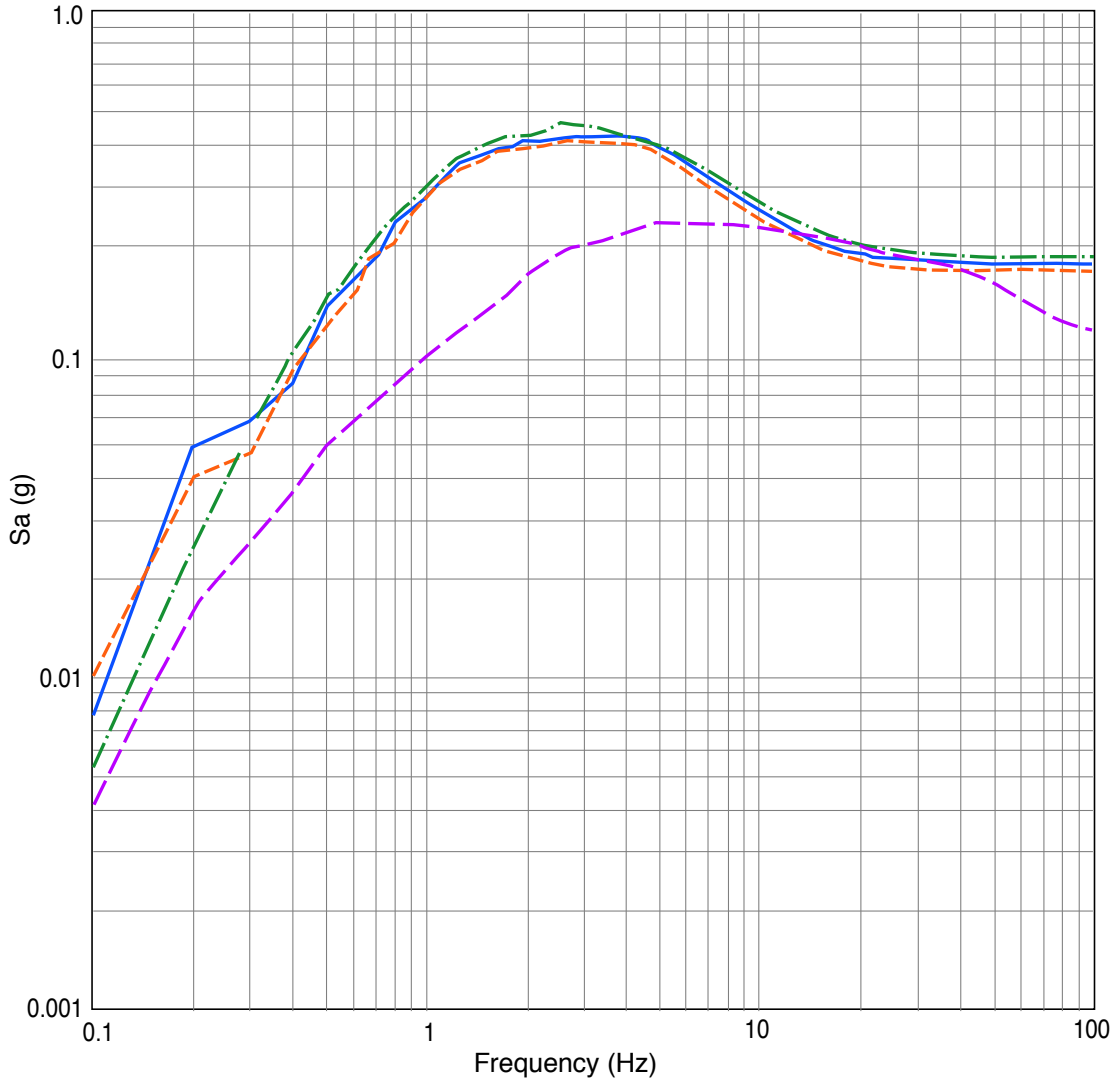
## Grand Gulf 10 - 5 Spectra 1 - 2 Hz, Horizontal Top of Loess, Deep Profile Comparison




**Explanation**

- 50th percentile, profile P1 (slow); PGA = 0.165 g
- 50th percentile, base case profile; PGA = 0.174 g
- 50th percentile, profile P2 (fast); PGA = 0.183 g
- 5 percent, 1 to 2 Hz scaled hard rock spectral; PGA = 0.113 g

Note: Hard rock control motions are the 1 to 2 Hz scaled spectrum; logarithmic spectral axis.

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MEDIAN SPECTRA (5% DAMPING) COMPUTED FOR THE BASE-CASE, "FAST" AND "SLOW" PROFILES (FIGURE 2.5.4-4-1)

RAI FIGURE 2.5.4-4-2

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