

Santa Margarita Quarry Extension Existing Vs. Proposed Project Summary Table

General Site Information		
Item	Existing Quarry	Proposed Project
Applicant	Hanson Aggregates	Hanson Aggregates
Property Owner	Mission Lakes LLC.	Mission Lakes LLC. & Hanson Aggregates
Current Reclamation Plan Area	85 Acres	126.1 Acres
Parcel APN's	070-141-054, 070-141-006	070-131-003, 070-141-054, 070-141-006, 070-131-022
Elevation	1310' to 880' AMSL	1350' to 880' AMSL
Land Use Category (LUC)	Rural Lands (RL)	Rural Lands (RL)
Combining Designation	Resource Extraction Area (EX)	Resource Extraction Area (EX)
Williamson Act Contract	No	No
MRZ Designation	MRZ-2	MRZ-2
Current Land Use	Hard Rock Mining/Processing and Open Space	Hard Rock Mining/Processing and Open Space
Mining		
Mining Area (quarry footprint)	85 Acres Affected by Mining (47 Acre Pit)	94.6 Acres Affected by Mining (75 Acre Pit)
Processing Area	10 Acres (Included within 85 acres)	14 Acres (within RPA boundary)
Buffer area (undisturbed)	28 Acres (Included within 85 acres)	31.5 Acres
Total Reclamation Plan Area	85 Acres	126.1 Acres
Maximum Mining Depth	880' AMSL	880' AMSL
Average Depth of Mining	210'	250'
Average Groundwater Elevation	910' AMSL	910' AMSL
Mining Slopes	Initial 1981 Rec. Plan had 20' wide benches spaced every 30' of vertical rise and vertical interbench slopes. In 2005, slopes amended to: 10' wide benches spaced every 30' of vertical rise with .25:1 Interbench slopes.	Northwest and West Sectors: 25' wide benches every 50' and a bench face angle of 70 degrees. Slopes North, Northeast and East: 25' wide benches every 50' with a bench face angle of 60 degrees. All weathered rock will have a maximum slope gradient of 1.25:1.
Type of Minerals	Granite	Granite
Reserves Gained from Mine Extension		21,500,000 Tons
Total Reserves		33,200,000 Tons
Average Annual Production	565,000 Tons	565,000 Tons
Maximum Annual Production	700,000 Tons	700,000 Tons (No changes proposed)
Average Daily Truck Trips	89 (Round Trips, Excluding Pick-Up Trucks)	No changes proposed
Max Daily Truck Trips	294 (Round Trips, Excluding Pick-Up Trucks)	No changes proposed
Hours of Operation	Varies, as permitted under CUP conditions	No changes proposed
Commencement of Mining	Continuation of existing active operation	Continuation of existing active operation
Duration of Mining from 2012 (Ave. Conds)	21 Years	59 Years
Mining Permit Expiration (Ave. Conds)	2033	2075
Reclamation		
Reclamation Area	85 Acres	126.1 Acres
Reclamation Slopes	22 Acres, 10' Wide Benches Spaced Every 30'	37 Acres, 25' Wide Benches Spaced Every 50'
Duration of Reclamation	N/A	5 Years
Completion of Reclamation	2033 +	2075
Post Mining Land-Use	Open Space	Open Space