

FWD RODEO
2/17/2010

CBR TESTS ON FIRST LIFT OF DUPONT CLAY

| Station | Offset, feet | CBR Value, % | | | | | | Mean | Moisture Content, % |
|--------------------|--------------|--------------|--------|--------|--------|--------|--------|------------------|---------------------|
| | | Test-1 | Test-2 | Test-3 | Test-4 | Test-5 | Test-6 | | |
| 840 | 22 | 5.2 | 6.2 | 4.7 | - | - | - | 5.37 | 30.91 |
| 900 | 22 | 5.7 | 5.6 | 4.7 | - | - | - | 5.33 | 32.15 |
| Minimum: | 4.7 | | | | | | | Mean | 5.35 |
| Maximum: | 6.2 | | | | | | | Std. Dev. | 0.02 |
| Difference: | 1.5 | | | | | | | COV, % | 0.44 |

FWD RODEO
2/23/2010

CBR TESTS ON SECOND LIFT OF DUPONT CLAY

| Station | Offset, feet | CBR Value, % | | | | | | Mean | Moisture Content, % |
|--------------------|--------------|--------------|--------|--------|--------|--------|--------|------------------|---------------------|
| | | Test-1 | Test-2 | Test-3 | Test-4 | Test-5 | Test-6 | | |
| 855 | 22 | 5.2 | 5.1 | 4.9 | - | - | - | 5.07 | 31.69 |
| 895 | 22 | 5.8 | 4.7 | 5.0 | - | - | - | 5.17 | 32.10 |
| Minimum: | 4.7 | | | | | | | Mean | 5.12 |
| Maximum: | 5.8 | | | | | | | Std. Dev. | 0.07 |
| Difference: | 1.1 | | | | | | | COV, % | 1.38 |

DRIVE CYLINDER TESTS ON SECOND LIFT OF DUPONT CLAY

| Station | Weight of Empty Cylinder, gms | Weight of Cylinder + Wet Soil, gms | Volume of Cylinder, cu.ft | Moisture Content, % | In-Situ Wet Density, pcf | In-Situ Dry Density, pcf |
|---------|-------------------------------|------------------------------------|---------------------------|---------------------|--------------------------|--------------------------|
| 840 | 695.60 | 2454.3 | 0.03333 | 33.53 | 116.33 | 87.12 |
| 855 | 694.50 | 2422.2 | 0.03333 | 33.59 | 114.28 | 85.54 |
| 895 | 600.30 | 2357.2 | 0.03333 | 33.51 | 116.21 | 87.04 |

FWD RODEO
3/10/2010

CBR TESTS ON THIRD LIFT OF DUPONT CLAY

| Station | Offset, feet | CBR Value, % | | | | | | Mean | Moisture Content, % |
|--------------------|--------------|--------------|--------|--------|--------|--------|--------|------------------|---------------------|
| | | Test-1 | Test-2 | Test-3 | Test-4 | Test-5 | Test-6 | | |
| 850 | 22 | 5.5 | 5 | 4.6 | 6.3 | - | - | 5.35 | 31.01 |
| 895 | 22 | 5.3 | 4.9 | 3.5 | 7.9 | - | - | 5.40 | 33.56 |
| Minimum: | 3.5 | | | | | | | Mean | 5.38 |
| Maximum: | 7.9 | | | | | | | Std. Dev. | 0.04 |
| Difference: | 4.4 | | | | | | | COV, % | 0.66 |

DRIVE CYLINDER TESTS ON THIRD LIFT OF DUPONT CLAY

| Station | Weight of Empty Cylinder, gms | Weight of Cylinder + Wet Soil, gms | Volume of Cylinder, cu.ft | Moisture Content, % | In-Situ Wet Density, pcf | In-Situ Dry Density, pcf |
|---------|-------------------------------|------------------------------------|---------------------------|---------------------|--------------------------|--------------------------|
| 840 | 694.90 | 2480.8 | 0.03333 | 31.84 | 118.13 | 89.60 |
| 850 | 693.50 | 2467.2 | 0.03333 | 31.05 | 117.32 | 89.52 |
| 895 | 600.00 | 2364.8 | 0.03333 | 31.75 | 116.73 | 88.60 |

FWD RODEO
3/17/2010

CBR TESTS ON FOURTH LIFT OF DUPONT CLAY

| Station | Offset, feet | CBR Value, % | | | | | | Mean | Moisture Content, % |
|--------------------|--------------|--------------|--------|--------|--------|--------|--------|------------------|---------------------|
| | | Test-1 | Test-2 | Test-3 | Test-4 | Test-5 | Test-6 | | |
| 855 | 22 | 7.0 | 6.0 | 6.2 | - | - | - | 6.40 | 30.65 |
| 895 | 22 | 4.8 | 6.4 | 5.7 | - | - | - | 5.63 | 30.54 |
| Minimum: | 4.8 | | | | | | | Mean | 6.02 |
| Maximum: | 7.0 | | | | | | | Std. Dev. | 0.54 |
| Difference: | 2.2 | | | | | | | COV, % | 9.01 |

DRIVE CYLINDER TESTS ON FOURTH LIFT OF DUPONT CLAY

| Station | Weight of Empty Cylinder, gms | Weight of Cylinder + Wet Soil, gms | Volume of Cylinder, cu.ft | Moisture Content, % | In-Situ Wet Density, pcf | In-Situ Dry Density, pcf |
|---------|-------------------------------|------------------------------------|---------------------------|---------------------|--------------------------|--------------------------|
| 840 | 694.50 | 2427.4 | 0.03333 | 29.54 | 114.62 | 88.48 |
| 850 | 600.20 | 2367.9 | 0.03333 | 29.41 | 116.92 | 90.35 |
| 895 | 693.40 | 2458.8 | 0.03333 | 31.07 | 116.77 | 89.09 |

FWD RODEO
3/22/2010

CBR TESTS ON FIFTH LIFT OF DUPONT CLAY

| Station | Offset, feet | CBR Value, % | | | | | | Mean | Moisture Content, % |
|--------------------|--------------|--------------|--------|--------|--------|--------|--------|------------------|---------------------|
| | | Test-1 | Test-2 | Test-3 | Test-4 | Test-5 | Test-6 | | |
| 840 | 22 | 6.0 | 5.6 | 6.8 | - | - | - | 6.13 | 32.74 |
| 900 | 22 | 5.6 | 5.6 | 4.6 | - | - | - | 5.27 | 33.80 |
| Minimum: | 4.6 | | | | | | | Mean | 5.70 |
| Maximum: | 6.8 | | | | | | | Std. Dev. | 0.61 |
| Difference: | 2.2 | | | | | | | COV, % | 10.75 |

DRIVE CYLINDER TESTS ON FIFTH LIFT OF DUPONT CLAY

| Station | Weight of Empty Cylinder, gms | Weight of Cylinder + Wet Soil, gms | Volume of Cylinder, cu.ft | Moisture Content, % | In-Situ Wet Density, pcf | In-Situ Dry Density, pcf |
|---------|-------------------------------|------------------------------------|---------------------------|---------------------|--------------------------|--------------------------|
| 840 | 600.20 | 2346.6 | 0.03333 | 32.38 | 115.51 | 87.26 |
| 850 | 693.60 | 2434.5 | 0.03333 | 32.91 | 115.15 | 86.64 |
| 895 | 695.80 | 2448.1 | 0.03333 | 33.89 | 115.91 | 86.57 |

FWD RODEO
4/5/2010

CBR TESTS ON SIXTH LIFT OF DUPONT CLAY

| Station | Offset, feet | CBR Value, % | | | | | | Mean | Moisture Content, % |
|--------------------|--------------|--------------|--------|--------|--------|--------|--------|------------------|---------------------|
| | | Test-1 | Test-2 | Test-3 | Test-4 | Test-5 | Test-6 | | |
| 840 | 22 | 6.6 | 6.7 | 6.8 | - | - | - | 6.70 | 32.01 |
| 900 | 22 | 6.5 | 6.4 | 6.6 | 7.4 | - | - | 6.73 | 34.10 |
| Minimum: | 6.4 | | | | | | | Mean | 6.71 |
| Maximum: | 7.4 | | | | | | | Std. Dev. | 0.02 |
| Difference: | 1 | | | | | | | COV, % | 0.26 |

DRIVE CYLINDER TESTS ON SIXTH LIFT OF DUPONT CLAY

| Station | Weight of Empty Cylinder, gms | Weight of Cylinder + Wet Soil, gms | Volume of Cylinder, cu.ft | Moisture Content, % | In-Situ Wet Density, pcf | In-Situ Dry Density, pcf |
|---------|-------------------------------|------------------------------------|---------------------------|---------------------|--------------------------|--------------------------|
| 825 | 694.5 | 2467.5 | 0.03333 | 32.86 | 117.27 | 88.27 |
| 865 | 600.1 | 2322.0 | 0.03333 | 33.80 | 113.89 | 85.12 |
| 885 | 693.1 | 2422.8 | 0.03333 | 34.06 | 114.41 | 85.34 |

FWD RODEO

4/9/2010

CBR TESTS ON SEVENTH LIFT OF DUPONT CLAY

| Station | Offset, feet | CBR Value, % | | | | | | Mean | Moisture Content, % |
|--------------------|--------------|--------------|--------|--------|--------|--------|--------|------------------|---------------------|
| | | Test-1 | Test-2 | Test-3 | Test-4 | Test-5 | Test-6 | | |
| 840 | 22 | 5.2 | 5.2 | 5.2 | - | - | - | 5.20 | 32.63 |
| 900 | 22 | 5.4 | 5.8 | 5.0 | - | - | - | 5.40 | 31.88 |
| <i>Minimum:</i> | 5 | | | | | | | <i>Mean</i> | <i>5.30</i> |
| <i>Maximum:</i> | 5.8 | | | | | | | <i>Std. Dev.</i> | <i>0.14</i> |
| <i>Difference:</i> | 0.8 | | | | | | | <i>COV, %</i> | <i>2.67</i> |

FWD RODEO

5/14/2010

CBR TESTS ON TOP OF SUBGRADE - FLEXIBLE SIDE

| Station | Offset, feet | CBR Value, % | | | | | | Mean | Moisture Content, % |
|--------------------|--------------|--------------|--------|--------|--------|--------|--------|------------------|---------------------|
| | | Test-1 | Test-2 | Test-3 | Test-4 | Test-5 | Test-6 | | |
| 885 | 22 | 8.3 | 8.6 | 8.8 | - | - | - | 8.57 | 28.95 |
| 905 | 22 | 7.6 | 6.7 | 7.5 | - | - | - | 7.27 | 30.26 |
| <i>Minimum:</i> | 6.7 | | | | | | | <i>Mean</i> | <i>7.92</i> |
| <i>Maximum:</i> | 8.8 | | | | | | | <i>Std. Dev.</i> | <i>0.92</i> |
| <i>Difference:</i> | 2.1 | | | | | | | <i>COV, %</i> | <i>11.61</i> |