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## SUPPLEMENTAL MATERIAL

- APPENDIX 1. Mines and prospects in the southern Caballo Mountains mining district, Sierra County. Mine Id Numbers are from the New Mexico Mines database. Latitude and longitude are in NAD27.
- APPENDIX 2. Color geologic maps and photographs of episyenites.
  - FIGURE A2-1. Geologic map of the Apache Gap episyenites area, southern Caballo Mountains.
  - FIGURE A2-2. Geologic map of the Southern Red Hills episyenites area, southern Caballo Mountains.
  - FIGURE A2-3. Episyenite (red) in contact with the Caballo granite.
  - FIGURE A2-4. Episyenites hosted by the Caballo granite in the Southern Red Hills, Caballo Mountains.
  - FIGURE A2-5. Red, altered K-feldspar episyenites in the basal Bliss Sandstone indicate that episyenites are no younger than Cambrian-Ordovician.
  - FIGURE A2-6. Red, altered K-feldspar episyenites in the basal Bliss Sandstone indicate that episyenites are no younger than Cambrian-Ordovician.
- APPENDIX 3. Chemical analyses of episyenites and granites in the southern Caballo Mountains. Major oxides are in percent (%) and trace elements are in parts per million (ppm). Latitude and longitude are in NAD27. Na=not available. TREE=total rare earth elements. Fe<sub>2</sub>O<sub>3</sub>T=Total iron calculated as Fe<sub>2</sub>O<sub>3</sub>