

CALIFORNIA BEARING RATIO

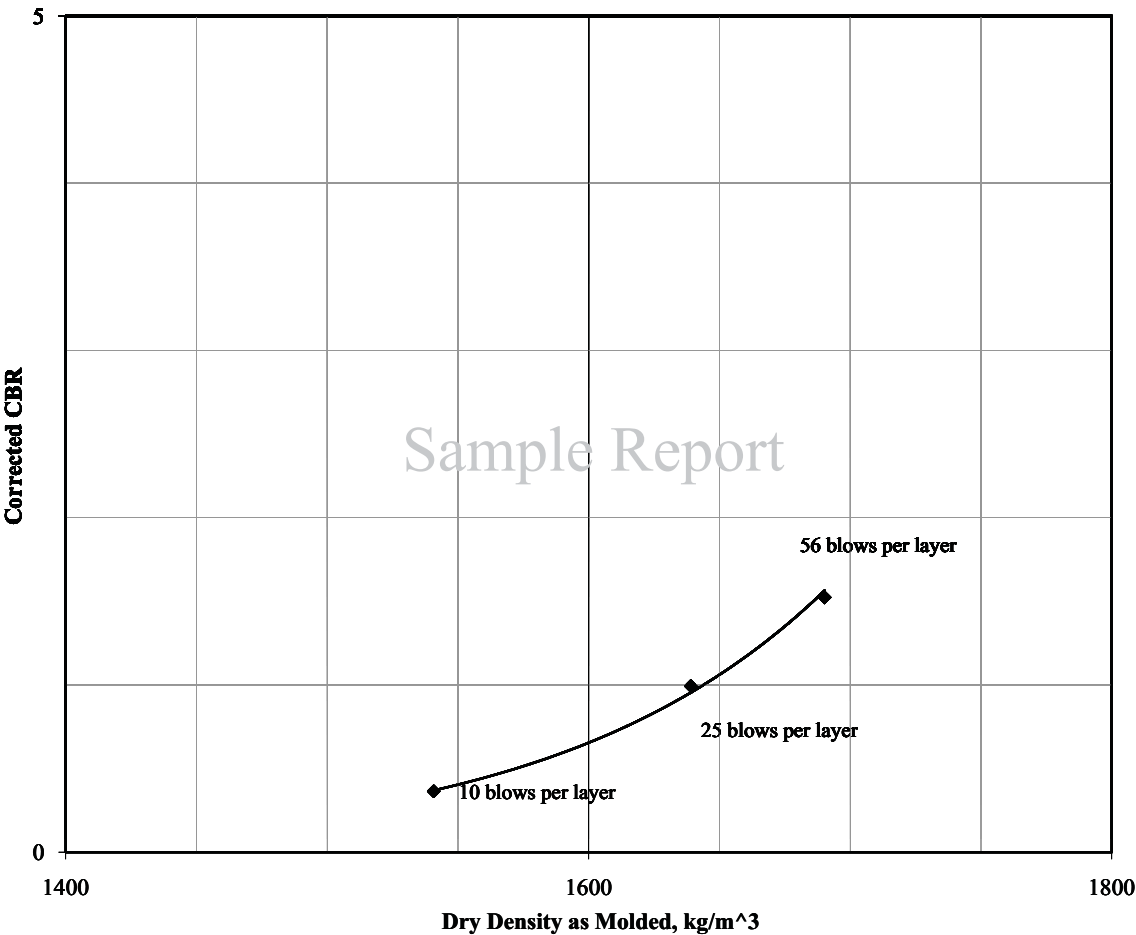
ASTM D 1883-05 (One Water Content only)

TP-1
Brown Lean Clay (CL)
Surcharge Amount: 4.54 Kg.

95% Optimum Moisture Content

	10 Blows	25 Blows	56 Blows
Dry density before soak, kg/m^3	1,541	1,639	1,690
Dry density after soak, kg/m^3	1,554	1,649	1,698
Moisture content before soak, %	19.5	19.8	19.8
Moisture content after soak, avg., %	27.4	25.3	23.7
Moisture content after soak, top 1", %	29.5	27.1	25.1
% Swell after 96 hour soak	-0.83	-0.61	-0.48
Bearing Ratio, 0.100" penetration	0.4	1.0	1.5

Dry Density vs CBR



Stress vs. Penetration @ 95% Optimum Moisture Content

