

APPENDIX B

PROJECT NUMBER: 83-07194-01
 PROJECT LOCATION: MSLA-1A Landfill, Kearny, NJ
 CLIENT: Hackensack Meadowlands Development Commission

Converse Consultants

BORING & SAMPLE NUMBER	DEPTH	CLASSIFICATION	NATURAL WATER CONTENT PERCENT	ATTERBERG LIMITS		UNCONFINED STRESS TSF	UNCONFINED STRAIN (%)	UNIT DRY WEIGHT LB/CU FT	GRAIN SIZE	CONSOLIDATION	TRIAXIAL	Permeability cm/sec
				LIQUID LIMIT	PLASTIC LIMIT							
B-2 S-8 U/D	35' - 37'	Varved Silt & Clay	29.1					94.5				6.5×10^{-7}
B-4 S-4 U/D	15' - 17'	Organic silt	27.5			0.44	12.5	93.7				
S-7 U/D	28' - 30'	Varved Silt & Clay	24.7 25.6 29.8	29	22	2.10	6.6	99.8 93.4				1.4×10^{-6}
B-5 S-5	20' - 22'	Silty fine Sand							*			
B-6 S-8 U/D	33' - 35'	Varved Silt & Clay	26.2					95.5				7.2×10^{-7}
B-8 S-8	33' - 35'	Varved Silt & Clay	25.9 28.0 28.4	30	21	1.38	9.2	96.2 95.5				4.9×10^{-7}
B-10 S-9 U/D	38' - 40'	Varved Silt & Clay	29.8					93.4				1.6×10^{-7}
B-11 S-6	25' - 27'	Varved Silt & Clay	30.8	27	21							

*SEE TEST CURVES

PROJECT NUMBER: 8-3-07194-01
 PROJECT LOCATION: MSLA-1A Landfill, Kearny, NJ
 CLIENT: Hackensack Meadowlands Development Commission

Converse Consultants

BORING & SAMPLE NUMBER	DEPTH	CLASSIFICATION	NATURAL WATER CONTENT PERCENT	ATTERBERG LIMITS		UNCONFINED COMPRESSION		UNIT DRY WEIGHT LB/CU FT	GRAIN SIZE	CONSOLIDATION	TRIAXIAL	Permeability cm/sec
				LIQUID LIMIT	PLASTIC LIMIT	STRESS TSF	STRAIN (%)					
B-12 S-7 U/D	28' - 30'	Varved Silt & Clay	29.9 29.7 29.4	30	22	1.18	7.5	93.9 94.5				7.6×10^{-7}
B-14 S-7 U/D	28' - 30'	Varved Silt & Clay	26.3 30.5	29	23			99.0				2.1×10^{-6}
B-16 U-1	33' - 35'	Varved Silt & Clay	30.1 29.4			1.29	11.7	92.7 93.7				3.7×10^{-7}
B-18 S-6	25' -	Clayey Silt	31.7	29	24							
S-8 U/D	35' - 37'	Varved Silt & Clay	25.4 31.6	29	21			91.6				2.1×10^{-7}
B-20 S-7 U/D	30' - 32'	Varved Silt & Clay	30.1 29.6 29.8	29	23	1.36	6.5	93.8 93.0				1.0×10^{-7}
B-22 S-7 U/D	30' - 32'	Varved Silt & Clay	28.6					94.8				4.5×10^{-7}
B-23 S-4	15' - 17'	Silty fine Sand							*			

*SEE TEST CURVES

B-2

SUMMARY OF LABORATORY TESTS

PROJECT NUMBER: 83-07194-01

PROJECT LOCATION: MS1A-1A Landfill, Kearny, NJ

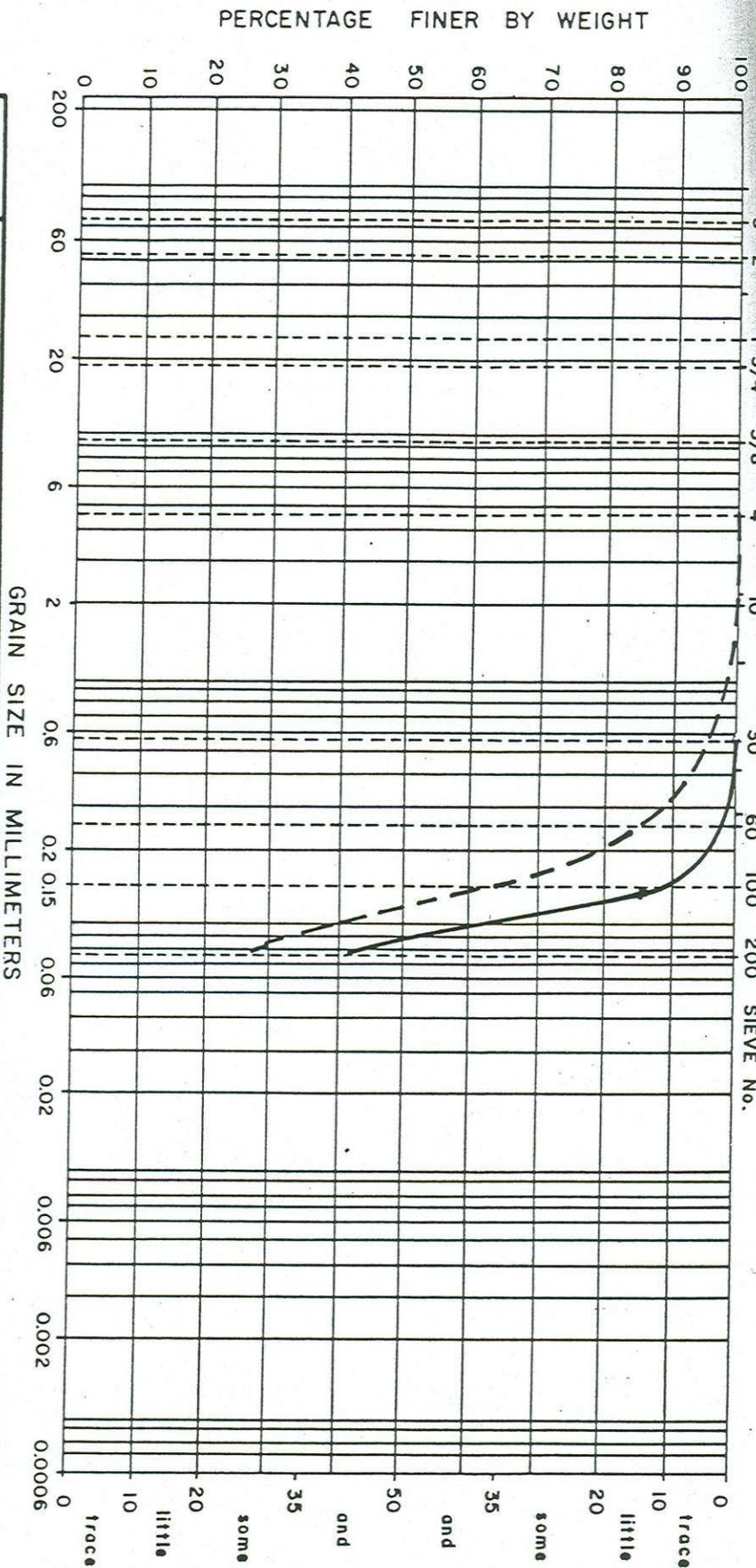
CLIENT: Hackensack Meadowlands Development Commission

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BORING & SAMPLE NUMBER	DEPTH	CLASSIFICATION	NATURAL WATER CONTENT PERCENT	ATTERBERG LIMITS		UNCONFINED STRESS T-SF	UNCONFINED STRAIN (%)	UNIT DRY WEIGHT LB/CU FT	GRAIN SIZE	CONSOLIDATION	TRIAXIAL	Permeability cm/sec
				LIQUID LIMIT	PLASTIC LIMIT							
B-24 S-7 U/D	30' - 32'	Varved Silt & Clay	27.9 30.0 30.7	29	22	0.94	8.9	94.1 93.0				5.3×10^{-7}
B-26 S-7 U/D	30' - 32'	Varved Silt & Clay	29.7					95.6				7.9×10^{-7}
B-27 U-1	50' - 52'	Varved Silt & Clay	28.5 24.1 28.3	29	20	1.85	15.9	102.3 95.5				1.4×10^{-7}

*SEE TEST CURVES

Converse Consultants
GRAIN SIZE DISTRIBUTION



SYMBOL	BORING	SAMPLE	DEPTH	GRAVEL			SAND			SILTS & CLAYS IDENTIFIED BY PLASTICITY
				C	M	F	C	M	F	
---	B-5	S-5	20'0" - 22'0"							Gray fine SAND, and Silt
---	B-23	S-4	15'0" - 17'0"							Gray medium to fine SAND, some Silt

PROJECT LOCATION M5LA-1A Kearney, N.J. BY WJM DATE 9-4-83 PROJECT No. 83-07194-01

APPENDIX C