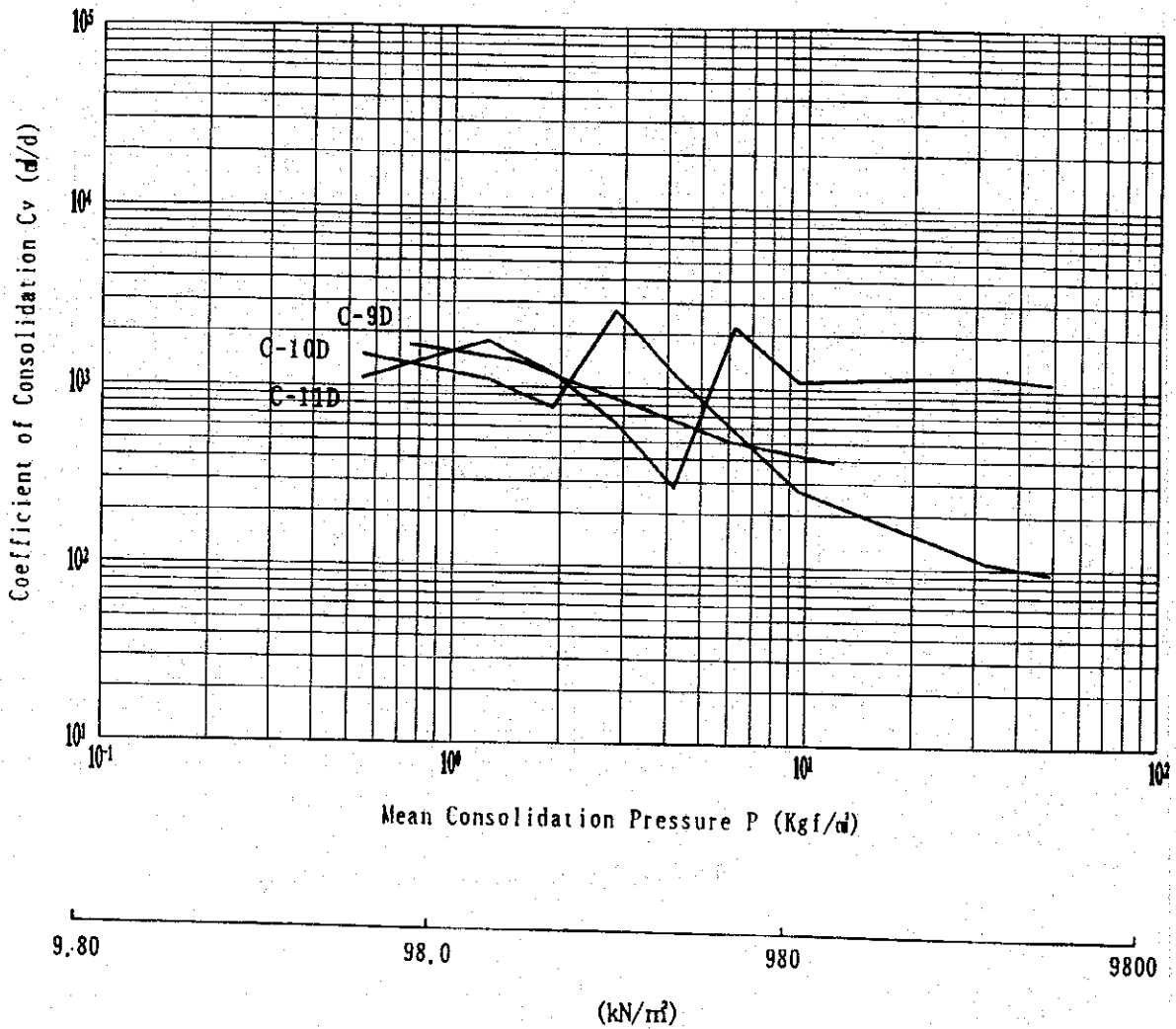
$e \sim \log P$ Curve at Site-C [Sk]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



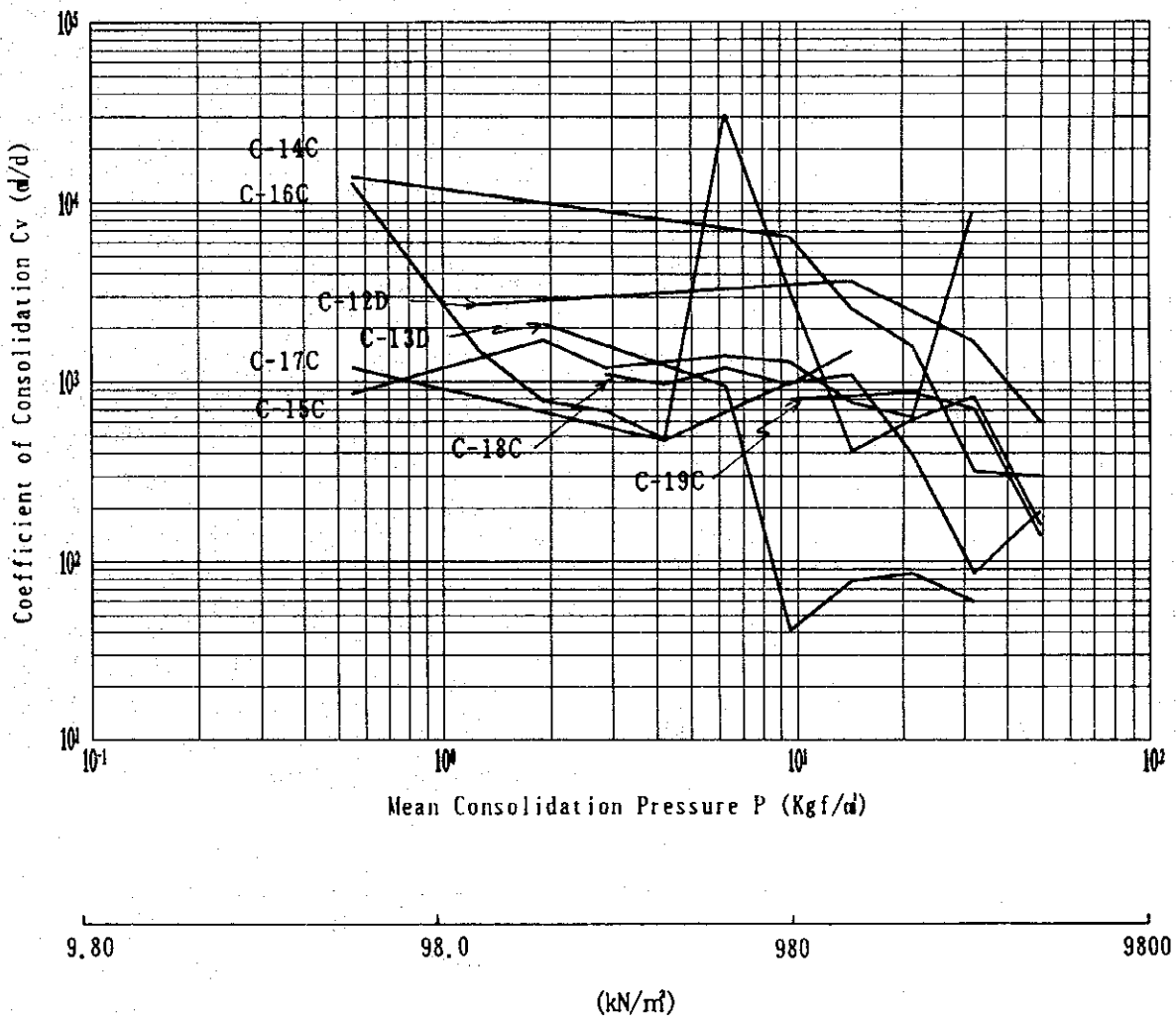
Coefficient of Consolidation, Cv versus Pressure Curves at Site-C [Sf]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



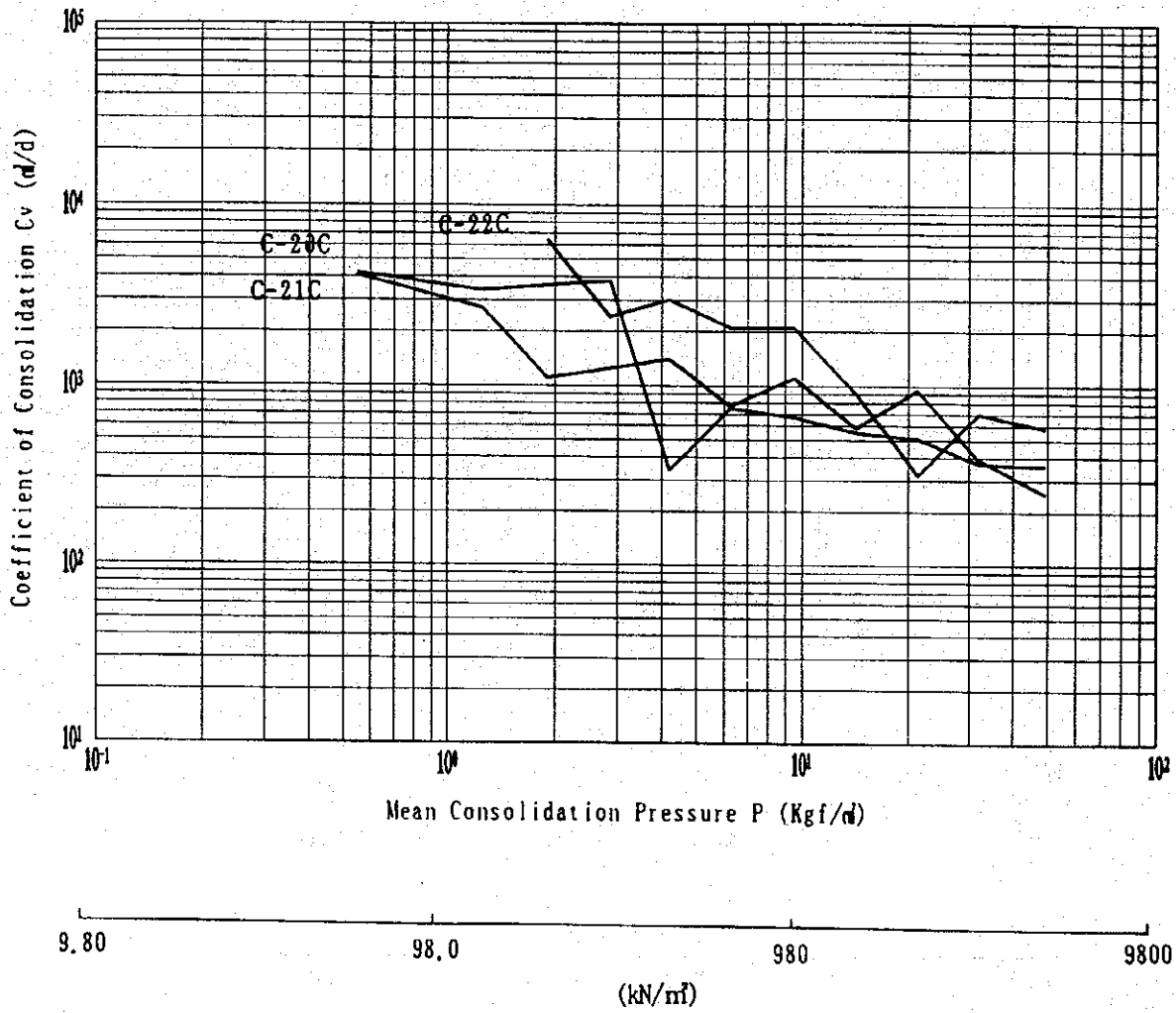
Coefficient of Consolidation, C_v versus Pressure Curves at Site-C [St]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



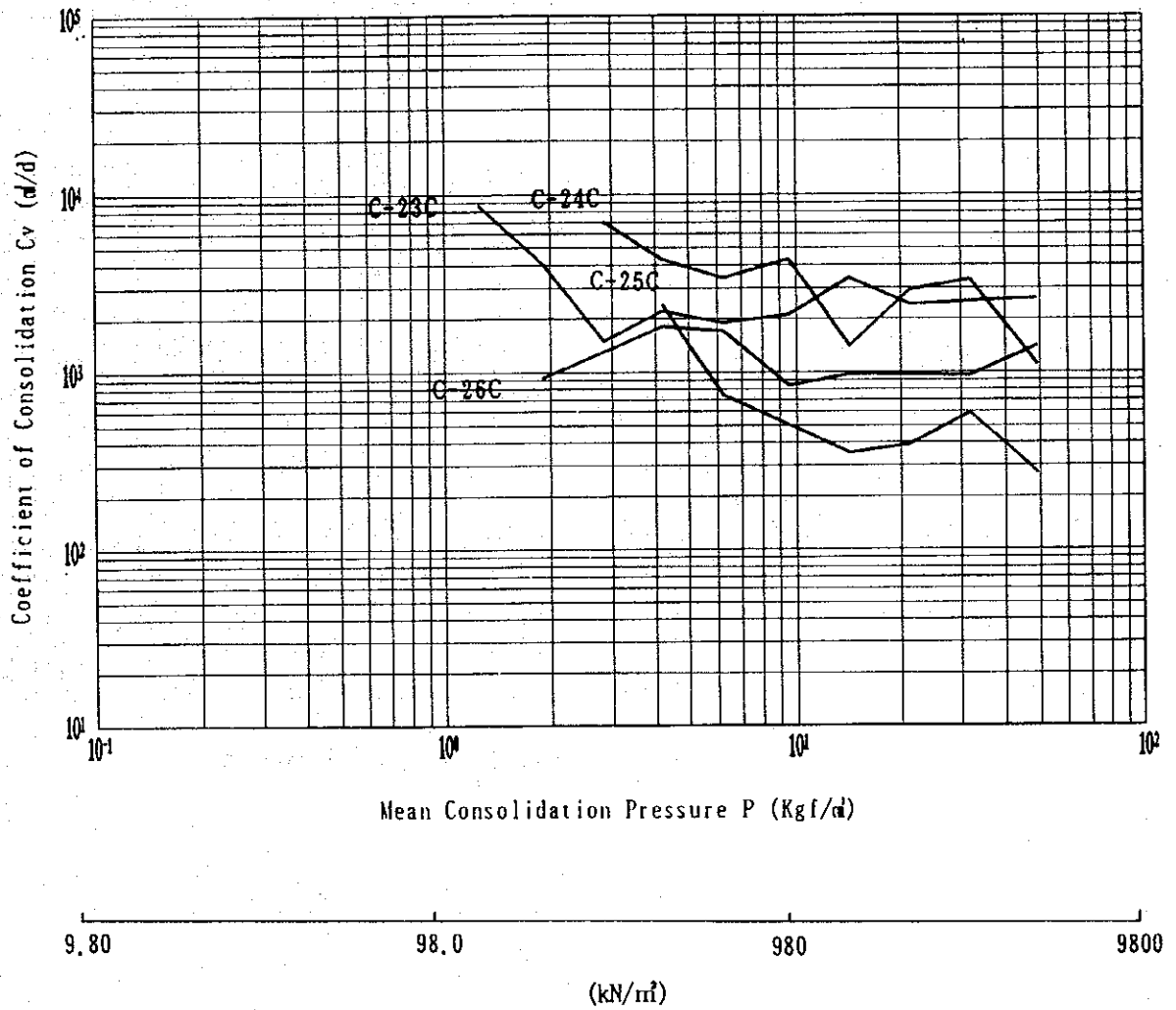
Coefficient of Consolidation, Cv versus Pressure Curves at Site-C [Bk]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



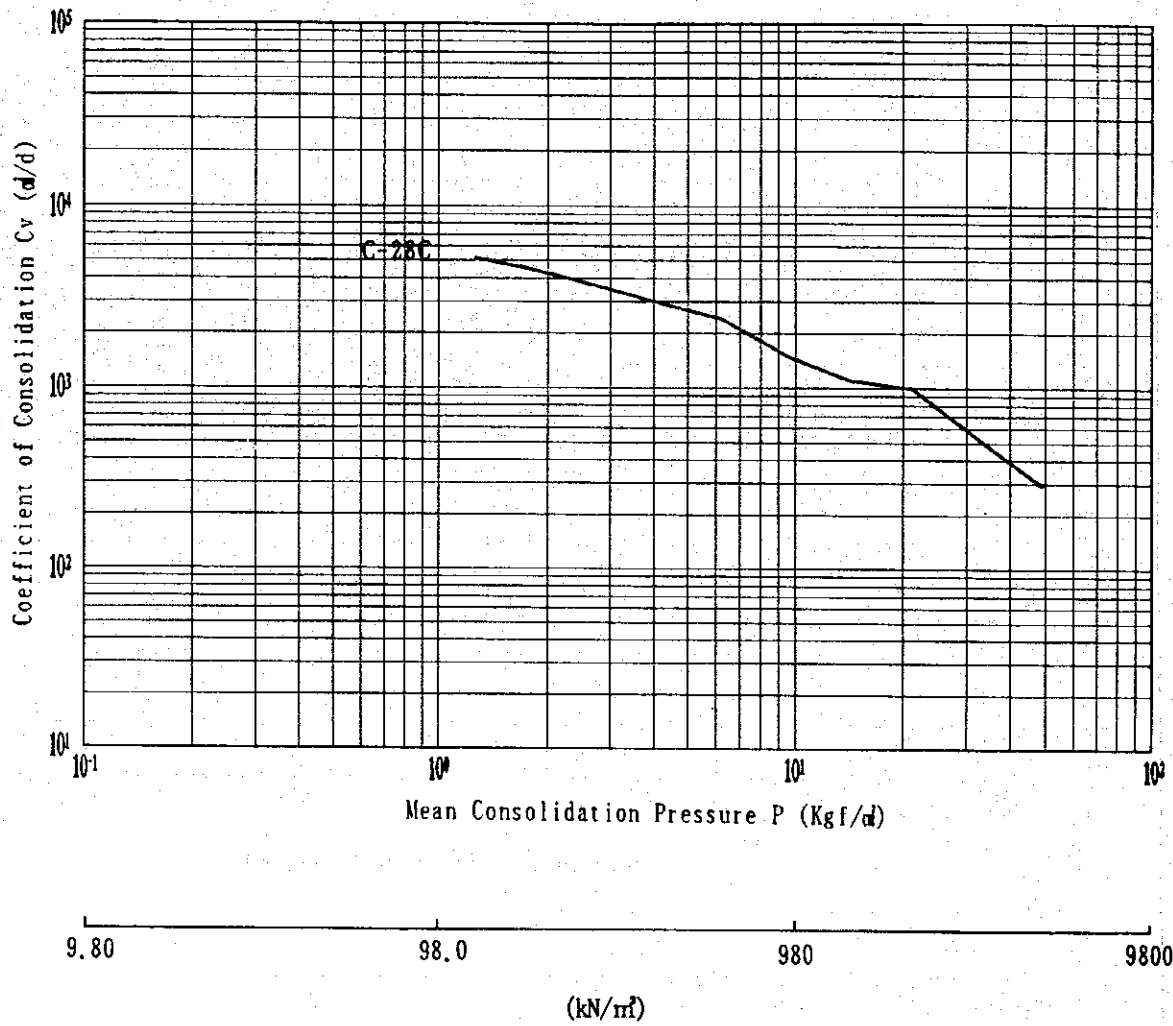
Coefficient of Consolidation, C_v versus Pressure Curves at Site-C [Pd]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDECE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



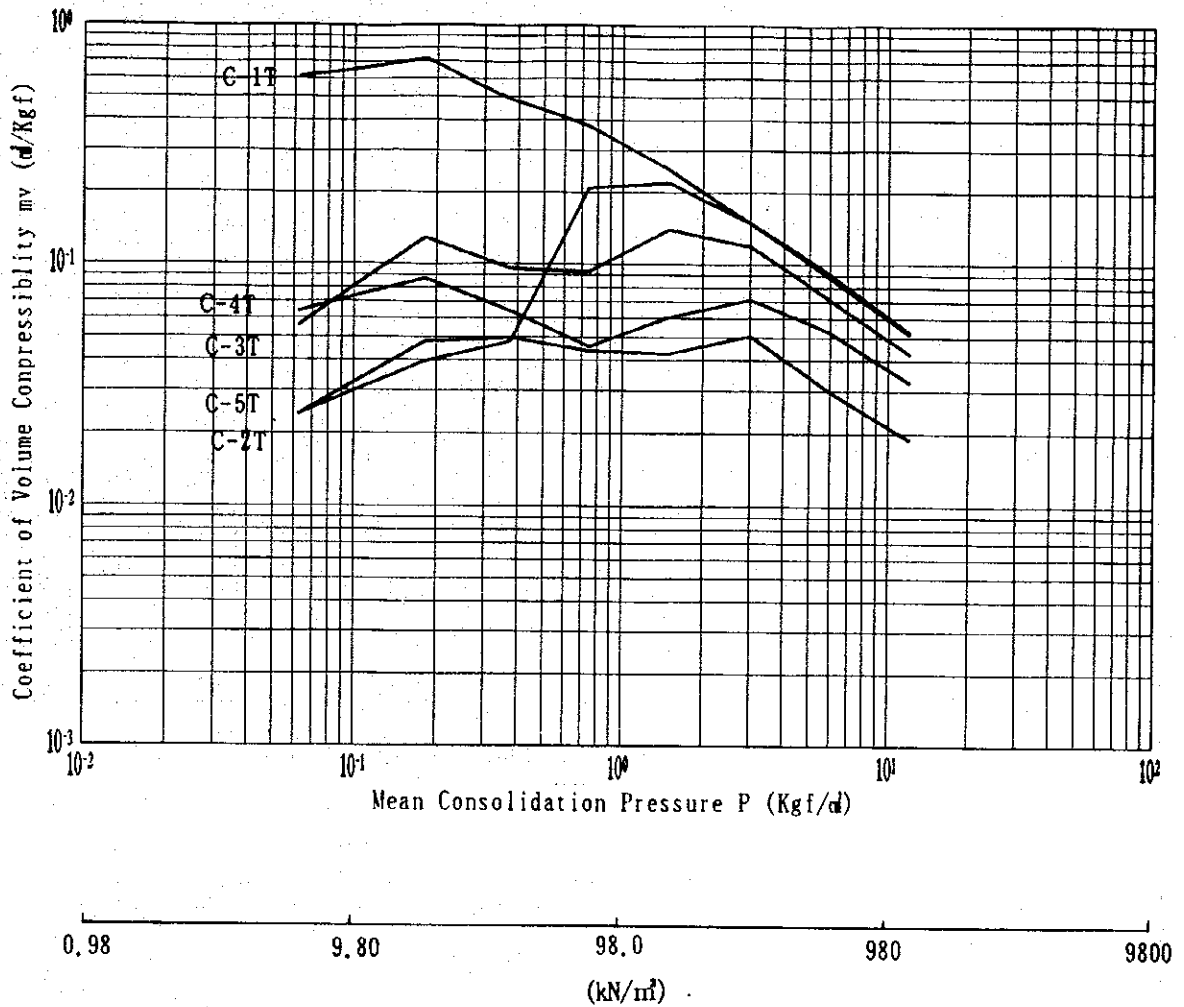
Coefficient of Consolidation, C_v versus Pressure Curves at Site-C [NI]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



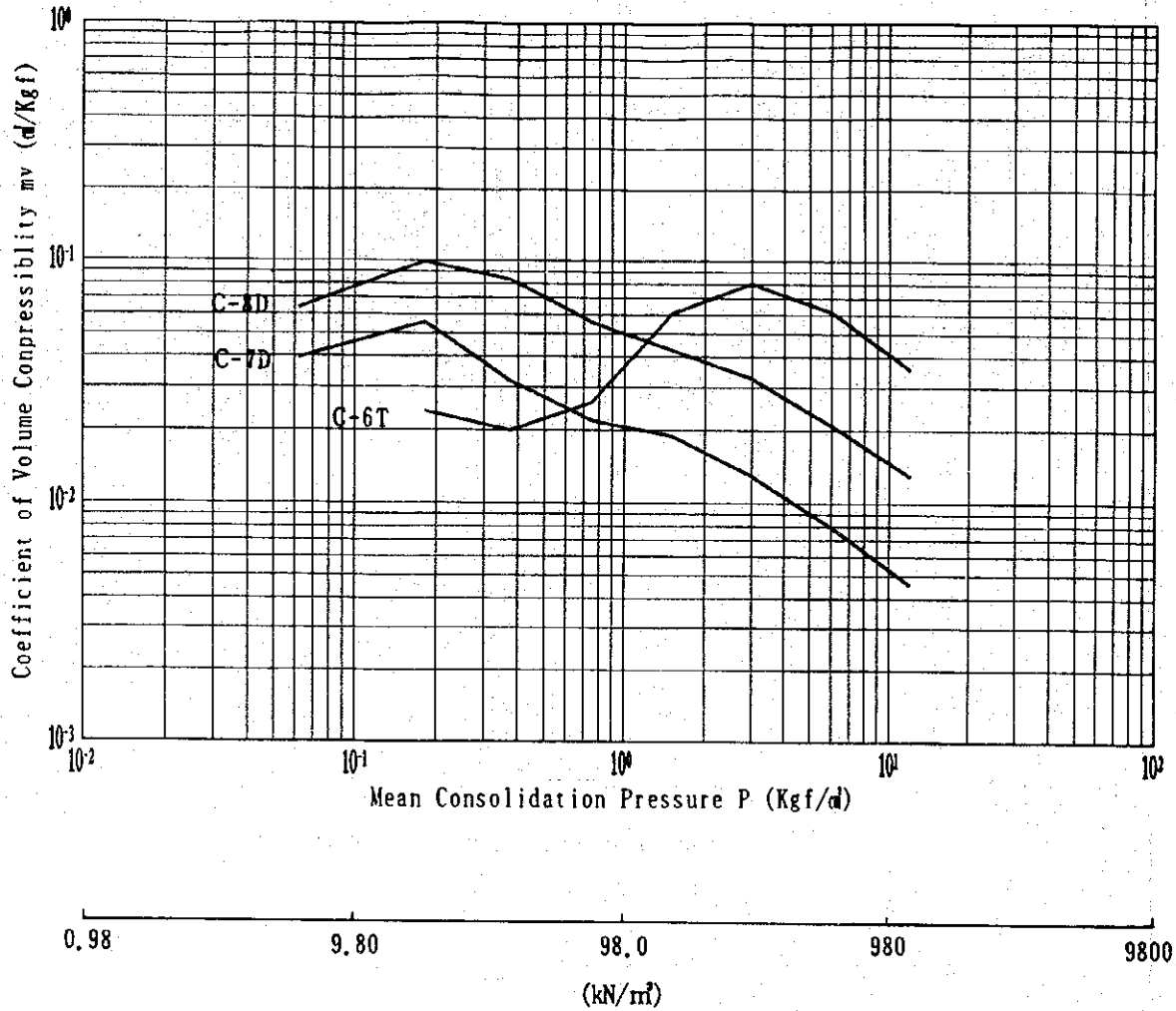
Coefficient of Consolidation, C_v versus Pressure Curves at Site-C [Nb]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



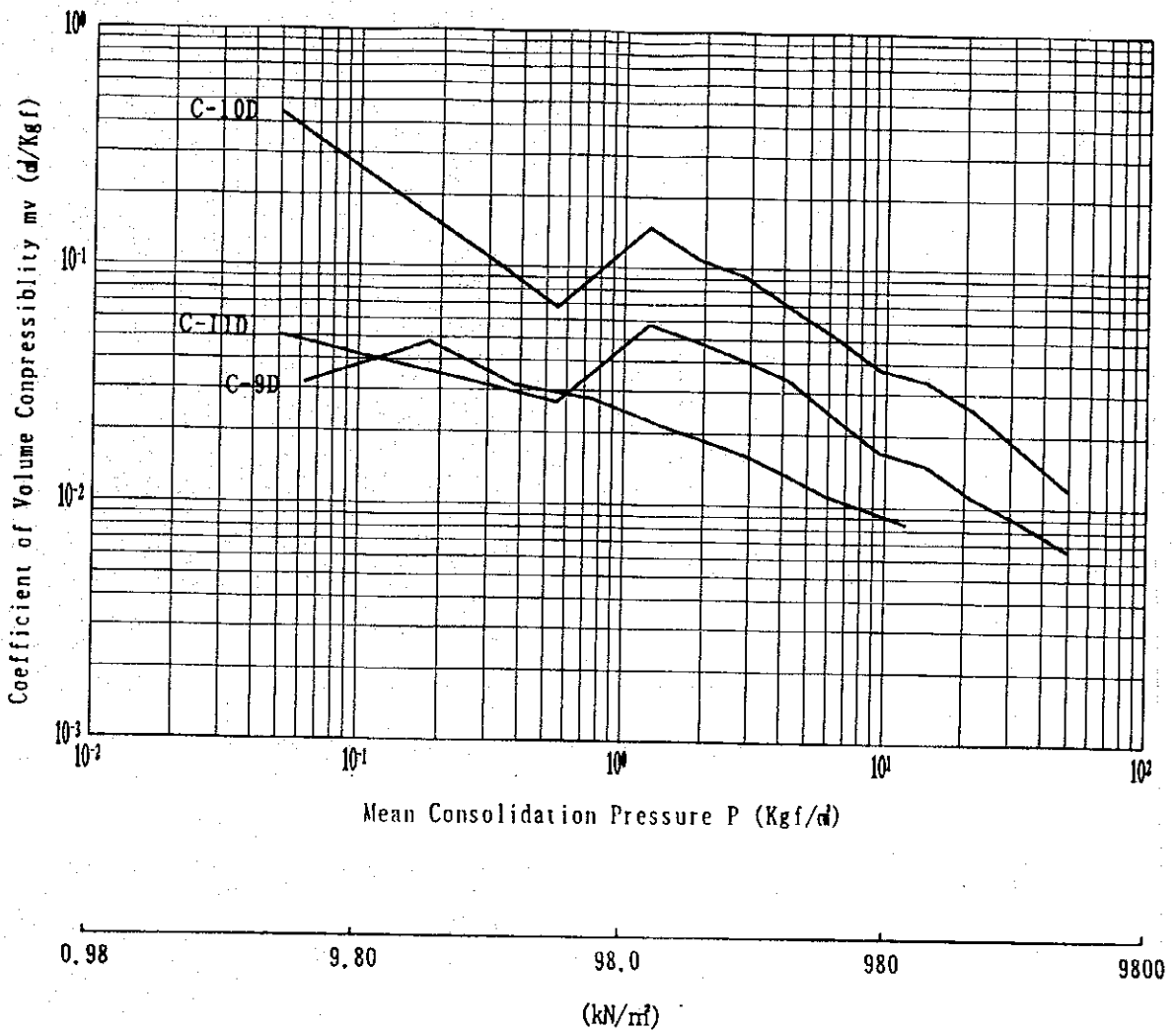
Coefficient of Consolidation, Cv versus Pressure Curves at Site-C [Sk]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



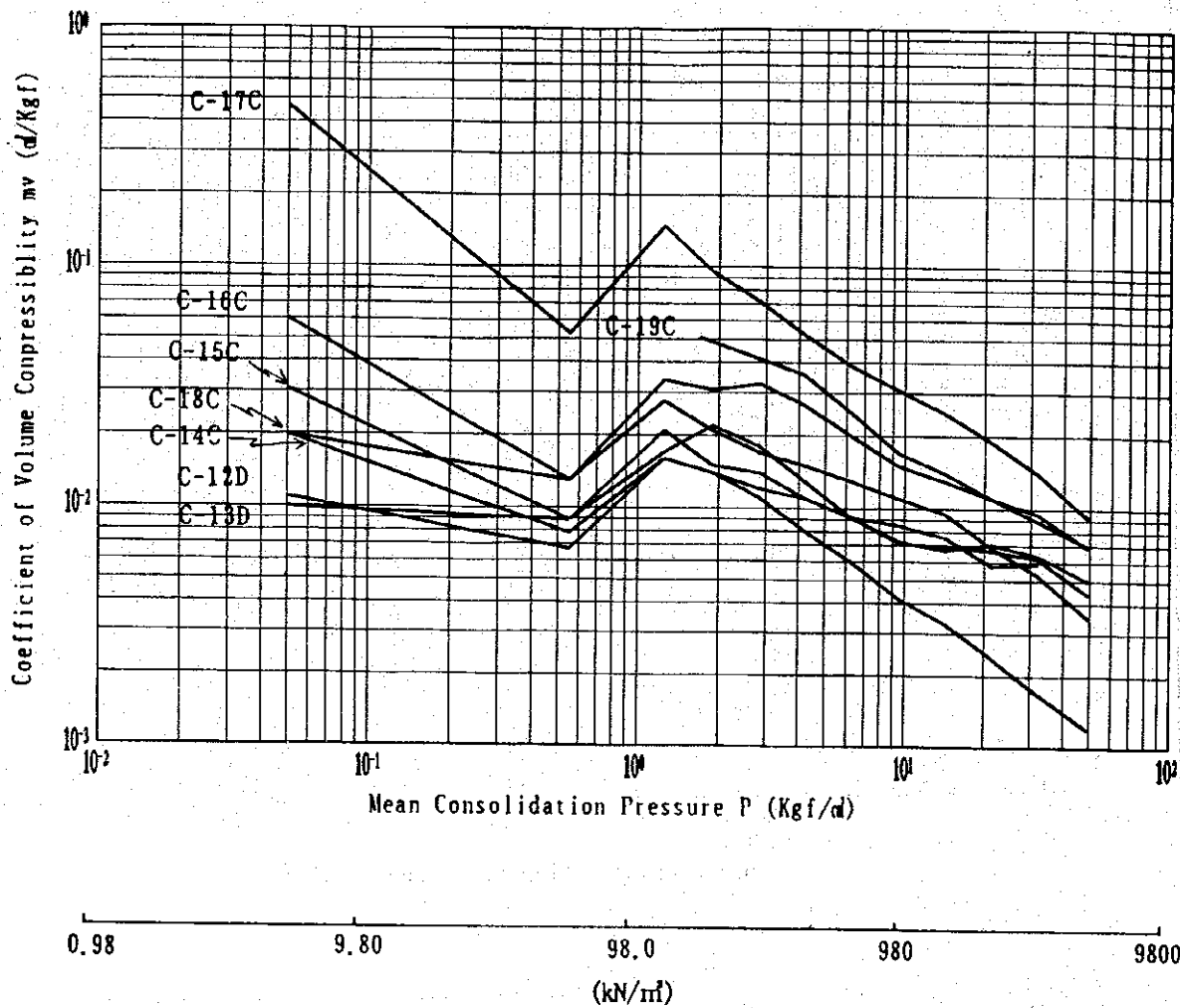
Coefficient of Volume Compressibility, mv versus Pressure Curves at Site-C [Sf]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



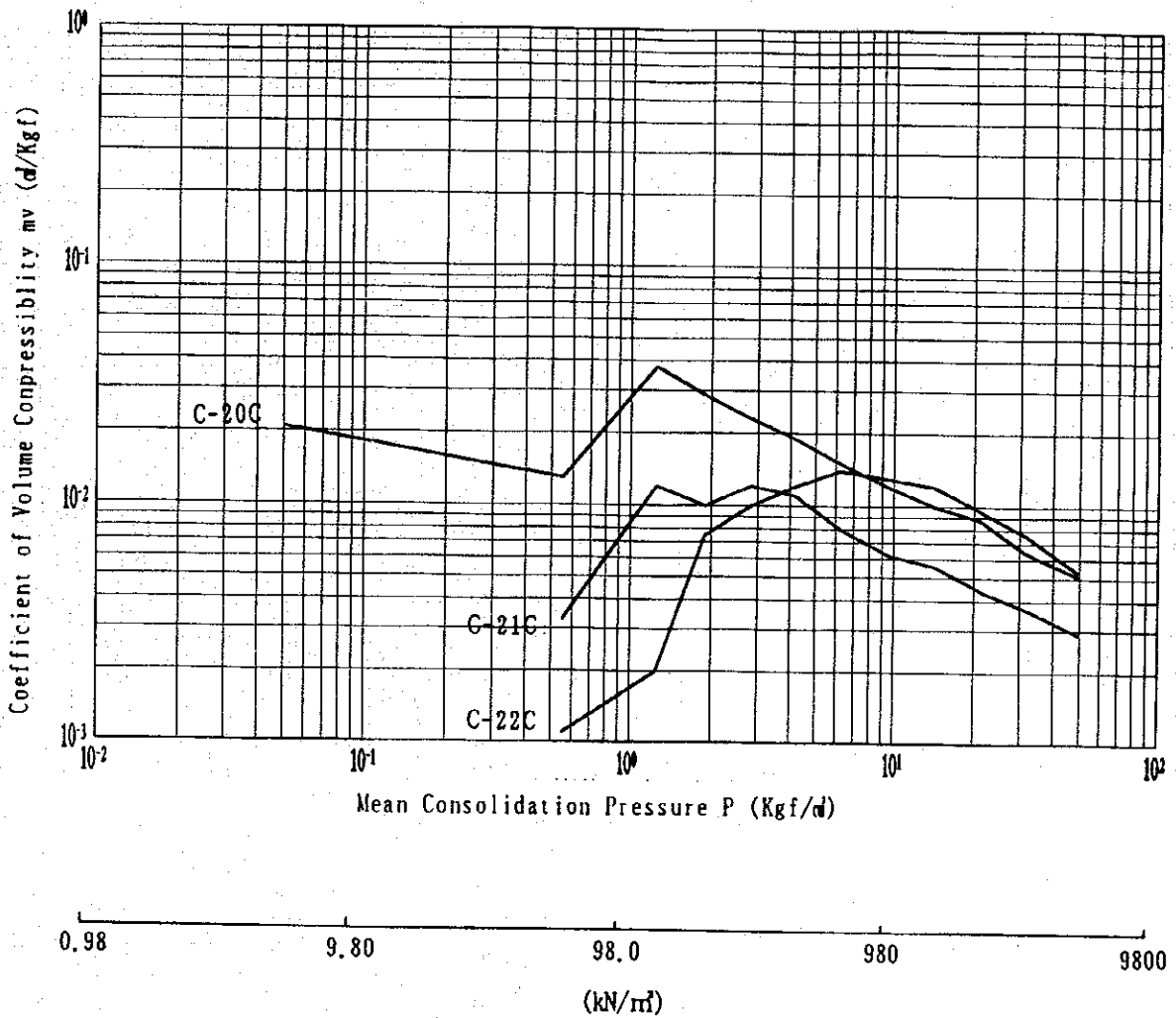
	Coefficient of Volume Compressibility, mv versus Pressure Curves at Site-C [St]
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



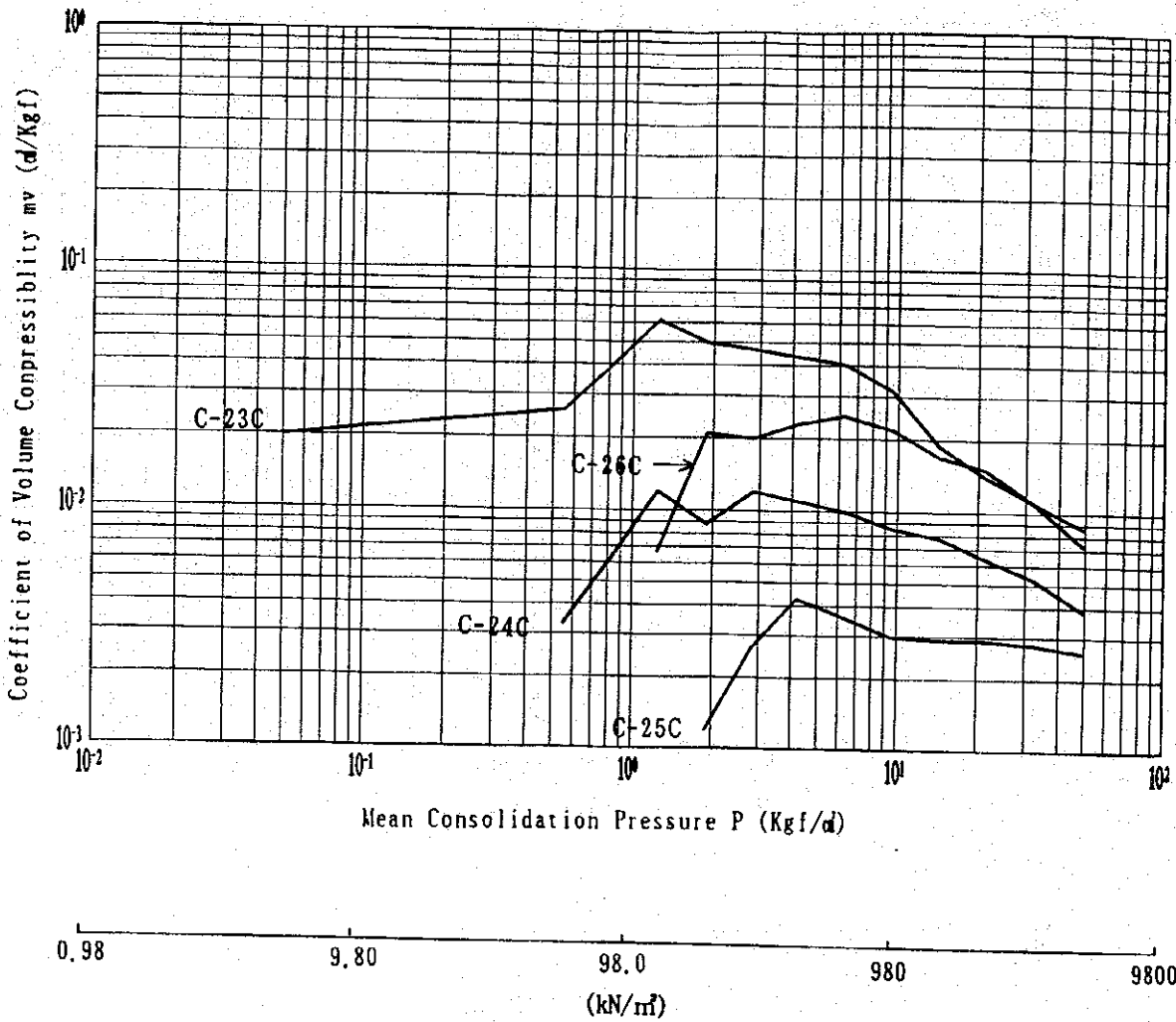
	Coefficient of Volume Compressibility, m_v versus Pressure Curves at Site-C [Bk]
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
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	Coefficient of Volume Compressibility, mv versus Pressure Curves at Site-C [Pd]
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDECE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD



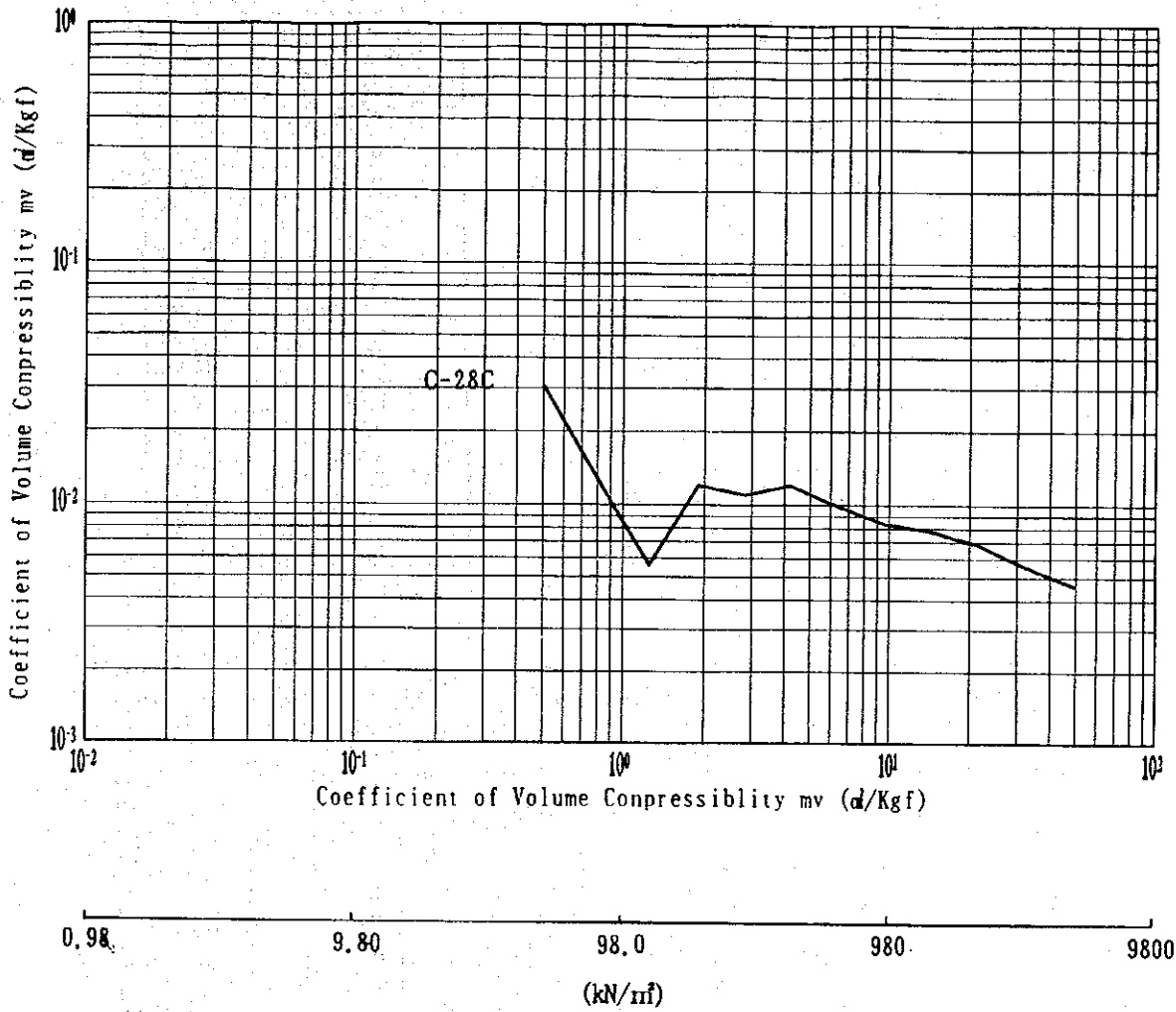
Coefficient of Volume Compressibility, m_v versus Pressure Curves at Site-C [N1]	
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD.



Coefficient of Volume Compressibility,
mv versus Pressure Curves at Site-C [No]

THE STUDY ON MANEGEMENT OF GROUNDWATER AND LAND SUBSIDECE
IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) | KOKUSAI KOGYO CO., LTD



	Coefficient of Volume Compressibility, mv versus Pressure Curves at Site-C [Sk]
THE STUDY ON MANAGEMENT OF GROUNDWATER AND LAND SUBSIDENCE IN THE BANGKOK METROPOLITAN AREA AND ITS VICINITY	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	KOKUSAI KOGYO CO., LTD

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GRAIN SIZE ANALYSIS

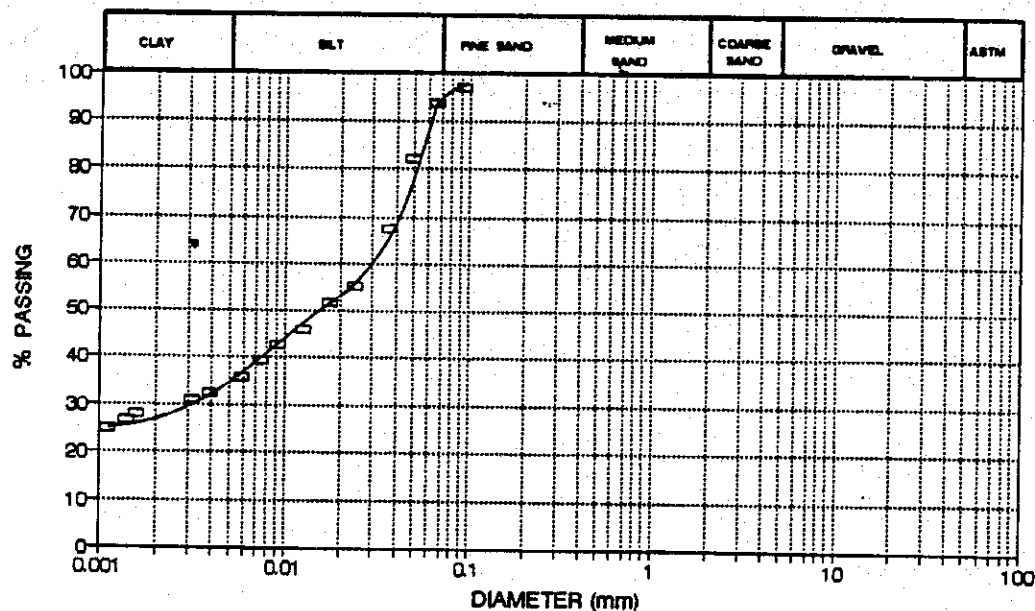
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m): 2.00-2.80 Sample No.: _____ Test No.: AH-32
 Soil Description: _____ Tested By: _____ Date: 3-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0923	97.16
0.0663	93.84
0.0493	82.19
0.0368	67.88
0.0368	67.88
0.0243	55.24
0.0176	51.59
0.0127	45.93
0.0091	42.61
0.0075	39.28
0.0059	35.95
0.0039	32.61
0.0031	30.95
0.0016	27.95
0.0014	26.62
0.0011	24.96



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GRAIN SIZE ANALYSIS

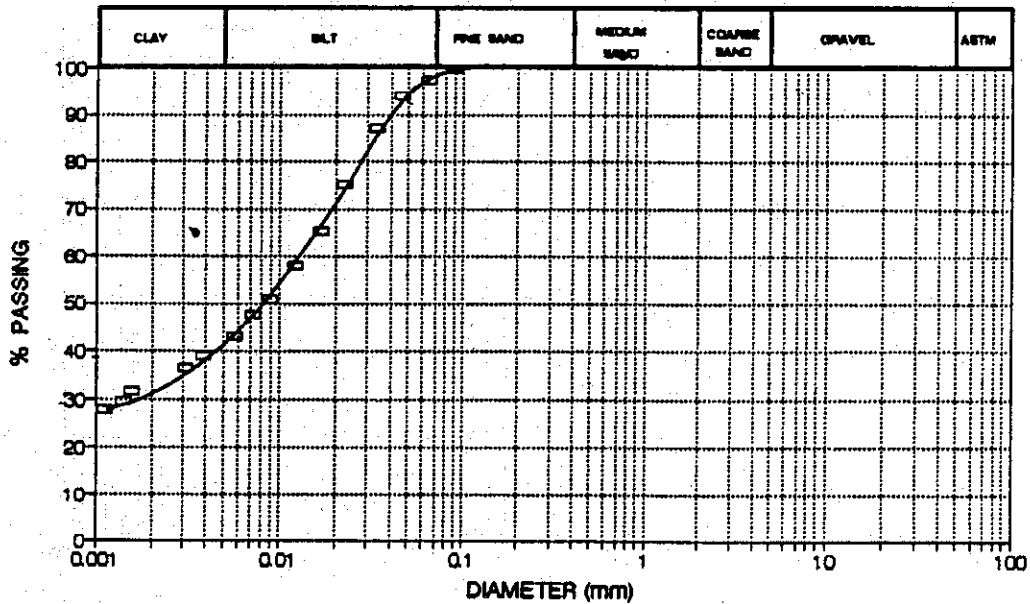
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m): 5.00-5.80 Sample No.: _____ Test No.: AH-33
 Soil Description: _____ Tested By: _____ Date: 3-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.60	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0897	99.64
0.0841	97.42
0.0461	94.25
0.0337	87.27
0.0337	87.27
0.0225	75.21
0.0167	65.39
0.0122	58.09
0.0088	51.11
0.0073	47.61
0.0057	43.17
0.0039	39.04
0.0031	36.50
0.0015	31.74
0.0014	29.83
0.0011	27.93



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GRAIN SIZE ANALYSIS

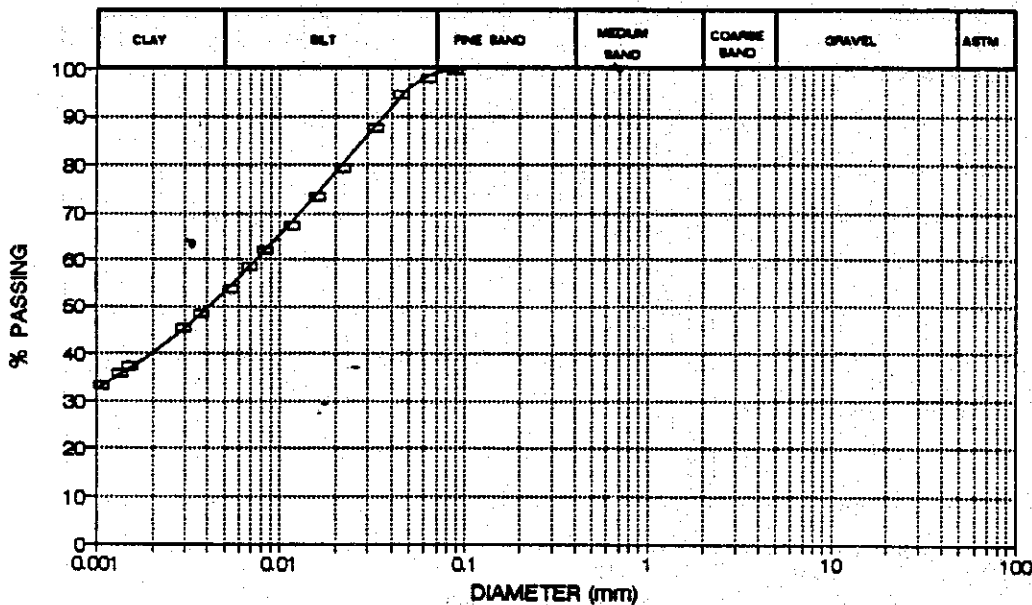
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 8.00-8.80 Sample No.: _____ Test No.: AH-34
 Soil Description: _____ Tested By: _____ Date: 3-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0886	99.70
0.0633	97.78
0.0455	94.59
0.0332	87.88
0.0332	87.88
0.0218	79.57
0.0160	73.52
0.0116	67.45
0.0084	62.01
0.0069	58.50
0.0055	53.70
0.0037	48.58
0.0030	45.38
0.0018	37.39
0.0013	35.79
0.0011	33.24



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GRAIN SIZE ANALYSIS

Project: Subsidence in Bangkok Vicinity
 Borehole No.: C Depth (m) 11.00-11.80
 Soil Description: _____

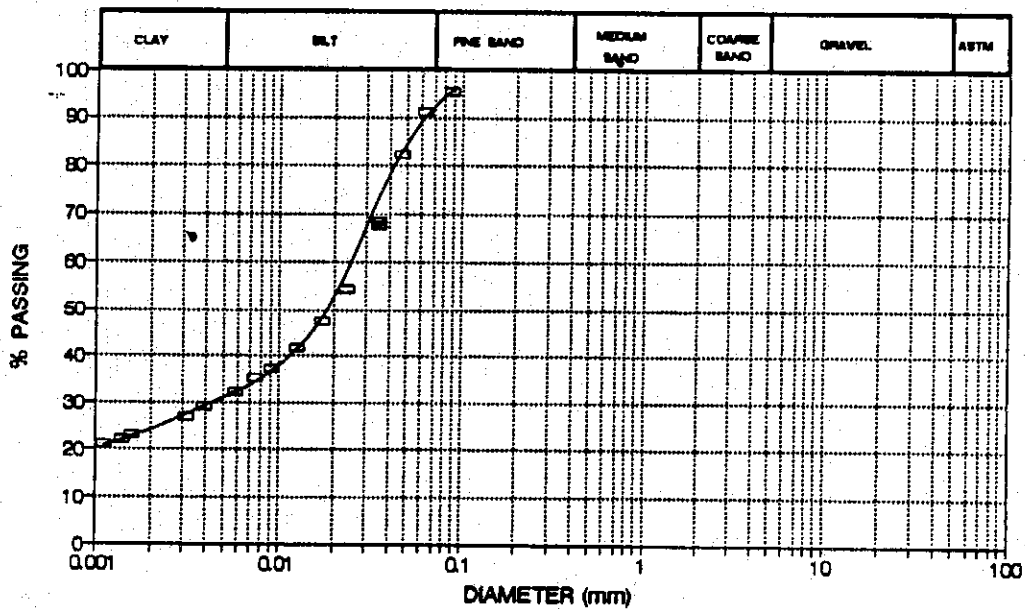
Location: Samut Sakhon
 Sample No.: _____ Test No.: AH-36
 Tested By: _____ Date: 3-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0869	95.60
0.0630	91.21
0.0467	82.44
0.0353	68.41
0.0354	67.83
0.0237	54.38
0.0174	47.67
0.0126	41.82
0.0091	37.43
0.0075	35.09
0.0058	32.17
0.0039	29.24
0.0031	26.90
0.0016	23.10
0.0014	21.93
0.0011	21.05



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GRAIN SIZE ANALYSIS

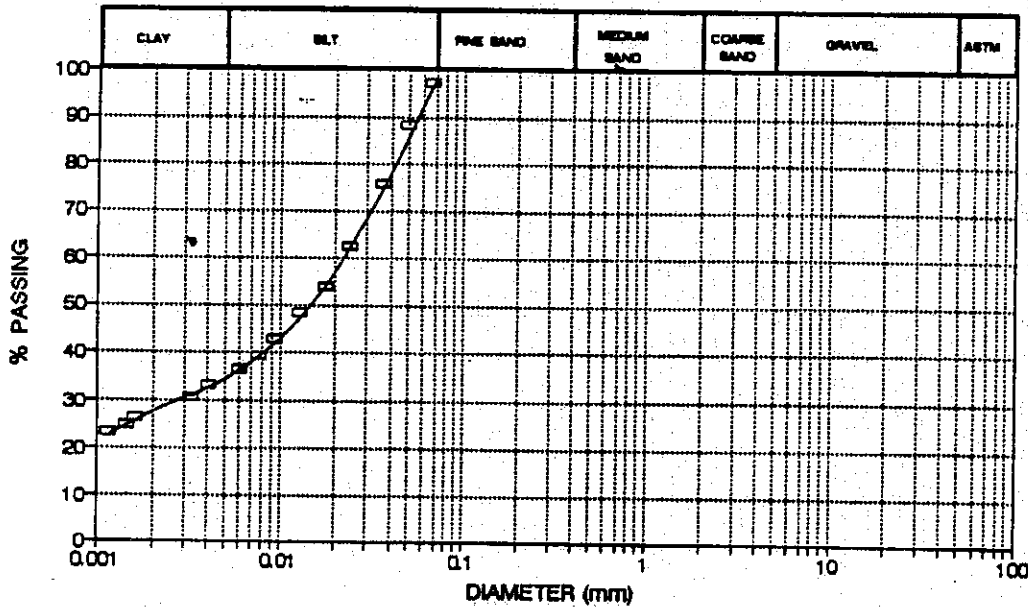
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 13.00-13.80 Sample No.: _____ Test No.: CH-36
 Soil Description: _____ Tested By: _____ Date: 3-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0663	97.35
0.0489	88.32
0.0364	76.07
0.0365	75.75
0.0243	62.54
0.0179	54.17
0.0129	48.37
0.0093	42.89
0.0077	39.34
0.0060	36.44
0.0041	33.21
0.0032	30.63
0.0016	26.44
0.0015	24.82
0.0012	23.53



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GRAIN SIZE ANALYSIS

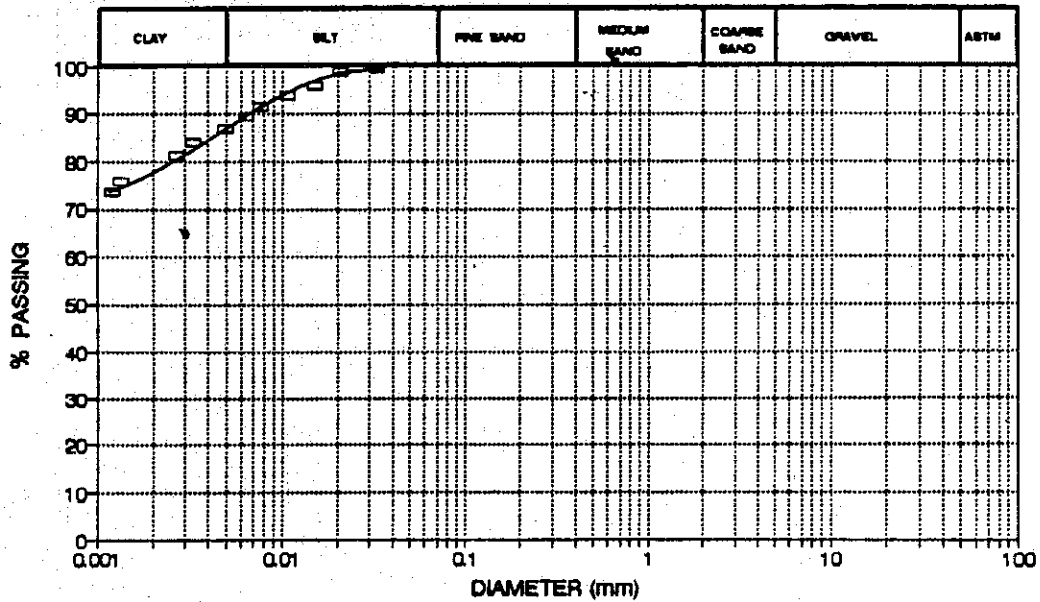
Project: Subsidence in Bangkok Vicinity Location: Samut Sathon
 Borehole No.: C Depth (m): 16.0-16.6 Sample No.: _____ Test No.: AH-37
 Soil Description: _____ Tested By: _____ Date: 3-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0327	99.61
0.0326	99.26
0.0206	98.56
0.0151	95.78
0.0107	94.03
0.0077	91.57
0.0063	89.47
0.0049	87.01
0.0033	84.19
0.0027	81.38
0.0013	76.12
0.0012	74.01
0.0010	73.31



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GRAIN SIZE ANALYSIS

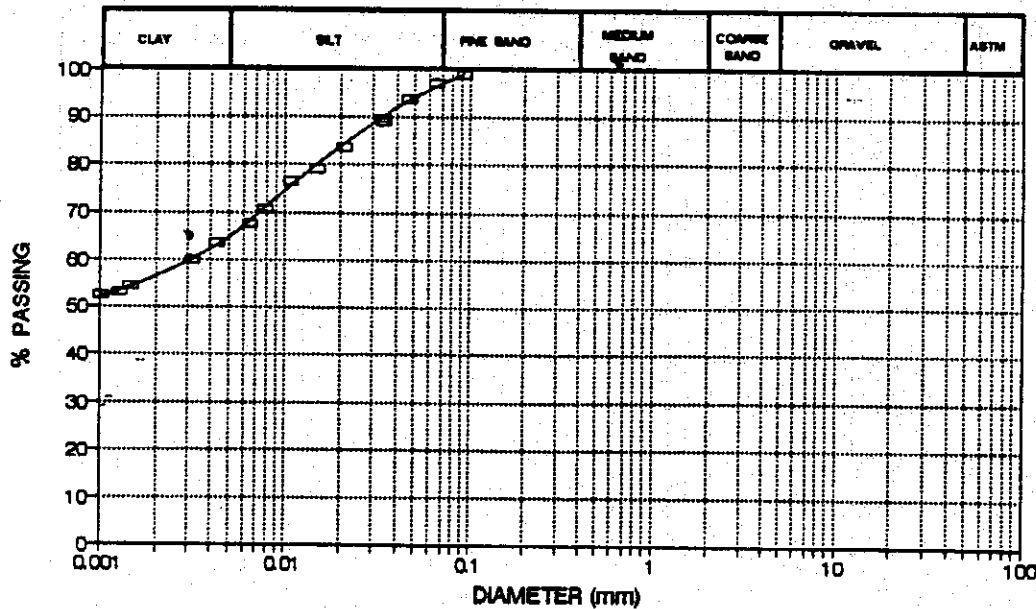
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 19.5-20 Sample No.: _____ Test No.: AH-38
 Soil Description: _____ Tested By: WY Date: 19-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.69	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0920	98.84
0.0656	97.19
0.0471	93.90
0.0340	88.96
0.0339	89.61
0.0210	83.68
0.0151	79.07
0.0108	76.77
0.0078	70.84
0.0065	67.54
0.0043	63.59
0.0032	59.96
0.0015	54.36
0.0013	53.37
0.0010	52.39
0.0010	51.07



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GRAIN SIZE ANALYSIS

Project: Subsidence in Bangkok Vicinity
 Borehole No.: C Depth (m) 28-29
 Soil Description: _____

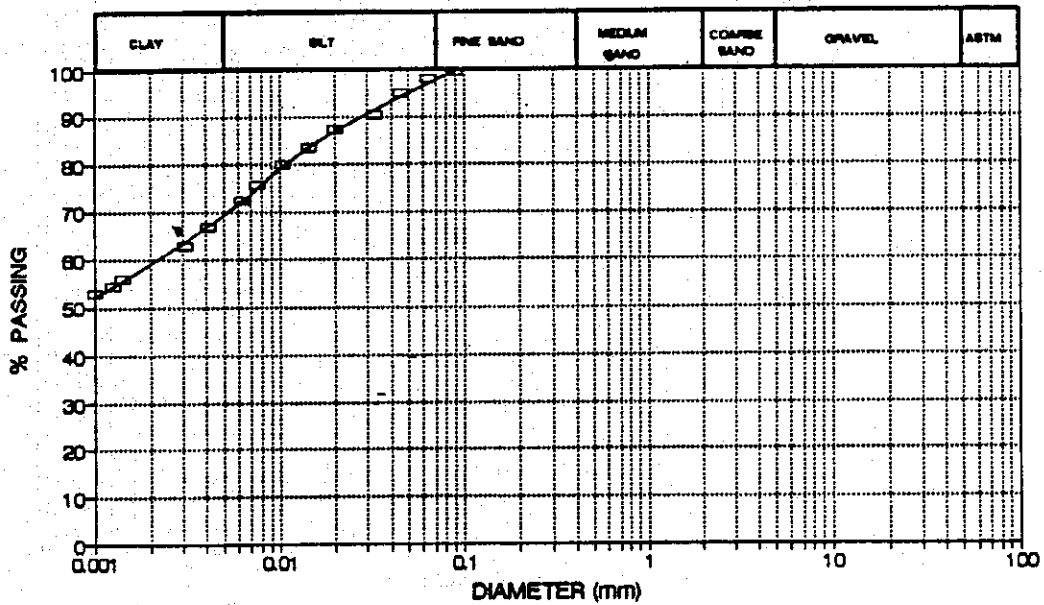
Location: Samut Sakhon
 Sample No.: _____ Test No.: AH-39
 Tested By: WY Date: 19-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	
2.00	
0.84	
0.60	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0888	99.71
0.0633	98.15
0.0455	96.03
0.0329	90.36
0.0329	90.67
0.0200	87.56
0.0145	83.51
0.0104	80.08
0.0075	76.72
0.0062	72.60
0.0041	66.99
0.0031	62.94
0.0014	56.09
0.0013	54.53
0.0010	52.97



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GRAIN SIZE ANALYSIS

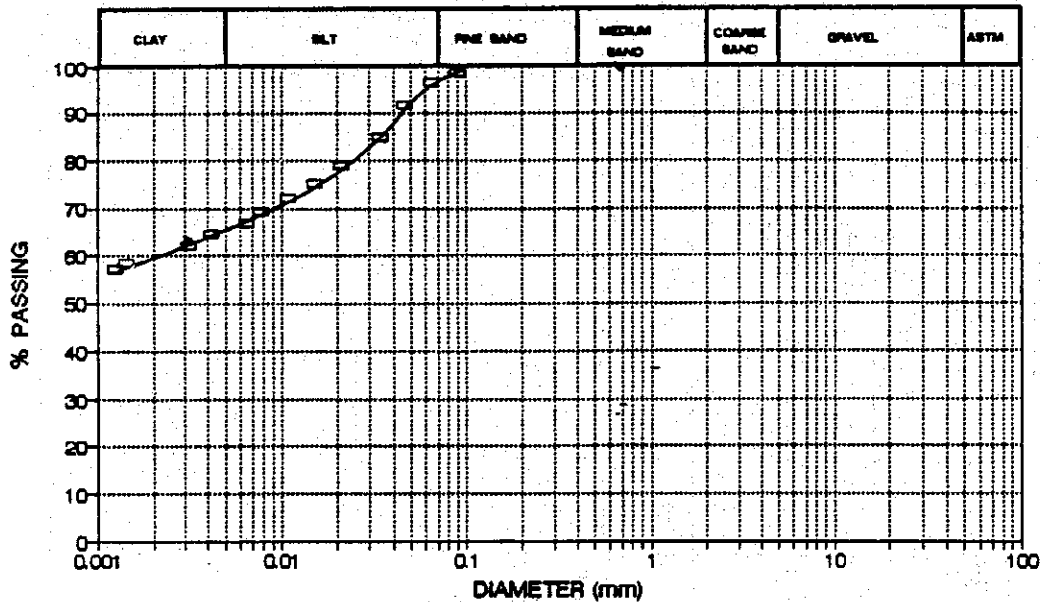
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 35.5-36.5 Sample No.: _____ Test No.: AH-40
 Soil Description: _____ Tested By: WY Date: 19-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0897	96.66
0.0642	96.50
0.0465	91.83
0.0340	84.96
0.0340	84.96
0.0210	79.07
0.0161	75.33
0.0109	72.22
0.0078	69.42
0.0064	66.93
0.0042	64.75
0.0031	62.26
0.0014	58.52
0.0013	57.28
0.0010	56.66



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GRAIN SIZE ANALYSIS

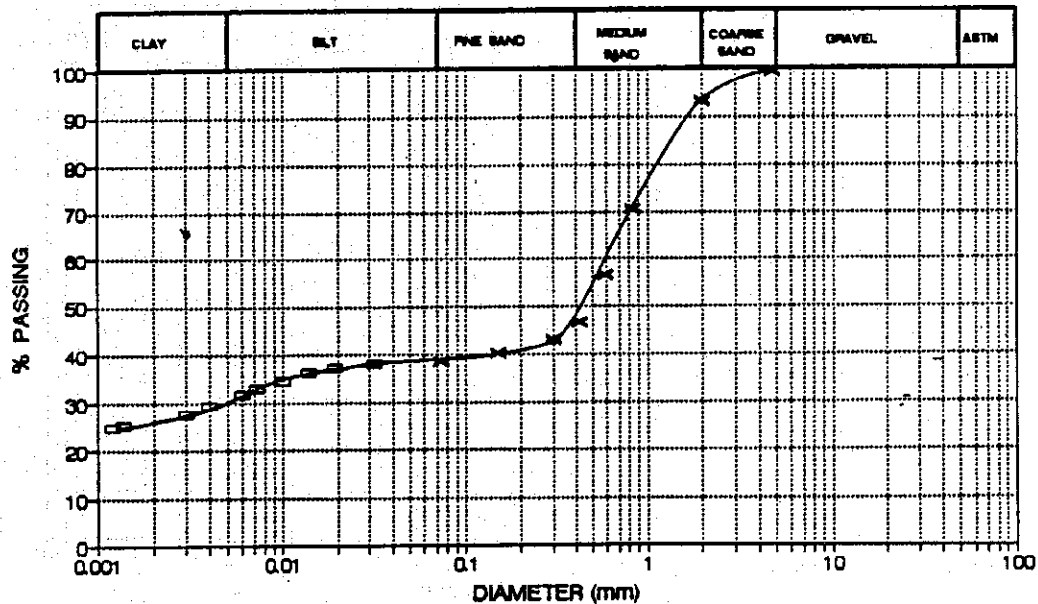
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m): 38-39 Sample No.: Test No.: AH-41
 Soil Description: _____ Tested By: WY Date: 19-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	99.60
2.00	93.30
0.84	70.80
0.69	56.50
0.42	46.60
0.30	43.10
0.15	40.30
0.07	38.70

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0320	38.19
0.0319	38.32
0.0193	37.32
0.0139	36.19
0.0100	34.69
0.0072	32.93
0.0060	31.68
0.0040	29.43
0.0030	27.68
0.0014	25.30
0.0012	24.92
0.0010	24.42



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GRAIN SIZE ANALYSIS

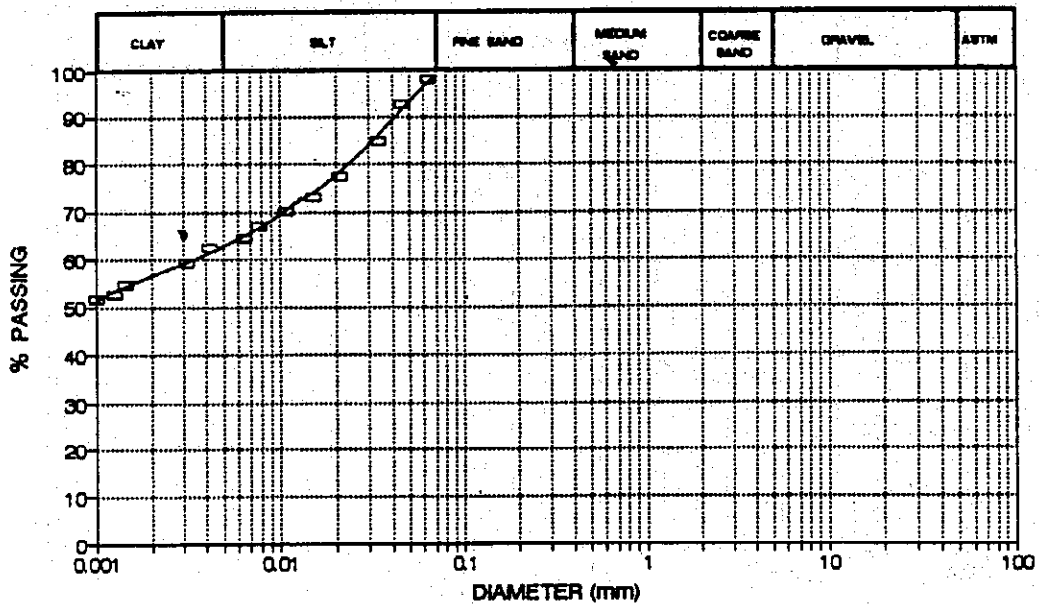
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 41-42 Sample No.: _____ Test No.: AH-42
 Soil Description: _____ Tested By: WY Date: 19-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0632	96.04
0.0459	92.80
0.0338	84.79
0.0337	85.10
0.0210	77.70
0.0152	73.38
0.0109	70.30
0.0078	67.21
0.0064	64.75
0.0042	62.59
0.0031	59.51
0.0014	54.88
0.0013	52.72
0.0010	51.80
0.0010	50.56



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GRAIN SIZE ANALYSIS

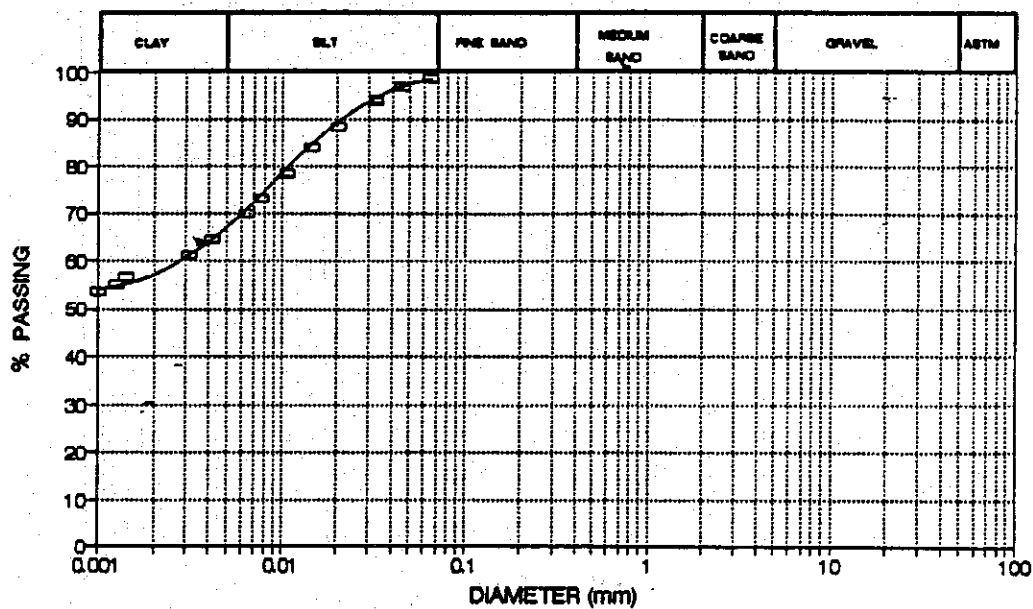
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 45.5-46.5 Sample No.: _____ Test No.: AH-43
 Soil Description: _____ Tested By: WY Date: 19-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0645	96.53
0.0460	96.89
0.0329	93.93
0.0329	94.26
0.0203	88.68
0.0146	84.08
0.0106	78.50
0.0077	73.24
0.0064	69.96
0.0042	64.70
0.0031	61.42
0.0014	56.82
0.0013	55.18
0.0010	53.86



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GEOTECHNICAL AND TRANSPORTATION ENGINEERING DIVISION

GRAIN SIZE ANALYSIS

Project: Subsidence in Bangkok Vicinity
 Borehole No.: C Depth (m) 47-48
 Soil Description: _____

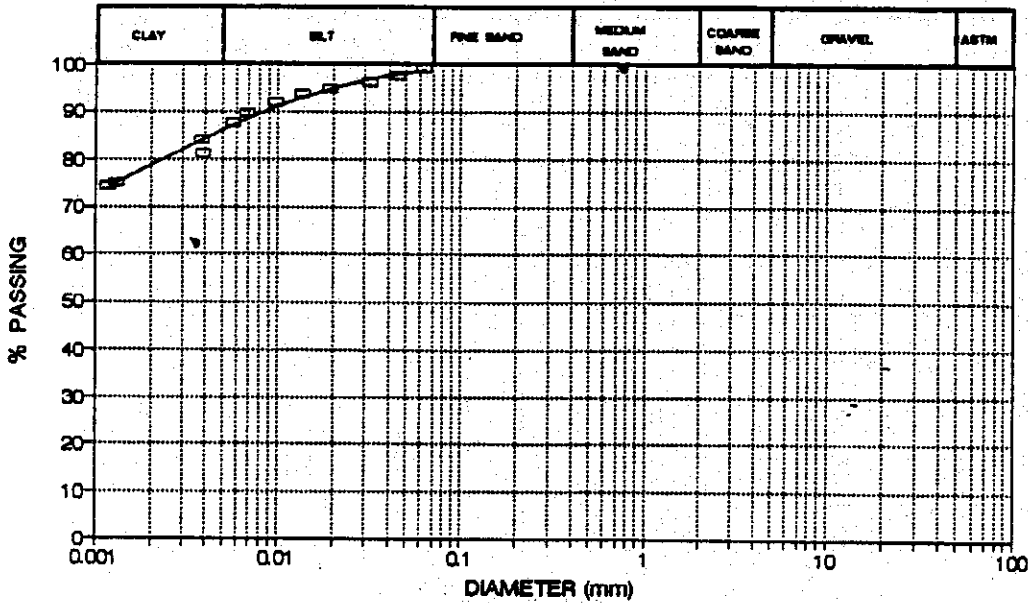
Location: Samut Sakhon
 Sample No.: _____ Test No.: AH-44
 Tested By: WY Date: 19-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0627	99.18
0.0447	97.64
0.0319	96.10
0.0318	96.41
0.0191	94.87
0.0136	93.96
0.0097	92.10
0.0070	89.63
0.0058	87.79
0.0038	84.09
0.0039	81.32
0.0013	75.46
0.0012	74.54



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GRAIN SIZE ANALYSIS

Project: Subsidence In Bangkok Vicinity

Location: Samut Sakhon

Borehole No.: C Depth (m) 57.1-57.6

Sample No.: _____ Test No.: AH-45

Soil Description: _____

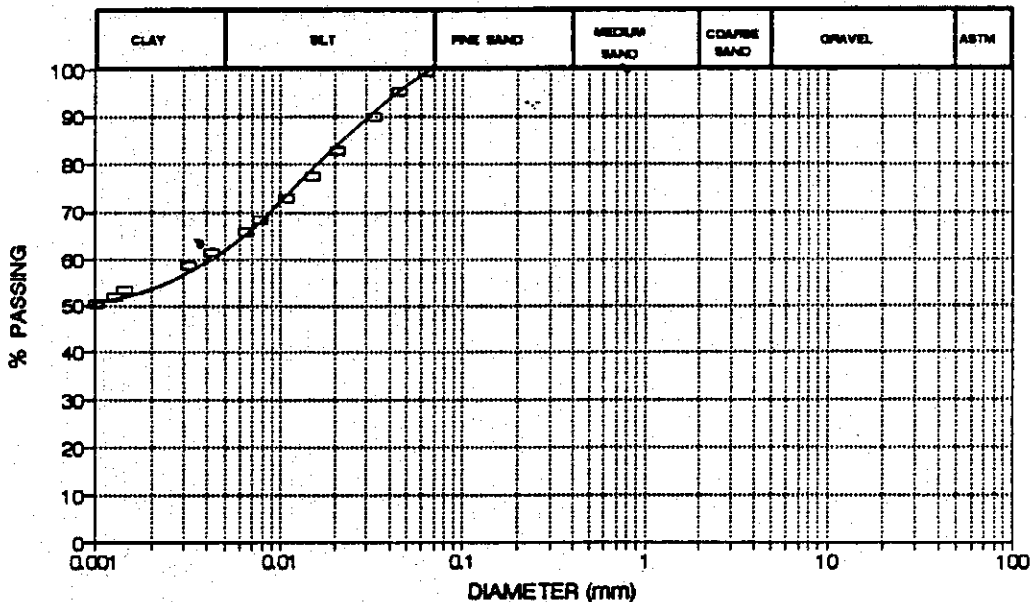
Tested By: WY Date: 19-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0633	99.52
0.0458	95.45
0.0332	90.13
0.0332	90.13
0.0207	82.93
0.0150	77.61
0.0108	72.92
0.0078	68.54
0.0065	66.03
0.0043	61.65
0.0032	58.63
0.0015	53.51
0.0013	51.95
0.0010	50.38
0.0010	49.13



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GRAIN SIZE ANALYSIS

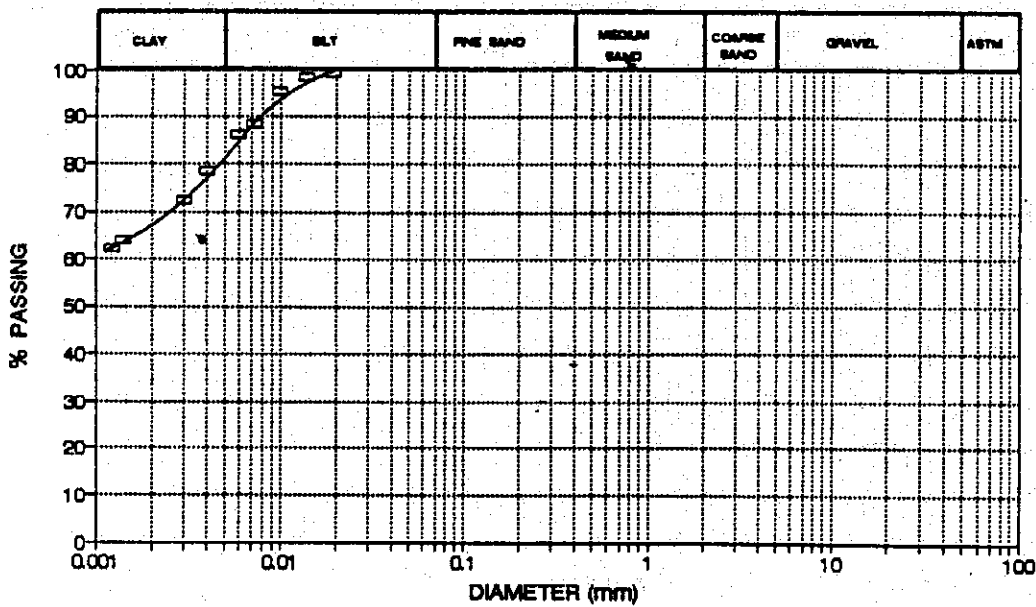
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 69.4-69.9 Sample No.: Test No.: AH-46
 Soil Description: Tested By: WY Date: 19-2-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0194	99.13
0.0137	98.45
0.0099	95.43
0.0072	88.37
0.0060	86.36
0.0040	78.63
0.0030	72.58
0.0014	64.18
0.0012	62.50
0.0010	60.82



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GRAIN SIZE ANALYSIS

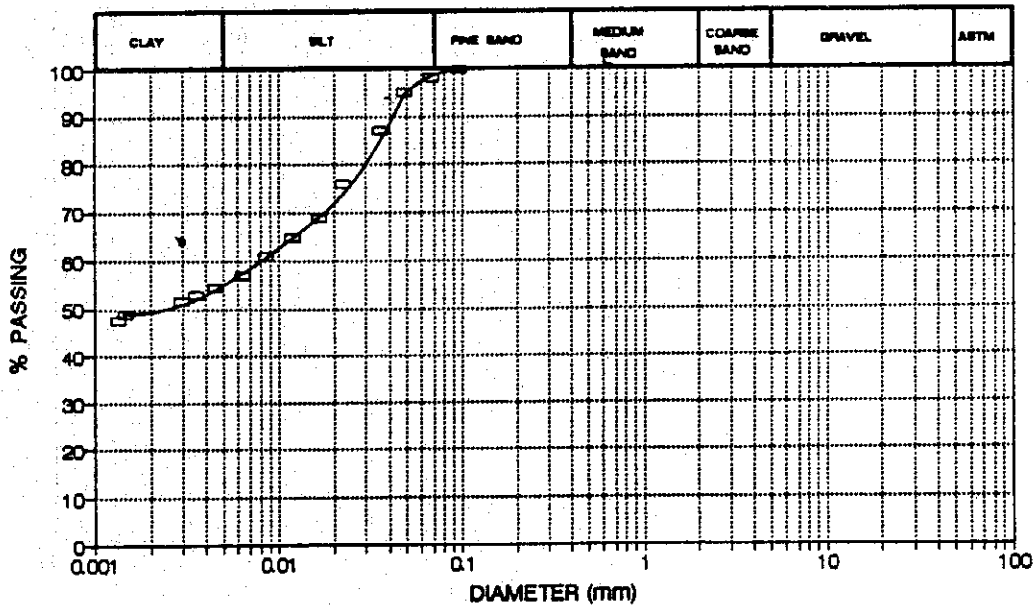
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 66.5-67 Sample No.: _____ Test No.: AH-108
 Soil Description: _____ Tested By: WY Date: 29-3-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.16	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0946	99.89
0.0675	98.31
0.0485	95.14
0.0356	87.21
0.0356	87.21
0.0226	76.11
0.0165	69.13
0.0118	65.01
0.0086	61.20
0.0063	57.08
0.0045	54.54
0.0035	52.96
0.0029	51.69
0.0015	49.15
0.0013	47.57
0.0011	47.25



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GRAIN SIZE ANALYSIS

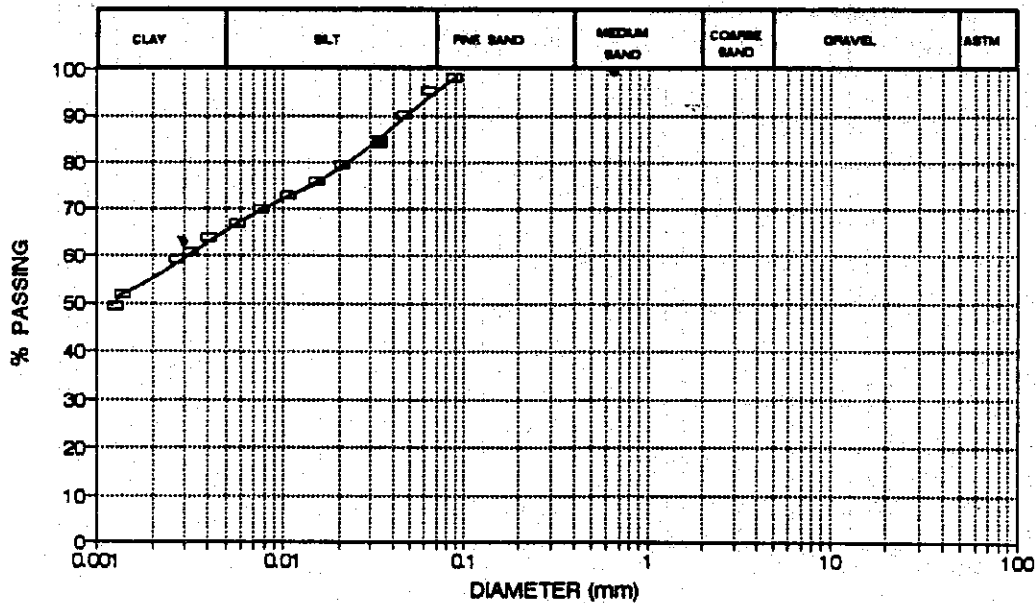
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 70-71 Sample No.: _____ Test No.: AH-109
 Soil Description: _____ Tested By: WY Date: 29-3-93

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0885	96.22
0.0637	95.24
0.0463	90.18
0.0338	84.23
0.0337	84.83
0.0207	79.77
0.0150	75.90
0.0107	72.92
0.0077	69.94
0.0057	66.97
0.0041	63.99
0.0032	61.02
0.0027	59.23
0.0014	52.09
0.0013	49.41
0.0010	46.13



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GRAIN SIZE ANALYSIS

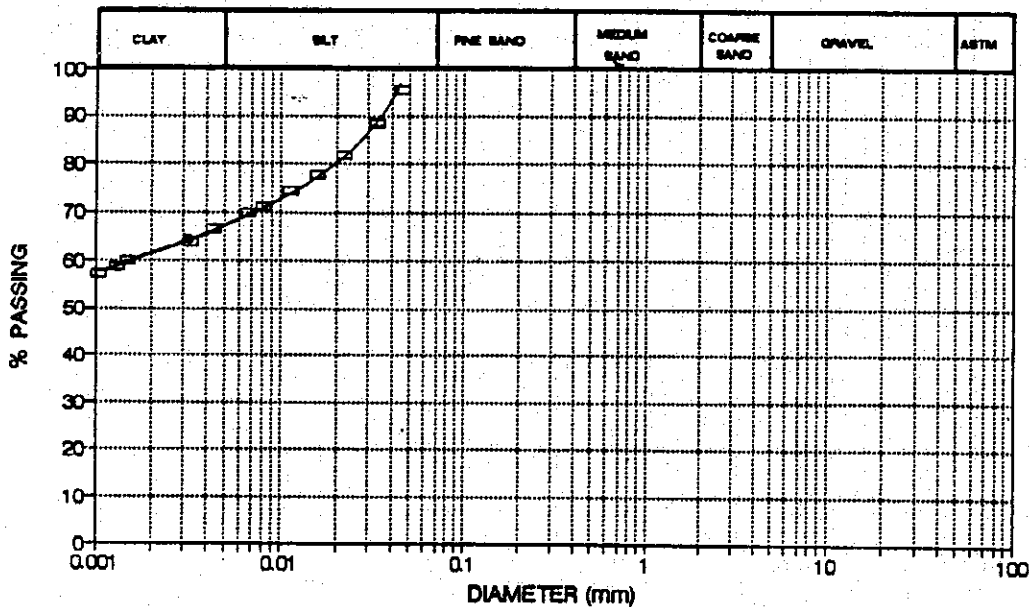
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 101.0-102.0 Sample No.: _____ Test No.: AH-31
 Soil Description: _____ Tested By: _____ Date: 19-2-1983

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0631	100.28
0.0457	95.61
0.0335	88.45
0.0335	88.76
0.0219	81.91
0.0157	77.86
0.0113	74.43
0.0081	71.32
0.0066	70.07
0.0044	66.65
0.0033	63.84
0.0015	60.11
0.0013	58.86
0.0010	57.30
0.0010	56.06



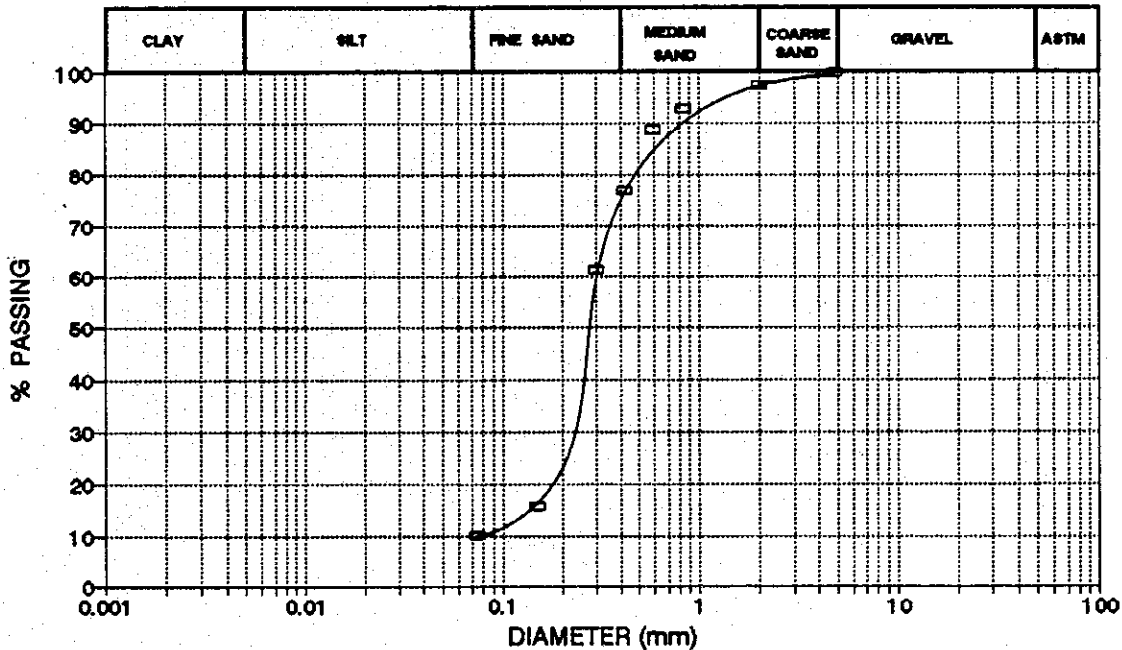
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 104.00-104.50 Sample No.: SS-C-1C Test No.: S-32
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container+ Dry Soil	450.00 g
Weight of Dry Soil	350.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	0.00	0.00	0.0	100.0
10	2.00	9.13	9.13	2.6	97.4
20	0.84	15.63	24.76	7.1	92.9
30	0.59	14.10	38.86	11.1	88.9
40	0.42	41.15	80.01	22.9	77.1
50	0.30	55.02	135.03	38.6	61.4
100	0.15	159.23	294.26	84.1	15.9
200	0.07	20.20	314.46	89.8	10.2



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GRAIN SIZE ANALYSIS

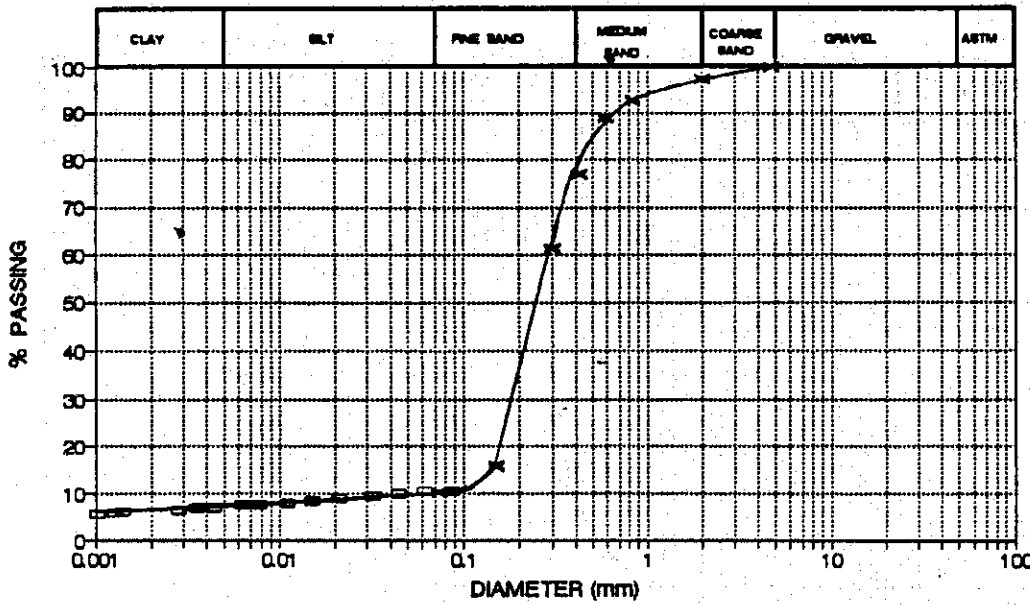
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m): 104.0-104.5 Sample No.: _____ Test No.: AH-27
 Soil Description: _____ Tested By: WY Date: 16-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	100.00
2.00	97.40
0.84	92.90
0.59	88.90
0.42	77.10
0.30	61.40
0.15	15.90
0.07	10.20

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0862	10.39
0.0615	10.23
0.0444	9.86
0.0323	9.30
0.0322	9.33
0.0209	8.84
0.0150	8.60
0.0109	7.91
0.0078	7.60
0.0062	7.44
0.0044	6.98
0.0035	6.76
0.0028	6.48
0.0014	6.05
0.0013	5.77
0.0010	5.58



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GRAIN SIZE ANALYSIS

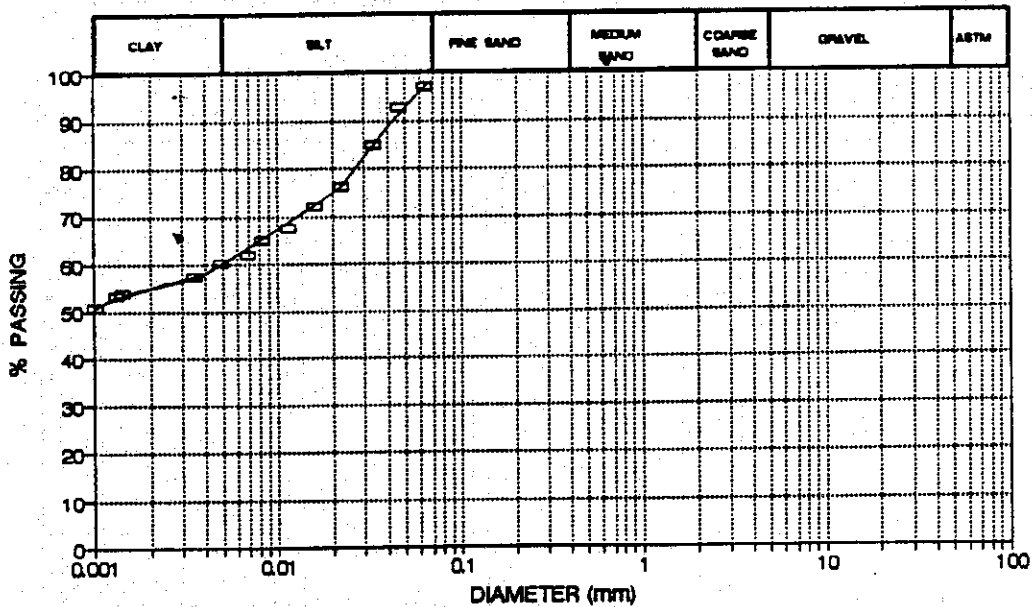
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 131.0-132.0 Sample No.: _____ Test No.: AH-54
 Soil Description: _____ Tested By: _____ Date: 25-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0640	97.07
0.0462	92.93
0.0338	85.30
0.0339	84.98
0.0222	76.38
0.0160	72.25
0.0115	67.79
0.0082	65.24
0.0068	62.06
0.0048	60.47
0.0035	57.61
0.0014	54.11
0.0013	53.47
0.0010	50.92
0.0010	50.60



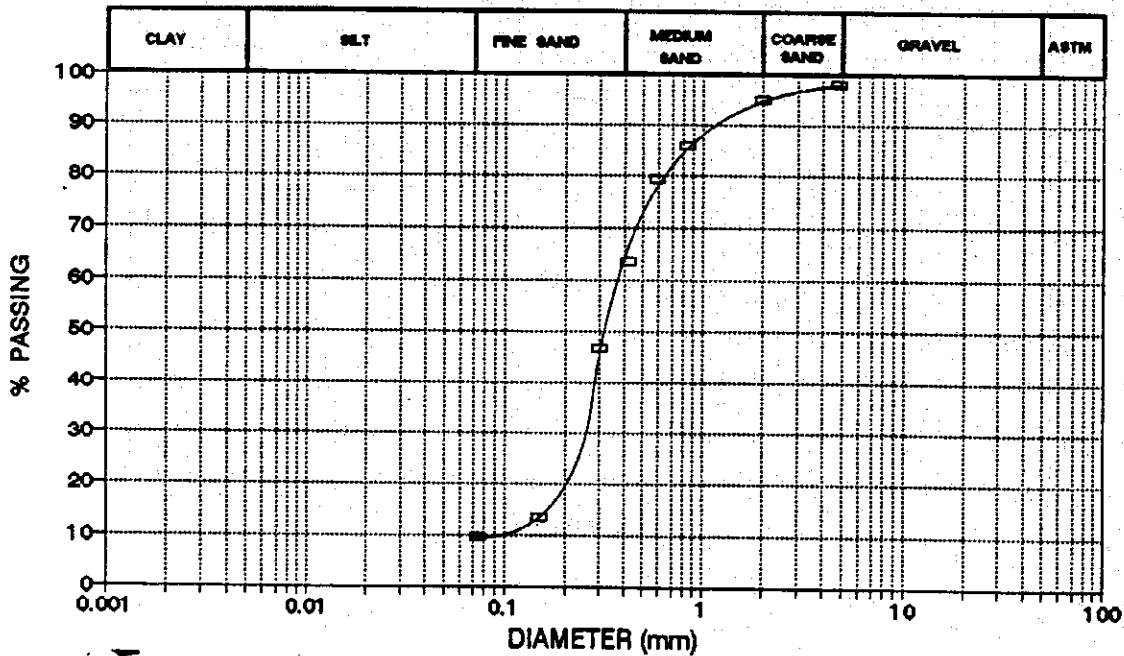
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 133.00-133.50 Sample No.: SS-C-2C Test No.: S-33
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container + Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.75	7.44	7.44	1.9	98.1
10	2.00	12.31	19.75	4.9	95.1
20	0.84	36.59	56.34	14.1	85.9
30	0.59	25.81	82.15	20.5	79.5
40	0.42	63.73	145.88	36.5	63.5
50	0.30	67.67	213.55	53.4	46.6
100	0.15	133.58	347.13	86.8	13.2
200	0.07	14.78	361.91	90.5	9.5



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GRAIN SIZE ANALYSIS

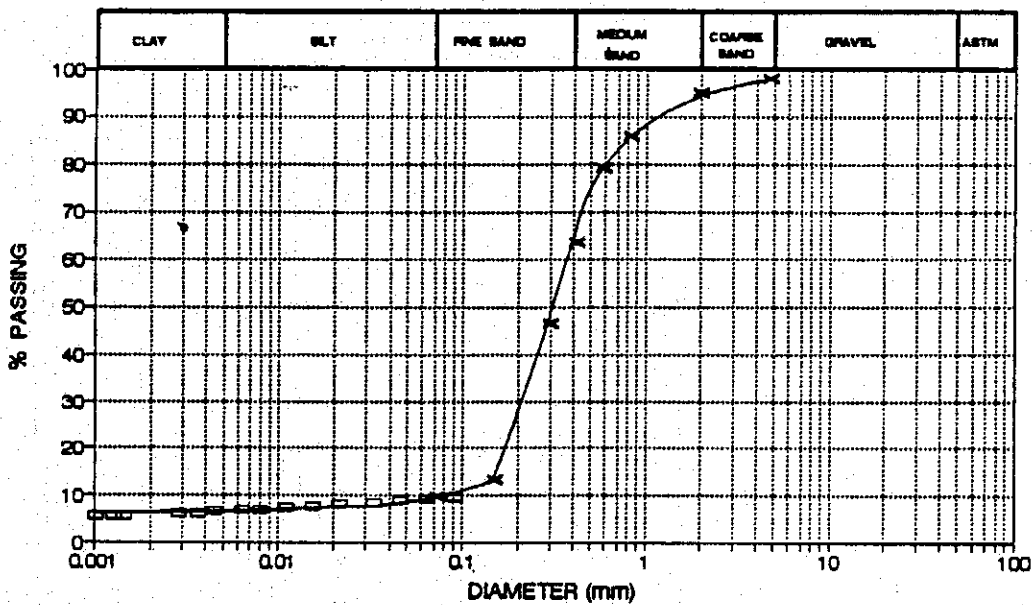
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 133.0-133.5 Sample No.: _____ Test No.: AM-28
 Soil Description: _____ Tested By: _____ Date: 15-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	96.10
2.00	95.10
0.84	85.90
0.59	79.50
0.42	63.50
0.30	46.60
0.15	13.20
0.07	9.50

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0907	9.31
0.0647	9.16
0.0464	8.86
0.0334	8.50
0.0334	8.53
0.0216	8.05
0.0155	7.75
0.0112	7.33
0.0080	7.00
0.0064	6.89
0.0044	6.55
0.0036	6.25
0.0028	6.13
0.0014	5.71
0.0013	5.53
0.0010	5.41



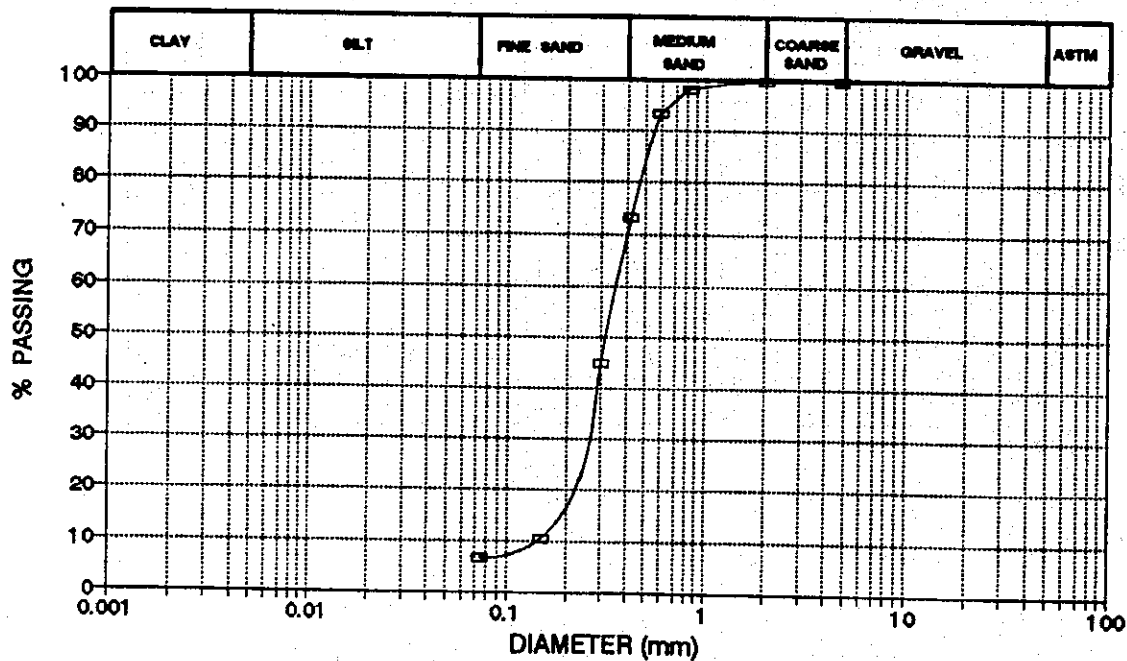
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 138.00-138.50 Sample No.: SS-C-3C Test No.: S-34
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container+ Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.75	0.00	0.00	0.0	100.0
10	2.00	0.30	0.30	0.1	99.9
20	0.84	6.84	7.14	1.8	98.2
30	0.59	19.17	26.31	6.6	93.4
40	0.42	80.36	106.67	26.7	73.3
50	0.30	114.29	220.96	55.2	44.8
100	0.15	137.62	358.58	89.6	10.4
200	0.07	16.15	374.73	93.7	6.3



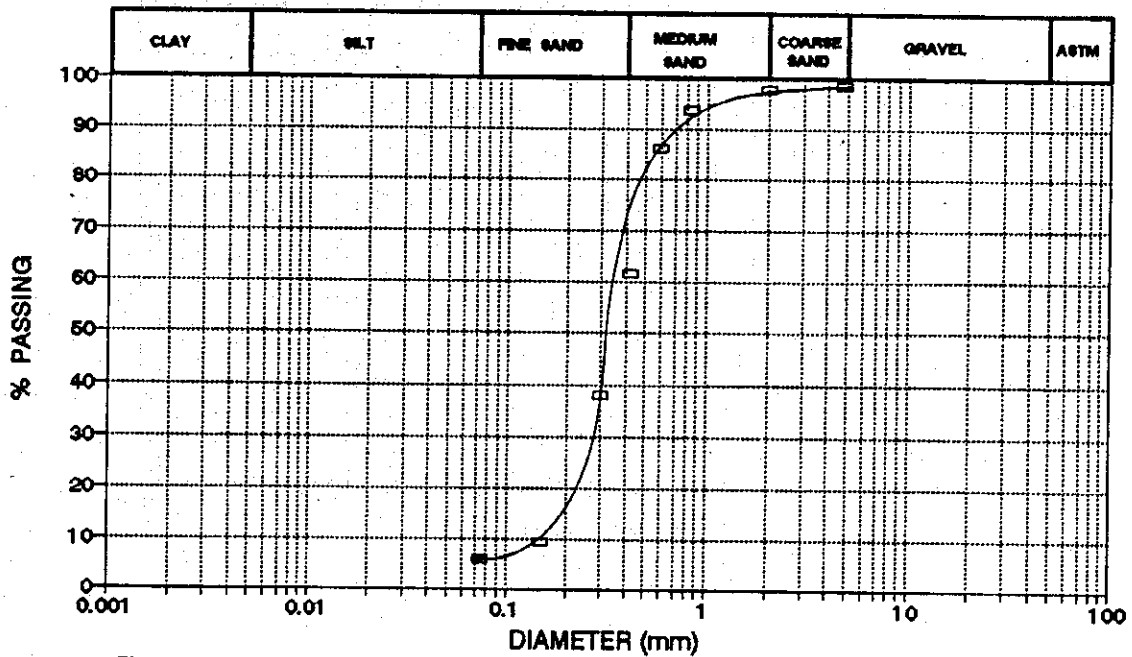
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 141.00-141.50 Sample No.: SS-C-4C Test No.: S-35
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container + Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	5.87	5.87	1.5	98.5
10	2.00	2.93	8.80	2.2	97.8
20	0.84	16.34	25.14	6.3	93.7
30	0.59	29.26	54.40	13.6	86.4
40	0.42	98.59	152.99	38.2	61.8
50	0.30	94.93	247.92	62.0	38.0
100	0.15	114.64	362.56	90.6	9.4
200	0.07	14.05	376.61	94.2	5.8



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GRAIN SIZE ANALYSIS

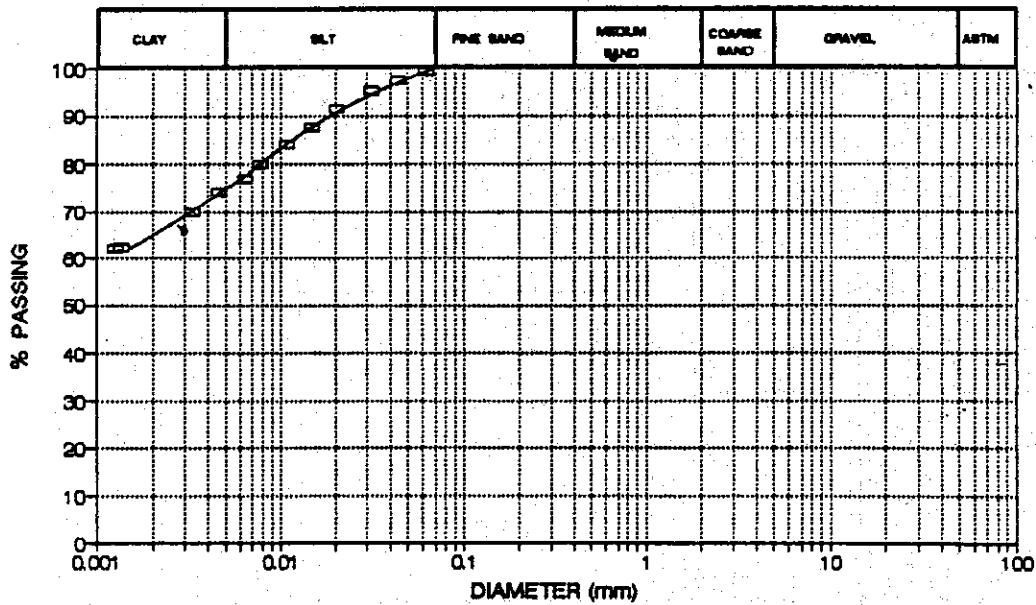
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m): 144.0-145 Sample No.: _____ Test No.: AH-53
 Soil Description: _____ Tested By: _____ Date: 25-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.60	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0625	99.16
0.0446	97.66
0.0319	95.32
0.0319	95.00
0.0206	91.48
0.0150	87.67
0.0107	84.15
0.0077	79.99
0.0064	77.11
0.0046	74.23
0.0033	70.06
0.0014	62.38
0.0013	62.06
0.0010	59.18
0.0009	58.86



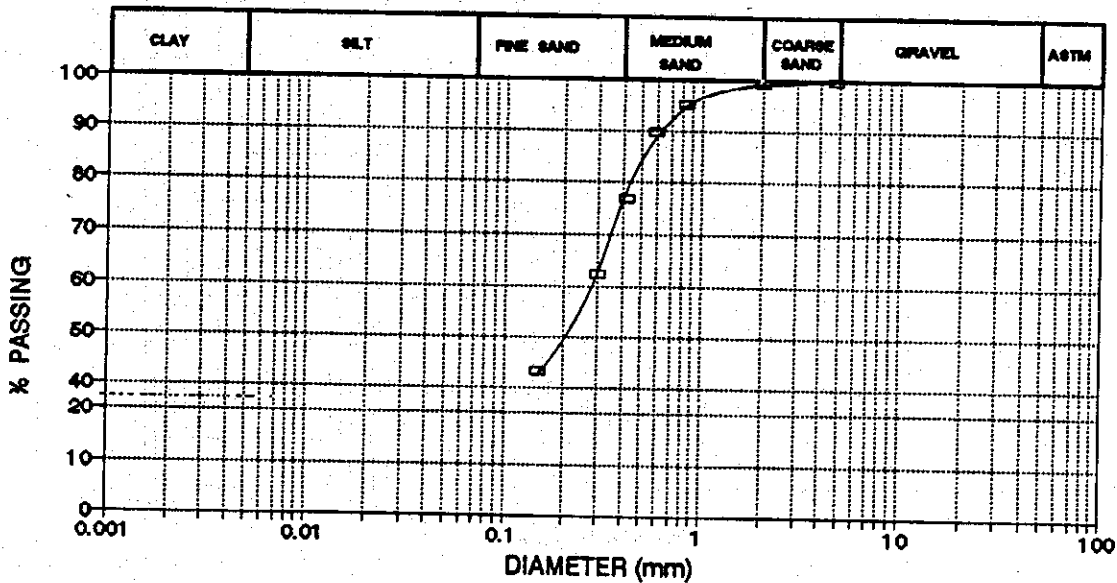
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 161.00-160.50 Sample No.: SS-C-5C Test No.: S-38
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container + Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	0.20	0.20	0.1	100.0
10	2.00	2.44	2.64	0.7	99.3
20	0.84	16.57	19.21	4.8	95.2
30	0.59	21.12	40.33	10.1	89.9
40	0.42	51.99	92.32	23.1	76.9
50	0.30	57.93	150.25	37.6	62.4
100	0.15	77.27	227.52	56.9	43.1
200	0.07	25.57	253.09	63.3	36.7



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GRAIN SIZE ANALYSIS

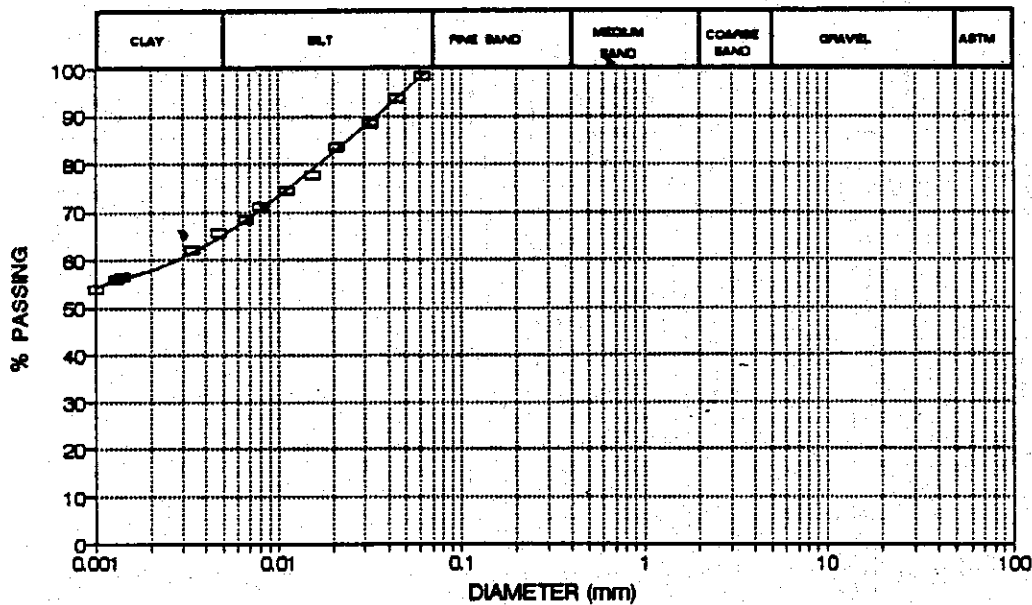
Project: Subsidence in Bangkok Vicinity Location: Samut Sathon
 Borehole No.: C Depth (m): 163.0-163.6 Sample No.: _____ Test No.: AH-52
 Soil Description: _____ Tested By: _____ Date: 25-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0618	96.36
0.0448	93.81
0.0325	88.65
0.0325	88.95
0.0211	83.79
0.0155	77.74
0.0111	74.70
0.0080	71.06
0.0066	68.63
0.0047	65.59
0.0034	62.24
0.0014	56.47
0.0013	55.87
0.0010	54.04
0.0010	53.44



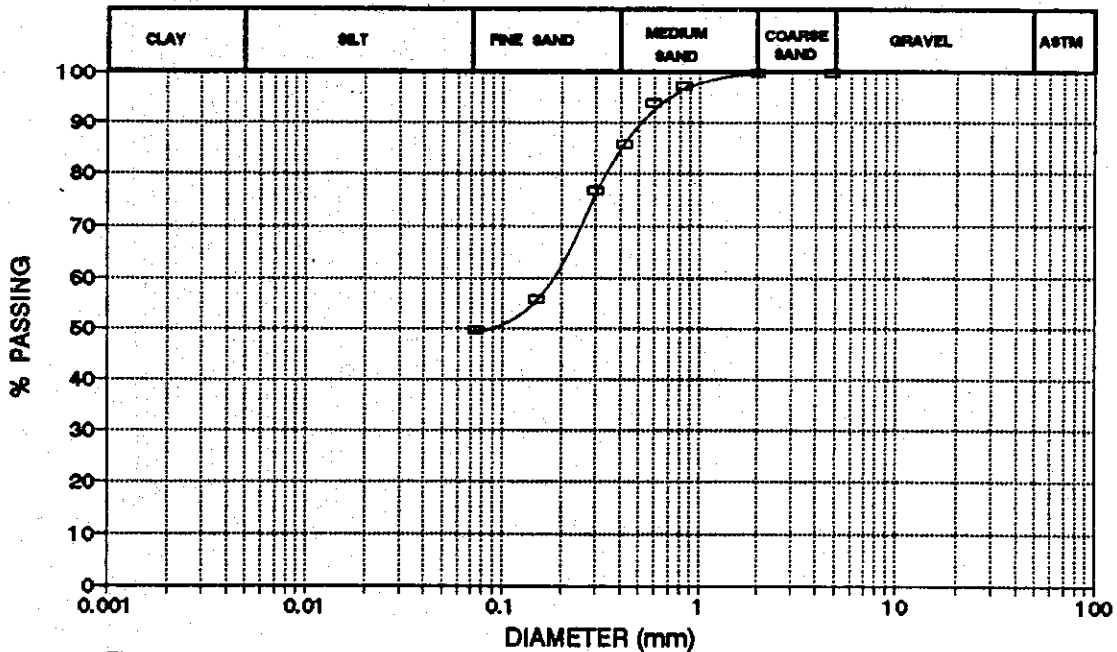
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 168.00-168.50 Sample No.: SS-C-6C Test No.: S-37
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container + Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	0.00	0.00	0.0	100.0
10	2.00	0.81	0.81	0.2	99.8
20	0.84	10.63	11.44	2.9	97.1
30	0.59	13.00	24.44	6.1	93.9
40	0.42	32.53	56.97	14.2	85.8
50	0.30	35.74	92.71	23.2	76.8
100	0.15	83.37	176.08	44.0	56.0
200	0.07	24.57	200.65	50.2	49.8



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GRAIN SIZE ANALYSIS

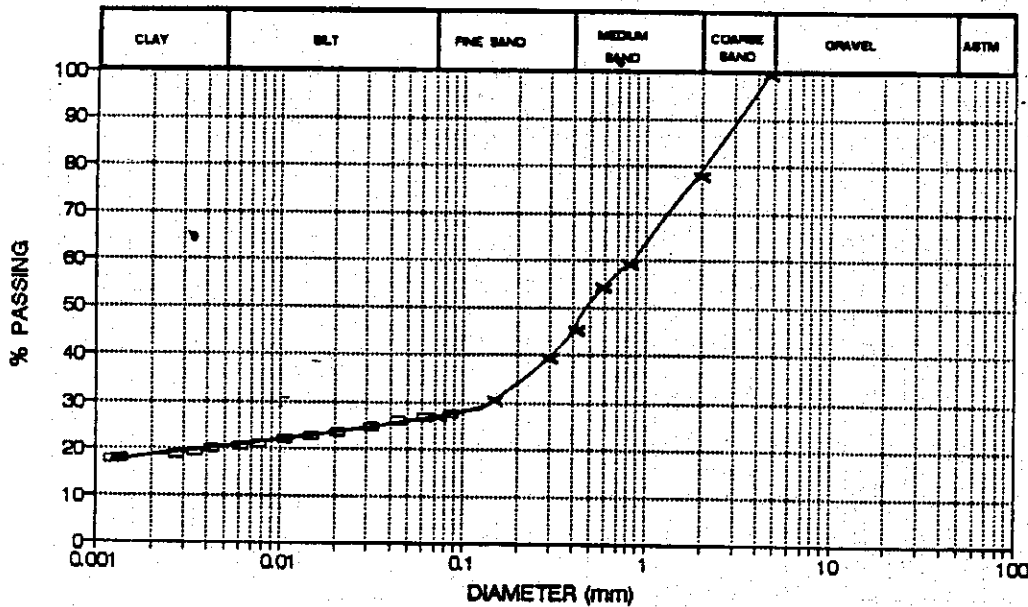
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 177.0-177.5 Sample No.: _____ Test No.: AH-29
 Soil Description: _____ Tested By: _____ Date: 15-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	99.40
2.00	77.90
0.84	59.00
0.59	54.30
0.42	45.10
0.30	39.30
0.15	30.50
0.07	26.90

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0857	27.49
0.0613	26.91
0.0441	26.09
0.0318	25.03
0.0318	25.03
0.0206	23.71
0.0148	22.89
0.0107	21.91
0.0076	21.09
0.0061	20.76
0.0042	19.94
0.0034	19.29
0.0027	18.88
0.0014	17.96
0.0012	17.65
0.0010	17.49



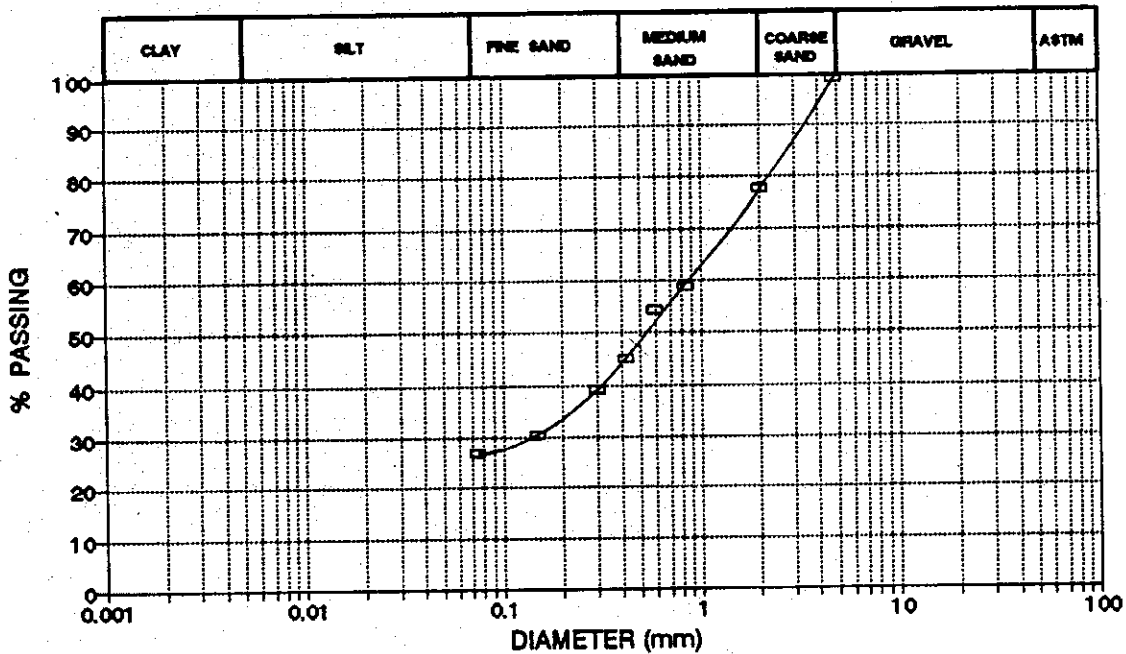
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 177.00-177.50 Sample No.: SS-C-7C Test No.: S-38
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container + Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.75	2.52	2.52	0.6	99.4
10	2.00	85.90	88.42	22.1	77.9
20	0.84	75.65	164.07	41.0	59.0
30	0.59	18.65	182.72	45.7	54.3
40	0.42	37.00	219.72	54.9	45.1
50	0.30	22.99	242.71	60.7	39.3
100	0.15	35.44	278.15	69.5	30.5
200	0.07	14.16	292.31	73.1	26.9



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GRAIN SIZE ANALYSIS

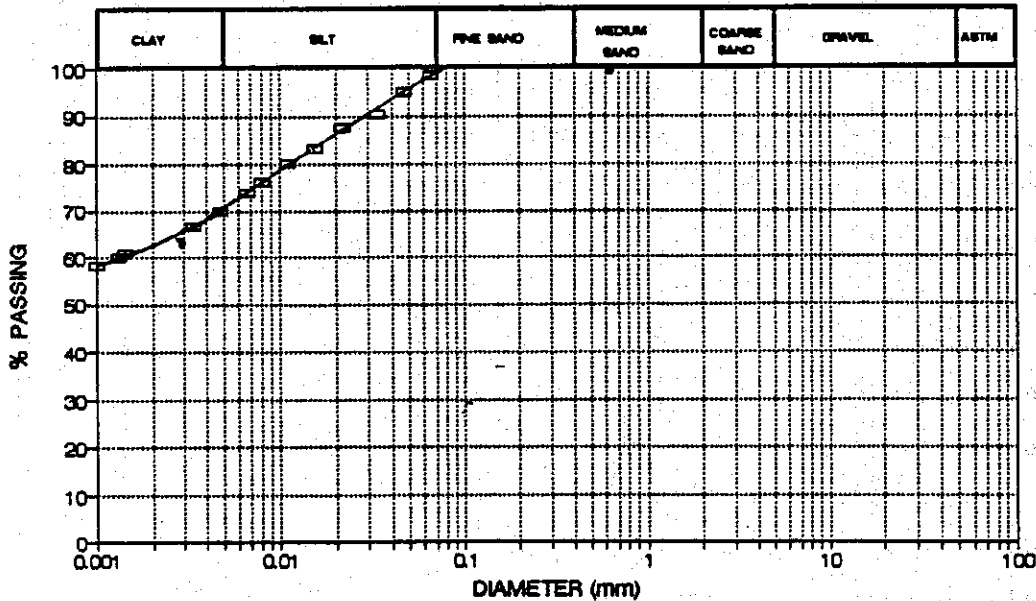
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 190.0-191.0 Sample No.: _____ Test No.: AH-51
 Soil Description: _____ Tested By: _____ Date: 25-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.75	
2.00	
0.84	
0.60	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0654	96.38
0.0469	96.04
0.0338	90.71
0.0338	90.71
0.0217	87.71
0.0166	83.37
0.0112	60.37
0.0080	76.37
0.0066	74.03
0.0047	70.03
0.0034	66.70
0.0014	61.03
0.0013	60.03
0.0010	58.36
0.0010	57.69



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GRAIN SIZE ANALYSIS

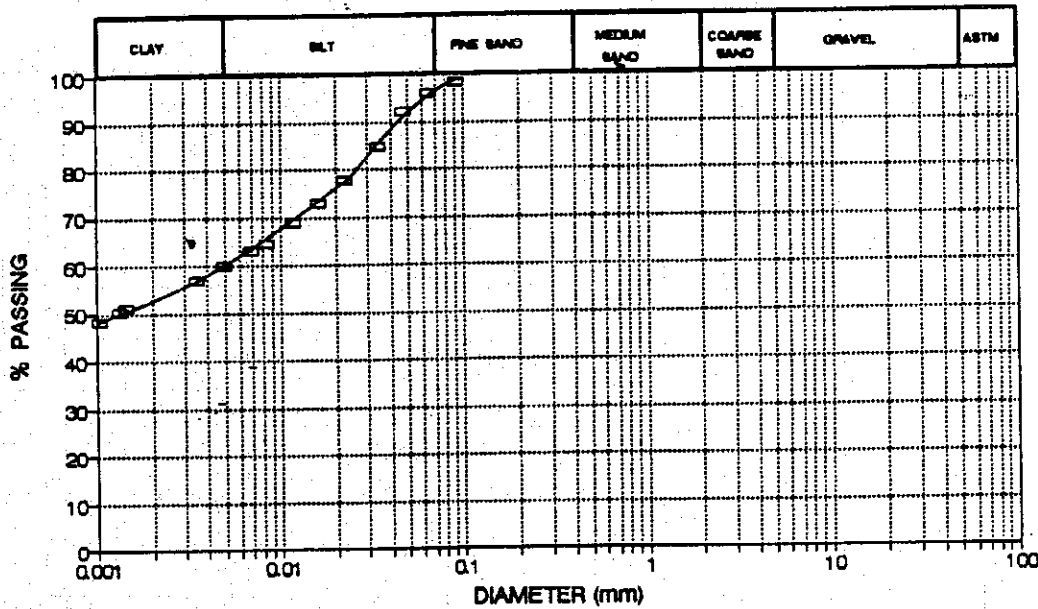
Project: Subsidence in Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m): 204.0-204.6 Sample No.: _____ Test No.: AH-50
 Soil Description: _____ Tested By: _____ Date: 25-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0907	98.33
0.0649	96.09
0.0467	92.25
0.0342	84.88
0.0342	84.88
0.0223	77.83
0.0161	73.03
0.0116	68.86
0.0083	64.70
0.0068	63.10
0.0049	60.22
0.0035	57.01
0.0015	51.25
0.0013	50.29
0.0010	48.37
0.0010	47.72



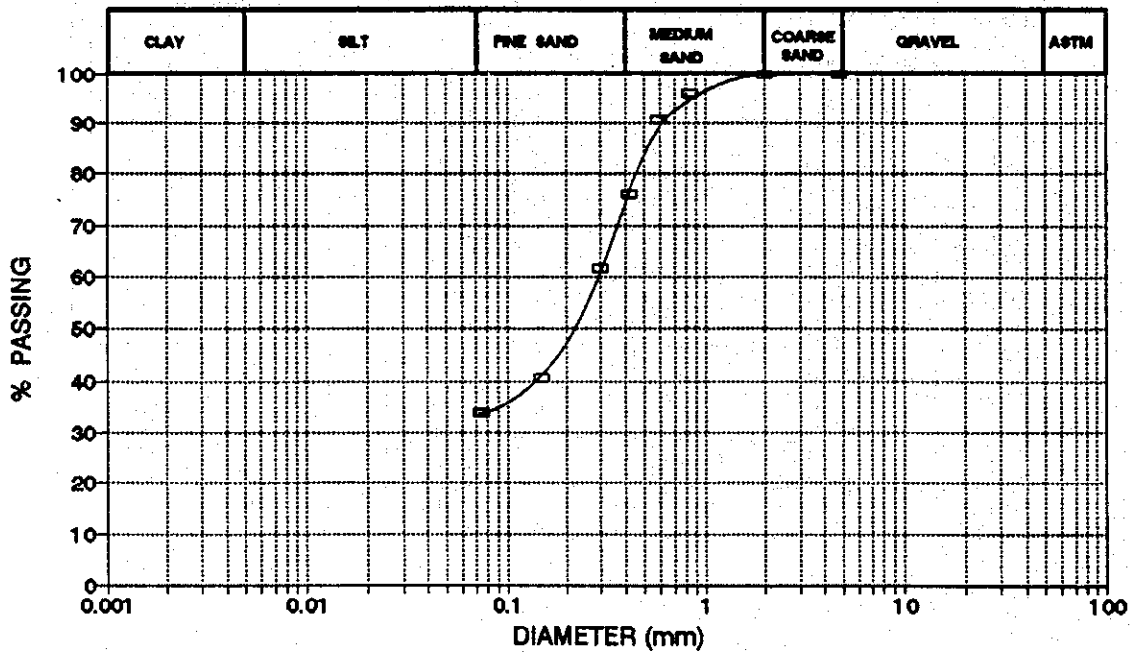
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 208.00-208.50 Sample No.: SS-C-8C Test No.: S-39
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container + Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	0.00	0.00	0.0	100.0
10	2.00	1.13	1.13	0.3	99.7
20	0.84	14.46	15.59	3.9	96.1
30	0.59	20.96	36.55	9.1	90.9
40	0.42	58.64	95.19	23.8	76.2
50	0.30	57.94	153.13	38.3	61.7
100	0.15	83.69	236.82	59.2	40.8
200	0.07	26.87	263.69	65.9	34.1



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GRAIN SIZE ANALYSIS

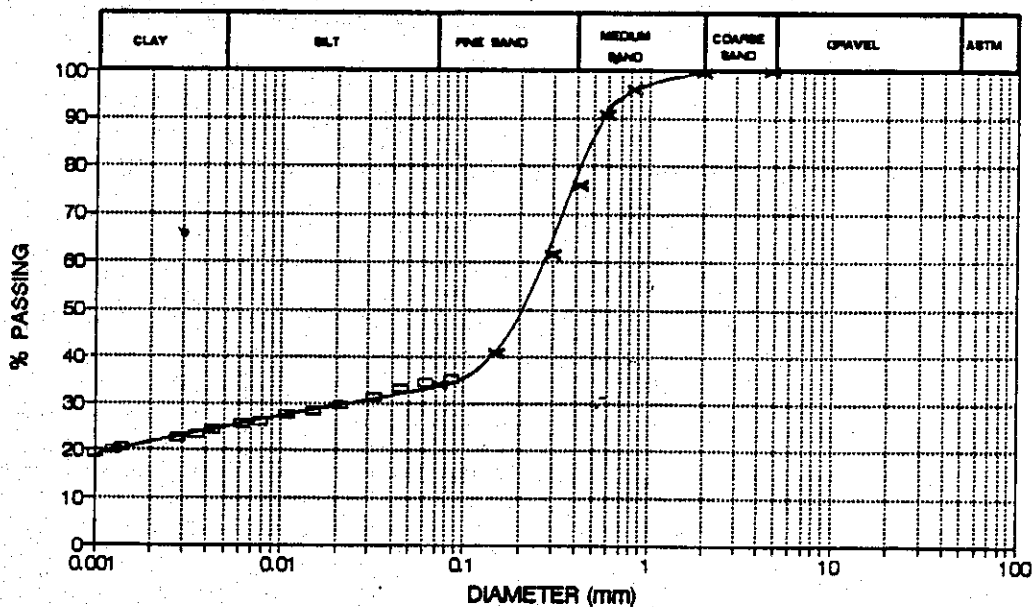
Project: Subsidence In Bangkok Vicinity Location: Samut Sakhon
 Borehole No.: C Depth (m) 206.0-206.6 Sample No.: _____ Test No.: AH-30
 Soil Description: _____ Tested By: _____ Date: 15-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	100.00
2.00	99.70
0.84	96.10
0.60	90.90
0.42	76.20
0.30	61.70
0.15	40.80
0.07	34.10

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0865	35.35
0.0620	34.50
0.0448	33.12
0.0325	31.32
0.0325	31.42
0.0211	29.51
0.0151	28.45
0.0108	27.49
0.0078	26.33
0.0062	25.58
0.0043	24.42
0.0035	23.36
0.0028	22.62
0.0014	20.71
0.0013	20.18
0.0010	19.44



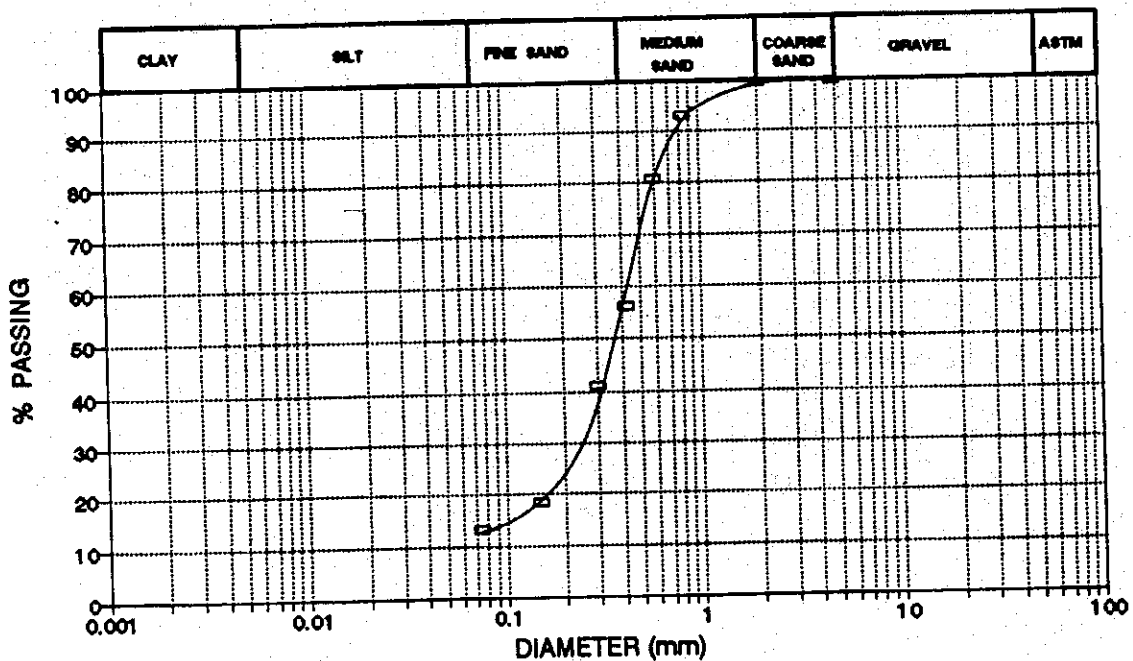
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 211.00-211.50 Sample No.: SS-C-9C Test No.: S-40
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container + Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.75	0.52	0.52	0.1	99.9
10	2.00	1.38	1.90	0.5	99.5
20	0.84	25.48	27.38	6.8	93.2
30	0.59	49.09	76.47	19.1	80.9
40	0.42	98.81	175.28	43.8	56.2
50	0.30	60.36	235.64	58.9	41.1
100	0.15	90.90	326.54	81.6	18.4
200	0.07	21.42	347.96	87.0	13.0



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GRAIN SIZE ANALYSIS

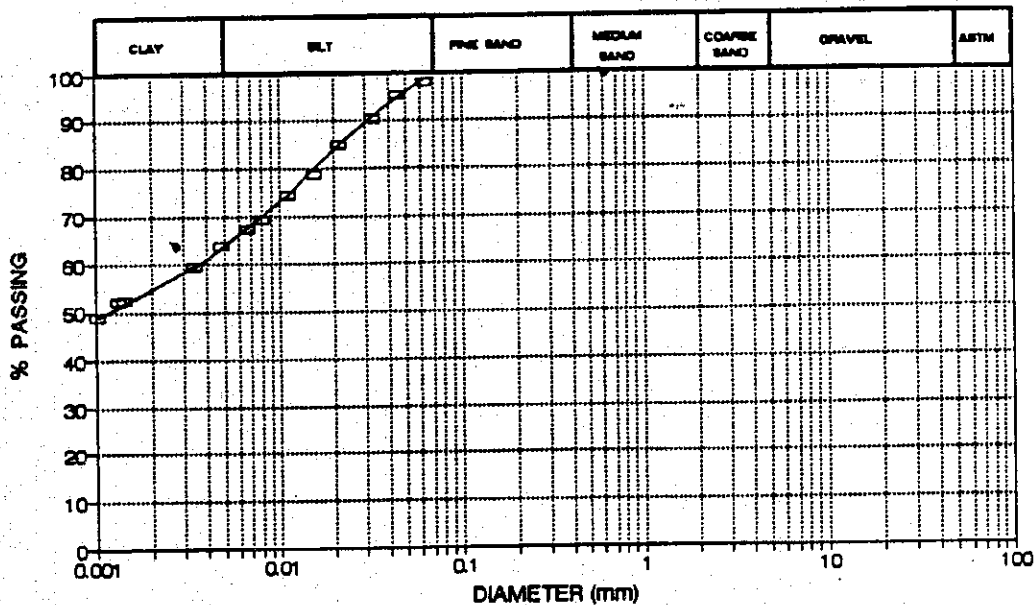
Project: Subsidence in Bangkok Vicinity Location: Samut Sathon
 Borehole No.: C Depth (m) 226.6-227.0 Sample No.: _____ Test No.: AH-49
 Soil Description: _____ Tested By: _____ Date: 25-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0625	98.30
0.0450	96.21
0.0325	90.57
0.0325	90.26
0.0212	85.01
0.0154	78.83
0.0111	74.50
0.0080	69.55
0.0066	67.39
0.0047	63.99
0.0034	59.66
0.0014	52.55
0.0013	52.24
0.0010	49.15
0.0010	46.06



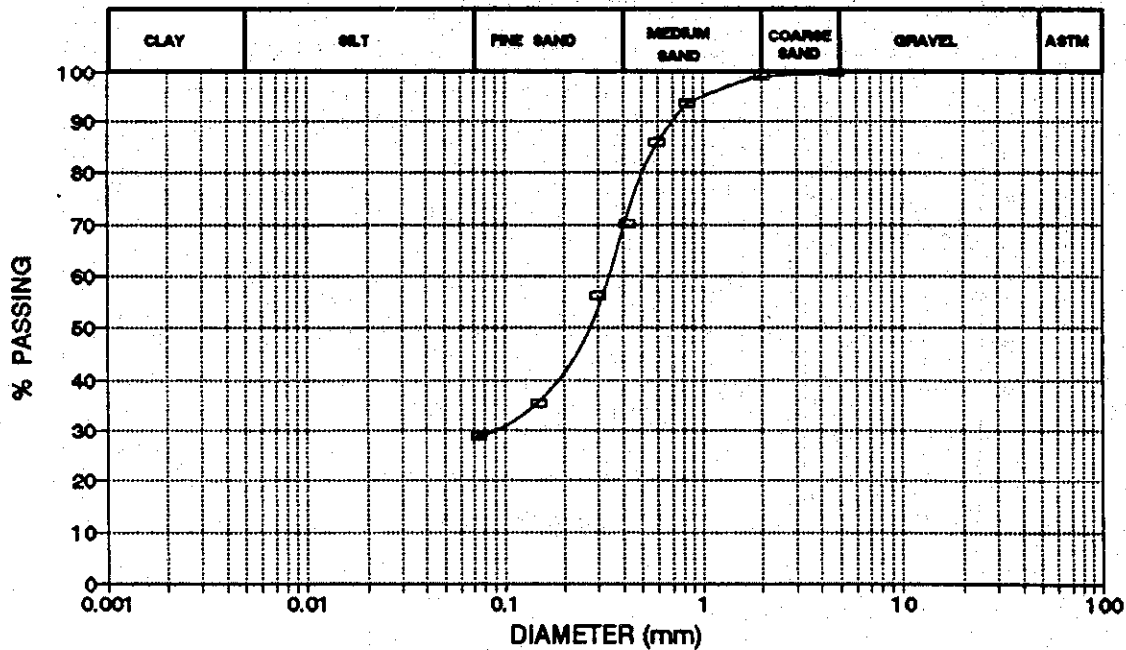
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 228.00-228.50 Sample No.: SS-C-10C Test No.: S-41
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container + Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.75	0.77	0.77	0.2	99.8
10	2.00	2.43	3.20	0.8	99.2
20	0.84	22.38	25.58	6.4	93.6
30	0.59	29.81	55.39	13.8	86.2
40	0.42	63.47	118.86	29.7	70.3
50	0.30	56.73	175.59	43.9	56.1
100	0.15	83.12	258.71	64.7	35.3
200	0.07	26.06	284.77	71.2	28.8



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GRAIN SIZE ANALYSIS

Project: Subsidence in Bangkok Vicinity
 Borehole No.: C Depth (m) 247.0-248
 Soil Description: _____

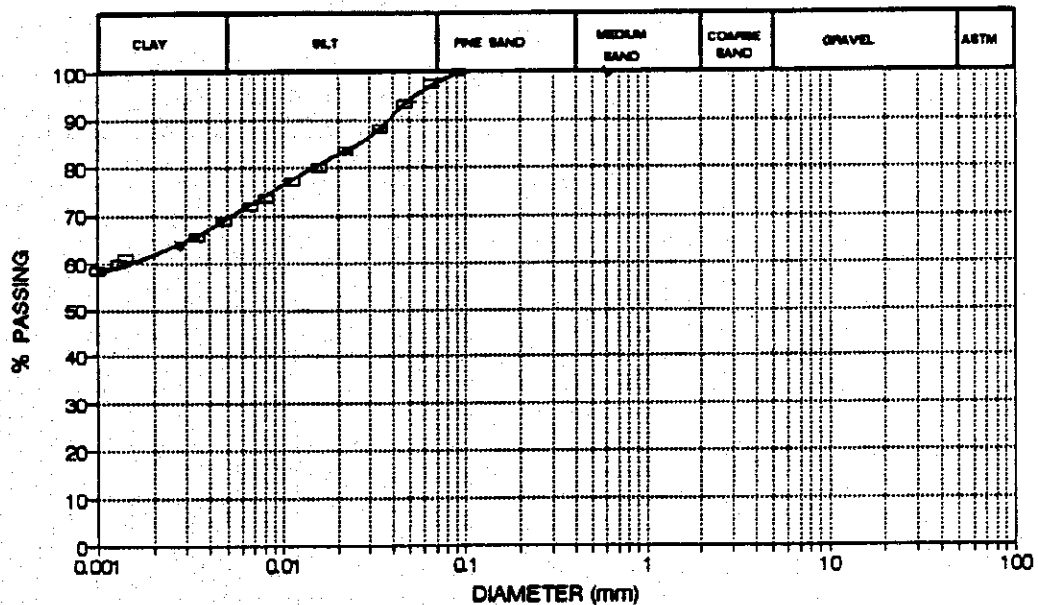
Location: Samut Sakhon
 Sample No.: _____ Test No.: AH-48
 Tested By: _____ Date: 25-2-1993

SIEVE ANALYSIS

Opening (mm)	Percent Finer (%)
4.76	
2.00	
0.84	
0.59	
0.42	
0.30	
0.15	
0.07	

HYDROMETER ANALYSIS

Particle Size (mm)	Percent Finer (%)
0.0913	99.92
0.0652	97.63
0.0471	93.37
0.0341	88.13
0.0341	88.13
0.0220	83.54
0.0158	80.27
0.0113	77.32
0.0081	73.71
0.0066	72.08
0.0048	69.13
0.0034	65.85
0.0014	61.26
0.0013	60.28
0.0010	58.64
0.0010	57.66



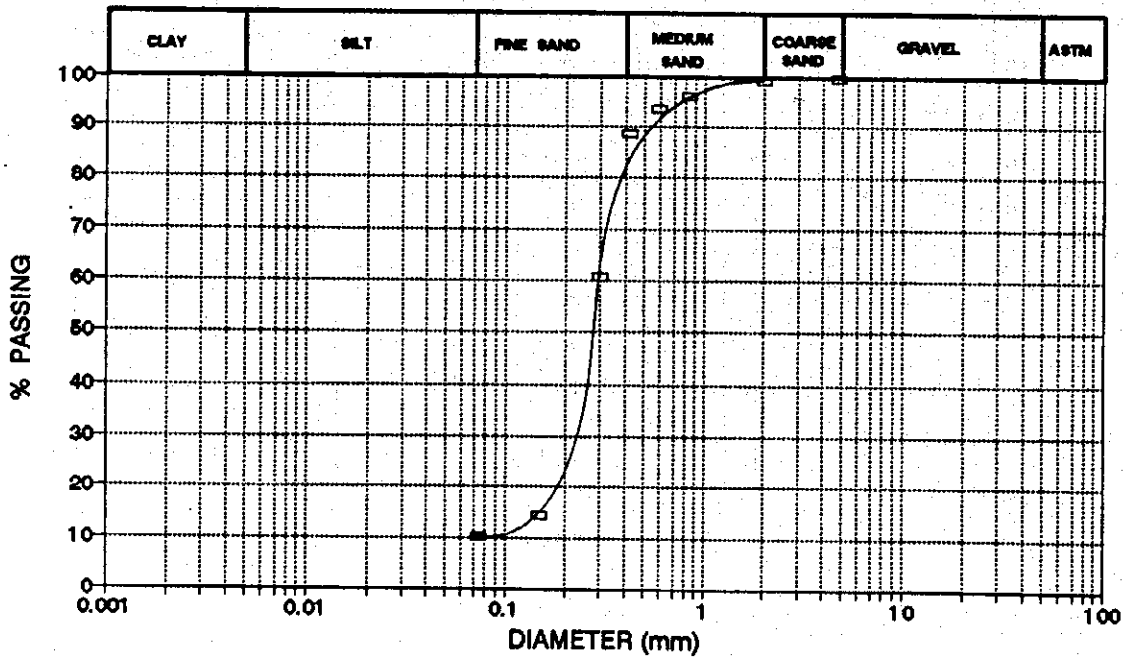
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 258.00-258.50 Sample No.: SS-C-11C Test No.: S-42
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container+ Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	0.00	0.00	0.0	100.0
10	2.00	2.41	2.41	0.6	99.4
20	0.84	12.69	15.10	3.8	96.2
30	0.59	10.34	25.44	6.4	93.6
40	0.42	20.46	45.90	11.5	88.5
50	0.30	111.06	156.96	39.2	60.8
100	0.15	185.71	342.67	85.7	14.3
200	0.07	16.90	359.57	89.9	10.1



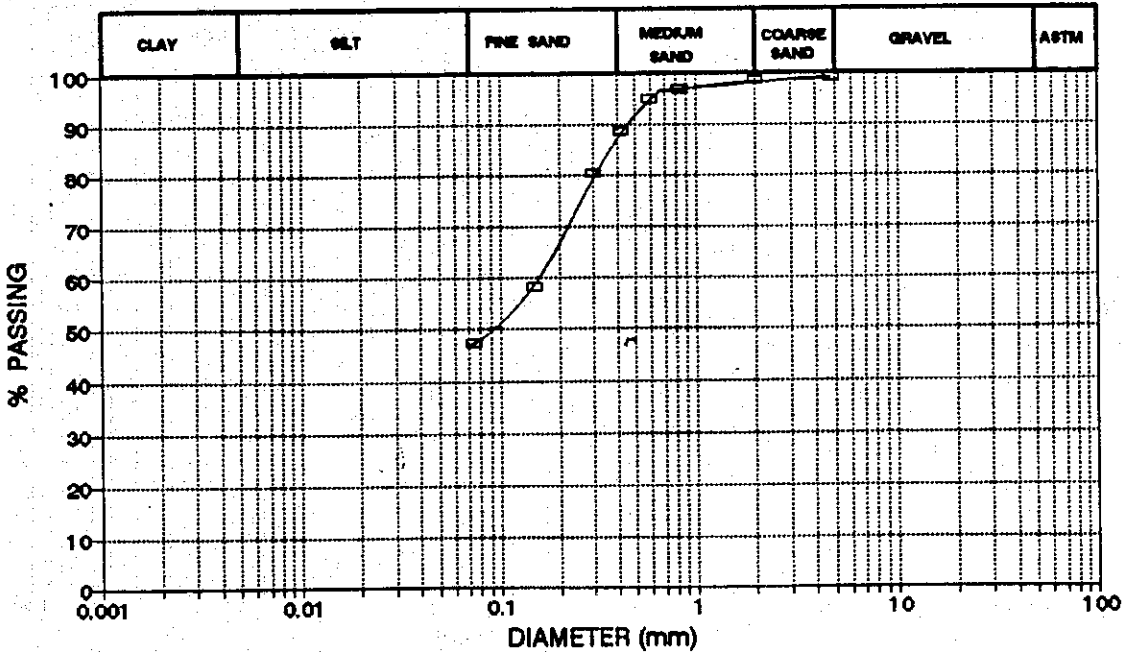
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 259.5-260.00 Sample No.: SS-C-12C Test No.: S-43
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container + Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.75	3.78	3.78	0.9	99.1
10	2.00	1.71	5.49	1.4	98.6
20	0.84	6.58	12.07	3.0	97.0
30	0.59	7.96	20.03	5.0	95.0
40	0.42	23.84	43.87	11.0	89.0
50	0.30	33.49	77.36	19.3	80.7
100	0.15	89.54	166.90	41.7	58.3
200	0.07	43.81	210.71	52.7	47.3



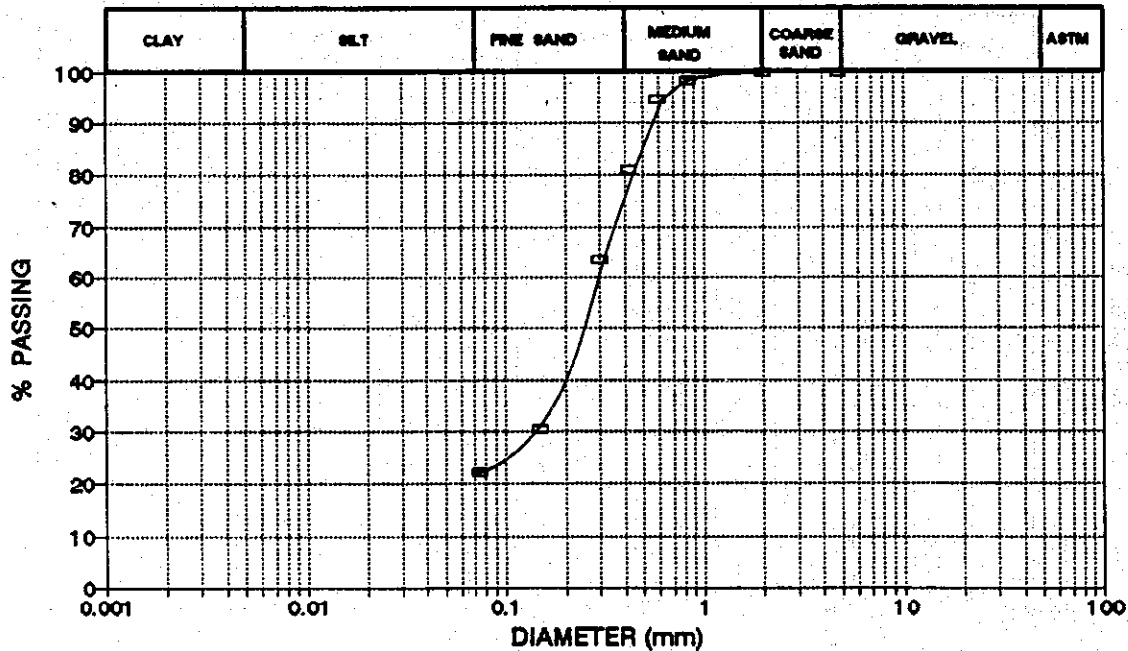
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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 262.00-262.50 Sample No.: SS-C-13C Test No.: S-44
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container+ Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	0.42	0.42	0.1	99.9
10	2.00	0.32	0.74	0.2	99.8
20	0.84	6.41	7.15	1.8	98.2
30	0.59	14.68	21.83	5.5	94.5
40	0.42	54.09	75.92	19.0	81.0
50	0.30	69.58	145.50	36.4	63.6
100	0.15	133.14	278.64	69.7	30.3
200	0.07	32.79	311.43	77.9	22.1



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SIEVE ANALYSIS

Project: Subsidence in Bangkok Vicinity Location: _____
 Borehole No.: C-1/1 Depth (m) 274.00-274.50 Sample No.: SS-C-14C Test No.: S-45
 Soil Description: _____ Tested By: WY Date: 5-2-1993

Container No.:	
Weight of Container	100.00 g
Weight of Container+Dry Soil	500.00 g
Weight of Dry Soil	400.00 g

Sieve No.	Sieve Opening (mm)	Weight of Soil Retained (g)	Cumulative Retained (g)	Cumulative Retained (%)	Percent Finer
4	4.76	1.36	1.36	0.3	99.7
10	2.00	0.55	1.91	0.5	99.5
20	0.84	5.43	7.34	1.8	98.2
30	0.59	11.33	18.67	4.7	95.3
40	0.42	53.79	72.46	18.1	81.9
50	0.30	67.09	139.55	34.9	65.1
100	0.15	139.70	279.25	69.8	30.2
200	0.07	35.45	314.70	78.7	21.3

