



Figure 3. Geometric mean velocity profiles for the suprabasalt sediments ((A) Hanford Formation - H2 & H3 units, Cold Creek Unit – CCU, and Ringold Formation – Unit A of the Wooded Island Member), Columbia River basalt ((B) Elephant Mountain, Pomona, Esquatzel, Umatilla, and Priest Rapids Members), and Ellensburg Formation ((B) Rattlesnake Ridge interbed, Selah, interbed, Cold Creek interbed, and Mabton interbed). Although the Ringold Formation is part of the suprabasalt sediment package that overlies the Columbia River basalt, its shear wave velocity profile is more similar to the underlying Columbia River basalt units than the Cold Creek Unit and Hanford Formation. Figures 1A and 1B reproduced from Youngs (2007, Figures 3 and 4).