BORING NUMBER	SAMPLE NUMBER/ TYPE	SAMPLE DEPTH (Feet)	VISUAL CLASSIFICATION	U S C	MOISTURE CONTENT (%)	UNIT DRY WEIGHT (pcf)	UNIT WET WEIGHT (pcf)	SPECIFIC GRAVITY OF SOLIDS	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	BAR LINEAR SHRINKAGE (%)	ABBREVIATED MECHANICAL ANALYSIS	COMPLETE MECHANICAL ANALYSIS	HYDROMETER ANALYSIS	STANDARD COMPACTION TEST	MODIFIED COMPACTION TEST	UNDRAINED SHEAR STRENGTH (ksf)*	TORVANE SHEAR (ksf)	SOIL SALINITY (Parts per Thousand)
87-153	1Q	0-1	Fill: Very stiff brown clay, with sand pockets, roots, and calcareous nodules	CH	21														
	2Q	3-4	Firm brown and tan clay, with calcareous nodules and sand pockets	CH	36	84			63	21		96					0.63		
	3Q	5-6	Soft light gray and olive gray clay, with sand pockets and ferrous nodules	CH	36														
	4Q	7-8	Firm red clay, with sand seams & pockets, shells, & calcareous nodules	CH	33	96													
	5Q	9-10	Red sand to 9.5'; Soft red clay, with vertical sand seam and calcareous nodule 9.5-10'	SP/CH	28														
	6J	11.5-12	Red silty fine sand, with clay pockets and free water	SM								46							
	7J	19.5-20	Very soft olive gray sandy clay, with clay pockets and shell fragments	CL	42				50	18		56							
	8J	21.5-22	Light gray sand, with clay pockets and free water	SP															
	9J	24.5-25	Brown silty clay, with clay partings and silt pockets	CL								100							
	10Q	29-30	Firm red clay, with silty clay partings and silt pockets	CH	31														
	11Q	31-32	Firm red clay, slickensided, with ferrous stains & calcareous nodules	CH	44	79			81	31		99					0.87		
	12Q	33-34	Firm brown clay, with silt pockets and ferrous nodules	CH	38														
	13Q	35-36	Stiff red clay, slickensided, with calcareous nodules	CH	35														
	14Q	37-38	Firm red clay, with calcareous nodules and petroleum odor	CH	40	83													
	15Q	39-40	Stiff red clay	CH	33														
	16Q	41-42	Stiff red clay, with ferrous nodules	CH	29														
	17Q	43-44	Very stiff tan silty clay, with silt pockets and seams	CL	22	104			47	20		99					2.24		
	18Q	45-46	Stiff gray and tan silty clay, with ferrous nodules and silt pockets	CL	24														
	19Q	47-48	Stiff red silty clay, with ferrous nodules and calcareous nodules	CL	28				46	20									
	20Q	49-50	Stiff brown silty clay, with clay seam and calcareous and ferrous nodules	CL	30														

* Based on Unconfined Compression Test

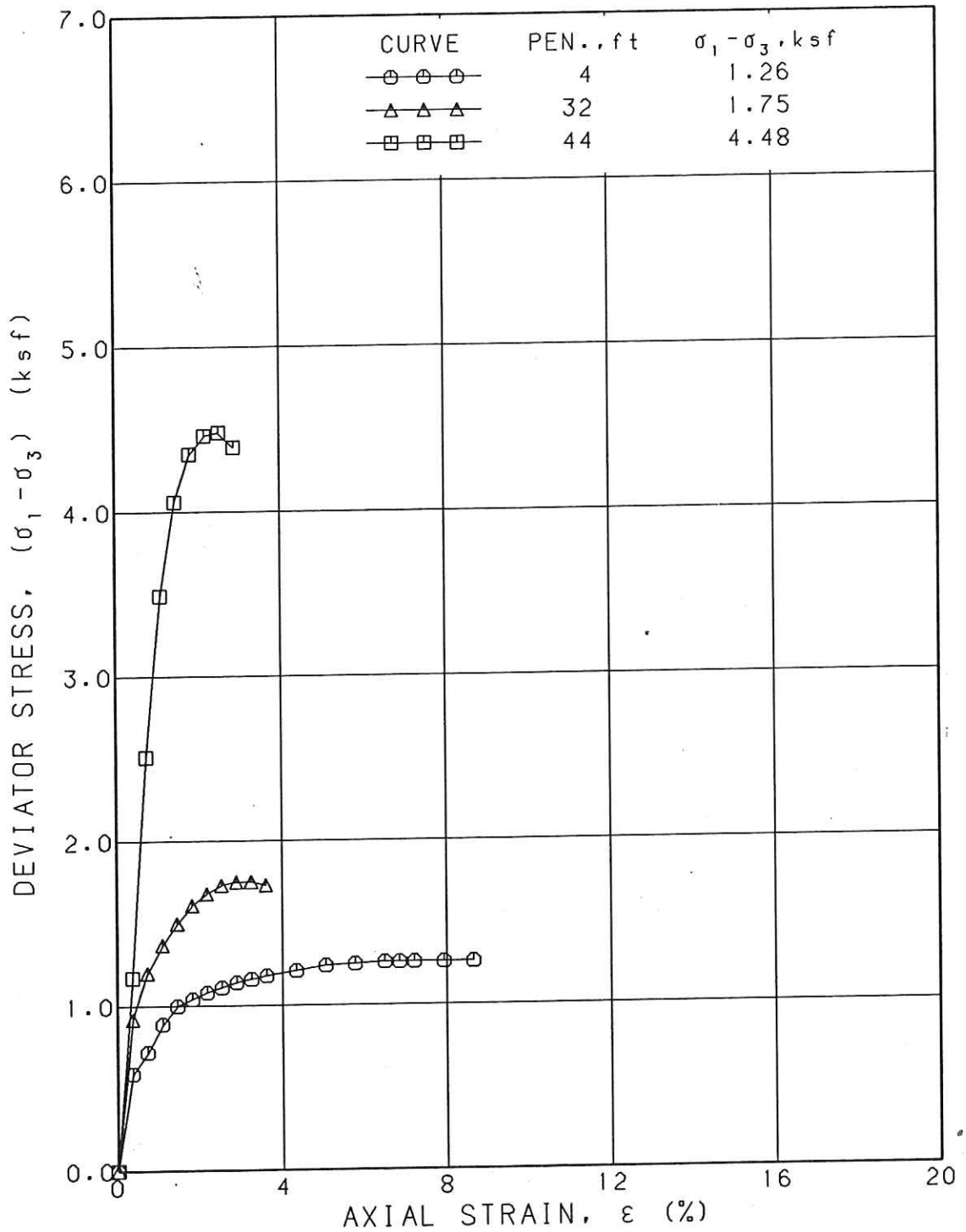
SUMMARY OF TEST RESULTS
DELIVERY ORDER No. 0023
SNAKE ISLAND DISPOSAL AREA
TEXAS CITY, TEXAS

Boring Number	Sample Number	Depth, ft	Weight of Dry Soil gms (Total Sample)	Percent Finer 0.375	#4	#10	#40	#200
87-148	3	6	72.75			100	99	98
87-148	5	9.5	64.67				100	99
87-148	8	16	60.77		100	99	97	71
87-148	13	26	52.99				100	99
87-149	2	3.5	55.08				100	99
87-149	5	10	85.13				100	91
87-149	8	16	67.58			100	99	87
87-149	10	20	82.95			100	99	86
87-149	15	30	51.93			100	99	98
87-150	6	8	62.10					100
87-150	11	16.5	99.06				100	52
87-150	13	21.5	98.73				100	69
87-150	20	35	69.52		100	99	99	98
87-151	2	3	74.02			100	99	94
87-151	4	8	62.63				100	88
87-151	11	28	77.24					100
87-151	12	30	61.43				100	99
87-152	2	4	49.50				100	97
87-152	6	17	67.83				100	80
87-152	8	25	96.00				100	7
87-152	11	32	67.46				100	99
87-152	17	44	86.79				100	99
87-153	2	4	66.99			100	99	96
87-153	6	12	97.03	100	95	94	94	46

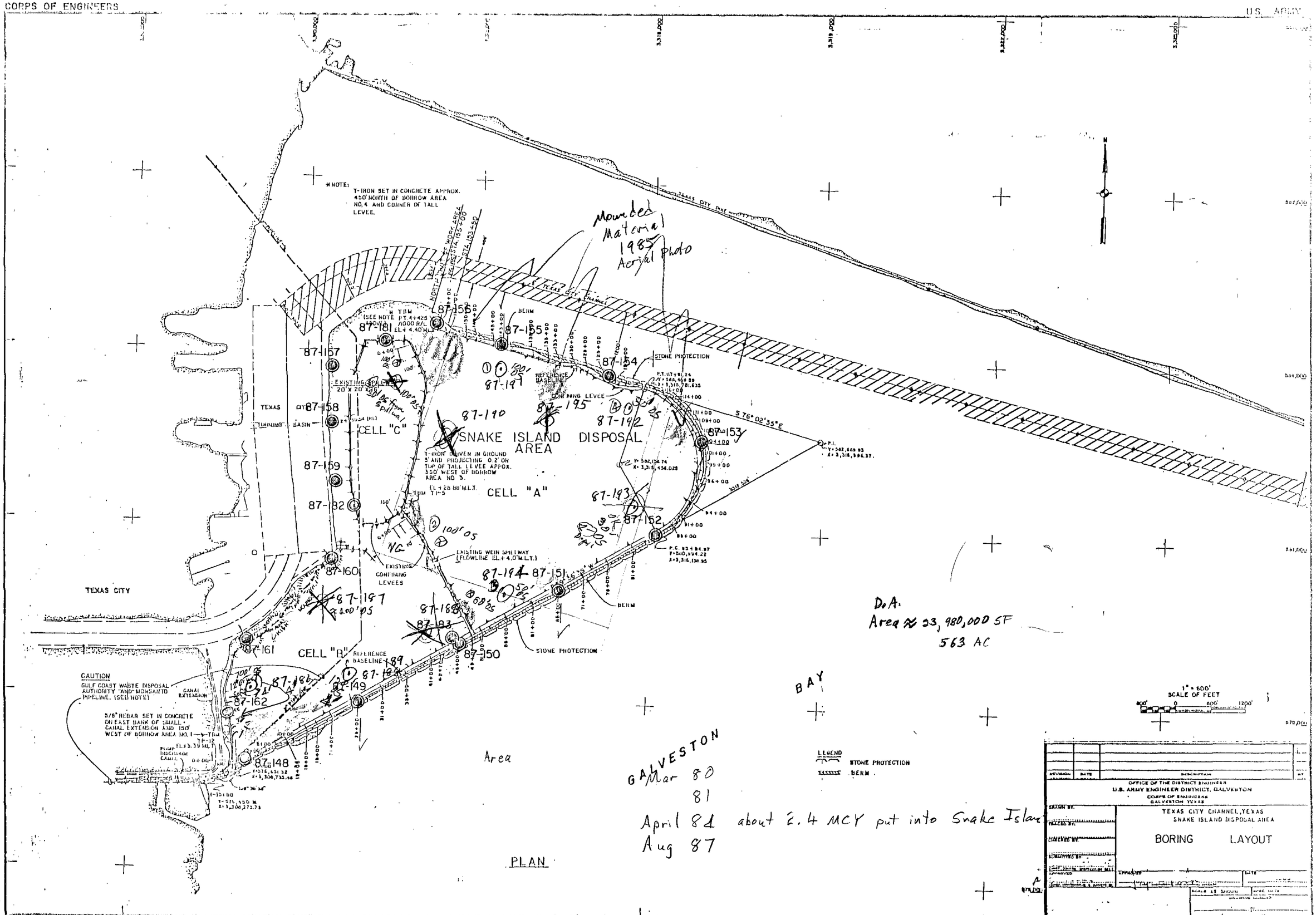
RESULTS OF ABBREVIATED SIEVE ANALYSES

Boring Number	Sample Number	Depth, ft	Weight of Dry Soil gms (Total Sample)	Percent Finer 0.375	#4	#10	#40	#200
87-153	7	20	79.08	100	97	93	91	56
87-153	9	25	94.60					100
87-153	11	32	74.19			100	99	99
87-153	17	44	93.86				100	99
87-154	2	4	78.40				100	95
87-154	8	18	96.55	100	90	80	73	52
87-154	10	22	98.07				100	22
87-154	12	27	96.81				100	99
87-154	15	33	77.63			100	99	96
87-154	18	39	61.76				100	99
87-154	25	60	82.57				100	85
87-155	3	6	45.18	100	99	99	98	86
87-155	6	12	50.46			100	99	90
87-155	7	14	87.94				100	89
87-155	10	20	98.24				100	61
87-155	12	25	125.46				100	39
87-155	14	30	56.87				100	99
87-155	17	36	60.43				100	99
87-155	23	48	89.51					100
87-156	3	6	80.00				100	93
87-156	9	20	81.41	100	94	92	89	66
87-156	11	25	93.30				100	23
87-156	13	32	57.81				100	96
87-156	16	38	59.26				100	97

RESULTS OF ABBREVIATED SIEVE ANALYSES



STRESS-STRAIN CURVES
UNCOFINED COMPRESSION TEST
BORING 87-153

CORPS OF ENGINEERS

U.S. ARMY