The pile bearing chart is based on the FHWA Gates Formula for pile bearing and is provided for the user's convenience only. Pile Bearing (metric tons) = \(((1.75 \times \sqrt{E} \times \log_{10}10N) - 100) / 2000\) * 0.00045359237

\[ E = \text{Developed Energy and } N = \text{Number of Blows Per Inch} \]

APE has no preference for these particular formulas and calculations over any other.