MINUTE ITEM

This Calendar Item No. C18 was approved as Minute Item No. 18 by the State Lands Commission by a vote of 3 to 0 at its 9/25/84 meeting.

CALENDAR ITEM

C18

A 1

S 4

09/25/84
W 22618
Miller, D.

CONTRACT FOR MAINTENANCE OF PLANTATIONS

In 1978 and 1981, brush fields were cleared, and in 1980 and 1982, 50,000 pine seedlings were planted on a school land parcel in Tehama County. Since the original clearing, brush has reinvaded the plantations and has become firmly established causing severe competition to the young pine trees. To ensure healthy, adequately stocked plantations, it is necessary to eliminate the competing brush species at this time. It is proposed to spray the approved herbicide Velpar with ground equipment to accomplish this plantation maintenance work.

AB 884: N/A.

OTHER PERTINENT INFORMATION:

1. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Adm. Code 15025), the staff has prepared a Proposed Negative Declaration identified as EIR ND 371, State Clearinghouse No. 84082823. Such Proposed Negative Declaration was prepared and circulated for public review pursuant to the provisions of CEQA.

   Based upon the Initial Study, the Proposed Negative Declaration, and the comments received in response thereto, there is no substantial evidence that the project will have a significant effect on the environment. (14 Cal. Adm. Code 15074(b))

EXHIBITS:

A. Location Map.
B. Negative Declaration.

IT IS RECOMMENDED THAT THE COMMISSION:

1. FIND THAT A NEGATIVE DECLARATION, EIR ND 371, STATE CLEARINGHOUSE NO. 84082823, WAS PREPARED AND ADOPTED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.

2. DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

3. AUTHORIZE THE EXECUTIVE OFFICER TO SOLICIT BIDS FOR PLANTATION MAINTENANCE AND EXECUTE A CONTRACT WITH THE SUCCESSFUL BIDDER FOR THE 1984-85 FISCAL YEAR IN AN AMOUNT NOT TO EXCEED $10,000.

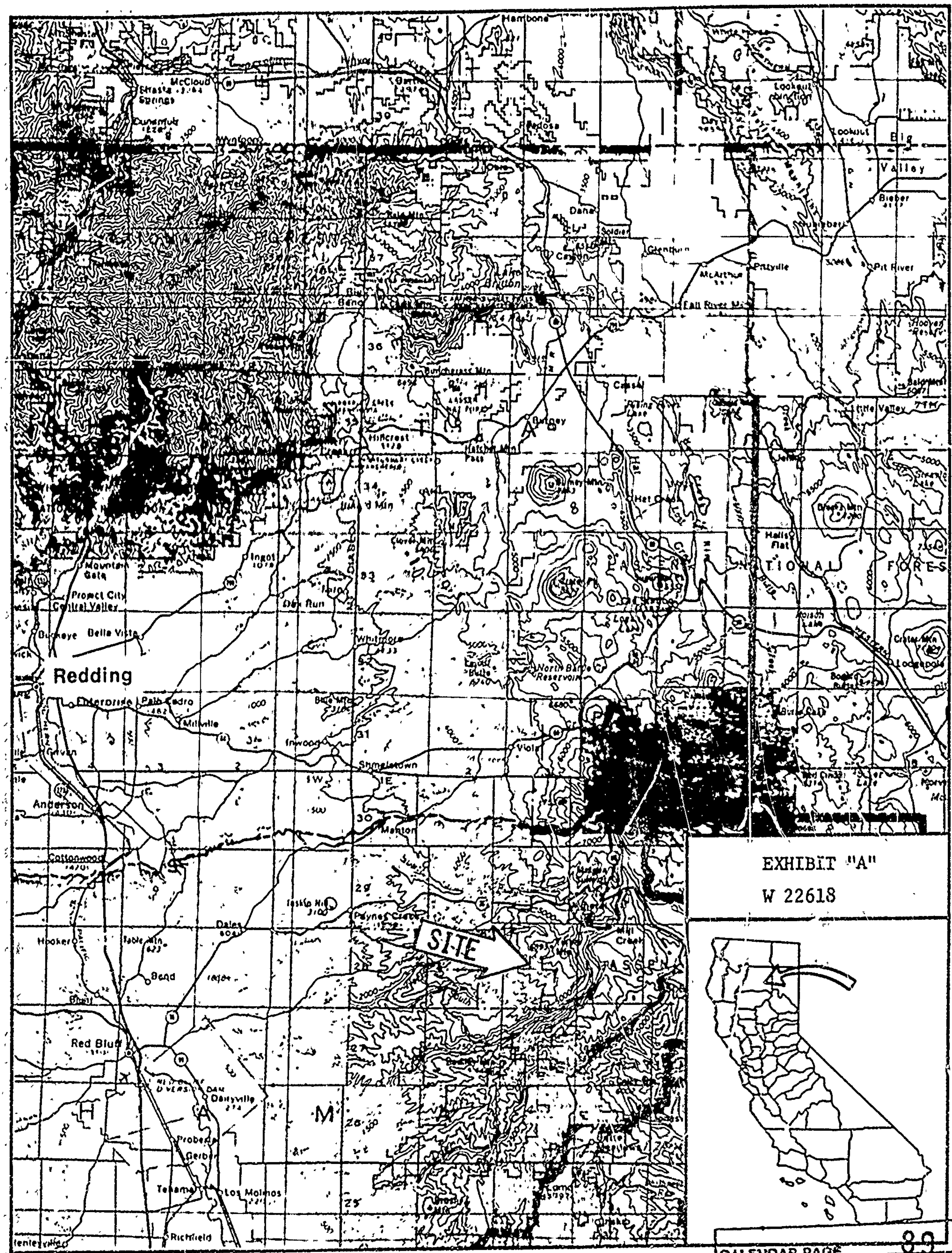


EXHIBIT "A"

W 22618

CALENDAR PAGE 89

MINUTE PAGE 2141

STATE OF CALIFORNIA
STATE LANDS COMMISSION
KENNETH CORY, Controller
LEO T. McCARTHY, Lieutenant Governor
JESSE R. HUFF, Director of Finance

GEORGE DEUKMEJIAN, Governor
EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, California 95814
CLAIRE T. DEDRICK
Executive Officer

File: RW 22618

August 21, 1984

TO: Interested Persons:

SUBJECT: Proposed Negative Declaration for A Vegetation Control Project

Attached for your review is a Proposed Negative Declaration for a vegetation control project in the vicinity of Mineral, Tehama County.

Please respond by September 24, 1984. Comments should be sent to the Commission office at the address shown above with attention to the undersigned.

Thank you for your attention to this matter.

TED T. FUKUSHIMA
Division of Planning
and Research

TTF:ddm

Attachment

CALENDAR PAGE 90
MINUTE PAGE 2142

STATE OF CALIFORNIA
STATE LANDS COMMISSION

EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, California 95814

PROPOSED NEGATIVE DECLARATION

EIR ND 371

File Ref.: W 22816

SCH#:

Project Title: Vegetation Control Project

Project Proponent: STATE LANDS COMMISSION

Project Location: Within Section 16, T.28 N., R.3 E., M.D.M., approximately 5 miles southwesterly of the Town of Mineral, Tehama County.

Project Description: Spray velpar herbicide at a rate of 2 lbs. active ingredient/acre to control brush competing with conifer seedling.

Contact Person: Ted T. Fukushima Telephone: (916)322-7811

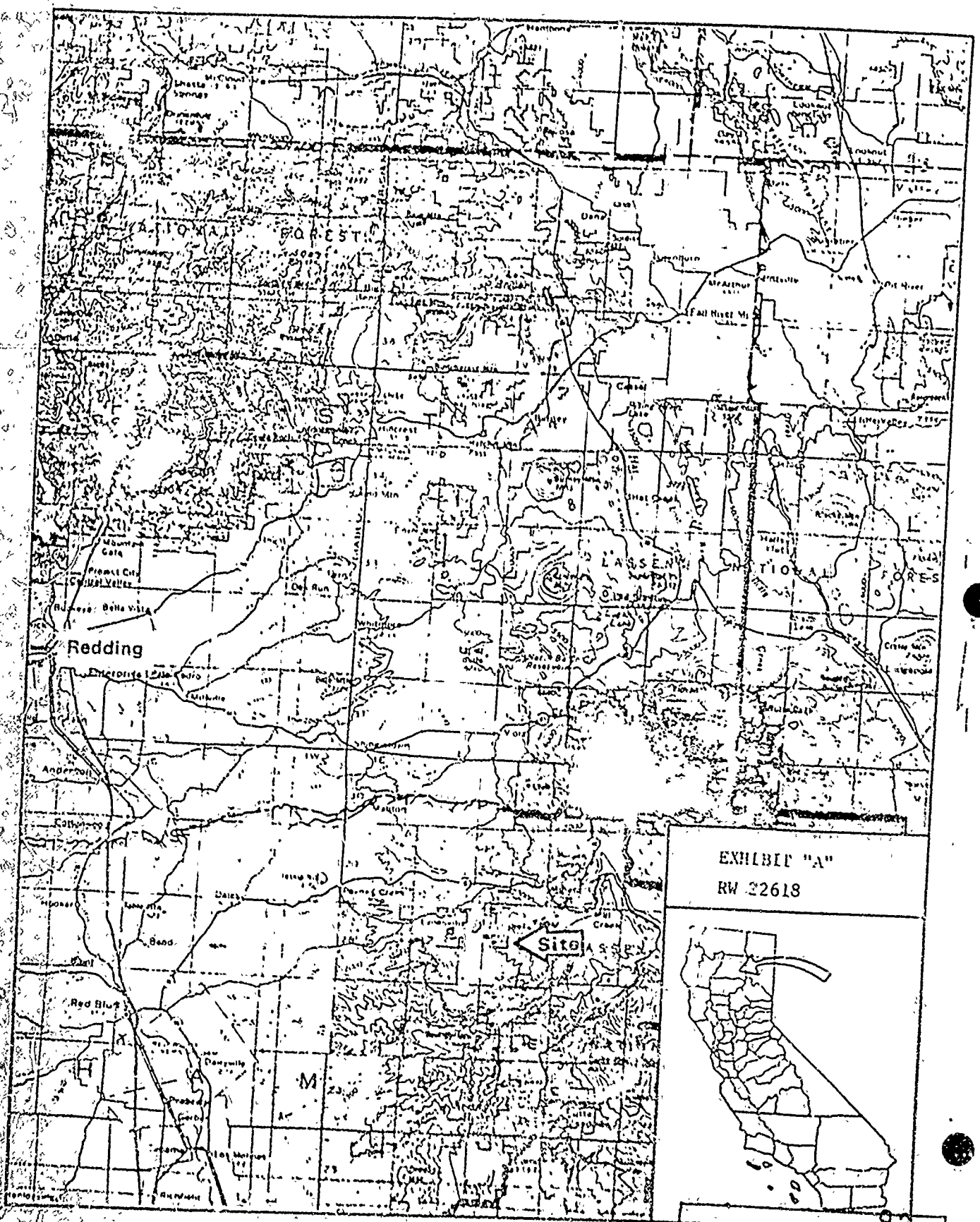
This document is prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA Guidelines (Section 15000 et seq., Title 14, California Administrative Code), and the State Lands Commission regulations (Section 2901 et seq., Title 2, California Administrative Code).

Based upon the attached Initial Study, it has been found that:

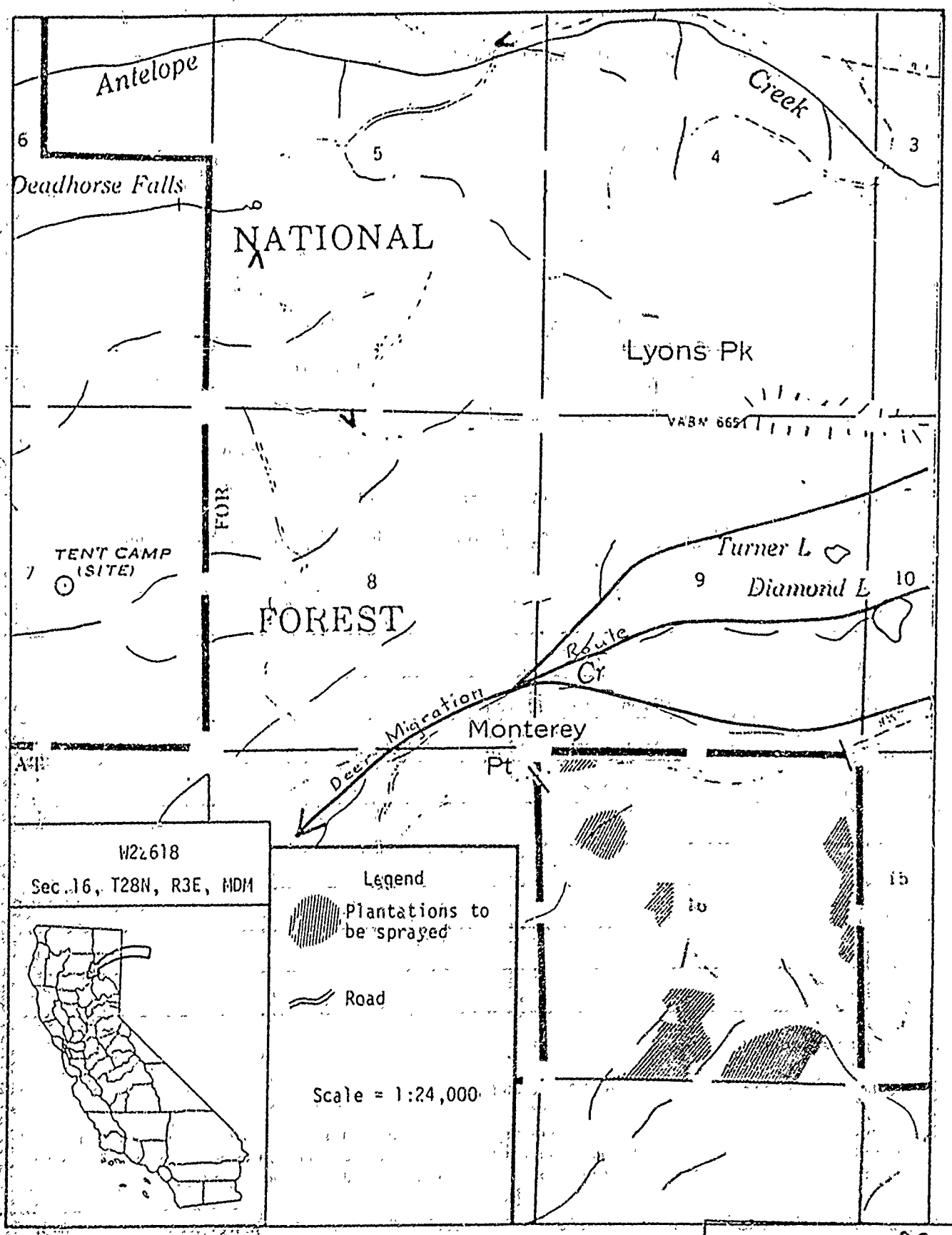
/x/ the project will not have a significant effect on the environment.

/_/ mitigation measures included in the project will avoid potentially significant effects.

CALENDAR PAGE 91
MINUTE PAGE 2143



CALENDAR PAGE 92
MINUTE PAGE 2144



CALENDAR PAGE 93
MINUTE PAGE 2145

STATE LANDS COMMISSION

Date Filed: / /

File Ref.: W 22618

ENVIRONMENTAL IMPACT ASSESSMENT FORM — Part I

(To be completed by applicant)
FORM 69.3(11/82)

A. GENERAL INFORMATION

1. Name, address, and telephone number:

a. Applicant

California State Lands Commission
Forestry & Consilidation Unit
1807 13th Street
Sacramento, CA 95814

(916) 323-6795

b. Contact person if other than applicant:

Wade McDonald
Forester I

(916) 323-6795

2. a. Project location. (Please reference to nearest town or community and include county)

Section 16, T28N, R3E, MDM, about 5 miles south of Mineral, Tehama County.

b. Assessor's parcel number: 17-11-04

3. Existing zoning of project site: Timber Production

4. Existing land use of project site: Timber Plantation

5. Proposed use of site: Timber Plantation

6. Other permits required: N/A

B. PROJECT DESCRIPTION

1. For building construction projects, complete "ATTACHMENT A".

2. For non-building construction projects: Describe fully, the proposed activity, its purpose and intended use, e.g. for proposed mineral prospecting permits, include the number of test holes, size of holes, amount of material to be excavated, maximum surface area of disturbance, hole locations, depth of holes, etc. Attach plans or other drawings as necessary

CALENDAR PAGE 94
MINUTE PAGE 2146

C. ENVIRONMENTAL SETTING

1. Describe the project site as it exists before the project, including information on topography, soil stability, plants and animals, and any cultural, historical, or scenic aspects. Describe any existing structures on the site, and the use of the structures.

2. Describe the surrounding properties, including information on plants and animals and any cultural, historical, or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (one-family, apartment houses, shops, department stores, etc.), and scale of development (height, frontage, set-back, rear yard, etc.).

D. ENVIRONMENTAL IMPACT ASSESSMENT

Answer the following questions by placing a check in the appropriate box. Discuss all items checked "yes" or "maybe". (Attach additional sheets as necessary)

Will the project involve:	YES	MAYBE	NO
1. a change in existing features of any bays, tidelands, beaches, lakes, or hills, or substantial alteration of ground contours?	☐	☐	☒
2. a change in scenic views or vistas from existing residential areas or public lands or roads?	☐	☐	☒
3. a change in pattern, scale, or character of the general area of project?	☐	☐	☒
4. a significant effect on plant or animal life?	☒	☐	☐
5. significant amounts of solid waste or litter?	☐	☐	☒
6. a change in dust, ash, smoke, fumes, or odors in the vicinity?	☐	☐	☒
7. a change in ocean, bay, lake, stream, or ground water quality or quantity, or alteration of existing drainage patterns?	☐	☐	☒
8. a change in existing noise or vibration levels in the vicinity?	☐	☐	☒
9. construction on filled land or on slope of 10 percent or more?	☐	☐	☒
10. use or disposal of potentially hazardous materials, such as toxic or radioactive substances, flammables, or explosives?	☒	☐	☐
11. a change in demand for municipal services (police, fire, water, sewage, etc.)?	☐	☐	☒
12. an increase in follis fuel consumption (electricity, oil, natural gas, etc.)?	☐	☐	☒
13. a larger project or a series of projects?	☐	☐	☒

E. CERTIFICATION

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Date: [illegible] Signed: July 30, 1984

CALENDAR PAGE 95
MINUTE PAGE 2147

STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 1) 205(7/82)

File Ref.: W 22618

I. BACKGROUND INFORMATION

A. Applicant: California State Lands Commission
Forestry & Consolidation Unit
1807 13th Street
Sacramento, CA 95814

B. Checklist Date: 7 / 11 / 84

C. Contact Person: Wade McDonald - Forester I

Telephone: (916) 323-6795

D. Purpose: Release conifer seedlings from brush competition.

E. Location: Section 16, T28N, R3E, MDM, about 5 miles south of Mineral, Tehama County.

F. Description: Spray velpar herbicide at a rate of 2 lbs. active ingredient/acre in order to control brush competing with conifer seedlings.

G. Persons Contacted: Jim McHenry
Extension Weed Scientist
U.C. Davis

Christa Deal
California Archeological Site Inventory
Dept. of Anthropology
Calif. State University, Chico

Bob Lewis, Regional Water Quality Control Board

Dan Smith, Department of Fish & Game

Tom Stone, Department of Fish & Game

II. ENVIRONMENTAL IMPACTS. *(Explain all "yes" and "maybe" answers)*

A. *Earth.* Will the proposal result in:

	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?			X
2. Disruptions, displacements, compaction, or overcovering of the soil?			X
3. Change in topography or ground surface relief features?			X
4. The destruction, covering, or modification of any unique geologic or physical features?			X
5. Any increase in wind or water erosion of soils, either on or off the site?			X
6. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?			X
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?			X

CALENDAR PAGE 96

MINUTE PAGE 2148

	Yes	Maybe	No
B. *Air.* Will the proposal result in:			
1. Substantial air emissions or deterioration of ambient air quality?			X
2. The creation of objectionable odors?			X
3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?			X
C. *Water.* Will the proposal result in:			
1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?			X
2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?			X
3. Alterations to the course or flow of flood waters?			X
4. Change in the amount of surface water in any water body?			X
5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?			X
6. Alteration of the direction or rate of flow of ground waters?			X
7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?			X
8. Substantial reduction in the amount of water otherwise available for public water supplies?			X
9. Exposure of people or property to water related hazards such as flooding or tidal waves?			X
10. Significant changes in the temperature, flow or chemical content of surface thermal springs?			X
D. *Plant Life.* Will the proposal result in:			
1. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)?	X		
2. Reduction of the numbers of any unique, rare or endangered species of plants?			X
3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?			X
4. Reduction in acreage of any agricultural crop?			X
E. *Animal Life.* Will the proposal result in:			
1. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, or insects)?			X
2. Reduction of the numbers of any unique, rare or endangered species of animals?			X
3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?			X
4. Deterioration to existing fish or wildlife habitat?			X
F. *Noise.* Will the proposal result in:			
1. Increase in existing noise levels?			X
2. Exposure of people to severe noise levels?			X
G. *Light and Glare.* Will the proposal result in:			
1. The production of new light or glare?			X
H. *Land Use.* Will the proposal result in:			
1. A substantial alteration of the present or planned land use of an area?			X
I. *Natural Resources.* Will the proposal result in:			
1. Increase in the rate of use of any natural resources?			X
2. Substantial depletion of any nonrenewable resources?			X

	Yes	Maybe	No
J. *Risk of Upset.* Does the proposal result in:			
1. A risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation) in the event of an accident or upset conditions?	X		
2. Possible interference with emergency response plan or an emergency evacuation plan?			X
K. *Population.* Will the proposal result in:			
1. The alteration, distribution, density, or growth rate of the human population of the area?			X
L. *Housing.* Will the proposal result in:			
1. Affecting existing housing, or create a demand for additional housing?			X
M. *Transportation/Circulation.* Will the proposal result in:			
1. Generation of substantial additional vehicular movement?			X
2. Affecting existing parking facilities, or create a demand for new parking?			X
3. Substantial impact upon existing transportation systems?			X
4. Alterations to present patterns of circulation or movement of people and/or goods?			X
5. Alterations to waterborne, rail, or air traffic?			X
6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?			X
N. *Public Services.* Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:			
1. Fire protection?			X
2. Police protection?			X
3. Schools?			X
4. Parks and other recreational facilities?			X
5. Maintenance of public facilities, including roads?			X
6. Other governmental services?			X
O. *Energy.* Will the proposal result in:			
1. Use of substantial amounts of fuel or energy?			X
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?			X
P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities.			
1. Power or natural gas?			X
2. Communication systems?			X
3. Water?			X
4. Sewer or septic tanks?			X
5. Storm water drainage?			X
6. Solid waste and disposal?			X
Q. *Human Health.* Will the proposal result in			
1. Creation of any health hazard or potential health hazard (excluding mental health)?		X	
2. Exposure of people to potential health hazards?		X	
R. *Aesthetics.* Will the proposal result in.			
1. The obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view?			X
S. *Recreation.* Will the proposal result in.			
1. An impact upon the quality or quantity of existing recreational opportunities?			

CALENDAR PAGE 198
MINUTE PAGE 2150

	Yes	Maybe	No
T. *Cultural Resources.*			
1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?			X
2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?			X
3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?			X
4. Will the proposal restrict existing religious or sacred uses within the potential impact area?			X
U. *Mandatory Findings of Significance.*			
1. Does the project have the potential to degrade the quality of the environment, reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?			X
2. Does the project have the potential to achieve short term, to the disadvantage of long term, environmental goals?			X
3. Does the project have impacts which are individually limited, but cumulatively considerable?			X
4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?			X

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments Attached)*

D-1) In the area of the project the number of chinquapin, manzanita, and bitter cherry plants will be reduced. The reduction in their number will promote the growth of conifer seedlings.

J-1) In the event of an accident the soil could become contaminated with the herbicide, or the applicators could be exposed to a level above which is considered safe.

The applicators will follow label instructions carefully, and will wear protective clothing.

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation:

[X] I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

[ ] I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared.

[ ] I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Date: 8 / 21 / 84

For the State Lands Commission

CALENDAR PAGE 99
MINUTE PAGE 2151

Project Description

B-2 The site of the proposed project is a timber plantation which was mechanically site prepared in 1978 & 1981 and was planted with conifer seedlings in 1980 and 1982. Since plantation establishment brush, primarily chinquapin, manzanita, and bitter cherry have reinvaded the plantation.

The current project calls for the spraying of Dupont Velpar herbicide (active ingredient Hexazinone), with ground equipment, at a rate of 2 pounds acid equivalent per acre to control the brush and to reduce the percent ground cover it occupies.

There are 7 plantations within this 640 acre parcel in need of release spraying. These 7 plantations cover approximately 55 acres with 25 of the acres having dense brush up to 3 feet in height and covering 70% of the ground area. The conifer seedlings in this 25 acres range from 2 to 3 feet in height. The other 30 acres has brush that ranges from 1 to 2 feet in height and covers about 50 percent of the ground area. The conifer seedlings on this 30 acres average one foot in height.

The area will be sprayed with mechanical backpack sprayers or with similar equipment. The original site preparation was done under Environmental Impact Report SCH 78062048, which called for follow-up treatment with herbicides where needed.

Environmental Setting

C(1) The elevation of the project site ranges from 5800 to 6200 feet. The slopes are southwest facing and average 22 percent.

The soils are of the Windy and Lytton soil series. Both are well drained, have moderate runoff, and moderate permeability. The erosion hazard on the parcel is low.

The plant species observed on the project area are:

Greenleaf manzanita (Arctostaphylos patula)

Mountain whitethorn (Ceanothus cordulatus)

Bush chinquapin (Castanopsis sempervirens)

Snow brush (Ceanothus velutinus)

Bitter cherry (Prunus emarginata)

California black oak (Quercus kelloggii)

Braken fern (Pteridium aquilinum pubesoens)

Sword fern (Polystichum munitum)

C(1) (continued)

Coniferous species:

Sugar pine (Pinus lambertiana)

White fir (Abies concolor)

Red fir (Abies magnifica)

Incense-cedar (Calocedrus decurrens)

Jeffrey pine (Pinus Jeffreyi)

Ponderosa pine (Pinus ponderosa)

The project site area is not significant habitat for wild life. There are no cultural or historical aspects associated with the project. This project will have no effect on scenic aspects.

C(2) The surrounding properties are commercial forest owned by the U.S. Forest Service on the north, east and west, and Diamond International on the south.

The plant species consist of those listed below:

Greenleaf manzanita (Arctostaphylos patula)

Mountain whitethorn (Ceanothus cordulatus)

Bush chinquapin (Castanopsis sempervirens)

Snowbrush (Ceanothus velutinus)

Bitter cherry (Prunus emarginata)

California black oak (Quercus kelloggii)

Braken fern (Pteridium aquilinum pubesoens)

Sword fern (Polystichum munitum)

Coniferous species:

Sugar pine (Pinus lambertiana)

White fir (Abies concolor)

Red fir (Abies Magnifica)

Incense-cedar (Calocedrus decurrens)

Jeffrey pine (Pinus Jeffreyi)

Ponderosa pine (Pinus ponderosa)

Environmental Impact Assessment

D(4) The project will result in a reduction in the number of manzanita, chinquapin, and bitter cherry plants on the area being treated in order to inhance the growth of the conifer seedlings that were planted.

D(10) The Velpar herbicide is toxic to brush species and grasses.

State of California

State Lands Commission

Memorandum

To : R. J. SHINER
D. R. MILLER

Date : July 23, 1984

File No. : W 22618

From : STATE LANDS COMMISSION
1807 - 13th Street, Sacramento 95814

Subject : Treatment of Brush and Mineral with Herbicides

I talked to Jim McHenry, Extension Weed Scientist - U.C. Davis regarding which herbicide to use to control chinquapin, green leaf manzanita, and bitter cherry at 6,000 feet elevation, in a pine plantation, in Tehama County. He asked what the main form of precipitation was, and I said snow. McHenry said that Velpar was an excellant candidate since it's safe on conifers. He thought our site would be ideal, if we have absorptive soils with some organic matter. He recommended an applicaiton rate of 2 lbs. active ingredient per acre applied in the fall since 90% of the precipitation is snow. He said that Velpar will give good control of bitter cherry the first growing season and have maximum effect on manzanita and chinquapin after two growing seasons. Manzanita and chinquapin will have reduced photosyntnsis the first year thus reducing their com, tition for nutrients and moisture. He also, said that Velpar will control grasses, thus preventing their invasion with the control of bitter cherry, manzanita and chinquapin. On one field study Velpar has not allowed an invasion of grasses 6 or 7 years hence.

I asked if Garlon 4 was registered for conifer releas.. He said yes, but not for pine plantations. He said if you sprayed Garlon 4 on pines in September there would be minimal damage.

WADE R. McDONALD
Forester I

WRM:cn

CALENDAR PAGE 103
MINUTE PAGE 2155

State of California

State Lands Commission

Memorandum

To : FILE

Date : July 12, 1984

File No. : W 22618

From : STATE LANDS COMMISSION
1807 - 13th Street, Sacramento 95814

Subject : Archeological or Historic Sites on the States Mineral Parcel Section 16, T28N, R3E, MDM

I talked this morning to Christa Deal with the California Archaeological Site Inventory office in the Department of Anthropology at California State University, Chico regarding possible historic or archaeological sites on our Mineral parcel. She did a preliminary map search and said there were no known sites in the section or within 2 miles of the section. She said there were 10 sites 4 to 5 miles to the north of the parcel. She, also, indicated that the ridge on the north property line could have possible sites, but if there were a they would likely be in Sections 19 and 20.

Ms. Deal, requested a copy of the project map along with a xerox copy of the quad map showing the parcel.

WADE McDONALD, RPF 2065
Forester I

WRM:cn

cc: Ted Fukushima

CALENDAR PAGE 104
MINUTE PAGE 2156