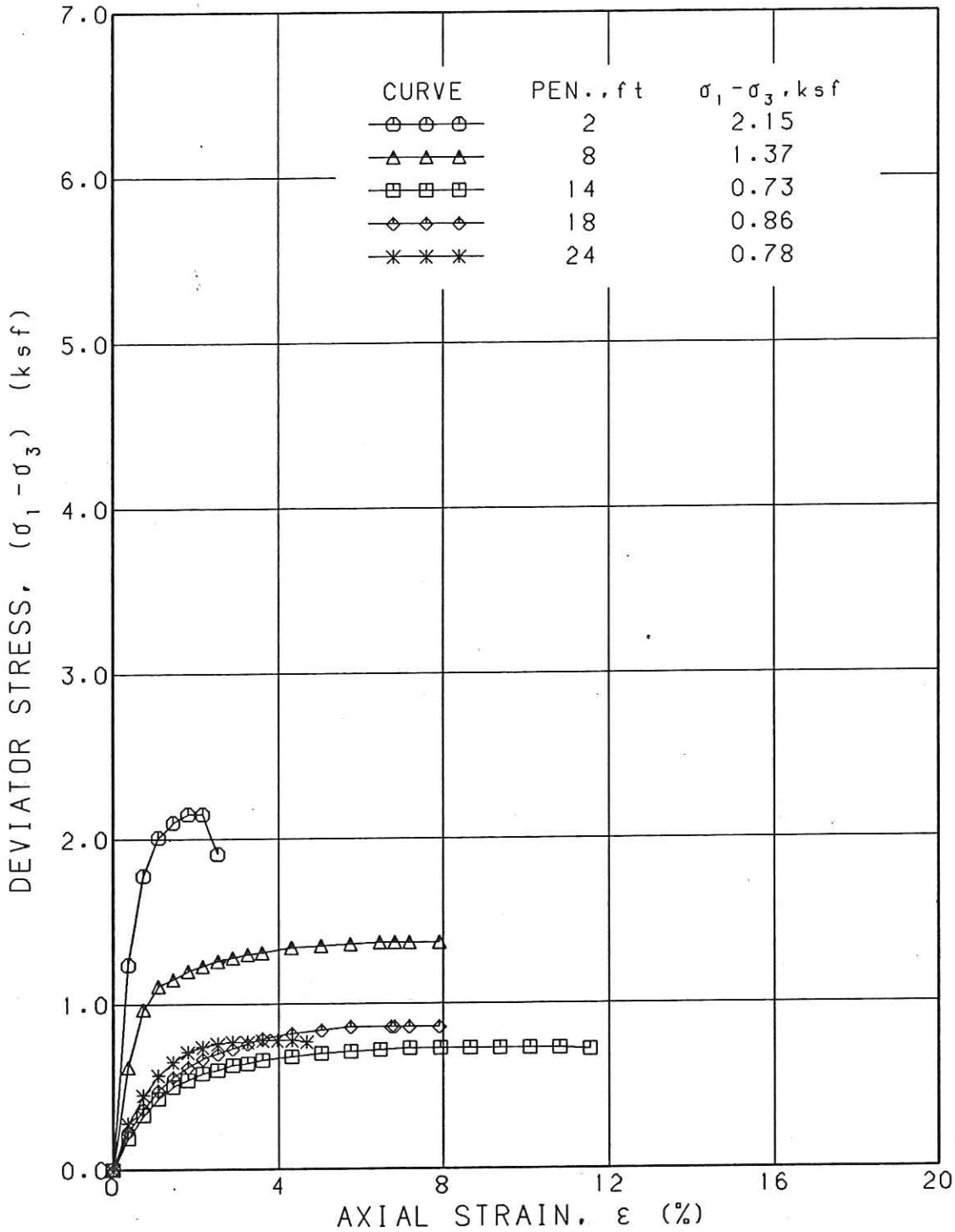
BORING NUMBER	SAMPLE NUMBER/ TYPE	SAMPLE DEPTH (Feet)	VISUAL CLASSIFICATION	U S C	MOISTURE CONTENT (%)	UNIT DRY WEIGHT (pcf)	UNIT WET WEIGHT (pcf)	SPECIFIC GRAVITY OF SOLIDS	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	BAR LINEAR SHRINKAGE (%)	ABBREVIATED MECHANICAL ANALYSIS	COMPLETE MECHANICAL ANALYSIS	HYDROMETER ANALYSIS	STANDARD COMPACTION TEST	MODIFIED COMPACTION TEST	UNDRAINED SHEAR STRENGTH (ksf)*	TORVANE SHEAR (ksf)	SOIL SALINITY (Parts per Thousand)
87-187	1J	0.5-1	Very stiff brown silty clay, with silt pockets	CL	22														
	2Q	1-2	Stiff gray clay, with laminated sand partings (near top half of sample)	CH	48	73			90	30		97					1.08	1.12	
	3J	2.5-3	Very soft dark gray clay, with petroleum odor	CH	83				86	32									
	4J	3.5-4	Very soft gray and red clay, with roots	CH	45														
	5Q	7-8	Firm tan and light gray clay, with sand seams and sand stones	CH	29	93			69	24		92					0.69	0.90	
	6Q	9-10	Fill: Stiff gray and red clay, with silty clay seam and calcareous nodules	CH	34	90												1.40	
	7Q	11-12	Stiff gray & red silty clay, with sand partings & pockets, calcareous nodules & shell fragments	CL	32	71			47	15								1.68	
	8Q	13-14	Firm tan & gray silty clay, with sand seams and shells	CL	34	90			48	19		95					0.37	0.90	
	9Q	15-16	Firm gray & red silty clay, with silty clay & sand pockets, & ferrous & calcareous nodules	CL	33													0.70	
	10Q	17-18	Firm gray, tan and light gray silty clay, slightly sandy, with shell fragments	CL	35	90			48	20		98					0.43	0.88	
	11Q	19-20	Firm olive gray clay, with sandy clay layer, sand pockets & partings & calcareous nodules	CH	27													0.94	
	12Q	23-24	Stiff red and tan and light gray clay, slightly silty, with sand seams	CH	30	96						91					0.39	1.14	
	13Q	24-25	Firm olive gray and dark gray clay, with silty clay partings, sand pockets & layer	CH	44				72	21								0.80	

* Based on Unconfined Compression Test

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

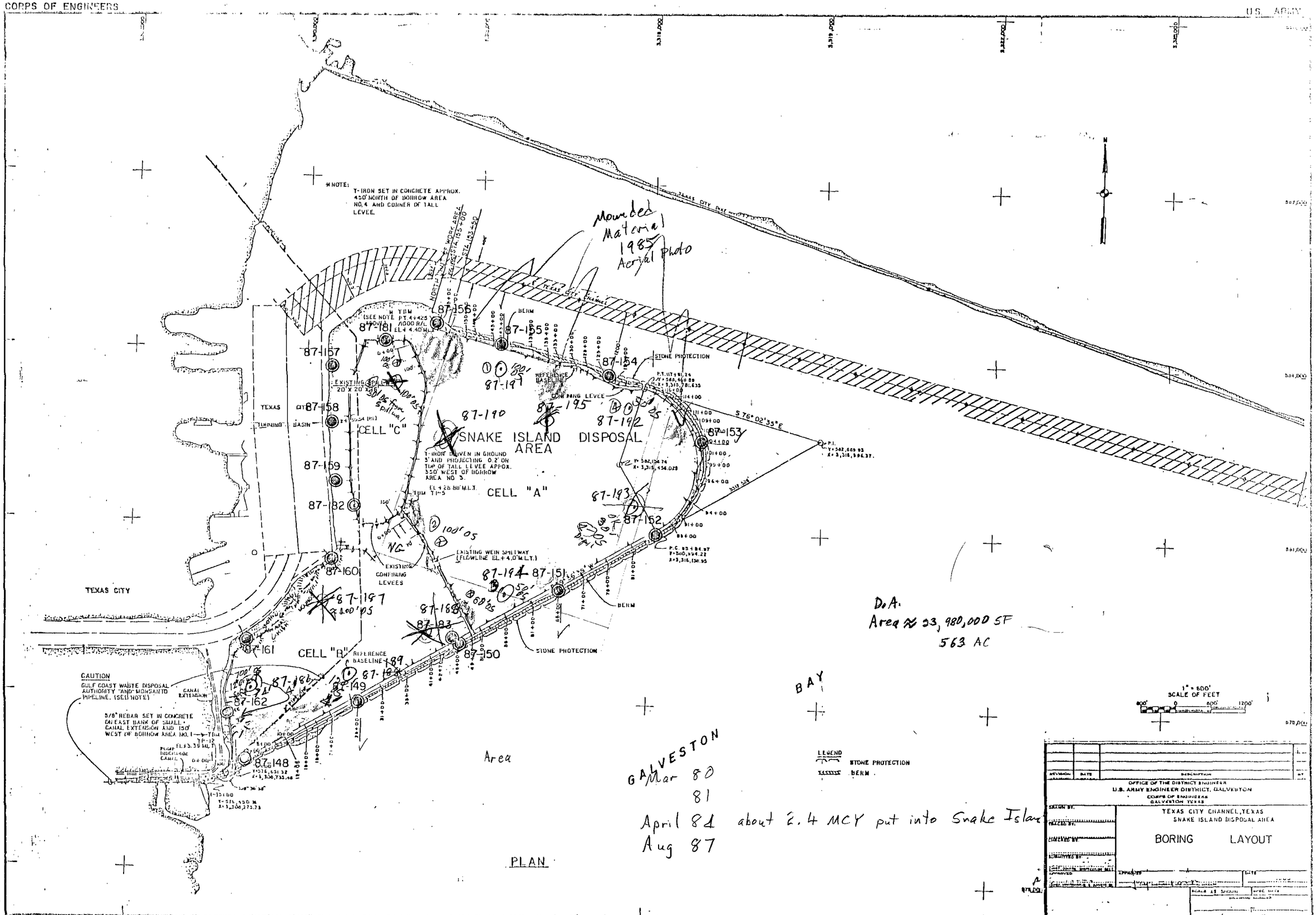
Boring Number	Sample Number	Depth, ft	Weight of Dry Soil gms (Total Sample)	Percent Finer				
				0.375	#4	#10	#40	#200
87-186	13	24	74.85		100	98	93	79
87-187	2	2	76.01				100	97
87-187	5	8	69.30		100	99	96	92
87-187	8	14	67.73			100	99	95
87-187	10	18	52.14			100	99	98
87-187	12	24	58.13				100	91

RESULTS OF ABBREVIATED SIEVE ANALYSES



STRESS-STRAIN CURVES
UNCOFINED COMPRESSION TEST
BORING 87-187

McCLELLAND ENGINEERS

CORPS OF ENGINEERS

U.S. ARMY