**Supplemental Figure Captions**

**Supplemental Figure 1.** The Padilla Well Great House landscape, with prehistoric roads connecting two Great Houses with a Great Kiva, and roads linking a non-contemporaneous Great Kiva and Great House (modified by Richard Friedman after Friedman, Ford, and Stein [1999]).

**Supplemental Figure 2.** Map showing prehistoric roads documented at Two Grey Hills, a Basketmaker III site (modified by Richard Friedman after Ruppe' et al. [2001])