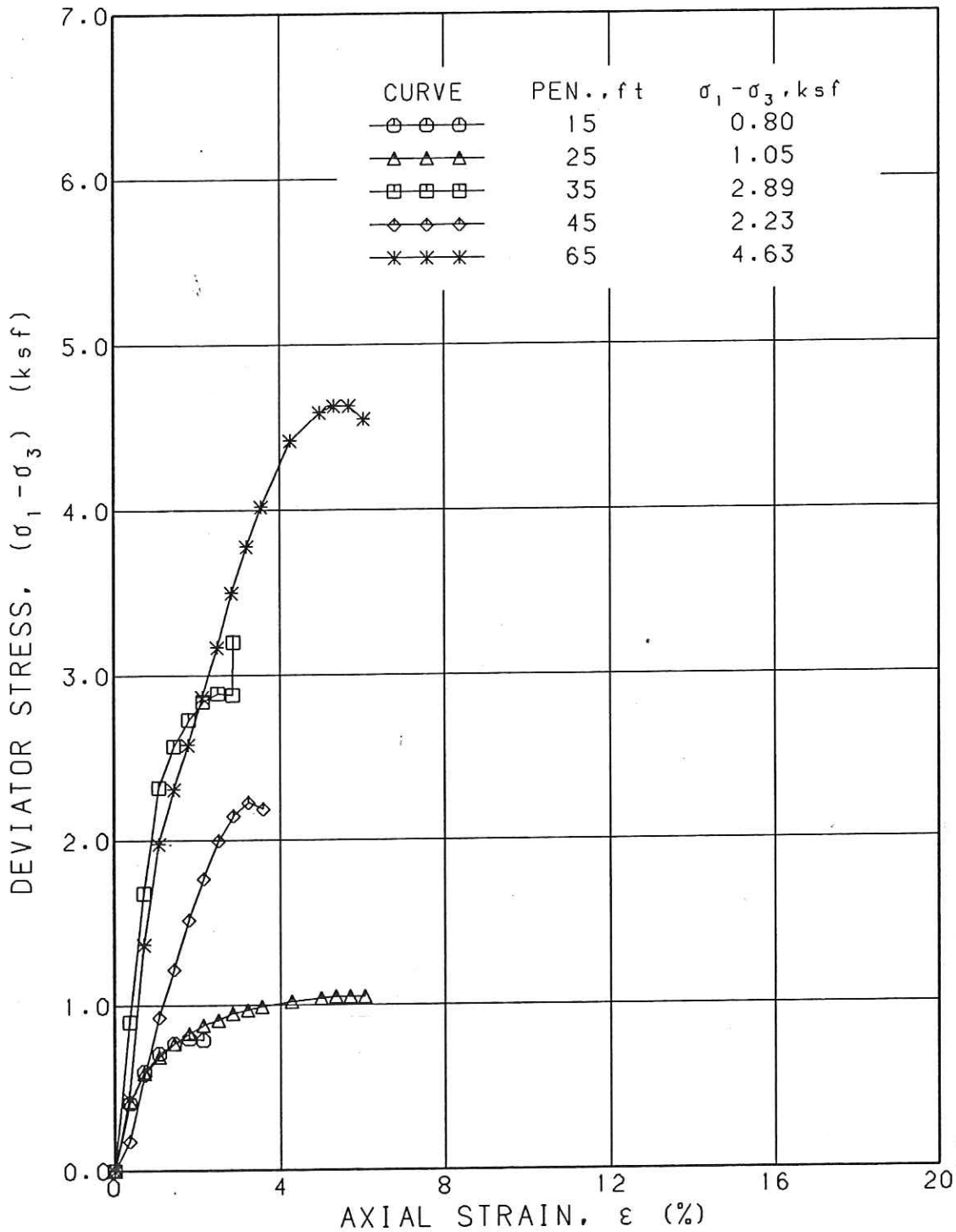
BORING NUMBER	SAMPLE NUMBER/ TYPE	SAMPLE DEPTH (Feet)	VISUAL CLASSIFICATION	U S C	MOISTURE CONTENT (%)	UNIT DRY WEIGHT (pcf)	UNIT WET WEIGHT (pcf)	SPECIFIC GRAVITY OF SOLIDS	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	BAR LINEAR SHRINKAGE (%)	ABBREVIATED MECHANICAL ANALYSIS	COMPLETE MECHANICAL ANALYSIS	HYDROMETER ANALYSIS	STANDARD COMPACTION TEST	MODIFIED COMPACTION TEST	UNDRAINED SHEAR STRENGTH (ksf)*	TORVANE SHEAR (ksf)	SOIL SALINITY (Parts per Thousand)
87-159	1Q	0-1	Stiff brown clay, with sand seam and pockets and calcareous nodules	CH	21														
	2J	4.5-5	Brown clayey silt, with sand pockets	ML	23														
	3J	9.5-10	Very soft olive gray clay, with sand pocket	CH	53				55	18									
	4Q	14-15	Firm brown and olive gray clay, slickensided with silt	CH	45	79			66	22		89					0.40	0.80	
	5Q	19-20	Stiff red clay, with silt pockets and seams and calcareous nodules	CH	34														
	6Q	24-25	Firm brown and olive gray clay, with ferrous nodules and organic material	CH	37	82			51	20		98					0.53		
	7Q	29-30	Stiff red clay, with sand pockets and calcareous nodules	CH	25														
	8Q	34-35	Stiff brown and gray clay, with silt pockets	CH	32	90			72	24		98					1.44		
	9Q	39-40	Stiff red clay, with calcareous nodules	CH	31														
	10Q	44-45	Stiff brown and silty clay, with ferrous nodules and clay pockets	CL	28	94			34	23		99					1.11		
	11Q	49-50	Soft red silty clay, with clay seams and ferrous nodules	CL	32														
	12Q	54-55	Very stiff olive gray clay, with silt partings	CH	31	96													
	13Q	59-60	Firm olive gray clay, with silt partings	CH	44														
	14Q	64-65	Very stiff olive gray clay, with calcareous nodules	CH	41	78			77	26		98					2.32		
	15Q	69-70	Firm olive gray clay, with calcareous nodules	CH	53														

* Based on Unconfined Compression Test

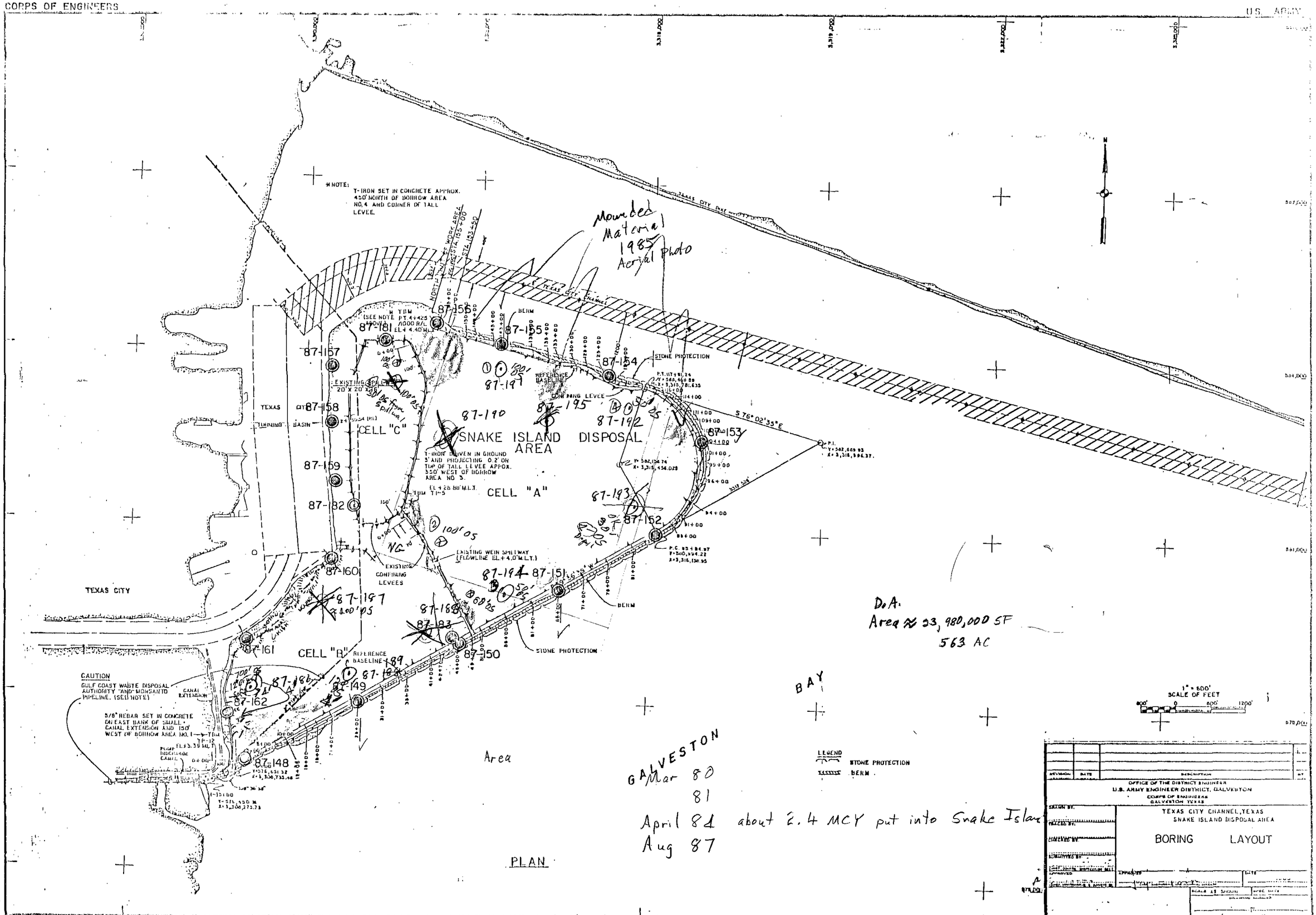
SUMMARY OF TEST RESULTS
DELIVERY ORDER NO. 0023
SNAKE ISLAND DISPOSAL AREA
TEXAS CITY, TEXAS

Boring Number	Sample Number	Depth, ft	Weight of Dry Soil gms (Total Sample)	Percent Finer 0.375	#4	#10	#40	#200
87-158	44	97	79.07				100	87
87-158	49	109	64.28	100	99	98	92	76
87-159	4	15	106.51				100	89
87-159	6	25	82.64				100	98
87-159	8	35	67.48				100	98
87-159	10	45	88.02				100	99
87-159	14	65	52.55			100	99	98
87-160	3	6	83.80			100	99	95
87-160	7	14	82.87				100	96
87-160	9	18	86.58				100	98
87-160	10	20	98.70				100	61
87-160	11	22	62.98				100	73
87-160	12	26	98.14				100	18
87-160	13	30	81.72				100	15
87-160	15	37	58.74				100	94
87-160	19	45	51.78					100
87-160	23	53	64.46				100	99
87-160	25	57	68.34				100	99
87-160	27	61	49.11				100	99
87-160	30	67	33.37				100	96
87-160	34	75	39.82			100	99	98
87-160	38	83	40.21			100	96	94
87-160	44	98	43.03				100	93
87-160	47	106	35.57			100	99	96

RESULTS OF ABBREVIATED SIEVE ANALYSES



STRESS-STRAIN CURVES
UNCOFINED COMPRESSION TEST
BORING 87-159

CORPS OF ENGINEERS

U.S. ARMY