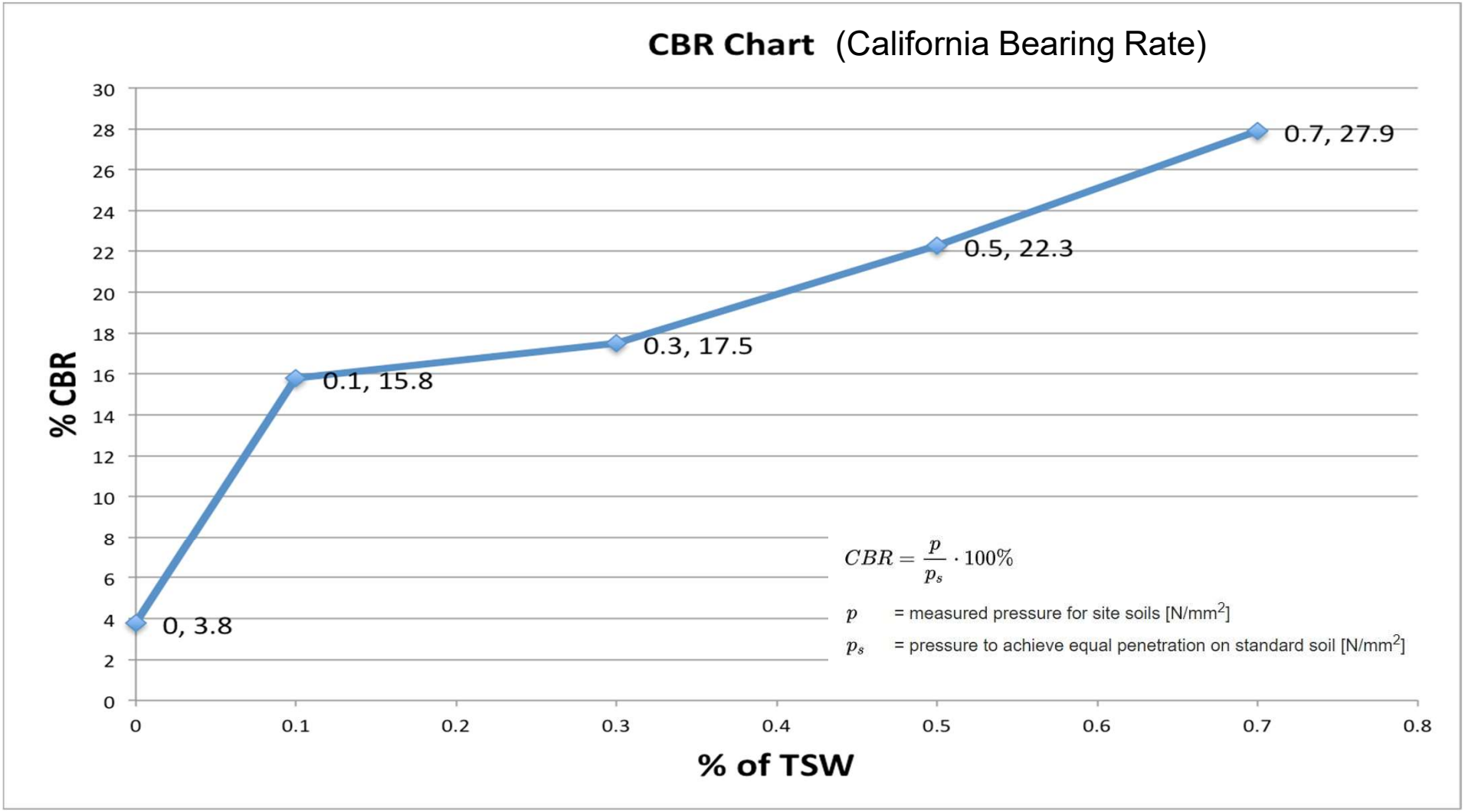
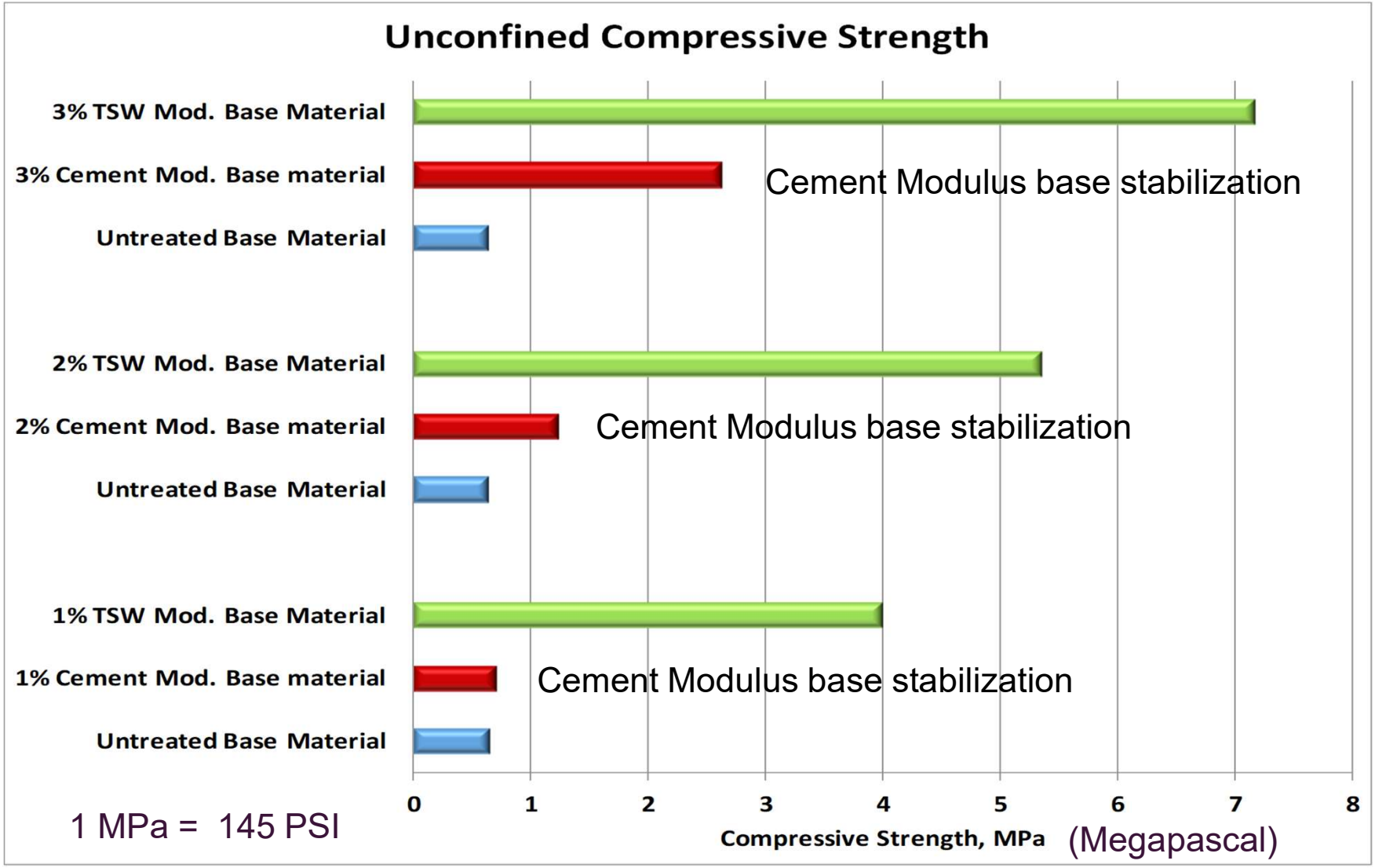
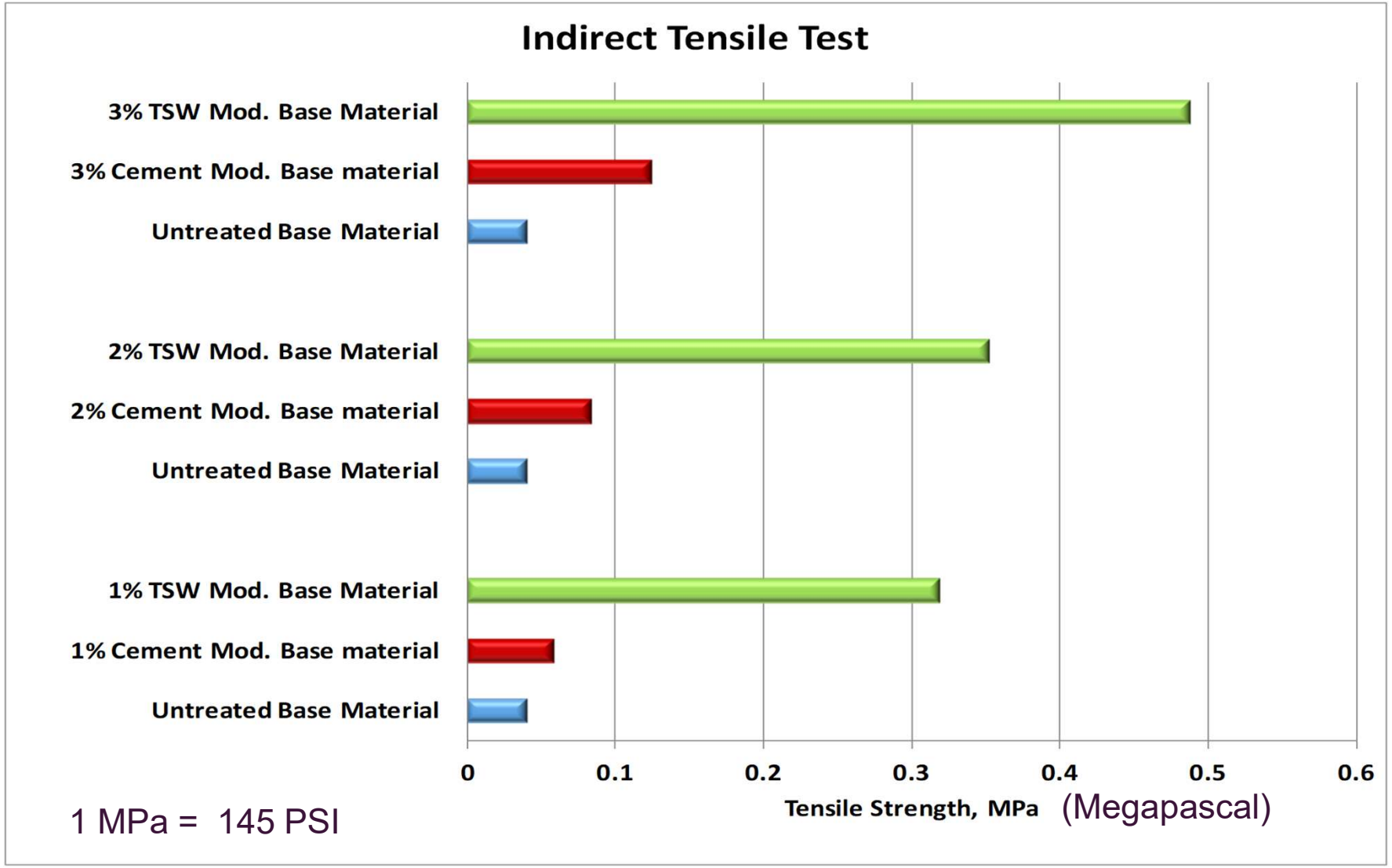
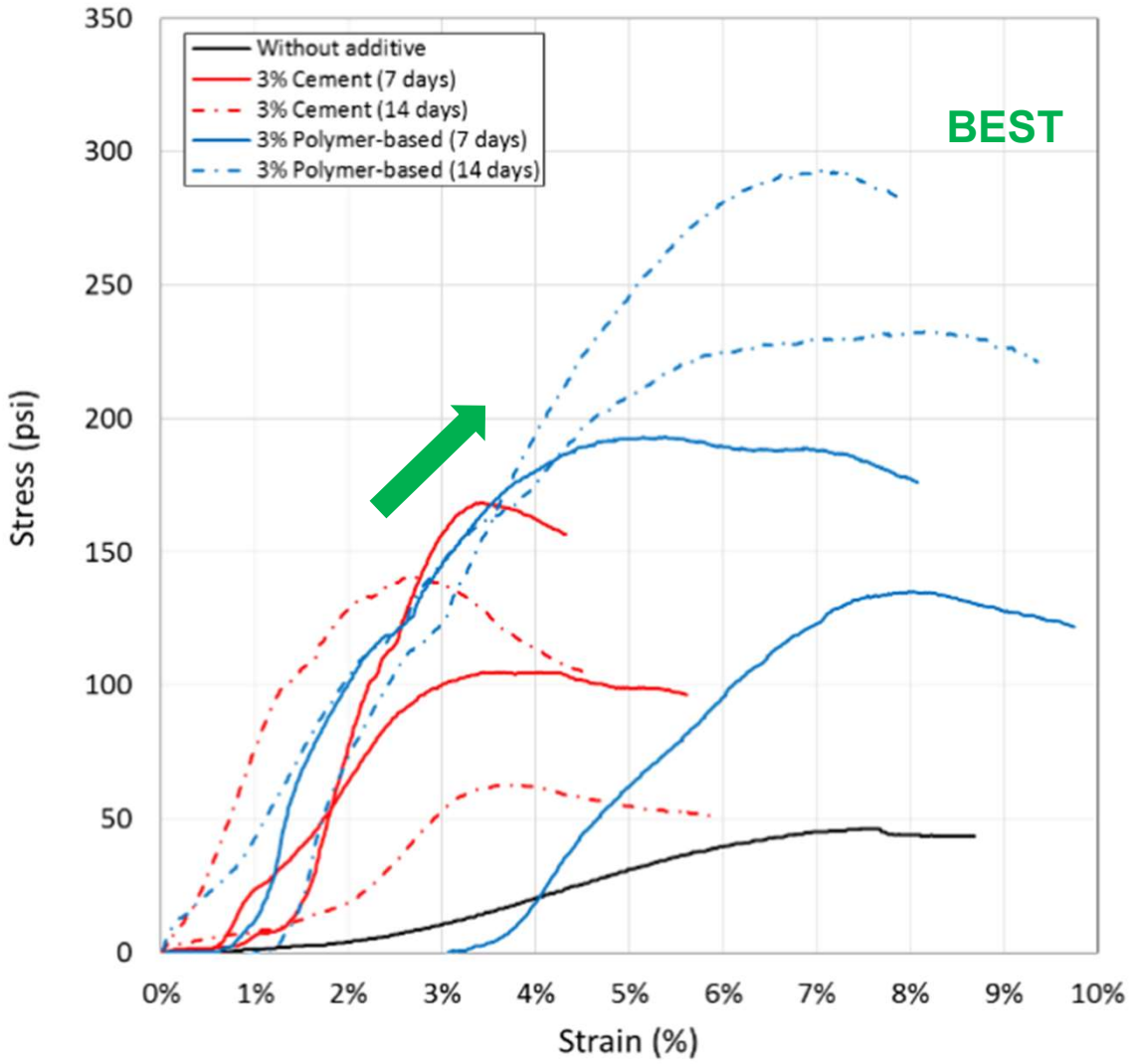






1 MPa = 145 PSI



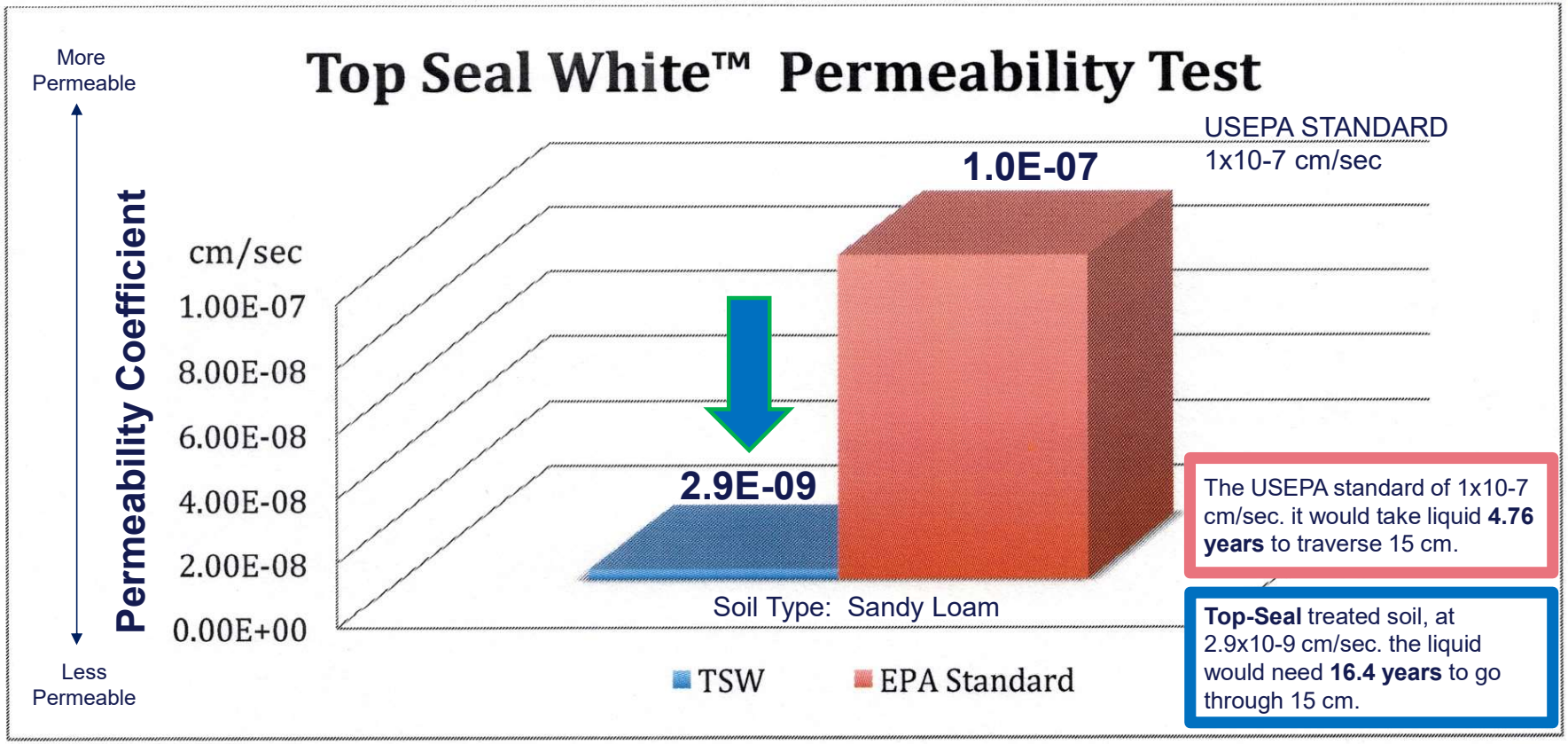
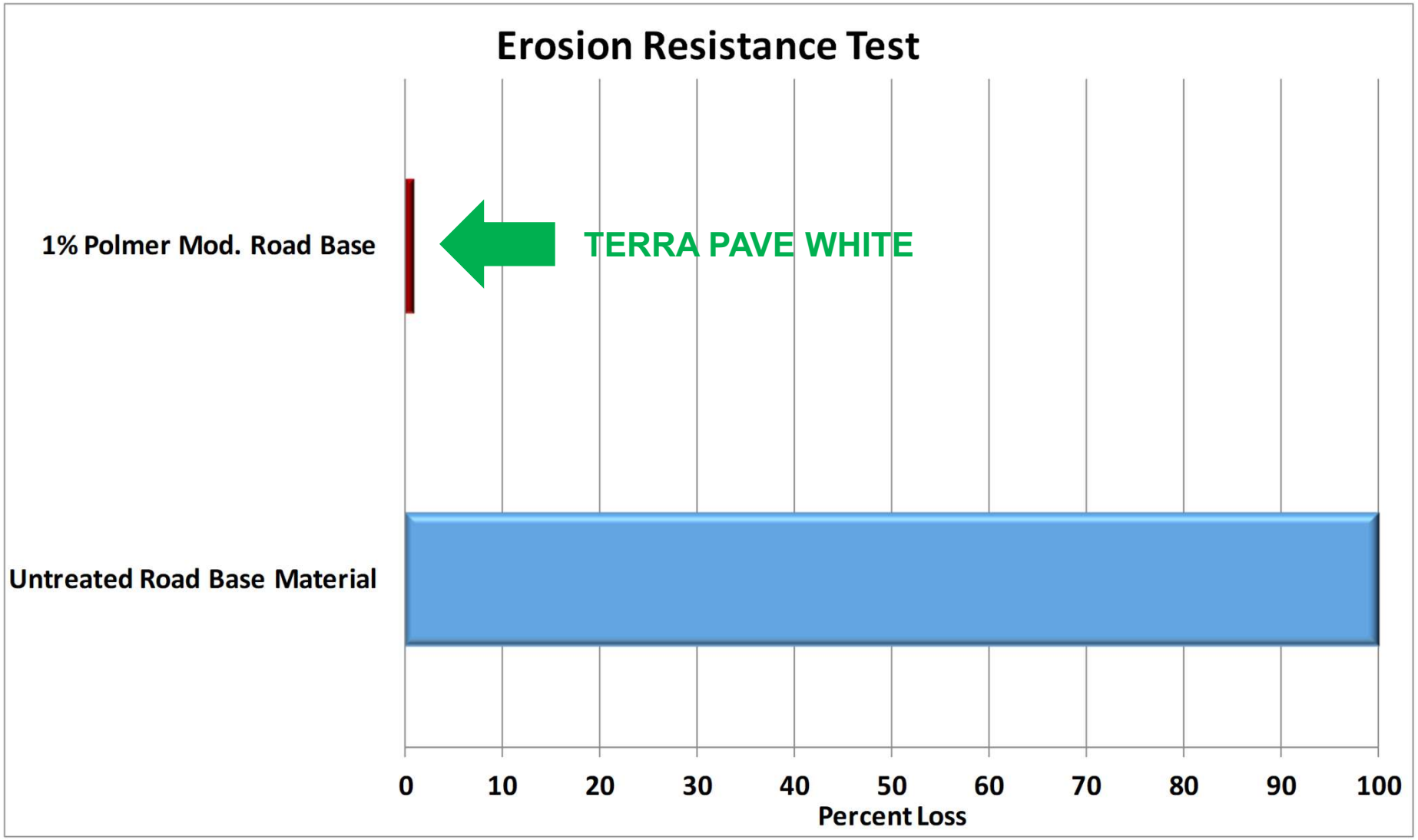


Figure 1: TSW vs. US EPA Standards



BASE STABILIZATION

- Vastly superior road base stability.
- A tremendous increase in strength and a significant reduction of permeability.
- Life expectancy of paved and unpaved roads will be significantly extended. 2x-4x times

TOP-SEAL WHITE

Summary of Laboratory Testing

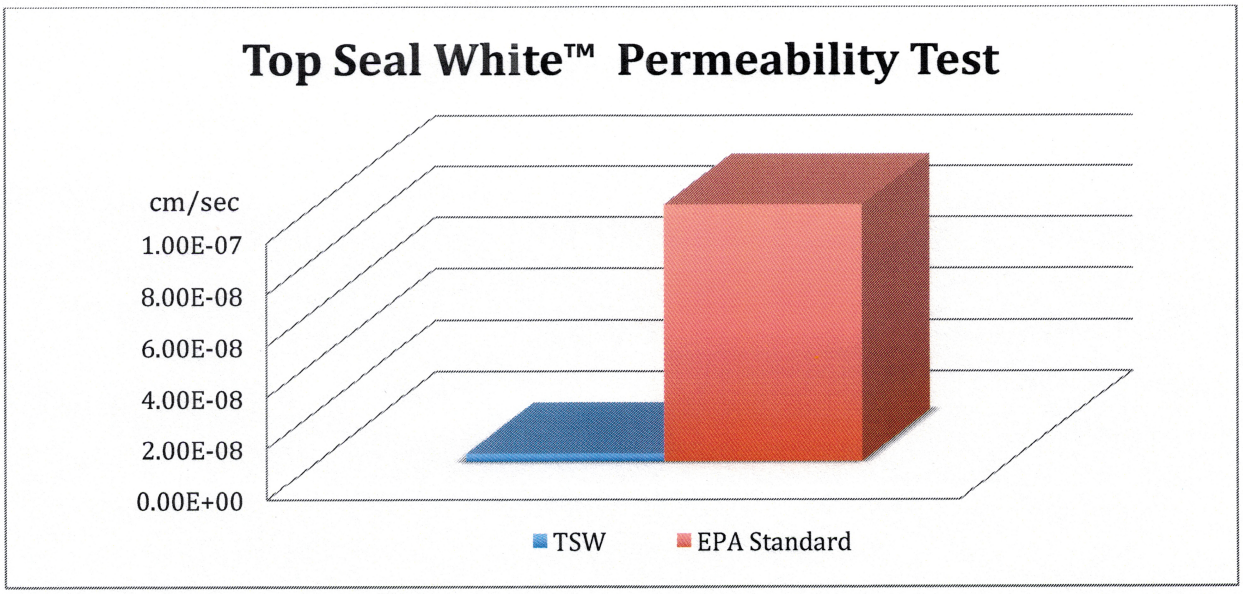
Top Seal White Stabilization

Permeability and Strength Tests

Test Date: 12 June 2014

RESULTS: The treatment with TSW shows an increase of approximately 1,180 percent in strength, while shows a reduction in permeability that exceeds U.S. EPA standards many times over. Laboratory testing with Top Seal White requires special modifications.

The comparison between the U.S. EPA permeability coefficient of 1x10-7 cm/sec for landfills and the laboratory-confirmed permeability coefficient for Top Seal White of 2.9x10-9 cm/sec.



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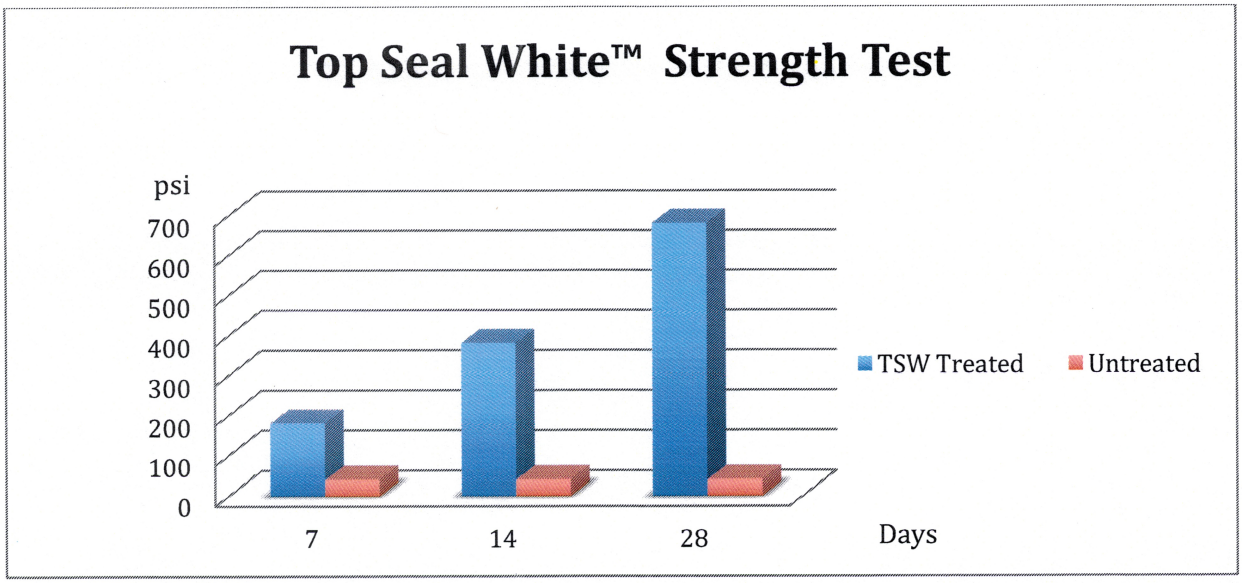

Figure 2: TSW vs. Untreated Soil Strength Test

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