Boring No.	Elev ft MLT	P P (tsf)	Mc (%)	Dry Unit Wt (pcf)	L L (%)	PL (%)	Mechanical Analysis GR %	SA %	FINES %	UC (SU) (psf)	U S C	Visual Classification
Medium Clay												
91-147	9.2	0.50	65	61	110	30	0	0.3	99.7	210	CH	CLAY, Medium, Gray & Dark Gray
91-149	3.7	0.50	59	64	98	32				570	CH	CLAY, Medium, Gray & Dark Gray
91-155	11.7	0.75	38	84	67	27	0	7.4	92.6	370	CH	CLAY, Medium, Red & Gray
91-155	7.7	0.50	39	83	60	22	0.1	4.3	95.6	170	CH	CLAY, Medium, Red & Gray
91-155	1.7	0.50	34	84	60	23	0.3	2.9	96.8	220	CH	CLAY, Medium, Red & Gray
91-156	-6.1	0.50	34	87	50	19	0	7.6	92.4	450	CH	CLAY, Medium, Gray & Yellowish Gray
91-158	15.3	0.50	17	111	48	19	5.3	33.3	61.4	610	CL	SANDY CLAY, W/Shell Fragments, Medium, Gray & Brown
91-158	5.3	0.75	21	104	21	14	0	47.8	52.2	680	CL	SANDY CLAY, W/Clay Seams, Medium, Gray
91-158	-0.7	0.50	24	104	39	18	0	41.8	58.2	350	CL	SANDY CLAY, W/ Clay Pockets, Medium, Gray & Brown
91-160	8.7	0.50	30	90	58	20	0.5	1.8	97.7	410	CH	CLAY, W/Sand Pockets and Shell Fragments, Medium, Gray & Brown
91-160	2.7	0.50	64	60	110	38	0	0.4	99.6	270	CH	CLAY, W/ Tar Pockets, Medium, Gray
91-161	6.8	0.75	31	88	94	35	0.4	1.3	98.3	310	CH	CLAY, W/Shell and Shell Frags, Calc Nod& Organic Mat'l, Medium, Brown & Dark Gray
91-161	0.8	0.50	71	58	120	46	0	1.2	99.8	490	CH	CLAY, W/Organic Material, Medium, Dark Gray
Stiff Clay												
91-155	15.7	1.00	27	94	56	21	0	7.2	92.8	590	CH	CLAY, W/Sand Pockets, Stiff, Red & Gray
91-162	10.2	1.25	24	97	55	23	0	1.4	98.6	1410	CH	CLAY, W/Calcareous & Ferrous Nodules, Stiff, Brown & Gray
91-165	12.4	1.50	38	84	81	28	0.5	1.4	98.1	730	CH	CLAY, W/Sand Seams, Shell Fragments & Organic Material, Stiff, Dark Gray
Very Stiff Clay												
91-159	5.4	2.50	17	115	38	15	2.8	35.2	62	1100	CL	SANDY CLAY, W/ Shell and Shell Fragments, Very Stiff, Gray & Brown
91-161	14.8	2.00	21	106	70	24	0.6	1.3	98.1	1770	CH	CLAY, W/Sand Seams and Calcareous Nodules, Very STiff, Brown & Gray

Legend

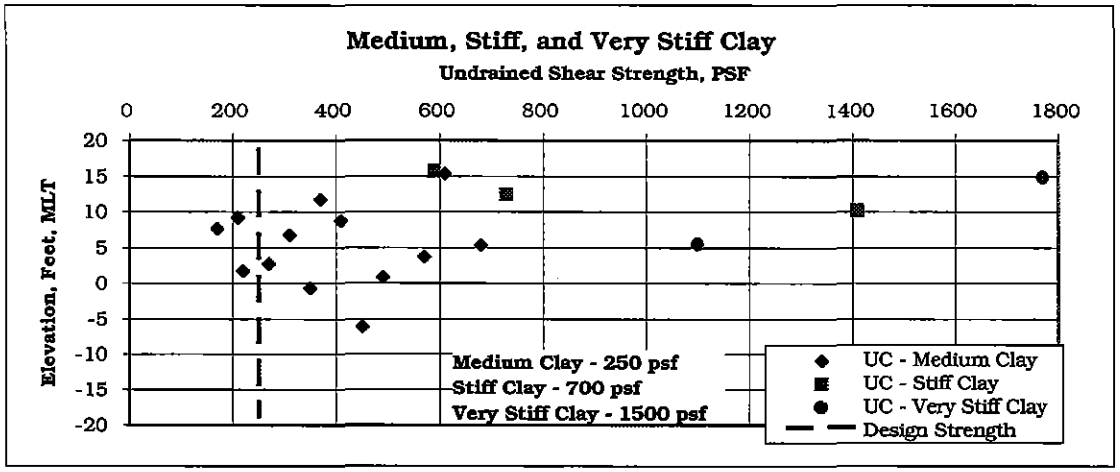
PP - Pocket penetrometer test

UC - Unconfined compression test (SU = 0.5*qu)

Q-Test - Unconsolidated-undrained triaxial compression

SU - Undrained shear strength

USC - Unified Soil Classification System



DATE 1-10-92 INITIALS JAA DBC

SUMMARY OF QUESTIONABLE
ERRONEOUS OR MISSING DATA
FOR
CONTRACT NO. DACW64-91-C-0043
PROJECT: LABORATORY TESTING OF SOIL SAMPLES, LOST LAKE DISPOSAL AREA HOUSTON SHIP CHANNEL, HOUSTON, TX

BORING NO.	SAMPLE NO.	COMMENTS ON TEST RESULTS
91-147	3	Pocket penetrometer results (0.25) indicate soil is soft, classification states medium
91-149	8	Pocket penetrometer results (0.0) indicate soil is very soft, classification states soft
91-152	9	If this is stiff clay, why wasn't penetrometer performed?
91-153	5	If this is medium clay, why wasn't penetrometer performed?
91-154	11	Classification states stiff clay, USC states SM, penetrometer not given
	12	Classification states medium clay, USC states SM, penetrometer not given
91-155	9	Pocket penetrometer results (0.75) indicate soil is medium, torvane results (0.70) indicate medium, classification states stiff
91-157	1	Pocket penetrometer results (0.00) indicate soil is very soft, torvane results (0.16) indicate very soft, classification states soft
91-159	4	Unconfined compressive strength result is erroneous, should be.25 instead of.35
91-163	7	Abbreviated mechanical analysis requested but not given