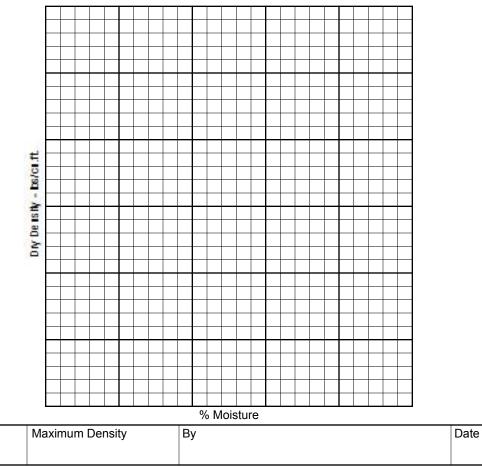
## Washington State Department of Transportation

## **Moisture - Density Relationship Report**

| Field Sample Number     |      |         |      | Lab Number |  |  |           |             | Control Number |             |  |                  | F | Federal Aid Number |                    |  |  |
|-------------------------|------|---------|------|------------|--|--|-----------|-------------|----------------|-------------|--|------------------|---|--------------------|--------------------|--|--|
| SR Numb                 | ber  | Section |      |            |  |  | Source of | als Type of |                | of Material |  |                  |   |                    |                    |  |  |
| Percent Passing No. 4 D |      |         | Date | Date Taken |  |  | Date      | e Tested    | Station        |             |  | Reference to C/L |   | L                  | Reference to Grade |  |  |
| Can Number              |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Specimen Wt. + Cyl.     |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Cylinder Wt.            |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Specimen Wt. (Grams)    |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Specimen Wt. (lbs)      |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Volume of Cylinder      |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Wet Density             |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Wet Sample + Can        |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Dry Sample + Can        |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Weight of Moisture      |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Weight of Can           |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Weight of Dry Soil      |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| % Moisture              |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Dry Density             |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Speedy                  | Gaug | е       |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Grams                   | % Mo | oisture |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |
| Speedy Dry Density      |      |         |      |            |  |  |           |             |                |             |  |                  |   |                    |                    |  |  |

**NOTE:** Oven Dry & Speedy to be used for correlation on typical materials.



Optimum Moisture