

Lost Lake Placement Area

Very Soft and Soft Clay

Boring No.	Elev ft MLT	P P (tsf)	Mc (%)	Dry Unit Wt (pcf)	LL (%)	PL (%)	Mechanical Analysis			UC (SU) (psf)	U S C	Visual Classification
							GR %	SA %	FINES %			

Very Soft Clay

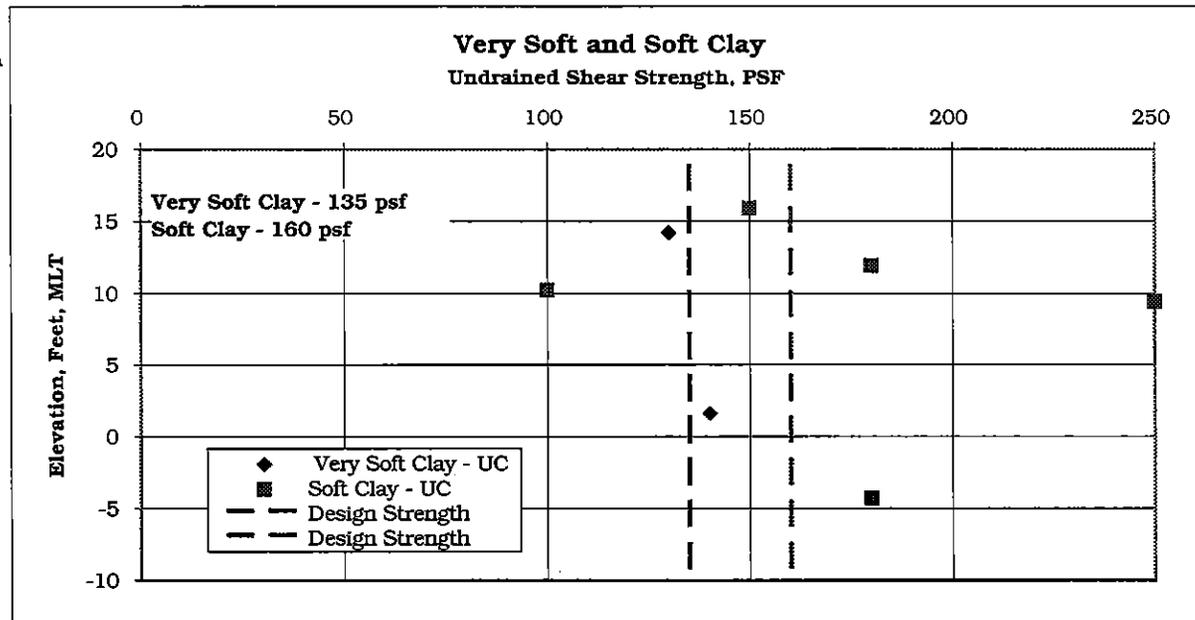
91-157	14.2	0.00	61	65	52	32	0	5.6	90.4	130	CH	CLAY, W/Sandy Pockets, Very Soft, Gray
91-164	1.6	0.00	50	71	90	30	0	0.8	99.2	140	CH	CLAY, W/Organic Material, Very Soft, Gray & Dark Gray

Soft Clay

91-155	-4.3	0.25	40	79	69	27	0.4	6.2	93.4	180	CH	CLAY, W/Sand Pockets, Soft, Brown & Dark Gray
91-156	15.9	0.25	46	74	94	30	0	6.1	93.9	150	CH	CLAY W/Sand and Silt Pockets, Soft, Gray
91-156	11.9	0.25	31	91	35	20	0	18.3	81.7	180	CL	SANDY CLAY, W/Sand Pockets, Soft, Gray
91-157	10.2	0.25	66	60	87	25	0	8.4	91.6	100	CH	CLAY, W/Organic Material, Soft, Gray
91-159	9.4	0.25	70	57	108	33	0	0.5	99.5	250	CH	CLAY W/ Tar Pockets, Soft, 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 1-10-92INITIALS JAA ABCSUMMARY 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