

## SUMMARY AND RECOMMENDATIONS

Reconnaissance in approximately 70% of the total area to be affected by the proposed Diablo Reservoir has resulted in the location of 188 archeological sites. Of these, about 25% have been recommended for preliminary test excavations prior to completion of the reservoir construction project. The selected sites have been briefly described in the present report, the remainder of the sites being tabulated in summary form. After the test excavations have been completed, 32 sites should be selected for thorough archeological study in the form of intensive field excavation and laboratory analysis. It is estimated that a total of 21 excavation units will be required to carry out the provisions of the recommended program of archeological salvage.<sup>3</sup> It is suggested that the excavation units be proportional among the several site categories approximately as set forth in Table 2 so that a representative sample of archeological data may be obtained. A final schedule of sites to be thoroughly excavated must await completion of the preliminary tests.

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<sup>3</sup> An excavation unit is defined as follows:

1 archeologist, for 9 months	\$4,050.00
1 assistant archeologist, for 9 months	2,700.00
1 laboratory assistant, for 6 months	1,500.00
1 clerk-typist, for 3 months	750.00
8 laborers, for 3 months	5,200.00
Per diem and travel expenses	1,200.00
Transportation	600.00
Equipment	300.00
Equipment rental	200.00
Supplies and materials	300.00
Administrative overhead	2,608.00
Miscellaneous and reserve for contingencies	<u>591.00</u>
TOTAL	\$20,000.00

For maximum effectiveness of the excavation program, it is recommended, that field operations be distributed over a five year period. The following table summarizes the proposed distribution of excavation units per year in terms of the various site categories.

TABLE 2. Proposed schedule of field work.

Site Category	No. Sites to be Studied	Excavation Units per Year					Total Category Per Units
		year	year	year	year	year	
		1	2	3	4	5	
Large Rockshelters	3	2	2	2			6
Intermediate Rockshelters	10	1	1	2	1		5
Small Rockshelters	8				1	1	2
Open Surface Sites	6				1	2	3
Buried Single Components	3				1		1
Stratified Terrace Sites	2	1	2	1			4
Total Excavation Units Per Year		4	5	5	4	3	21

For recording pictographs in the Diablo area it is tentatively estimated that \$15,000.00 will be required.

For salvaging paleontological, ecological, and historical data a tentative estimate of \$25,000.00 is submitted. This estimate may require *some* revision after appraisal of the area by specialists in those fields.

It is recommended that the sum of \$35,000.00 be made available to aid in defraying the costs of publishing the scientific studies recommended under the salvage program. The effectiveness of the salvage project will be seriously handicapped if provisions are not made for publishing and disseminating the results of the research.

TABLE 3. Estimated cost of the proposed salvage program.

For archeological excavations and studies (21 excavation units @ \$20,000.00 per unit)	\$420,000.00
For recording and analyzing	15,000.00
For paleontological, ecological, and historical studies	25,000.00
For publication costs	<u>35,000.00</u>
TOTAL	\$495,000.00

In several respects the Diablo Reservoir area is one of the unique archeological regions of North America. Probably no area of comparable size can boast of so rich a series of archeological and pictographic sites. In the dessicated rockshelters, in the open midden sites, and in the stratified terrace sites are preserved an unusually complete array of material remains, representing, all in all, several thousand years of human history and prehistory.

For this reason alone the archeology of the area is of exceptional scientific significance. But in addition to this rich inventory of archeologic materials, here exists one of the truly unique pictograph regions of the world. The magnificent galleries of superb cave murals, executed in polychromatic and monochromatic styles, in stylized and naturalistic forms, are perhaps comparable only to the famous cave paintings of Europe.

The scientific, archeological importance of the region and the desirability of recovering the fullest amount of data possible before completion of Diablo Reservoir are so apparent as to render further emphasis superfluous. The cultural and historical value of these data is especially apparent in these times when the urgent need for a better understanding of mankind is almost universally recognized. And unless the proposed salvage program is undertaken prior to construction of Diablo Reservoir, a unique segment of human history will be lost beyond recovery.

Since virtually all the major archeological sites of this general region will be endangered by the Diablo Reservoir Project, it is urged that the recommendations set forth herein for archeological salvage, for recording pictographs, and for complementary historical, paleontological, and ecological studies be given prompt consideration. The recommendations embodied in this report represent the minimum amount of salvage that, in

the estimation of the writers, will be required to obtain a representative series of cultural data from the area. Because of the great extent of Diablo Reservoir a five year salvage project has been proposed, and in order to attain the desired objectives before the dam and reservoir are completed, it is imperative that the initial phases of the field work be begun no later than calendar year 1959.

Survey and Report by:

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