**Unconsolidated Undrained (UU)**

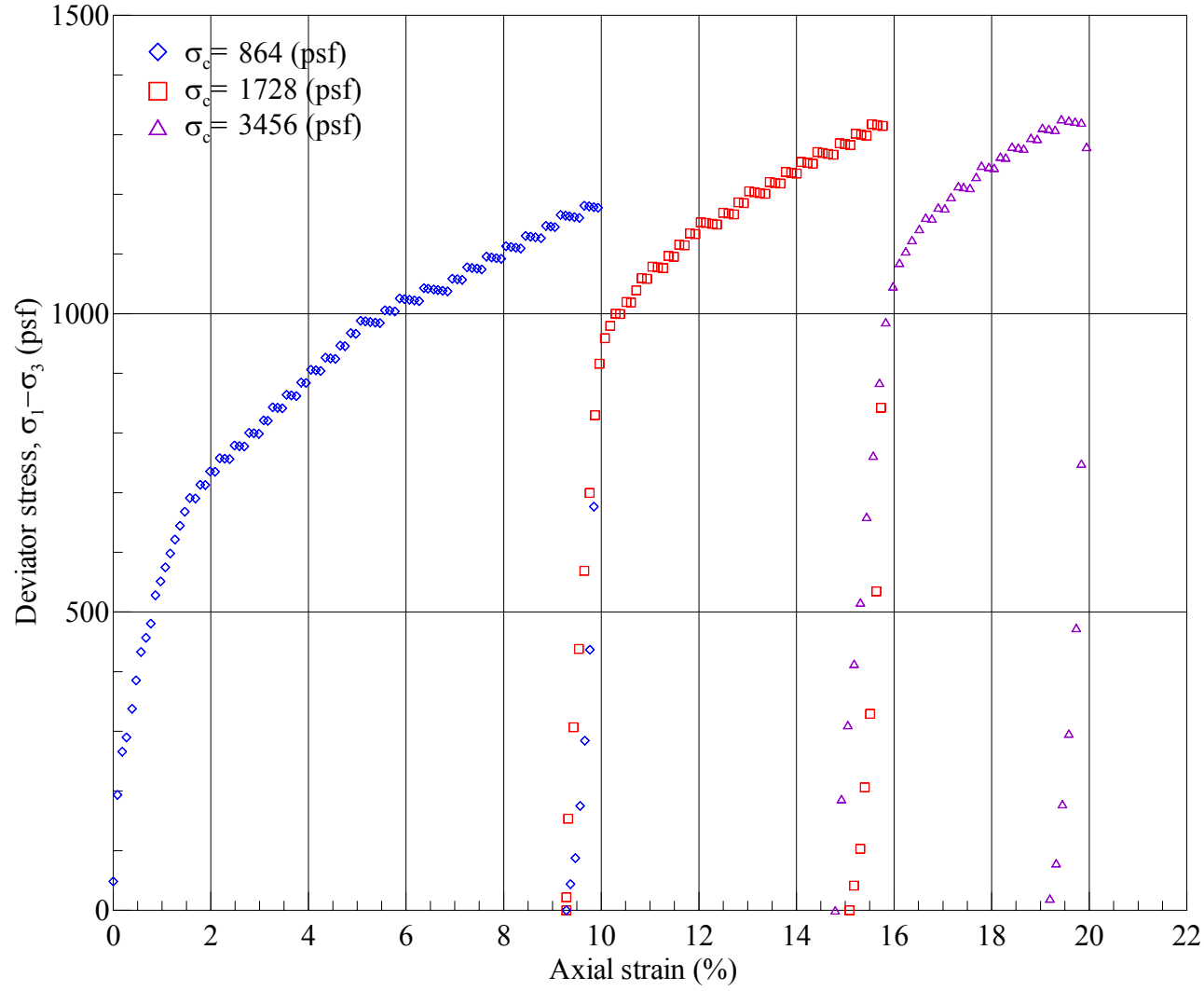
**Project Name: BYU (Dr. Youd)**
**Project Number: M00399-003**
**Sample: WLA D2**
**Depth: 22.0-24.5**

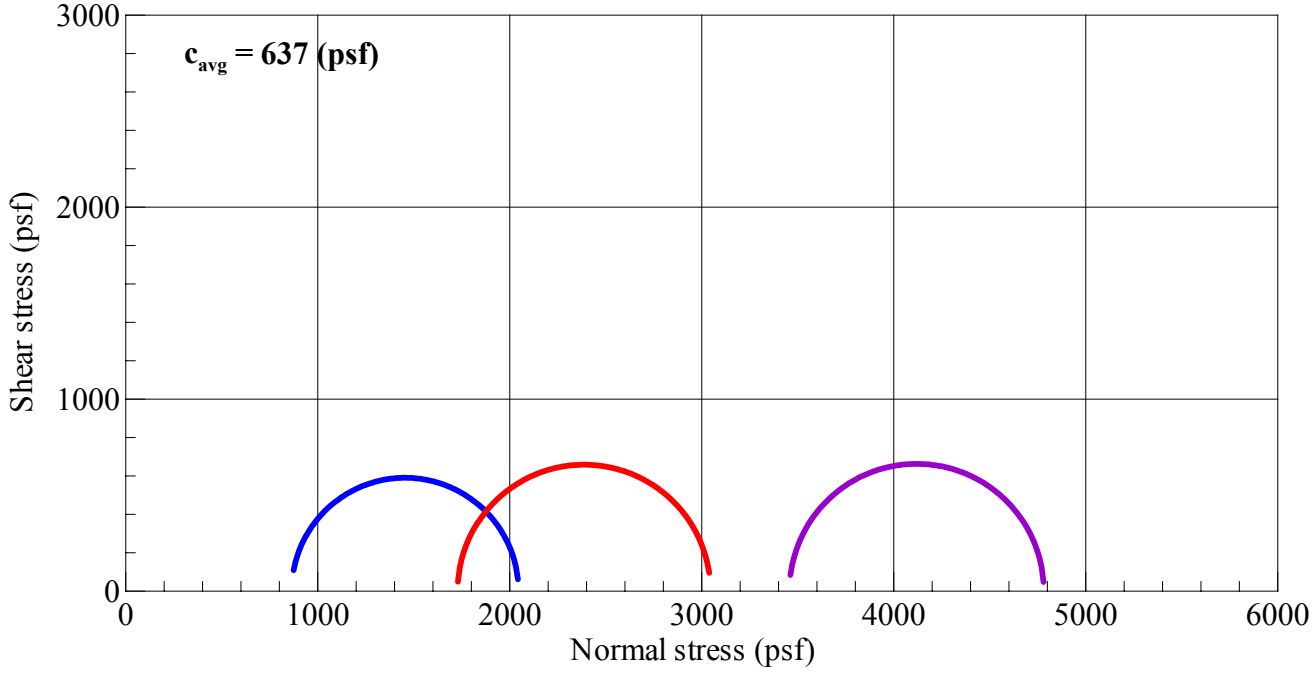
| Phase | | | 1 | | 2 | | 3 | |
|---|---|---|---|---|---|---|---|---|
| Initial | | w (%) | 26.3 | | Multi-Staged Test | | | |
| | | γm (pcf) | 125.0 | | | | | |
| | | γd (pcf) | 98.9 | | | | | |
| | | B | 0.62 | | | | | |
| Final | | w (%) | | | | | 26.8 | |
| | | γm (pcf) | | | | | 127.6 | |
| | | γd (pcf) | | | | | 100.6 | |
| | | B | | | | | 0.97 | |
| Back pressure (psi) | | | 39.5 | | 39.5 | | 39.5 | |
| Strain rate (in/min) | | | 0.0180 | | 0.0180 | | 0.0180 | |
| Stress conditions | | | Peak σ1-σ3 | Max σ'1/σ'3 | Peak σ1-σ3 | Max σ'1/σ'3 | Peak σ1-σ3 | Max σ'1/σ'3 |
| Total Stress at Failure | | Time to Fail (min) | 32.7 | | 20.0 | | 12.3 | |
| | | ε (%) | 9.65 | | 15.55 | | 19.43 | |
| | | σ3 (psf) | 864 | | 1728 | | 3456 | |
| | | σ1-σ3 (psf) | 1181 | | 1318 | | 1326 | |
| | | σ1 (psf) | 2045 | | 3046 | | 4782 | |
| | | P = (σ1+σ3)/2 (psf) | 1455 | | 2387 | | 4119 | |
| | | Q = (σ1-σ3)/2 (psf) | 591 | | 659 | | 663 | |
| | | **Shear stress at failure, $\tau_f$ (psf)** | **591** | | **659** | | **663** | |

| | |
|---|---|
| **Average shear stress at failure, $\tau_f$ (psf)** | **637** |

Tested by:_____
Reviewed:_____

**BYU (Dr. Youd)**
**M00399-003**
**WLA D2**
**22.0-24.5**



***Multi-Staged Triaxial Test***
***Unconsolidated Undrained (UU)***

IGES

Project: **BYU (Dr. Youd)** Phase 1
Number: **M00399-003** Confining Stress = 864 (psf)
Sample: **WLA D2**
Depth: **22.0-24.5**

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| Axial strain, ε (%) | σd (σ1−σ3) (psf) | Total σ3 (psf) | Total σ1 (psf) | Q = su (σ1−σ3)/2 (psf) | P (σ1+σ3)/2 (psf) | σ1/σ3 |
|---|---|---|---|---|---|---|
| 0.00 | 48 | 864 | 912 | 24 | 888 | 1.06 |
| 0.08 | 194 | 864 | 1058 | 97 | 961 | 1.22 |
| 0.18 | 266 | 864 | 1130 | 133 | 997 | 1.31 |
| 0.27 | 290 | 864 | 1154 | 145 | 1009 | 1.34 |
| 0.38 | 338 | 864 | 1202 | 169 | 1033 | 1.39 |
| 0.47 | 386 | 864 | 1250 | 193 | 1057 | 1.45 |
| 0.57 | 433 | 864 | 1297 | 217 | 1081 | 1.50 |
| 0.67 | 457 | 864 | 1321 | 228 | 1092 | 1.53 |
| 0.77 | 481 | 864 | 1345 | 240 | 1104 | 1.56 |
| 0.87 | 528 | 864 | 1392 | 264 | 1128 | 1.61 |
| 0.97 | 551 | 864 | 1415 | 276 | 1140 | 1.64 |
| 1.07 | 575 | 864 | 1439 | 287 | 1151 | 1.67 |
| 1.17 | 598 | 864 | 1462 | 299 | 1163 | 1.69 |
| 1.27 | 622 | 864 | 1486 | 311 | 1175 | 1.72 |
| 1.37 | 645 | 864 | 1509 | 322 | 1186 | 1.75 |
| 1.47 | 668 | 864 | 1532 | 334 | 1198 | 1.77 |
| 1.57 | 691 | 864 | 1555 | 346 | 1210 | 1.80 |
| 1.68 | 690 | 864 | 1554 | 345 | 1209 | 1.80 |
| 1.78 | 713 | 864 | 1577 | 357 | 1221 | 1.83 |
| 1.88 | 713 | 864 | 1577 | 356 | 1220 | 1.82 |
| 1.98 | 736 | 864 | 1600 | 368 | 1232 | 1.85 |
| 2.08 | 735 | 864 | 1599 | 367 | 1231 | 1.85 |
| 2.18 | 758 | 864 | 1622 | 379 | 1243 | 1.88 |
| 2.28 | 757 | 864 | 1621 | 379 | 1243 | 1.88 |
| 2.38 | 756 | 864 | 1620 | 378 | 1242 | 1.88 |
| 2.48 | 779 | 864 | 1643 | 390 | 1254 | 1.90 |
| 2.58 | 778 | 864 | 1642 | 389 | 1253 | 1.90 |
| 2.68 | 778 | 864 | 1642 | 389 | 1253 | 1.90 |
| 2.78 | 800 | 864 | 1664 | 400 | 1264 | 1.93 |
| 2.88 | 799 | 864 | 1663 | 400 | 1264 | 1.93 |
| 2.98 | 799 | 864 | 1663 | 399 | 1263 | 1.92 |
| 3.08 | 821 | 864 | 1685 | 411 | 1275 | 1.95 |
| 3.17 | 821 | 864 | 1685 | 410 | 1274 | 1.95 |
| 3.27 | 843 | 864 | 1707 | 422 | 1286 | 1.98 |
| 3.37 | 842 | 864 | 1706 | 421 | 1285 | 1.97 |
| 3.47 | 841 | 864 | 1705 | 421 | 1285 | 1.97 |
| 3.55 | 864 | 864 | 1728 | 432 | 1296 | 2.00 |
| 3.65 | 863 | 864 | 1727 | 432 | 1296 | 2.00 |
| 3.75 | 862 | 864 | 1726 | 431 | 1295 | 2.00 |
| 3.85 | 885 | 864 | 1749 | 442 | 1306 | 2.02 |
| 3.95 | 884 | 864 | 1748 | 442 | 1306 | 2.02 |
| 4.05 | 906 | 864 | 1770 | 453 | 1317 | 2.05 |
| 4.15 | 905 | 864 | 1769 | 453 | 1317 | 2.05 |
| 4.25 | 904 | 864 | 1768 | 452 | 1316 | 2.05 |
| 4.35 | 926 | 864 | 1790 | 463 | 1327 | 2.07 |
| 4.45 | 925 | 864 | 1789 | 463 | 1327 | 2.07 |
| 4.55 | 924 | 864 | 1788 | 462 | 1326 | 2.07 |
| 4.65 | 946 | 864 | 1810 | 473 | 1337 | 2.10 |
| 4.75 | 946 | 864 | 1810 | 473 | 1337 | 2.09 |
| 4.87 | 967 | 864 | 1831 | 484 | 1348 | 2.12 |
| 4.97 | 966 | 864 | 1830 | 483 | 1347 | 2.12 |
| 5.07 | 988 | 864 | 1852 | 494 | 1358 | 2.14 |
| 5.17 | 987 | 864 | 1851 | 494 | 1358 | 2.14 |
| 5.27 | 986 | 864 | 1850 | 493 | 1357 | 2.14 |
| 5.37 | 985 | 864 | 1849 | 493 | 1357 | 2.14 |
| 5.47 | 984 | 864 | 1848 | 492 | 1356 | 2.14 |
| 5.57 | 1006 | 864 | 1870 | 503 | 1367 | 2.16 |
| 5.67 | 1005 | 864 | 1869 | 502 | 1366 | 2.16 |
| 5.77 | 1004 | 864 | 1868 | 502 | 1366 | 2.16 |
| 5.87 | 1026 | 864 | 1890 | 513 | 1377 | 2.19 |
| 5.97 | 1024 | 864 | 1888 | 512 | 1376 | 2.19 |
| 6.07 | 1023 | 864 | 1887 | 512 | 1376 | 2.18 |
| 6.17 | 1022 | 864 | 1886 | 511 | 1375 | 2.18 |
| 6.27 | 1021 | 864 | 1885 | 511 | 1375 | 2.18 |
| 6.37 | 1043 | 864 | 1907 | 521 | 1385 | 2.21 |
| 6.45 | 1042 | 864 | 1906 | 521 | 1385 | 2.21 |
| 6.57 | 1041 | 864 | 1905 | 520 | 1384 | 2.20 |

Project: **BYU (Dr. Youd)** Phase 1
Number: **M00399-003** Confining Stress = 864 (psf)
Sample: **WLA D2**
Depth: **22.0-24.5**

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| Axial strain, ε (%) | σd (σ1−σ3) (psf) | Total σ3 (psf) | Total σ1 (psf) | Q = su (σ1−σ3)/2 (psf) | P (σ1+σ3)/2 (psf) | σ1/σ3 |
|---|---|---|---|---|---|---|
| 6.65 | 1040 | 864 | 1904 | 520 | 1384 | 2.20 |
| 6.75 | 1039 | 864 | 1903 | 519 | 1383 | 2.20 |
| 6.85 | 1037 | 864 | 1901 | 519 | 1383 | 2.20 |
| 6.95 | 1059 | 864 | 1923 | 529 | 1393 | 2.23 |
| 7.05 | 1058 | 864 | 1922 | 529 | 1393 | 2.22 |
| 7.15 | 1057 | 864 | 1921 | 528 | 1392 | 2.22 |
| 7.25 | 1078 | 864 | 1942 | 539 | 1403 | 2.25 |
| 7.35 | 1077 | 864 | 1941 | 538 | 1402 | 2.25 |
| 7.45 | 1076 | 864 | 1940 | 538 | 1402 | 2.24 |
| 7.55 | 1074 | 864 | 1938 | 537 | 1401 | 2.24 |
| 7.65 | 1096 | 864 | 1960 | 548 | 1412 | 2.27 |
| 7.75 | 1094 | 864 | 1958 | 547 | 1411 | 2.27 |
| 7.85 | 1093 | 864 | 1957 | 547 | 1411 | 2.27 |
| 7.95 | 1092 | 864 | 1956 | 546 | 1410 | 2.26 |
| 8.05 | 1113 | 864 | 1977 | 557 | 1421 | 2.29 |
| 8.15 | 1112 | 864 | 1976 | 556 | 1420 | 2.29 |
| 8.25 | 1111 | 864 | 1975 | 555 | 1419 | 2.29 |
| 8.35 | 1109 | 864 | 1973 | 555 | 1419 | 2.28 |
| 8.45 | 1130 | 864 | 1994 | 565 | 1429 | 2.31 |
| 8.55 | 1129 | 864 | 1993 | 565 | 1429 | 2.31 |
| 8.65 | 1128 | 864 | 1992 | 564 | 1428 | 2.31 |
| 8.77 | 1127 | 864 | 1991 | 563 | 1427 | 2.30 |
| 8.87 | 1147 | 864 | 2011 | 574 | 1438 | 2.33 |
| 8.97 | 1146 | 864 | 2010 | 573 | 1437 | 2.33 |
| 9.05 | 1145 | 864 | 2009 | 573 | 1437 | 2.33 |
| 9.17 | 1166 | 864 | 2030 | 583 | 1447 | 2.35 |
| 9.27 | 1164 | 864 | 2028 | 582 | 1446 | 2.35 |
| 9.35 | 1163 | 864 | 2027 | 582 | 1446 | 2.35 |
| 9.45 | 1162 | 864 | 2026 | 581 | 1445 | 2.34 |
| 9.55 | 1161 | 864 | 2025 | 580 | 1444 | 2.34 |
| 9.65 | 1181 | 864 | 2045 | 591 | 1455 | 2.37 |
| 9.75 | 1180 | 864 | 2044 | 590 | 1454 | 2.37 |
| 9.85 | 1179 | 864 | 2043 | 589 | 1453 | 2.36 |
| 9.93 | 1178 | 864 | 2042 | 589 | 1453 | 2.36 |
| 9.85 | 677 | 864 | 1541 | 338 | 1202 | 1.78 |
| 9.77 | 437 | 864 | 1301 | 218 | 1082 | 1.51 |
| 9.67 | 284 | 864 | 1148 | 142 | 1006 | 1.33 |
| 9.57 | 175 | 864 | 1039 | 88 | 952 | 1.20 |
| 9.47 | 88 | 864 | 952 | 44 | 908 | 1.10 |
| 9.37 | 44 | 864 | 908 | 22 | 886 | 1.05 |
| 9.28 | 0 | 864 | 864 | 0 | 864 | 1.00 |

***Multi-Staged Triaxial Test***
***Unconsolidated Undrained (UU)***

IGES

Project: **BYU (Dr. Youd)** Phase 2
Number: **M00399-003** Confining Stress = 1728 (psf)
Sample: **WLA D2**
Depth: **22.0-24.5**

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| Axial strain, ε (%) | σd (σ1−σ3) (psf) | Total σ3 (psf) | Total σ1 (psf) | Q = su (σ1−σ3)/2 (psf) | P (σ1+σ3)/2 (psf) | σ1/σ3 |
|---|---|---|---|---|---|---|
| 9.28 | 0 | 1728 | 1728 | 0 | 1728 | 1.00 |
| 9.28 | 22 | 1728 | 1750 | 11 | 1739 | 1.01 |
| 9.32 | 154 | 1728 | 1882 | 77 | 1805 | 1.09 |
| 9.43 | 307 | 1728 | 2035 | 154 | 1882 | 1.18 |
| 9.54 | 438 | 1728 | 2166 | 219 | 1947 | 1.25 |
| 9.65 | 569 | 1728 | 2297 | 284 | 2012 | 1.33 |
| 9.76 | 699 | 1728 | 2427 | 350 | 2078 | 1.40 |
| 9.87 | 830 | 1728 | 2558 | 415 | 2143 | 1.48 |
| 9.96 | 916 | 1728 | 2644 | 458 | 2186 | 1.53 |
| 10.07 | 959 | 1728 | 2687 | 479 | 2207 | 1.55 |
| 10.18 | 979 | 1728 | 2707 | 490 | 2218 | 1.57 |
| 10.29 | 1000 | 1728 | 2728 | 500 | 2228 | 1.58 |
| 10.39 | 999 | 1728 | 2727 | 500 | 2228 | 1.58 |
| 10.51 | 1020 | 1728 | 2748 | 510 | 2238 | 1.59 |
| 10.61 | 1019 | 1728 | 2747 | 509 | 2237 | 1.59 |
| 10.72 | 1039 | 1728 | 2767 | 520 | 2248 | 1.60 |
| 10.83 | 1060 | 1728 | 2788 | 530 | 2258 | 1.61 |
| 10.94 | 1058 | 1728 | 2786 | 529 | 2257 | 1.61 |
| 11.05 | 1079 | 1728 | 2807 | 539 | 2267 | 1.62 |
| 11.16 | 1078 | 1728 | 2806 | 539 | 2267 | 1.62 |
| 11.27 | 1076 | 1728 | 2804 | 538 | 2266 | 1.62 |
| 11.38 | 1097 | 1728 | 2825 | 548 | 2276 | 1.63 |
| 11.49 | 1095 | 1728 | 2823 | 548 | 2276 | 1.63 |
| 11.60 | 1116 | 1728 | 2844 | 558 | 2286 | 1.65 |
| 11.71 | 1114 | 1728 | 2842 | 557 | 2285 | 1.64 |
| 11.82 | 1135 | 1728 | 2863 | 567 | 2295 | 1.66 |
| 11.93 | 1133 | 1728 | 2861 | 567 | 2295 | 1.66 |
| 12.04 | 1153 | 1728 | 2881 | 577 | 2305 | 1.67 |
| 12.15 | 1152 | 1728 | 2880 | 576 | 2304 | 1.67 |
| 12.28 | 1151 | 1728 | 2879 | 575 | 2303 | 1.67 |
| 12.37 | 1149 | 1728 | 2877 | 575 | 2303 | 1.67 |
| 12.50 | 1169 | 1728 | 2897 | 585 | 2313 | 1.68 |
| 12.61 | 1168 | 1728 | 2896 | 584 | 2312 | 1.68 |
| 12.72 | 1166 | 1728 | 2894 | 583 | 2311 | 1.68 |
| 12.81 | 1187 | 1728 | 2915 | 593 | 2321 | 1.69 |
| 12.92 | 1185 | 1728 | 2913 | 593 | 2321 | 1.69 |
| 13.03 | 1205 | 1728 | 2933 | 602 | 2330 | 1.70 |
| 13.14 | 1204 | 1728 | 2932 | 602 | 2330 | 1.70 |
| 13.25 | 1202 | 1728 | 2930 | 601 | 2329 | 1.70 |
| 13.36 | 1201 | 1728 | 2929 | 600 | 2328 | 1.69 |
| 13.45 | 1221 | 1728 | 2949 | 610 | 2338 | 1.71 |
| 13.56 | 1219 | 1728 | 2947 | 610 | 2338 | 1.71 |
| 13.67 | 1218 | 1728 | 2946 | 609 | 2337 | 1.70 |
| 13.78 | 1238 | 1728 | 2966 | 619 | 2347 | 1.72 |
| 13.89 | 1236 | 1728 | 2964 | 618 | 2346 | 1.72 |
| 14.00 | 1235 | 1728 | 2963 | 617 | 2345 | 1.71 |
| 14.10 | 1254 | 1728 | 2982 | 627 | 2355 | 1.73 |
| 14.23 | 1253 | 1728 | 2981 | 626 | 2354 | 1.72 |
| 14.34 | 1251 | 1728 | 2979 | 626 | 2354 | 1.72 |
| 14.43 | 1271 | 1728 | 2999 | 635 | 2363 | 1.74 |
| 14.54 | 1269 | 1728 | 2997 | 635 | 2363 | 1.73 |
| 14.65 | 1268 | 1728 | 2996 | 634 | 2362 | 1.73 |
| 14.76 | 1266 | 1728 | 2994 | 633 | 2361 | 1.73 |
| 14.89 | 1285 | 1728 | 3013 | 643 | 2371 | 1.74 |
| 15.00 | 1284 | 1728 | 3012 | 642 | 2370 | 1.74 |
| 15.11 | 1282 | 1728 | 3010 | 641 | 2369 | 1.74 |
| 15.22 | 1302 | 1728 | 3030 | 651 | 2379 | 1.75 |
| 15.33 | 1300 | 1728 | 3028 | 650 | 2378 | 1.75 |
| 15.44 | 1299 | 1728 | 3027 | 649 | 2377 | 1.75 |
| 15.55 | 1318 | 1728 | 3046 | 659 | 2387 | 1.76 |
| 15.66 | 1316 | 1728 | 3044 | 658 | 2386 | 1.76 |
| 15.77 | 1314 | 1728 | 3042 | 657 | 2385 | 1.76 |
| 15.73 | 842 | 1728 | 2570 | 421 | 2149 | 1.49 |
| 15.64 | 535 | 1728 | 2263 | 267 | 1995 | 1.31 |
| 15.51 | 330 | 1728 | 2058 | 165 | 1893 | 1.19 |
| 15.40 | 206 | 1728 | 1934 | 103 | 1831 | 1.12 |
| 15.31 | 103 | 1728 | 1831 | 52 | 1780 | 1.06 |

Project: **BYU (Dr. Youd)** Phase 2
Number: **M00399-003** Confining Stress = 1728 (psf)
Sample: **WLA D2**
Depth: **22.0-24.5**

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| Axial strain, ε (%) | σd (σ1−σ3) (psf) | Total σ3 (psf) | Total σ1 (psf) | Q = su (σ1−σ3)/2 (psf) | P (σ1+σ3)/2 (psf) | σ1/σ3 |
|---|---|---|---|---|---|---|
| 15.18 | 41 | 1728 | 1769 | 21 | 1749 | 1.02 |
| 15.09 | 0 | 1728 | 1728 | 0 | 1728 | 1.00 |
| 14.96 | -41 | 1728 | 1687 | -21 | 1707 | 0.98 |
| 14.85 | -83 | 1728 | 1645 | -41 | 1687 | 0.95 |
| 14.79 | -62 | 1728 | 1666 | -31 | 1697 | 0.96 |

***Multi-Staged Triaxial Test***
***Unconsolidated Undrained (UU)***

Project: **BYU (Dr. Youd)** Phase 3
Number: **M00399-003** Confining Stress = 3456 (psf)
Sample: **WLA D2**
Depth: **22.0-24.5**

F:\PROJECTS_2004\M-00399_BYU\003_youd_WLA\[UU_3pts_humbolt_WLAD2at22-24.5.xls]P3

| Axial strain, ε (%) | σd (σ1−σ3) (psf) | Total σ3 (psf) | Total σ1 (psf) | Q = su (σ1−σ3)/2 (psf) | P (σ1+σ3)/2 (psf) | σ1/σ3 |
|---|---|---|---|---|---|---|
| 14.79 | 0 | 3456 | 3456 | 0 | 3456 | 1.00 |
| 14.92 | 187 | 3456 | 3643 | 93 | 3549 | 1.05 |
| 15.05 | 310 | 3456 | 3766 | 155 | 3611 | 1.09 |
| 15.18 | 413 | 3456 | 3869 | 207 | 3663 | 1.12 |
| 15.31 | 516 | 3456 | 3972 | 258 | 3714 | 1.15 |
| 15.44 | 660 | 3456 | 4116 | 330 | 3786 | 1.19 |
| 15.57 | 762 | 3456 | 4218 | 381 | 3837 | 1.22 |
| 15.70 | 884 | 3456 | 4340 | 442 | 3898 | 1.26 |
| 15.83 | 986 | 3456 | 4442 | 493 | 3949 | 1.29 |
| 15.98 | 1046 | 3456 | 4502 | 523 | 3979 | 1.30 |
| 16.11 | 1085 | 3456 | 4541 | 543 | 3999 | 1.31 |
| 16.24 | 1104 | 3456 | 4560 | 552 | 4008 | 1.32 |
| 16.37 | 1123 | 3456 | 4579 | 562 | 4018 | 1.33 |
| 16.52 | 1142 | 3456 | 4598 | 571 | 4027 | 1.33 |
| 16.65 | 1161 | 3456 | 4617 | 580 | 4036 | 1.34 |
| 16.78 | 1159 | 3456 | 4615 | 580 | 4036 | 1.34 |
| 16.91 | 1178 | 3456 | 4634 | 589 | 4045 | 1.34 |
| 17.04 | 1177 | 3456 | 4633 | 588 | 4044 | 1.34 |
| 17.17 | 1195 | 3456 | 4651 | 598 | 4054 | 1.35 |
| 17.32 | 1214 | 3456 | 4670 | 607 | 4063 | 1.35 |
| 17.43 | 1212 | 3456 | 4668 | 606 | 4062 | 1.35 |
| 17.55 | 1211 | 3456 | 4667 | 605 | 4061 | 1.35 |
| 17.68 | 1229 | 3456 | 4685 | 615 | 4071 | 1.36 |
| 17.79 | 1248 | 3456 | 4704 | 624 | 4080 | 1.36 |
| 17.94 | 1246 | 3456 | 4702 | 623 | 4079 | 1.36 |
| 18.05 | 1245 | 3456 | 4701 | 622 | 4078 | 1.36 |
| 18.18 | 1263 | 3456 | 4719 | 632 | 4088 | 1.37 |
| 18.29 | 1262 | 3456 | 4718 | 631 | 4087 | 1.37 |
| 18.42 | 1280 | 3456 | 4736 | 640 | 4096 | 1.37 |
| 18.55 | 1278 | 3456 | 4734 | 639 | 4095 | 1.37 |
| 18.65 | 1277 | 3456 | 4733 | 638 | 4094 | 1.37 |
| 18.81 | 1295 | 3456 | 4751 | 647 | 4103 | 1.37 |
| 18.93 | 1293 | 3456 | 4749 | 647 | 4103 | 1.37 |
| 19.04 | 1312 | 3456 | 4768 | 656 | 4112 | 1.38 |
| 19.17 | 1310 | 3456 | 4766 | 655 | 4111 | 1.38 |
| 19.30 | 1308 | 3456 | 4764 | 654 | 4110 | 1.38 |
| 19.43 | 1326 | 3456 | 4782 | 663 | 4119 | 1.38 |
| 19.58 | 1324 | 3456 | 4780 | 662 | 4118 | 1.38 |
| 19.71 | 1322 | 3456 | 4778 | 661 | 4117 | 1.38 |
| 19.84 | 1320 | 3456 | 4776 | 660 | 4116 | 1.38 |
| 19.95 | 1279 | 3456 | 4735 | 640 | 4096 | 1.37 |
| 19.84 | 749 | 3456 | 4205 | 374 | 3830 | 1.22 |
| 19.73 | 473 | 3456 | 3929 | 237 | 3693 | 1.14 |
| 19.58 | 296 | 3456 | 3752 | 148 | 3604 | 1.09 |
| 19.45 | 178 | 3456 | 3634 | 89 | 3545 | 1.05 |
| 19.32 | 79 | 3456 | 3535 | 40 | 3496 | 1.02 |
| 19.19 | 20 | 3456 | 3476 | 10 | 3466 | 1.01 |