

4.11 MINERAL RESOURCES**4.11.1 Introduction**

This chapter presents existing conditions for mineral resources. Impacts and applicant-proposed mitigation measures for the project are discussed in Section 5.11.

4.11.2 Methodology

Existing conditions were determined from review of available published and unpublished literature and online sources. Primary sources of information include various sources within the California Department of Conservation (CDOC). These sources include published and online references from the California Geological Society (CGS) (formerly California Division of Mines and Geology [CDMG]) and the Division of Oil, Gas, and Geothermal Resources.

4.11.3 Existing Conditions**4.11.3.1 Sand and Gravel Resources**

Sand and gravel resources are present in the project area. Regional significant resources have been identified by the State Mining and Geology Board in the Santa Clara River valley (CDMG, 1987). However, no significant production areas are located in or near the project area and none are anticipated in the future (Kohler, 2002). The materials of significance identified by the state are located within the river valley adjacent to the Pardee substation and extending east and west covering essentially the entire river valley (Beeby et. al, 1999). Given the urbanization around the Santa Clarita Valley there would be no development of the area near the project site for sand and gravel production.

4.11.3.2 Oil and Minerals

The southern end of the proposed 500 kV T/L route and the Pardee Substation are located within the general limits of the Honor Rancho oil field (Dibblee, 1996a). This field is still in active production of both oil and gas and some reserves remain (CDOC, 2002). Other mineral resources in the region include historic occurrences of gold (Youngs, 1998). However, there are currently no active mines or known significant mineral resource reserves in the project area (CGS, 2000).