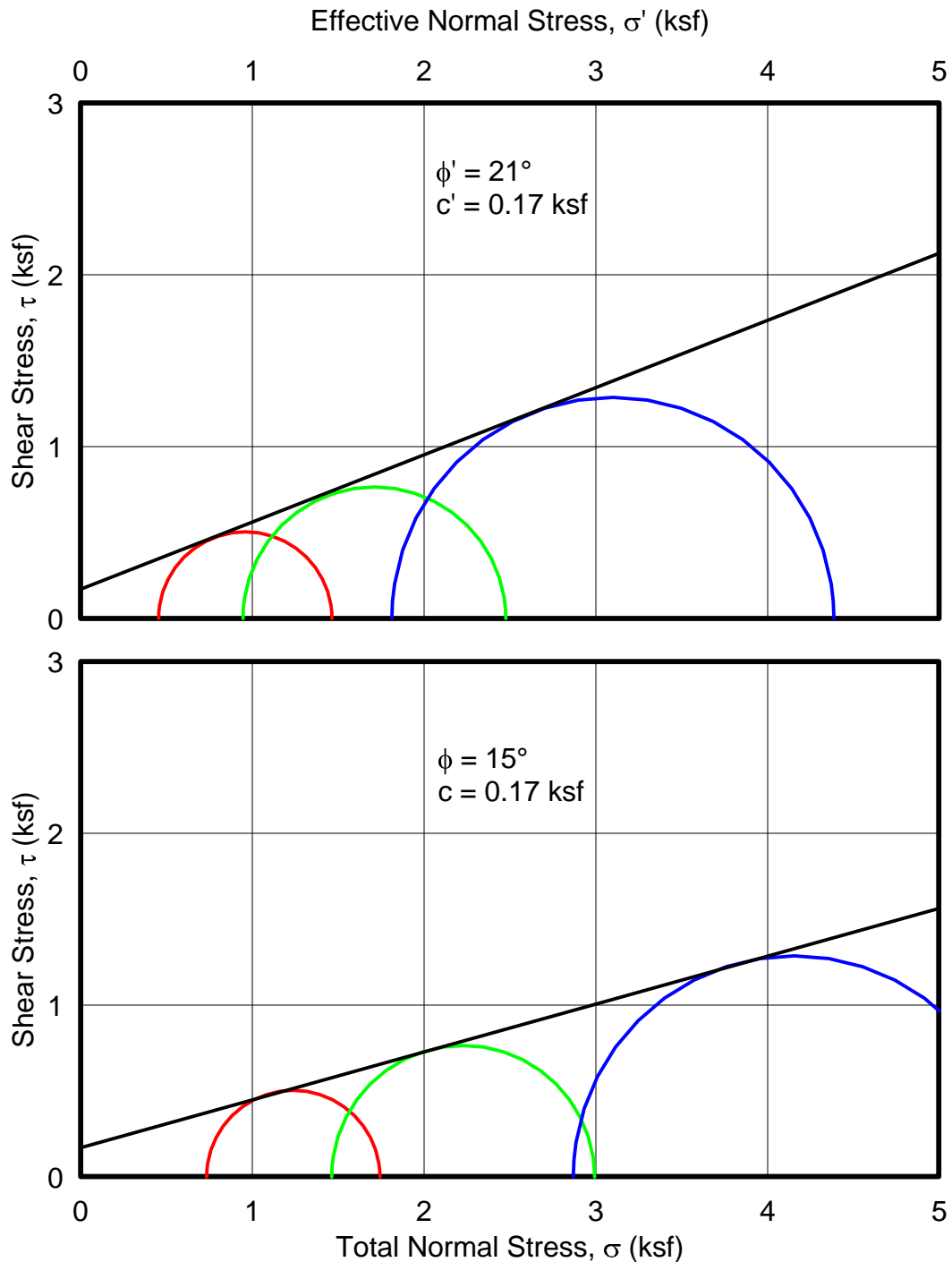


R:041202011 PROJECTS\0001-0099\0412-11-0003\INDUSTRIAL\WIR_MV FUGRO_SO (LAB DATA)_INDUSTRIAL (WIR_MV) 6/2/2011

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

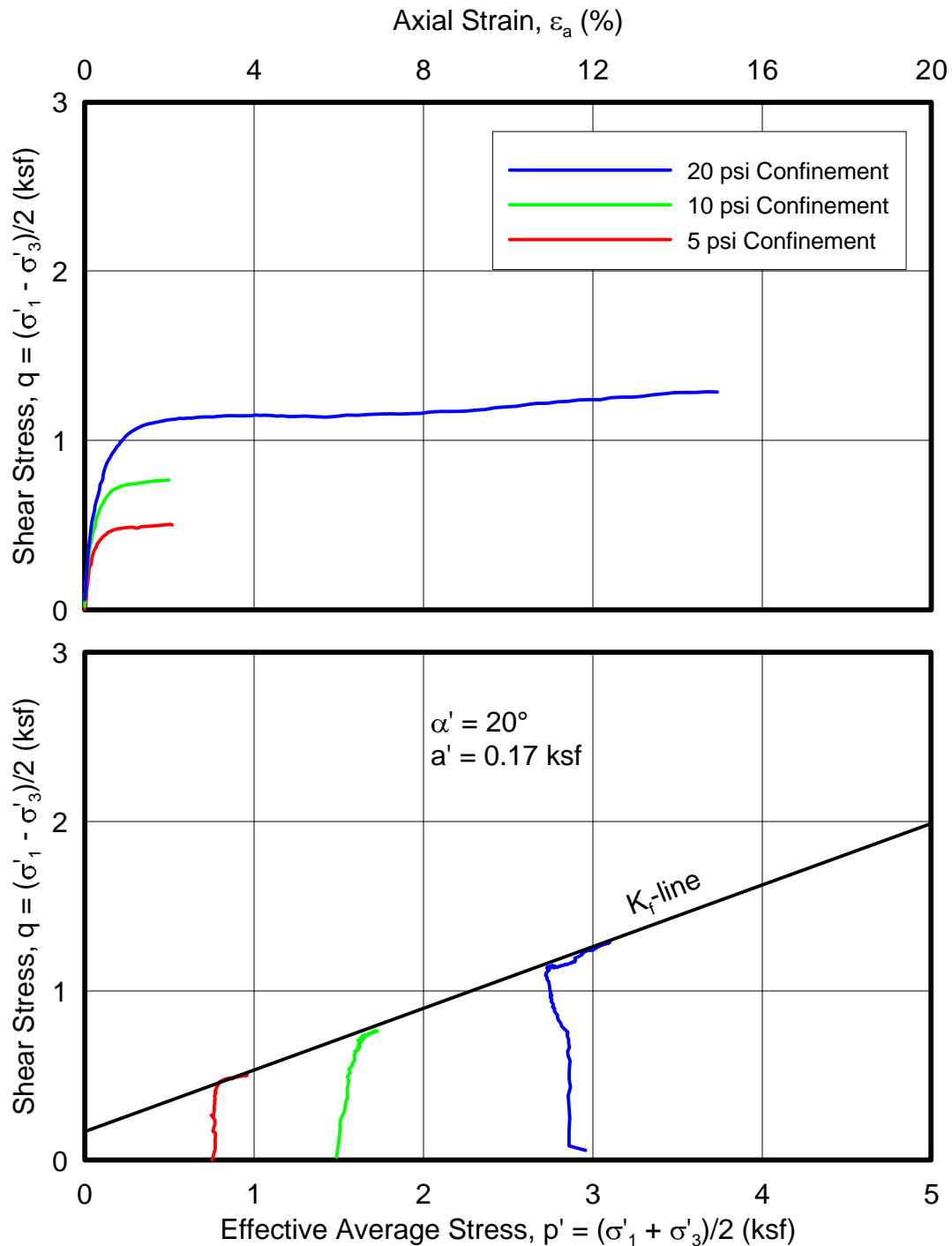
ISOTROPICALLY CONSOLIDATED - MOHR'S CIRCLES

BORING B-36, 16 FEET DEPTH

DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS

BATTLEGROUNDS 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 - STRESS AND STRAIN CURVES

BORING B-36, 16 FEET DEPTH

DOCKS, BRIDGE, AND BARNES ISLAND IMPROVEMENTS

BATTLEGROUND OIL SPECIALTY TERMINAL COMPANY

HARRIS COUNTY, TEXAS