**ONE-POINT MICHIGAN CONE TEST**

**CHART FOR OBTAINING MAXIMUM DENSITY FOR GRANULAR SOILS**

**Procedure:**
Compact field sample by the Michigan Cone Method and obtain wet density and moisture content of this single sample. Enter chart with these values such as 7.3% moisture content and 122.5pcf wet density and establish point A (steps 1 and 2). From point A proceed upward between radial lines to the intersection with the boundary curve at point B (step 3). This point gives the maximum dry density (115.2pcf, in this example). Obtain optimum moisture by proceeding vertically downward from point B to the intersection with the percent moisture abscissa at point C (step 4) (13.4% in this example).

Note: Best results are obtained from this chart when moisture content of compacted sample is such that point A will be close to the curve M-N.