The pile bearing chart is based on the identical Piston/Travel calculations utilized in the FHWA Gates Formula. 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) = \( \frac{((1.75 \times \sqrt{E}) \times \log_{10}(10N) - 100)}{2000} \times 0.00045359237 \)

\( E = \text{Developed Energy} \) and \( N = \text{Number of Blows Per Inch} \)

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