

10. MINERAL RESOURCES

Would the project:	Potentially Significant Impact	Less-Than- Significant With Mitigation Incorporated	Less-Than- Significant Impact	No Impact
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Significance Criteria

The significance criteria for this analysis is based on Appendix G of the CEQA Guidelines. The project is considered to have a significance impact on mineral resources if it would:

- Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State; or
- Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan.

Existing Conditions

There are no significant mineral resources within the power line right-of-way and substation sites. Small patches of Calera Limestone can be found offshore of Burlingame and unincorporated San Mateo County, and a mapped deposit of mercury exists on Point San Bruno. Their limited extent makes them economically infeasible to mine. The only mineral-related extraction operation in the vicinity of the project is the Guadalupe Valley Quarry in Brisbane.

The Guadalupe Valley Quarry is an open-pit mining operation that produces aggregate rock. Approximately 1.2 miles of the project right-of-way near the eastern end of San Bruno Mountain crosses the Franciscan formation, the rock mined at the quarry. The active quarry operations are approximately 0.5 mile west of the right-of-way and would not be impinged on by the proposed project. Plans to close Guadalupe Valley Quarry are under way. In 2000, the City of Brisbane considered an amendment to the 1994 General Plan regarding about 86 acres of the property to be redeveloped as housing and about 19 acres of the quarry lands to be dedicated to San Mateo County as part of the San Bruno Mountain Habitat Conservation Area. The lands to be dedicated to habitat conservation are above the quarry and adjacent to the mountain ridge, approximately 0.5 mile from the project area and existing power lines.

Explanation of Mineral Resources Checklist

a. Loss of Availability of a Known Mineral Resource **No Impact**

Most of the project area is mapped as Mineral Resource Zone-1 (MRZ-1), an area where there is adequate information to indicate that no significant mineral deposits are present. The San Bruno Mountain portion of the project alignment is in MRZ-2, an area where there is a high likelihood that significant mineral deposits are present. The PG&E right-of-way has been exempted from Aggregate Resource Sectors NN-4 (to the west) and NN-5 (to the east), which contain economic deposits of Franciscan sandstone. No mineral resources have been identified in the alignment of the proposed project, and there are no active mineral recovery operations in the project alignment. Consequently, the proposed project would not preclude economic extraction of a known mineral resource.

b. Loss of Availability of a Locally Important Mineral Resource **No Impact**

The only locally mineral resource within the project corridor is aggregate rock. Franciscan sandstone is excavated commercially at the Guadalupe Valley Quarry 0.5 mile away. The proposed project would only involve changing the transmission lines in the vicinity of this mineral resource and would not result in the loss of availability of this resource nor preclude any future efforts to pursue extraction.