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| DOTLOGO2 |  **IBR Worksheet** |
|  |
| Test ID No. |       |  Date |       |
|  |
| Cylinder No. |       |       |       |       |
| Standard Dry Density (pcf) |       |       |       |       |
| Optimum Moisture |       |       |       |       |
| Mold Factor @ 4.50” Sample Height |       |       |       |       |
| Calculated Dry Soil in Cylinder |       |       |       |       |
| Calculated Wet Soil in Cylinder |       |       |       |       |
| Cylinder wt. w/ Solid Plate |       |       |       |       |
| Cylinder wt. w/ Solid Plate & Wet Soil |       |       |       |       |
| Cylinder wt. w/ Solid Plate & Compacted Soil |       |       |       |       |
| Water Loss due to leakage and/or pooling (cc) |       |       |       |       |
| Cylinder wt. w/ Perf. Plate |       |       |       |       |
| Cylinder wt. w/ Perf. Plate & Compctd. Soil (calc.) |       |       |       |       |
| Cylinder wt. w/ Perf. Plate & Compctd. Soil (actual) |       |       |       |       |
| Material Loss due to Plate Transfer |       |       |       |       |
| Cylinder wt. w/ Perf. Plate & Soaked Soil |       |       |       |       |
| Distance from Top of Cylinder to Sample |       |       |       |       |
| Initial Dial Reading |       |       |       |       |
| Final Dial Reading |       |       |       |       |
| Percent Swell |       |       |       |       |
| Applied Load @ | Load (lbs) | IBR | Load (lbs) | IBR | Load (lbs) | IBR | Load (lbs) | IBR |
|  0.025” Penetration |       |       |       |       |       |       |       |       |
|  0.050” Penetration |       |       |       |       |       |       |       |       |
|  0.075” Penetration |       |       |       |       |       |       |       |       |
|  0.100” Penetration |       |       |       |       |       |       |       |       |
|  0.150” Penetration |       |       |       |       |       |       |       |       |
|  0.200” Penetration |       |       |       |       |       |       |       |       |
|  0.250” Penetration |       |       |       |       |       |       |       |       |
|  0.300” Penetration |       |       |       |       |       |       |       |       |
|  0.350” Penetration |       |       |       |       |       |       |       |       |
|  0.400” Penetration |       |       |       |       |       |       |       |       |
|  0.450” Penetration |       |       |       |       |       |       |       |       |
|  0.500” Penetration |       |       |       |       |       |       |       |       |
| Compacted / Molded Moisture Wet + Tare |       |       |       |       |
|  Dry + Tare |       |       |       |       |
|  Tare |       |       |       |       |
|  Moisture % |       |       |       |       |
| Dry wt. of Compacted Sample |       |       |       |       |
| Molded wt. (reflects water loss) |       |       |       |       |
| Soaked wt. |       |       |       |       |
| Dry Density of Compacted Sample (pcf) |       |       |       |       |
| Molded Density (pcf …reflects water loss) |       |       |       |       |
| Molded Moisture % (reflects water loss) |       |       |       |       |
| Soaked Density (pcf) |       |       |       |       |
| Soaked Moisture % |       |       |       |       |
| Top 1” Moisture Wet + Tare |       |       |       |       |
|  Dry + Tare |       |       |       |       |
|  Tare |       |       |       |       |
|  Moisture % |       |       |       |       |