

Figure 1. Location map and general geology of the Española Basin, adjacent basin, and volcanic fields of the Rio Grande. The map shows the location of the Cochiti Dam Quadrangle in relation to the larger regional geology.

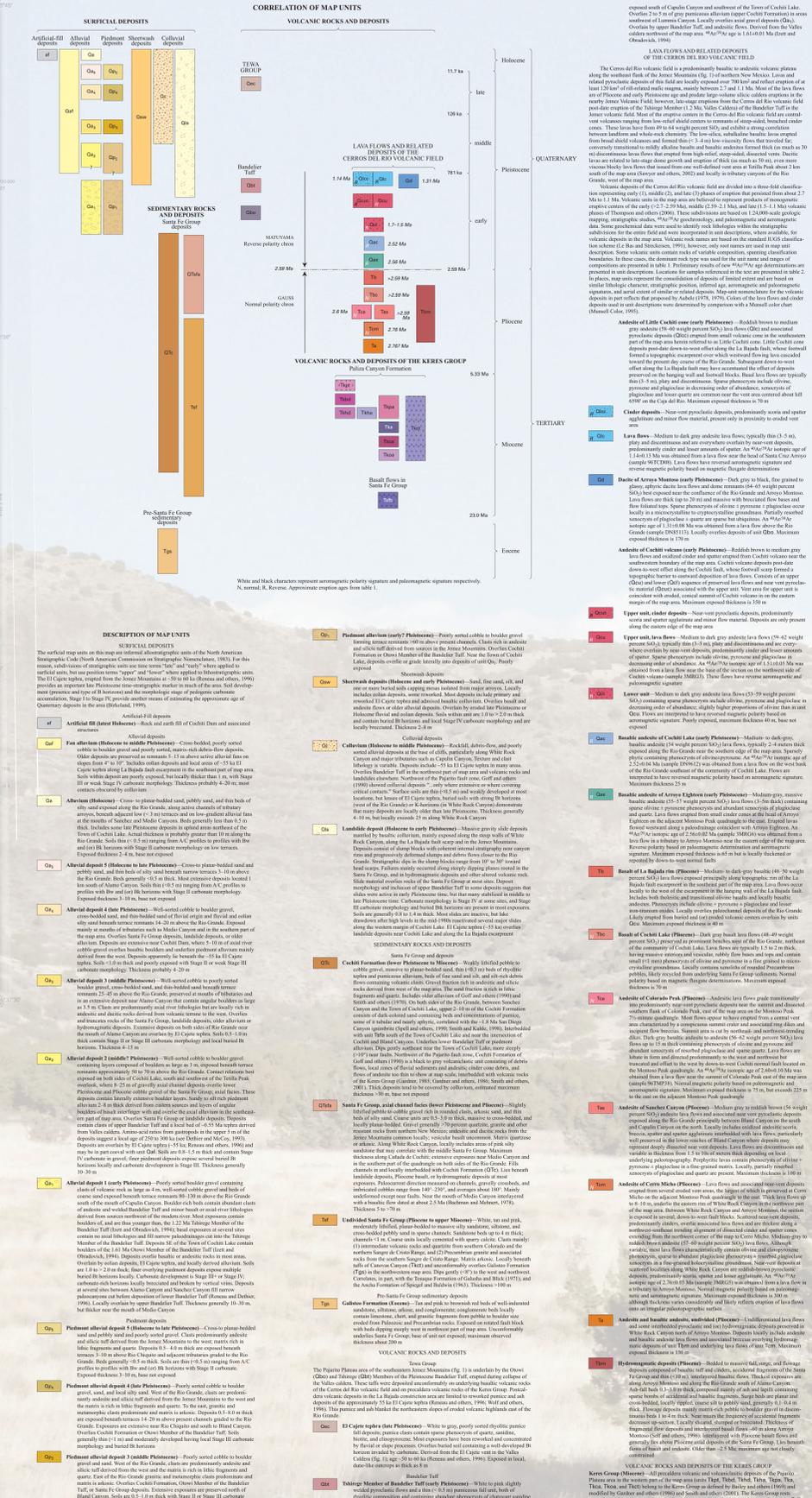


Figure 2. Detailed geologic map of the Cochiti Dam Quadrangle, Sandoval County, New Mexico. The map shows the distribution of various geological units and their relationships.

INTRODUCTION
The Cochiti Dam quadrangle is located in the southwest of the Española Basin (Fig. 1) and contains sedimentary and volcanic deposits that record tectonic, climatic, volcanic, and other processes over the past several million years. The geology was mapped from 1997 to 1999 and modified from 2001 through 2008. The primary purpose of this investigation was to provide a detailed geologic map of the Cochiti Dam quadrangle and to provide a detailed geologic map of the Cochiti Dam quadrangle.

ACKNOWLEDGMENTS
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REFERENCES
Adams, J.C., 1974. Geology of the Cerros del Rio volcanic field, Santa Fe, Sandoval, and Los Alamos Counties, New Mexico. Albuquerque, NM: University of New Mexico, 130 p.



Table 1. Locations for samples referenced in this report. The table lists sample numbers, locations, and dates.



Table 2. Locations for samples referenced in this report. The table lists sample numbers, locations, and dates.



Table 3. Conversion factors. The table lists conversion factors for various units and measurements.

Geologic Map of the Cochiti Dam Quadrangle, Sandoval County, New Mexico

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