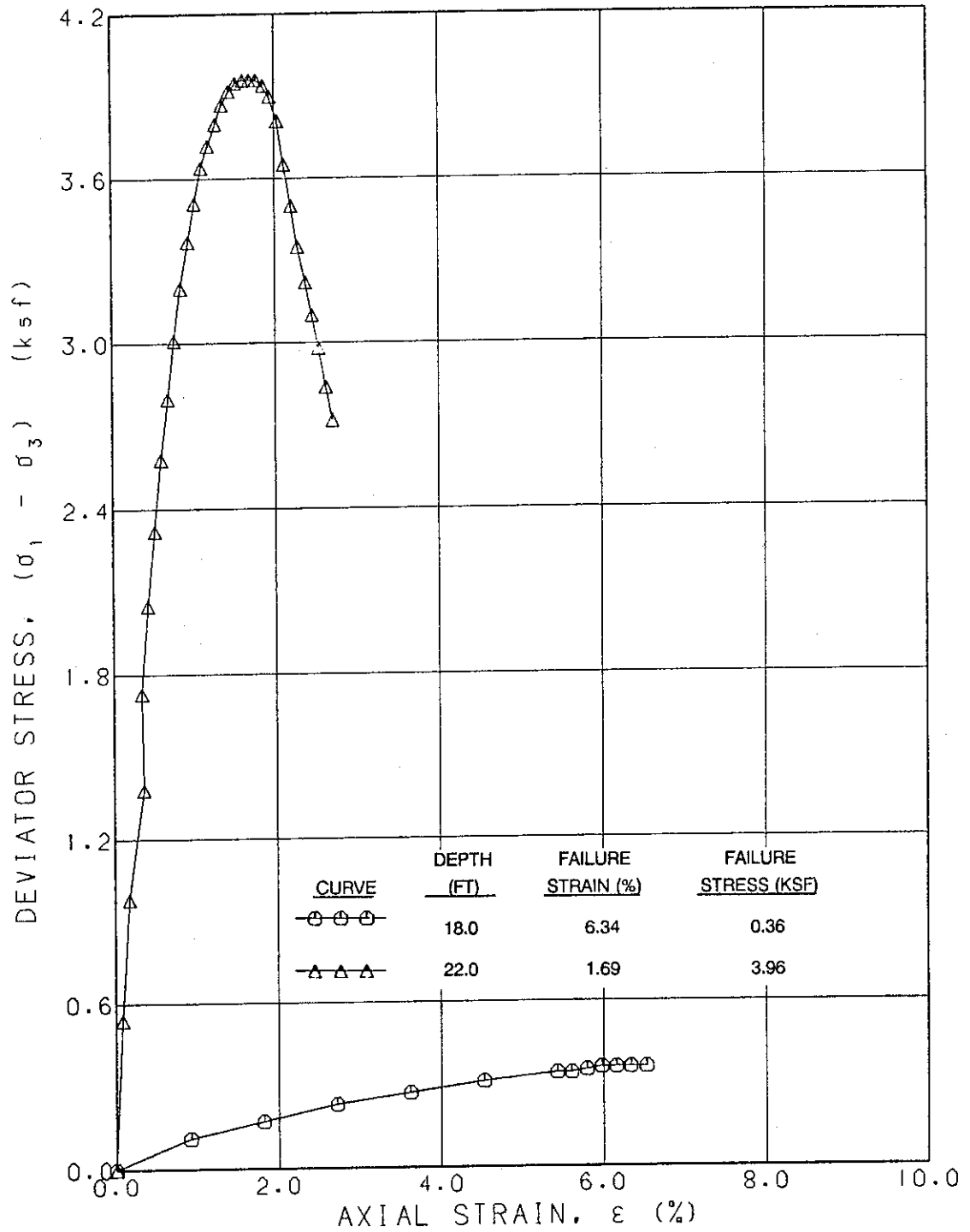


SUMMARY OF TEST RESULTS

Mouth of Colorado River Project
Matagorda, Texas

*Based on Unconfined Compression Test Results



STRESS-STRAIN CURVES
UNCONFINED COMPRESSION TEST
BORING 89-59



1. SOLE'S BAY: BURNED CLASSIFIED BY ACCORDANCE WITH MILITARY STANDARD GRY 100-10. SOIL CLASSIFICATION SYSTEM FOR ROADS, AIRFIELDS, EMBANKMENTS AND FUNDATIONS. *CONSISTENCY OF SOILS SUCH AS SOFT, MEDIUM, HARD, LOOSE-DENSE, ETC., ARE RELATIVE TERMS BASED ON ESTIMATED UNDISTURBED SHEAR STRENGTH OF THE MATERIAL, AS DETERMINED BY VISUAL CLASSIFICATION, PENETROMETER TESTS AND PENETRATION RESISTANCE DURING SAMPLING.

2. FIGURES TO THE RIGHT OF BORING-LOGS ARE WATER CONTENTS IN PERCENT OF THE DRY WEIGHT, DRY DENSITY, LIQUID LIMIT, PLASTIC LIMIT, AND BAR LINE SENSURE. (MC-100)(LL-PL)(LI-LS).

3. BORINGS 89-59 THRU 89-62, 89-70 THRU 89-78, 79-02, 79-03 THRU 77-34S, AND 79-05 THRU 79-07, WERE DRILLED USING WET ROTARY DRILLING TECHNIQUES AND UNDISTURBED SAMPLES WERE RECOVERED WITH A 3-INCH DIAMETER SAMPLER WHERE COHESIVE MATERIALS WERE ENCOUNTERED. WHERE COHESIVE MATERIALS WERE ENCOUNTERED, DISTURBED SAMPLES WERE TAKEN WITH A SPLIT SPOON SAMPLER DURING PERFORMANCE OF STANDARD PENETRATION TESTING. BORINGS 89-63, 89-66, 89-68, 89-69, 89-76, AND 89-77 WERE DRILLED USING MECHANICAL AUGER AND BORING 89-87 WAS DRILLED USING WET ROTARY TECHNIQUE TO OBTAIN DISTURBED SAMPLES.

4. WATER TABLES LEVELS SHOWN ON BORING LOGS WERE DETERMINED AFTER DRILLING BORINGS BY MEASURING THE TOP OF FLUID LEVELS IN THE BORING. IN BORINGS WHERE WET ROTARY DRILLING TECHNIQUES AND DRILLING MUD WERE USED TO DRILL THE HOLES, THE LEVEL OF DRILLING FLUIDS IN THE BORE HOLES MAY NOT HAVE STABILIZED TO THE LEVEL OF THE ACTUAL WATER TABLE. IN NATURALLY SATURATED WATER TABLES IN THE FIELD ARE LIKELY TO FLUCTUATE DEPENDING ON CLIMATE AND OTHER CONDITIONS. THEREFORE, SOME VARIATION SHOULD BE ANTICIPATED BETWEEN WATER TABLES INDICATED AND WATER TABLES ENCOUNTERED IN THE FIELD.

VISUAL CLASSIFICATIONS

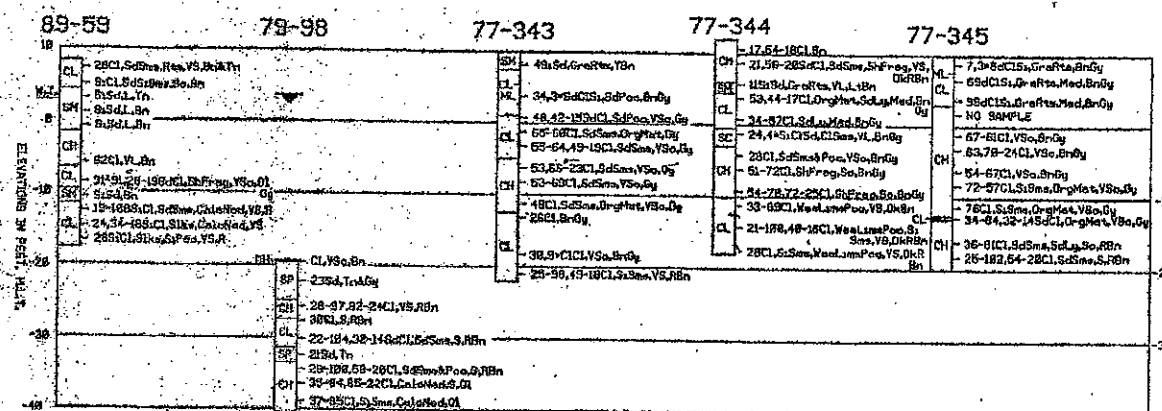
Am Brownish	Q Quack
Ar Clavies	Qr Quagga
Cdu Ciderous	Part Partingled
D Denar	Part Petrolum
Deo Deceoyed	Poo Pookatled
Dep Deposited	R Reddish
Dk Dark	Rte Rautish
Fer Ferrous	S Sift
Frog Frognated	Sd Sully
G Gramistid	Sh Sherry
Gra Grass	Sl Silty
Gr Grayish	Skw Silkenalened
L Loose	Smk Seams
Lady Ladies	So Soft
Linn Librarians	Tn Tanhuk
Lt Light	V Very
Lg Luyal	Wg Wagon
Mt Marsters	Wd Wadens
Med Modum	Wd Weathered
Mod Modum	Y Yellowish

LABORATORY CLASSIFICATION

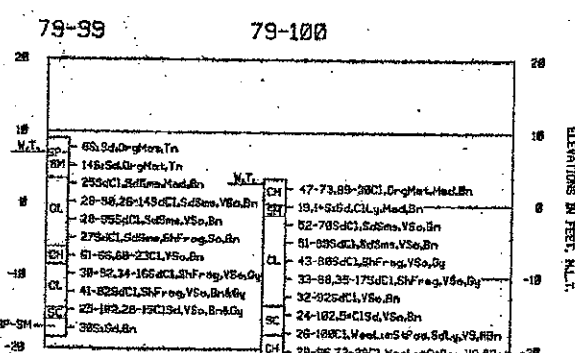
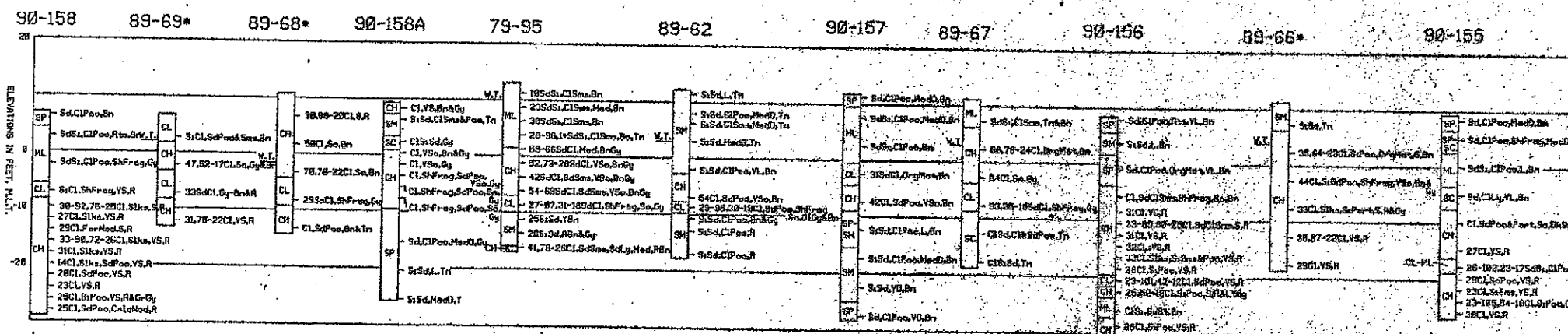
SP POORLY-GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES.
SM SILTY SANDS, SAND-SILT MIXTURES.
CL ORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS.
ML ORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, LEAN CLAYS.
CL ORGANIC SILTS AND VERY FINE SANDS, WITH SLIGHT PLASTICITY.
SC CLAYEY SANDS, SAND-SILT MIXTURES.
PT PEAT AND OTHER HIGHLY ORGANIC SOILS.

LOGS OF BORINGS
DISPOSAL AREA NO. 3

NOTE : • INDICATES ALGERE BOMBING

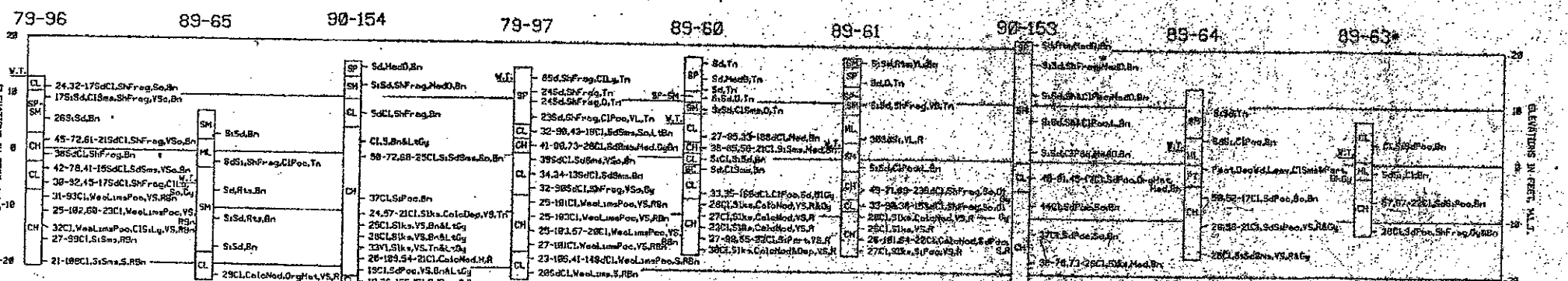


DIVERSION DAM
LOGS OF BORINGS



DIVERSION CHANNEL
LOGS OF BORINGS

NOTE: APPROXIMATE MAXIMUM DEPTH OF PREVIOUS DREDGING IS TO EL. -20.0 M.L.T.



CONNECTING CHANNEL
LOGS OF BORINGS

