

- 1. ∑: Water First Noticed. ▼: Depth To Water after 15 minutes.
- 2. Terms and symbols defined on Plates A-32a and A-32b.
- 3. Coordinates obtained from handheld GPS.
- 4. Consolidated Undrained test performed at 16'.

DATE: March 22, 2011

TOTAL DEPTH: 25' CAVED DEPTH: Not Applicable

DRY AUGER: Surface to 25' WET ROTARY: Not Applicable BACKFILL: Cement-Bentonite Grout

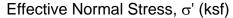
LOGGER: B. Burkett

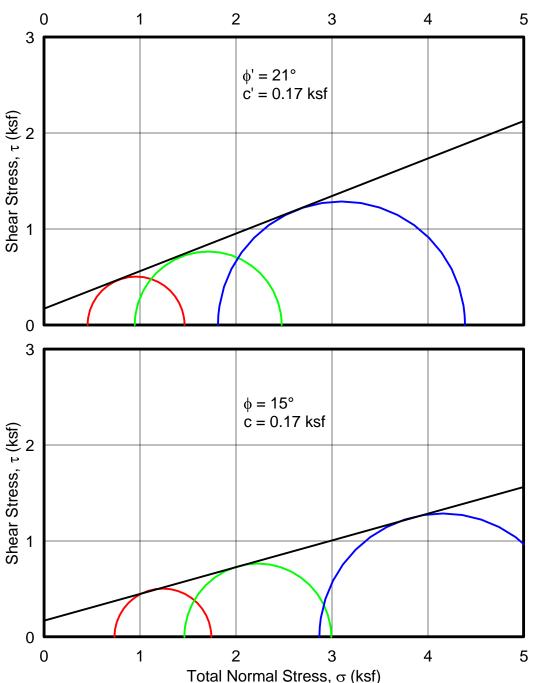
LOG OF BORING NO. B-36

DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY HARRIS COUNTY, TEXAS









MATERIAL: CLAY, black

INITIAL WATER CONTENT: 26 % INITIAL WET UNIT WEIGHT: 123 pcf INITIAL DRY UNIT WEIGHT: 98 pcf INITIAL VOID RATIO: 0.750

LIQUID LIMIT: 66 PLASTIC LIMIT: 15 PLASTICITY INDEX: 51

SPECIFIC GRAVITY: 2.75 (assumed)

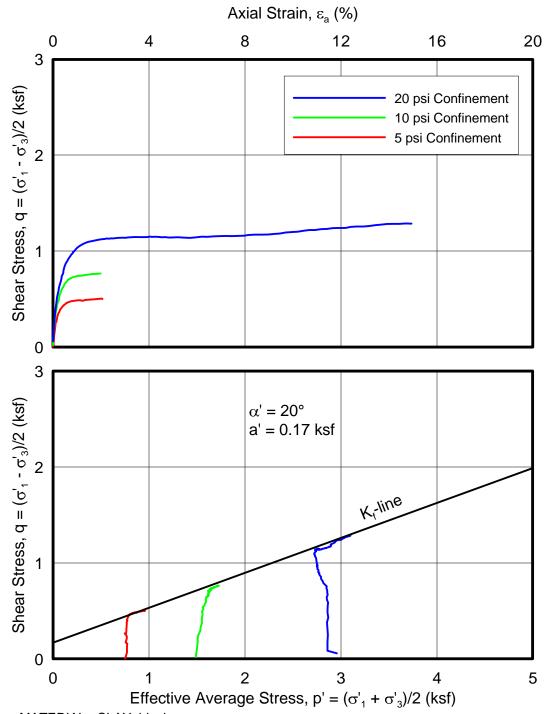
MULTI STAGE CONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST RESULTS

ISOTROPICALLY CONSOLIDATED - MOHR'S CIRCLES
BORING B-36, 16 FEET DEPTH
DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS
BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY
HARRIS COUNTY, TEXAS



PLATE B-3a





MATERIAL: CLAY, black

INITIAL WATER CONTENT: 26 % INITIAL WET UNIT WEIGHT: 123 pcf INITIAL DRY UNIT WEIGHT: 98 pcf INITIAL VOID RATIO: 0.750

LIQUID LIMIT: 66
PLASTIC LIMIT: 15
PLASTICITY INDEX: 51

SPECIFIC GRAVITY: 2.75 (assumed)

MULTI STAGE CONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST RESULTS

ISOTROPICALLY CONSOLIDATED - STRESS AND STRAIN CURVES BORING B-36, 16 FEET DEPTH

DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS
BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY
HARRIS COUNTY, TEXAS

