

MINUTE ITEM  
This Calendar Item No. 48  
was approved as Minute Item  
No. 478 by the State Lands  
Commission by a vote of 3  
to 0 at its 12-12-90  
meeting.

CALENDAR ITEM

A 2

S 2

48

12/12/90  
W 23181  
McDonald

1990 HAM PASS TIMBER SALE IN MENDOCINO COUNTY

PARTY:

State Lands Commission  
1807 - 13th Street  
Sacramento, California 95814

In furtherance of the timber management program endorsed at the May 1980 Commission meeting, the staff has prepared a Timber Harvest Plan and will solicit bids for the sale of 2,100,000 board-feet of commercial sawtimber within a 175-acre portion of State school land, seven miles northeast of Covelo, Mendocino County.

AB 884:

N/A.

OTHER PERTINENT INFORMATION:

1. A Timber Harvest Plan was prepared by Commission staff and submitted to the California Department of Forestry and Fire Protection (CDF) for review and approval.
2. The submitted environmental analysis document (Timber Harvest Plan #1-90-629 MEN) was certified for this project by the CDF under its certified program [14 Cal. Code Regs. 15251(a)].
3. Staff has reviewed the document and determined that the conditions, as specified in 14 Cal. Code Regs. 15253(b), have been met for the Commission to use the environmental analysis document certified by CDF as an EIR substitute in order to comply with the requirements of the CEQA.

4. Four Spotted Owls were found on school land scheduled for timber harvest. Fish and Game recommended 15 acres be set aside from harvest, but staff felt it was more appropriate, at this time, to set aside 50 acres. The setting aside of 50 acres reduced the sale volume from 3 million board-feet to 2.1 million board-feet.
5. The estimated value of the timber to be offered for sale is between \$200,000 and \$300,000.

EXHIBITS:

- A. Land Description.
- B. Location Map.
- C. Approved Timber Harvest Plan.
- D. Letter Notifying Local Government of Project.

IT IS RECOMMENDED THAT THE COMMISSION:

1. FIND THAT AN ENVIRONMENTAL ANALYSIS DOCUMENT (TIMBER HARVEST PLAN #1-90-629 MEN) WAS CERTIFIED FOR THIS PROJECT BY THE CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION UNDER ITS CERTIFIED PROGRAM [14 CAL. CODE REGS. 15251(a)], THAT THE STATE LANDS COMMISSION HAS REVIEWED SUCH DOCUMENT AND THAT THE CONDITIONS, AS SPECIFIED IN 14 CAL. CODE REGS. 15253(b) HAVE BEEN MET.
2. DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
3. AUTHORIZE STAFF TO ACCEPT BIDS AND ENTER INTO A TIMBER SALE AGREEMENT FOR THE SALE OF SAWTIMBER TO THE HIGHEST BIDDER.

**EXHIBIT "A"**

**W 23181**

**LAND DESCRIPTION**

A parcel of California State lieu lands near Ham Pass, Mendocino County, California, described as follows:

Section 4, T23N, R11W, M.D.M.

Section 9, T23N, R11W, M.D.M.

**END OF DESCRIPTION**

Revised October , 1990 BY LLB.

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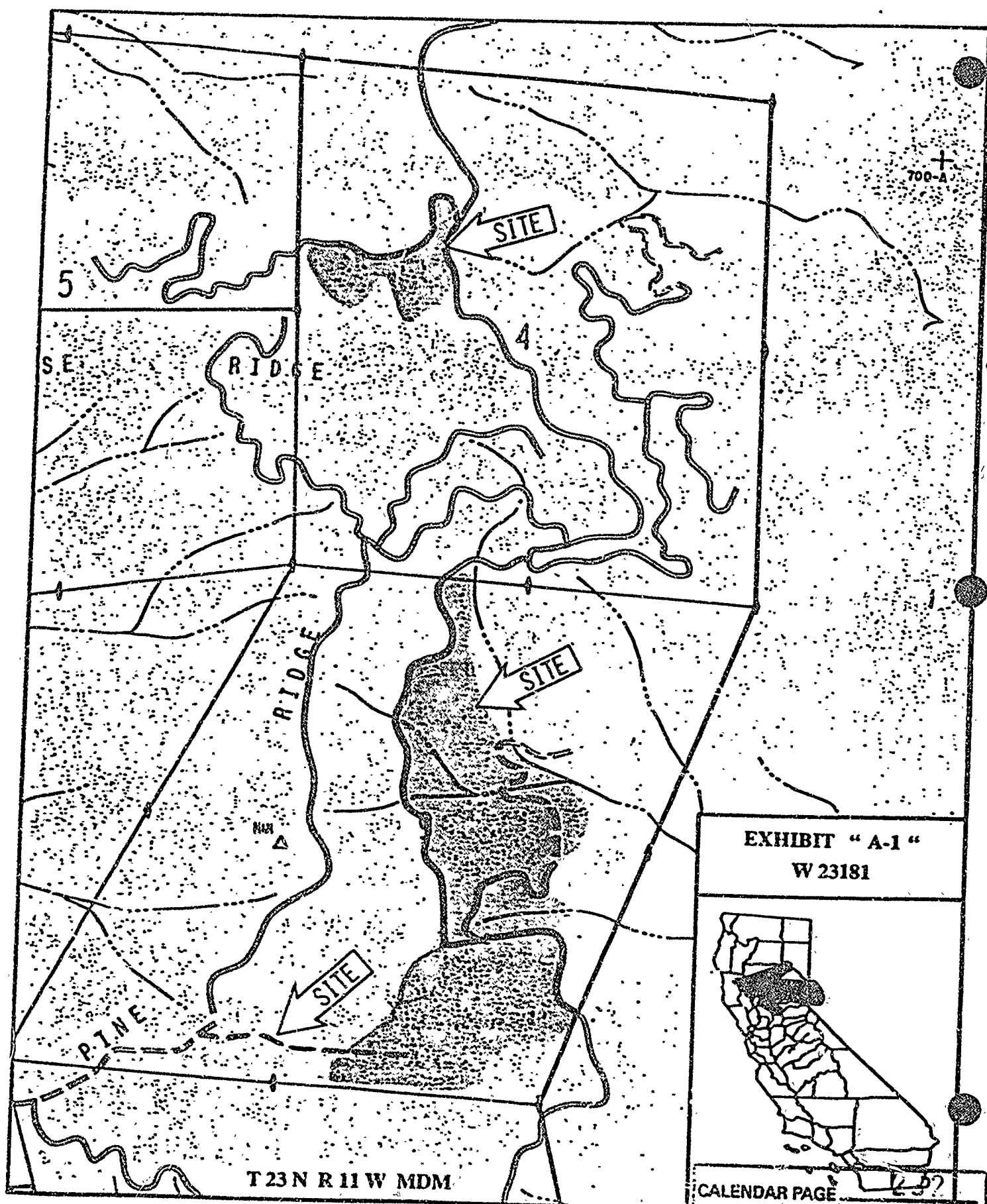


EXHIBIT "A-1"  
W 23181



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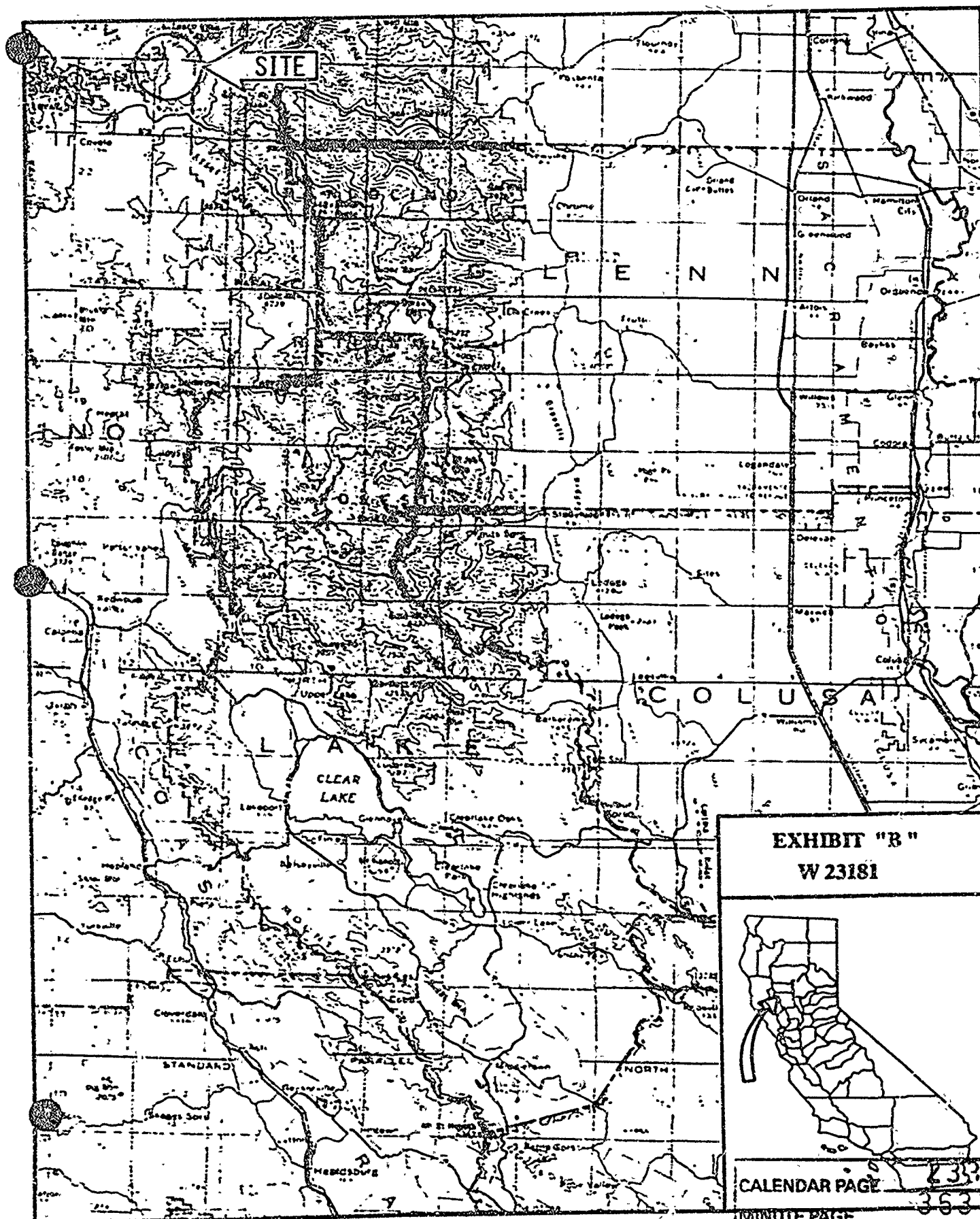


EXHIBIT "B"  
W 23181

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To Santa Rosa 15 Miles

EXHIBIT "C"

STATE OF CALIFORNIA—THE RESOURCES AGENCY

GEORGE TSUMAEJIAN, Governor

DEPARTMENT OF FORESTRY  
AND FIRE PROTECTION  
COAST REGION

P. O. Box 670  
Santa Rosa, CA 95402  
(707) 576-2275



Date: October 10, 1990  
Ref: 1-90-629 MEN

Mr. Wade R. McDonald  
1807 13th St.  
Sacramento, CA 95814

Dear Mr. McDonald:

**NOTICE OF CONFORMANCE**

Enclosed is a true copy of your Timber Harvesting Plan (THP) identified by the number shown above. The Director of Forestry and Fire Protection finds that the plan conforms with the Rules and Regulations of the Board of Forestry pursuant to the provisions of the ZBerg-Nejedly Forest Practice Act of 1973. Conformance is indicated by the facsimile signature of his duly constituted representative being shown on the attached copy of the plan.

You may begin the timber operations proposed in the plan according to the conditions specified therein, and subject to the Forest Practice Act, Forest Practice Rules of the Forest District in which the operations will take place, related Board of Forestry regulations and other applicable laws, regulations and ordinances.

The Forest Practice Act requires the filing of the two reports listed below for each timber harvesting operation undertaken:

1. Timber Operations Work Completion Report: Within one month after completion of work described in a Timber Harvesting Plan, excluding work for stocking, a report shall be filed by the timber owner or his agent with the Director that all work, except stocking, has been completed.
2. Report of Stocking:
  - a) ☒ Within six months after completion of timber operations covered by this THP, a Report of Stocking shall be filed by the timber owner or his agent with the Director.
  - b) NA Within five years after completion of timber operations covered by this THP, a Report of Stocking shall be filed by the timber owner or his agent with the Director.
  - c) Stocking obligations do not apply because:
    1. NA A Timberland Conversion Permit is in effect.
    2. NA The THP is for road right-of-way construction only.
    3. NA The THP is for a one-time, minor conversion.

In future correspondence, please refer to the THP number in the upper right corner of the attached plan.

Sincerely,

WILLIAM T. IMBODEN  
Chief, Region

cc: Director  
Unit

Enclosure

by:

Raymond C. Utterback  
Resource Manager

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10/10/90

Date of Director's Decision

OFFICIAL NOTICE OF THE DIRECTOR OF FORESTRY'S DETERMINATION  
OF CONFORMANCE OF TIMBER HARVESTING PLANS  
WITH THE RULES OF THE BOARD OF FORESTRY

The Director of Forestry found on the date shown that the Timber Harvesting Plan(s) listed below are in conformance with the rules of the Board of Forestry and and to State laws, and regulations.

Copies of the Timber Harvesting Plan and related documents are available for inspection at: 776 So. State St., Ukiah, CA 95482 (707) 462-0506

This notice is posted in compliance with Sections 1037.1 and 1037.7, Title 14, California Administrative Code.

Plan No.: 1-90-529 MEN Plan No.: \_\_\_\_\_

County: Mendocino County: \_\_\_\_\_

Submitter: California State Lands Comm. Submitter: \_\_\_\_\_

Approx. Acres in Plan: 175 Approx. Acres in Plan: \_\_\_\_\_

Location: Sec. 4, 9; T23N; R11W; MDBM Location: \_\_\_\_\_

Description: Shelterwood, removal cut; Description: \_\_\_\_\_

Williams Creek/Eel River Description: \_\_\_\_\_

Plan No: \_\_\_\_\_ Plan No: \_\_\_\_\_

County: \_\_\_\_\_ County: \_\_\_\_\_

Submitter: \_\_\_\_\_ Submitter: \_\_\_\_\_

Approx. Acres in Plan: \_\_\_\_\_ Approx. Acres in Plan: \_\_\_\_\_

Location: \_\_\_\_\_ Location: \_\_\_\_\_

Description: \_\_\_\_\_ Description: \_\_\_\_\_

TO POSTING AGENCY: Please post this notice at the place where official notices concerning Environmental Quality Act compliance are usually posted. If there are questions concerning posting, please contact: Resource Management Office, California Department of Forestry and Fire Protection, (707) 576-2275. Posting Period is 30 days.

RM20 (4/86)

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## NOTICE TO TIMBER AND TIMBERLAND OWNER

### TIMBER AND TIMBERLAND OWNER RESPONSIBILITY

The attached Notice of Conformance designates a Timber Harvesting Plan (THP) has been approved in which you were either named as the timber owner or the timberland owner. A copy of the THP may be obtained from the submitter or the Registered Professional Forester (RPF). I would like to take this opportunity to explain your responsibilities concerning this operation.

1. The Public Resources Code (PRC) defines timber owner as "any person who owns commercial timber, timberland, cutover land or timber rights, including Christmas tree rights, on lands of another except federal agency" (PRC 4527.5).
2. All Forest Practice rules and regulations must be adhered to in the harvest operations.
3. Within one month after completion of the work described in the THP, excluding stocking, a Work Completion Report must be filed with the Department of Forestry and Fire Protection by the timber owner or his agent (PRC 4585).
4. You must restock the operating area with trees to the standards set forth by the Board of Forestry in Title 14, California Administrative Code (CAC), Section 912.7. You may meet the requirements immediately by leaving healthy trees uncut, or within five (5) years if trees must be planted or seeded. Planted trees must be in the ground two growing seasons and alive before they can be counted for stocking. When stocking is met, the timber owner or his agent must submit, to the Department of Forestry and Fire Protection, a Report of Stocking. A copy of the Report of Stocking form can be obtained from the RPF who prepared your plan.
5. Any change in ownership (land or timber) must be reported to the Department, if such a change occurs before the Report of Stocking has been filed (14 CAC 912.7). Although it is not required by the Forest Practice Act, it is your civil liability to notify the new landowner of this Timber Harvesting Plan and the outstanding stocking requirements.
6. A new set of rules became effective 2/1/90. These rules require the timberland owner to maintain erosion control devices for one year and, perhaps, up to three years after approval of a Work Completion Report. CDF will be inspecting for maintenance and determining the time period for required maintenance.
7. Another new set of rules are applicable to this plan if mechanical equipment or fire is to be used to prepare the harvest area for planting. These rules are applicable up to the time a Stocking Report is approved by CDF.

This information is given to you so that you may become more aware of the responsibilities that timber harvesting requires of the timber and timberland owners. If you have further questions, please contact this office or your local California Department of Forestry and Fire Protection office. Please refer to the Timber Harvesting Plan number in future correspondence.

Sincerely,

WILLIAM T. IMBODEN  
Chief, Region I

by: *Ray C. Utterback*  
Raymond C. Utterback  
Staff Forester  
RPF #829

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Memo - north

Received CDF  
REGION 1

SEP 14 1990

STATE OF CALIFORNIA  
DEPARTMENT OF FORESTRY  
RM-63(6/86)

RESOURCE MANAGEMENT  
TIMBER HARVESTING PLAN  
RAMPASS 1990

FOR ADMINISTRATIVE USE ONLY  
( THP No. 1-90-629 MEN  
( Date Recd SEP 14 1990  
( Date Filed SEP 14 1990  
( Date Apprvd OCT 16 1990

This Timber Harvesting Plan (THP) form, when properly completed, is designed to comply with the Forest Practice Act (FPA) and Board of forestry rules. See separate instructions for information on completing this form. NOTE: The form must be printed legibly in ink or typewritten.

1. TIMBER OWNER(S): Name CALIFORNIA STATE LANDS COMMISSION  
Address: 1807 13TH STREET  
City: SACRAMENTO State: CA. Zip: 95814 Phone: 916-3236795
2. TIMBERLAND OWNER(S): Name "SAME"  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_
3. TIMBER OPERATOR(S): Name UNKNOWN; SEE ADDENDUM  
Address: \_\_\_\_\_ License #: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_
4. PLAN SUBMITTER(S): Name CALIFORNIA STATE LANDS COMMISSION  
If the plan submitter is different from 1, 2, or 3 explain authority to submit plan:  
\_\_\_\_\_  
\_\_\_\_\_
5. Person to contact on-site who is responsible for the conduct of the operation:  
Name: TIMBER OPERATOR: See Addendum #1  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_
6. RFP preparing the THP: Name: WADY R. McDONALD  
Address: 1807 13TH ST. Registration #: 2065  
City: SACRAMENTO State: CA. Zip: 95814 Phone: 916-3236795

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7. Expected commencement date of timber operations: DECEMBER 15, 1990 12/10/90
8. Expected completion date of timber operations: SEPTEMBER 1, 1993
9. Forest products to be harvested: SAWLOGS, PEELER LOGS, POLES, CHIPS
10. The timber operation is to be within: (check the appropriate boxes)
1. ☐ Coast Forest District  
2. ☒ Northern Forest District  
3. ☐ Southern Forest District
4. ☐ Southern Subdistrict of the Coast Forest District  
5. ☐ High-Use Subdistrict of the Southern Forest District

11. Location of the timber operation by legal description:

Base and Meridian: ☒ Mount Diablo ☐ Humboldt ☐ San Bernardino

Section	Township	Range	Approximate Acreage	County	(Optional) Assessor's Parcel No.	Received CDF REGION I
4	20N	11W	40	MENDOCINO		
9	20N	11W	185	MENDOCINO		SEP 14 1990

TOTAL ACREAGE 175

RESOURCE MANAGER

NOTE: Additional sheets may be necessary

12. ☐ Yes ☒ No Is a timberland conversion permit in effect? If yes, list permit number and date of expiration: \_\_\_\_\_
13. ☐ Yes ☒ No Is there a THP on file with CDF for any portion of the plan area for which a report of satisfactory stocking has not been issued by CDF?  
If yes, identify the THP number: \_\_\_\_\_
14. ☐ Yes ☒ No Is any part of the plan within a special treatment area, TAFE, Regional Planning Agency jurisdiction, or a county which has special rules?  
If yes, identify the special area: \_\_\_\_\_

SILVICULTURE

15. Check the method or treatments which are to be applied, and provide any other information required by the rules in an addendum:

1 ☐ Clearcutting  
2 ☐ Shelterwood, preparatory step  
3 ☐ Shelterwood, seed step  
4 ☒ Shelterwood, removal step  
5 ☐ Seed tree, seed tree step  
6 ☐ Seed tree, seed tree removal step

7 ☒ Selection - designate basal area stocking standards to be met: SITE I: A MINIMUM OF 75 SQUARE FEET; SITE II: A MINIMUM 100 SQUARE FEET

8 ☐ Commercial thinning - designate basal area stocking standards to be met: \_\_\_\_\_

9 ☐ Sanitation salvage - when will stocking be met: \_\_\_\_\_

10 ☐ Special treatment areas  
11 ☐ rehabilitation of understocked areas

12 ☐ Alternative prescription  
13 ☐ Transition method

NOTE: Where the level of stocking is based upon timberland site, timberland sites must be shown on the map.

16. a. ☐ Yes ☒ No Are any exceptions to the standard silvicultural methods or treatments permitted in the rules proposed for this plan? If yes, explain and justify the exception in an addendum.

b. ☐ Yes ☒ No Will artificial regeneration be required to restock the logged area?

17. ☐ Yes ☒ No Are broadleaf or optional species proposed for management? See item 18.

18. ☐ Yes ☒ No Are broadleaf or optional species to be used to meet stocking standards?

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If the answer to items 17 or 18 is yes, list the species and provide the information required by the rules:

**HARVESTING PRACTICES AND EROSION CONTROL**

19. Indicate type of yarding systems to be used this plan:

- 1 ☒ Tractor, skidder, forwarder    2 ☐ Balloon, helicopter    3 ☐ Cable, ground-lead  
4 ☐ Cable, high-lead    5 ☐ Cable, skyline    6 ☐ Animal    7 ☐ Other

20. ☐ Yes ☒ No Will tractor constructed layouts be used?  
21. ☐ Yes ☒ No Will tractors be used for directional tree pulling?

Check items 22 through 25 that apply to the use of tractors.

22. ☒ Yes ☐ No Operations on unstable soils or slide areas?  
23. ☐ Yes ☒ No Operations on slopes over 65%  
24. ☐ Yes ☒ No Operations on slopes over 50% with high or extreme EHR?  
25. ☐ Yes ☒ No Operations within cable yarding areas?

If any of items 22 through 25 are answered yes, explain and justify as required by the rules:

22. TREES WILL BE END LINED OUT OF SLIDE IN SECTION 4. HEAVY EQUIPMENT WILL BE EXCLUDED FROM AREA OF SLIDE. (See Addendum for Geological Report)

26. Indicate erosion hazard ratings present on this THP:  
☐ Low    ☒ Moderate    ☐ High    ☐ Extreme

27. Describe soil stabilization measures to be implemented or any additional erosion control measures proposed in this THP where required by the rules:

ON SLOPES OF 0-10% ALL SKID TRAILS WILL BE WATERBARED AT A MAXIMUM OF EVERY 200 FEET. ON SLOPES OF 11-25% WATERBARS WILL BE SPACED AT A MAXIMUM DISTANCE OF 150 FEET. ON SLOPES OF 26-50% WATERBARS WILL BE SPACED AT A MAXIMUM DISTANCE OF 100 FEET. ON SLOPES OF 50% WATERBARS WILL BE SPACED AT A MAXIMUM DISTANCE OF 75 FEET. ALL ROADS ON PLAN AREA, EXCEPT U.S.F.S. ROAD 24N21.1, WILL HAVE WATERBARS OR ROLLING DIPS INSTALLED UPON COMPLETION OF LOGGING OPERATIONS. IN SECTION 4 SKID TRAILS WILL BE CONSTRUCTED WITH AS LITTLE CUT AND FILL AS POSSIBLE. SKID TRAILS WILL BE LAID-OUT WHERE LITTLE OR NO BLADEWORK IS NECESSARY. LANDINGS WILL BE BUILT WITH AS LITTLE EXCAVATION AS POSSIBLE. SKID TRAILS WILL NOT CROSS SLIDE. ALL TREES WILL BE ENDLINED OUT OF SLIDE.

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28. ☐ Yes ☒ No

Are any alternative practices or exceptions to the standard harvesting or erosion control practices permitted in the rule proposed for this plan? If yes, explain and justify:

29. ☒ Yes ☐ No

Are timber operations proposed for the winter period? If yes provide a winter period plan in an addendum or specify compliance with 13 CAC 914.7(c) or 934.7(c) or 954.7(c). No winter period plan is needed for cable, helicopter, or balloon yarding.

#### ROADS AND LANDINGS

30. ☒ Yes ☐ No

Will any roads or landings be constructed or reconstructed? If yes, check items 31 through 37 that apply:

31. ☐ Yes ☒ No

Will new roads be wider than single lane with turnouts?

32. ☒ Yes ☐ No

Will any landings exceed the maximum size specified in the rules?

33. ☒ Yes ☐ No

Are logging roads or landings proposed in areas of unstable soils or known slide-prone areas?

34. ☐ Yes ☒ No

Will new roads exceed a grade of 15% or pitches of 20% for distance greater than 500 feet?

35. ☐ Yes ☒ No

Are roads to be constructed, other than crossings, within the watercourse and lake protection zone of a class I or II watercourse?

36. ☐ Yes ☒ No

Will roads or landings longer than 100 feet in length be located on slopes over 65%, or on slopes over 50% which are within 100 feet of the boundary of a watercourse or lake protection zone?

37. ☐ Yes ☒ No

Are exemptions proposed for flagging or otherwise identifying the location of roads to be constructed?

38. If any of items 31 through 37 are answered yes, explain, justify, and give site-specific measures to reduce adverse impacts or, if there is any additional or special information concerning the construction and/or maintenance of roads or landings, if required by the rules. Provide necessary information in an addendum.

#### WATERCOURSE AND LAKE

39. ☒ Yes ☐ No

Are there any watercourses or lakes which contain class I through IV waters on or adjacent to the plan area? If yes, complete items 40 through 50.

40. ☐ Yes ☒ No

Are any in-lieu practices and/or alternative practices proposed for watercourse or lake protection? If yes, explain and justify:

Are any exceptions proposed for the following watercourse and lake protection zone practices? Check items 41 through 48 that apply:

41. ☐ Yes ☒ No

Exclusion of the use of watercourses, marshes, wet meadows, and other wet areas, for landings, roads, or tractor roads?

42. ☐ Yes ☒ No

Retention of non-commercial vegetation bordering and covering meadows and wet areas?

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RESOURCE MANAGEMENT

43. ☐ Yes ☒ No Directional felling of trees within the zone away from the watercourse or lake?
44. ☐ Yes ☒ No Increase or decrease of width(s) of the zone(s)?
45. ☐ Yes ☒ No Protection of watercourses which conduct class IV waters?
46. ☒ Yes ☐ No Exclusion of heavy equipment from the zone?
47. ☒ Yes ☐ No Retention of 50% of the overstory canopy in the zone?
48. ☐ Yes ☒ No Retention of 50% of the understory in the zone?

If any of items 41 through 48 are answered yes, explain and justify if required by the rules and provide necessary information in an addendum.

49. ☒ Yes ☐ No Are residual trees or harvest trees going to be marked within the watercourse or lake protection zone? If no, explain:

50. In an addendum describe the protective measures and zone widths for the watercourse and lake protection zones that are in the plan area.

#### WILDLIFE

51. ☒ Yes ☐ No Are any known rare or endangered species or species of special concern, including key habitat, associated with the THP area? If yes, in an addendum identify the species and the provisions to be taken for protection of the species.
52. ☒ Yes ☐ No Are there any snags which must be felled for fire protection or other reasons? If yes, describe which snags are going to be felled:

ALL SNAGS WITHIN 300 FEET OF MAIN RIDGE TOPS, WITHIN 100 FEET OF ROAD AND LOG

#### LANDINGS

53. ☐ Yes ☒ No Are any other provisions for wildlife protection required by the rules? If yes, describe provisions:

#### CULTURAL RESOURCES

- 54a. ☒ Yes ☐ No Has an archaeological survey been made of the areas to be harvested?
- b. ☒ Yes ☐ No Have the California Archaeological Inventory records been checked for any recorded archaeological or historical sites located in the area to be harvested?
55. ☐ Yes ☒ No Are there any archaeological or historical sites located in the area to be harvested? If yes, describe in an addendum how the sites are to be protected.

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#### HAZARD REDUCTION

56. What type of slash treatment will be used in the fire protection zone?

- 1 ☒ Pile and burn    2 ☒ Lopping    3 ☐ Other: \_\_\_\_\_  
4 ☐ Not applicable no fire protection zone present

57. ☐ Yes ☒ No    If the clearcutting method is used, will broadcast burning be used for site preparation?

58. If piling and burning is to be used for hazard reduction, who will be responsible for compliance?

- 1 ☐ Timber owner    2 ☒ Timber operator    3 ☐ Timberland owner

#### PUBLIC NOTICE

59. ☒ Yes ☐ No    Are there any ownerships within 300 feet of the plan boundary which are owned by persons other than the persons executing this plan? If yes, a list of the names and addresses of the adjacent property owners and a Notice of Intent to Harvest Timber must be included with the plan.

##### ADJACENT LANDOWNERS:

U.S.D.A. FOREST SERVICE, MENDOCINO NATIONAL FOREST,  
420 LOUREL ST., WILLOWS, CA. 95988  
MERVIN LEE, 3662 JACOBY CRK RD, BAYSIDE, CA. 95524

#### PESTS

60. ☒ Yes ☐ No    Are there any adverse insect, disease, or pest problems of significance in the plan area? If yes, describe the mitigation measures, if any, to improve the health and productivity of the stand in an addendum.

#### OTHER INFORMATION

61. Are there any other existing or planned land use activities including but not limited to other THPs in the area of the proposed THP which may combine with the effects of your timber harvesting operation to cause significant adverse cumulative environmental effects? ☐ Yes ☒ No If yes, please describe the other land use(s) and the likely effect as well as any mitigation which would reduce the negative effect in an addendum.

#### ATTACHMENTS

62. Check if the attachments listed are included with the plan:

- 1 ☒ Notice of Stream Bed Alteration to Department of Fish and Game (A copy of this notice is attached to the instructions for your use.)  
2 ☒ Estimated Surface Soil Erosion Hazard Calculations  
3 ☒ Notices of Intent to Harvest Timber and a list of names and addresses of adjacent property owners  
4 ☒ Maps  
5 ☐ Addendum for silviculture information  
6 ☒ Written notice of plan to the timber operator, timberland owner, or timber owner that did not sign the THP

#### REGISTERED PROFESSIONAL FORESTER

63. I have the following authority, responsibilities, and limitation for preparation or administration of the THP and timber operation:

I HAVE THE RESPONSIBILITY FOR PREPARING THE TIMBER HARVEST PLAN AND ADMINISTERING THE TIMBERSALE CONTRACT FOR THE STATE LANDS COMMISSION. THE LICENSED TIMBER OPERATOR WILL BE RESPONSIBLE FOR ASSURING HIS OPERATIONS ARE IN COMPLIANCE WITH THE FOREST PRACTICE ACT.

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RESOURCE MANAGEMENT



64. I have notified the timber owner and the timberland owner, in writing, of their responsibilities for:

- 1 ☒ Yes ☐ No The stocking requirements of the rules  
2 ☒ Yes ☐ No The maintenance of erosion control structures requirements of the rules  
3 ☒ Yes ☐ No The marking requirements contained in the rules

65. ☒ Yes ☐ No I will provide the timber operator with a copy of the approved THP.

66. After considering the rules of the Board of Forestry and the mitigation measures I have proposed I have determined that the timber operation:

☐ will have a significant adverse impact on the environment

☒ will not have a significant adverse impact on the environment.

If the operation will have a significant adverse impact on the environment, in an addendum, explain why any alternatives or additional mitigation measures that would reduce the impact are not feasible.

67. Registered Professional Forester: I certify that I, or my designee, personally inspected the plan area, and the plan complies with the Forest Practice Act and the Forest practice rules.

Signature: \_\_\_\_\_

Date: SEPTEMBER 11, 1990

68.

**CERTIFICATION**

The above conforms to my/our plan and, upon filing, I/we agree to conduct harvesting in accordance therewith. Consent is hereby given to the Director of Forestry, his agents and employees, to enter the premises to inspect timber operations for compliance with the Forest Practice Act and forest practice rules.

Timber Owner: CALIFORNIA STATE LANDS COMMISSION

Signature: Stephen M. Jones

Date: SEPTEMBER 11, 1990

Printed Name: STEPHEN M. JONES

Timberland Owner: CALIFORNIA STATE LANDS COMMISSION

Signature: Stephen M. Jones

Date: SEPTEMBER 11, 1990

Printed Name: STEPHEN M. JONES

Timber Operator: UNKNOWN

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**DIRECTOR OF FORESTRY**

This Timber Harvesting Plan conforms to the rules and regulations of the Board of Forestry and with the Forest Practice Act.

By: Kay Hiltbrach

(Signature)

(Date)

(Printed Name)

10/10/90  
RESOURCE MANAGER  
(Title)

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TIMBER HARVESTING PLAN OR AMENDMENT NUMBER 1-90- ME

NOTICE OF INTENT TO HARVEST TIMBER

A Timber Harvesting Plan or an amendment to an existing plan that may be of interest you has been submitted to the California Department of Forestry for a determination to whether the timber operation described in the plan or amendment complies with State laws and rules. The following briefly describes the timber operation, where and how to obtain more details of the operation, and to whom and by when documents concerning the timber operation should be submitted. Questions about the plan or amendment or the California Forest Practice Act should be made to the following office(s):

- |                                                                                                                                                                            |                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <p><input checked="" type="checkbox"/> California Department of Forestry<br/>135 Ridgeway Avenue<br/>P. O. Box 670<br/>Santa Rosa, California 95402<br/>(707) 576-2275</p> | <p><input type="checkbox"/> California Department of Forestry<br/>6105 Airport Road<br/>Redding, California 96002<br/>(916) 225-2445</p>      |
| <p><input type="checkbox"/> California Department of Forestry<br/>1234 East Shaw Avenue<br/>Fresno, California 93710<br/>(209) 222-3714</p>                                | <p><input type="checkbox"/> California Department of Forestry<br/>2524 Mulberry Street<br/>Riverside, California 92501<br/>(714) 781-4140</p> |

A copy of the plan may be obtained ~~for a fee~~ from the Department of Forestry. The following is a summary of the information contained in the plan or amendment:  
PLEASE REFERENCE THE THP NUMBER LISTED.

1. Plan Submitter: CALIFORNIA STATE LANDS COMMISSION
2. Timberland Owner: CALIFORNIA STATE LANDS COMMISSION
3. Location of the plan area (county, section, township and range, and approximate direction and distance to the plan area from the nearest community or well-known landmark):  
MENDOCINO COUNTY, SECTIONS 4 & 9, T 23N, R 11W, MDN. PLAN AREA: FROM HAM PASS SOUTH 2 MILES
4. Name of nearest perennial stream flowing through or downstream from plan area:  
SECTION 4: WILLIAMS CREEK, SECTION 9: EEL RIVER
5. Acres on plan: 175
6. Proposed harvesting method or treatment: SHELTERWOOD REMOVAL STEP AND SELECTION  
YARDING SYSTEM: TRACTOR.
7. The earliest estimated date for the Director's determination on the plan is October 3, 1990 (this is 19 days from the date of receipt of the plan by the Department). Check with the Department for the filing date, dates of Review Team Meetings, the end of comment period and the decision date.

ADJACENT LAND OWNERS:

U.S.D.A. FOREST SERVICE, MENDOCINO NATIONAL FOREST,  
420 LOUREL ST., WILLOWS, CA. 95988  
MERVIE LEE, 3662 JACOBY CREEK RD, BAYSIDE, CA. 95524

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RESOURCE

HAM PASS  
ADDENDUM

3. The name of the timber operator will be provided after the sale has been awarded.

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RESOURCE MANAGEMENT

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GEOLOGICAL REVIEW

Addendum item #22

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HAM PASS  
ADDENDUM

22. Two Geologic reports on the northwest 1/4 of section 4 are included in this addendum and are to be considered a part of this THP. The two reports are:

GEOLOGIC REVIEW OF A PORTION OF LAND PROPOSED FOR TIMBER HARVEST by Charles F. Armstrong, Department of Conservation, Division of Mines and Geology, Santa Rosa

Environmental Assessment for a Proposed Timber Sale by John Brooks, Geologist and Robert Faust, Hydrologist, U.S. Forest Service, Covelo Ranger District

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RESOURCE MANAGEMENT

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State of California

The Resources A

## Memorandum

To Robert J. Shiner, Chief Forester  
State Lands Commission  
1807 13th Street  
Sacramento, CA 95814

Date - August 22, 1983

File 23171

From Department of Conservation  
Division of Mines and Geology  
P.O. Box 470, Santa Rosa 95402

Subject: GEOLOGIC REVIEW OF A PORTION OF LAND PROPOSED FOR TIMBER HARVEST

Inspection Date: 7/17/83

Participants - Affiliation:

Time spent on review:

Doug Miller, SLC

Field, 2 Office, 1 Travel

Richard Dixon, SLC

County: Mendocino

Chuck Armstrong, USFS

Quadrangle: Covelo 15'

Watershed: Williams Creek

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REGION 1

Logging System: Tractor

SEP 14 1990

Silvicultural System: Undetermined at this time.

RESOURCE MANAGEMENT

Slopes: Steep (75 to 78%) slopes and nearly flat benches

Map: 1:25,000

Township	Range	Section
23 N	11 W	1

Geologic Concerns:

New Road Construction

Landings

Timbering

Remarks:

Shiner, R. J., 1979, Covelo 15' quadrangle, California Department of Forestry  
Title II Geologic Data Compilation Project, Unpublished, scale: 1:62,500

Geologic Description

The area is underlain by undifferentiated rocks of the Central Belt  
of the Coast Range (Cushman, 1979). Meta-sandstone, slate, and quartzite  
are observed in the field.

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Mr. Shimer  
Proposed Timber Harvest on State Lands  
Geologic Review

August 22, 1982  
Page 2

### Geologic Conditions (cont.)

**Landslides:** There are three landslides, each of different age, which were observed.

- A. This is an ancient rotational slide/slump about 40 acres in size. At least two distinct episodes of movement are evident. The first, which may have been pre-Holocene, resulted in a large, thick, bench-like deposit of loose landslide debris which was subsequently deeply dissected by erosion. Efficient, V-shaped draws evolved which drained through the landslide area. A later episode of movement disrupted and terminated most of these draws by rotational movement and slumping. This last episode was clearly Holocene in age, as most of the draws are still disrupted or terminated. There are many deep, closed depressions, sag ponds, or draws ending in flats, where little or no surficial drainage occurs. Subsequent to the last episode of movement, a mature stand of timber containing Douglas-fir, sugar pine, and Incense Cedar has grown without any apparent signs of disturbance.
- B. This smaller landslide/slump of 1-2 acres in size is within the larger slide "A." It has occurred subsequent to the softwood timber stand and has resulted in a grove of nearly all oak re-establishing the ground. There are no recent signs of ground movement.
- C. This is a small (less than an acre) landslide/slump which occurred this winter (1982-83). At least three tilted or fallen fir trees were observed. There are fissures, scarps, and broken ground.

### RECOMMENDATIONS

**Landslides A and B:**

Roads and skid trails should be constructed with as little cut and fill as possible. Skid trails particularly should be laid-out where little or no blademwork is necessary. Runoff should drain efficiently from all roads and skid trails by out-sloping, waterbars, and rolling dips. Inside ditches, inslopes and berms should be avoided on roads.

Landings should be built with as little excavation as possible - particularly cutting. Closed depressions may be filled if needed. Landings should be drained efficiently on completion.

Runoff from roads, trails and landings should not be directed into areas which do not drain, such as sag ponds or other closed depressions.

Furthermore, the stability of this area can be generally improved if sag ponds, closed depressions and flats are drained. A small bulldozer or backhoe could cut channels after the operation.

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Mr. Shimer  
Proposed Timber Harvest on State Lands  
Geologic Review

August 22, 1993  
Page 3

Recommendations (cont.)

Landslide C:

Down and leaning timber can be removed from this area without further excavation.

CONCLUSION:

A light cut of timber can probably be harvested from the area described without significant negative impact on slope stability. A heavy cutting (anything approaching a clear-cut) might have a negative affect on slope stability by increasing the soil moisture as a result of reduced transpiration. Slope stability could actually be increased if drainage to closed depressions, swamps and flats is improved.

*Charles F. Armstrong*  
CHARLES F. ARMSTRONG  
Santa Rosa

Reviewed by:

Date Trinda L. Hedrossian, CEG 1964  
Senior Geologist and Program Manager

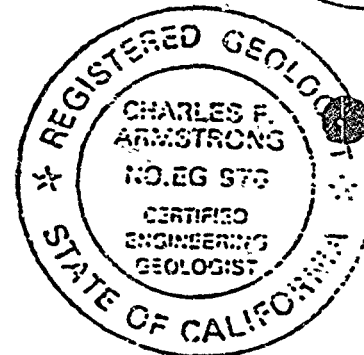
Approved by:

Date Robert H. Sydnor, CEG 958  
District Geologist

Map Attached

cc: (Unapproved) T. Hedrossian

CFA/dg

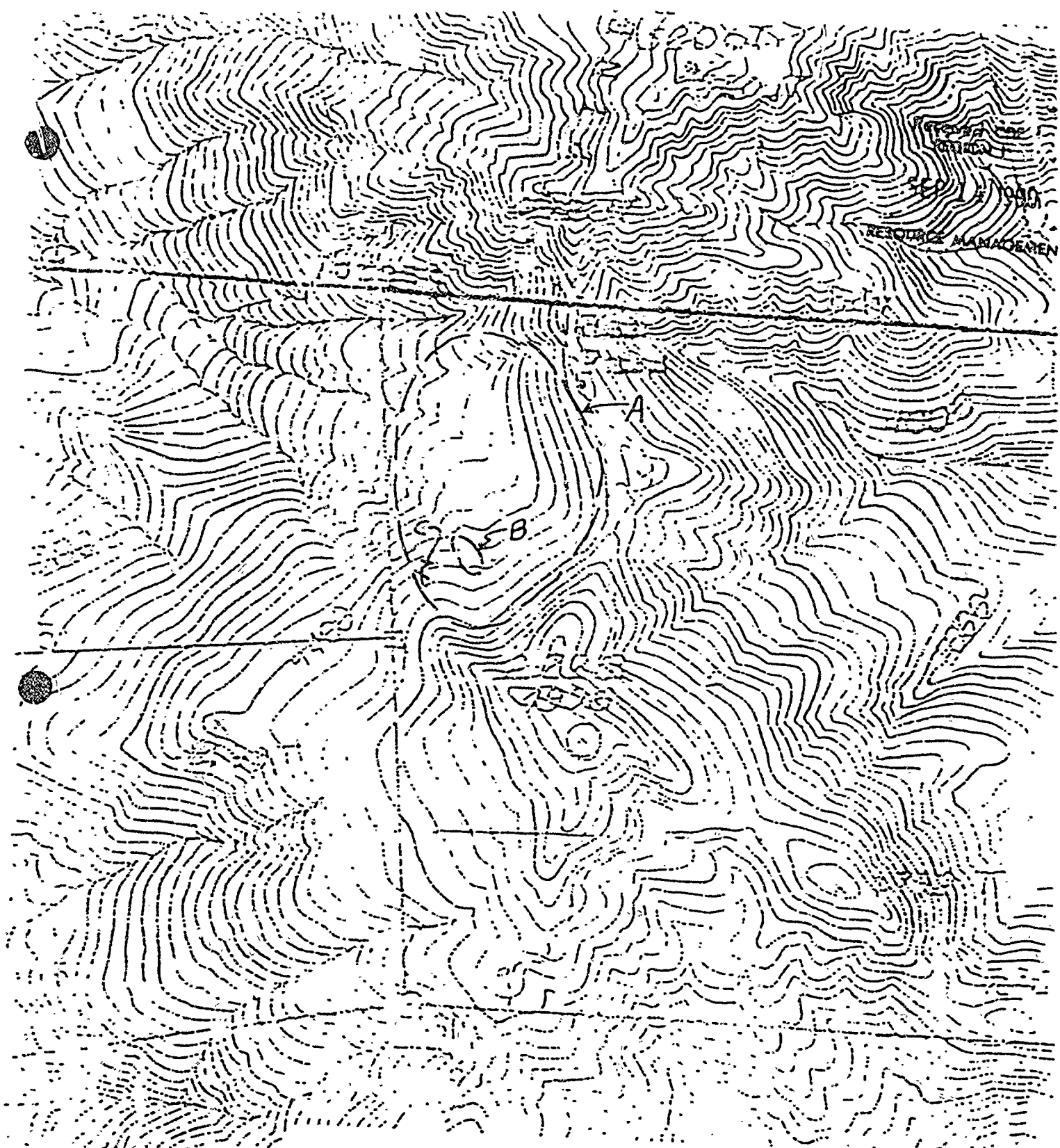


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Map to Accompany Geologic Map  
Proposed Timber Harvest: N. P. Armstrong  
2/17/83

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Addendum item #22

HEUDOCINO  
NATIONAL  
FOREST

UNITED STATES  
DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

COVELO RANGER DISTRICT  
78150 COVELO RD.  
COVELO CA. 95428

REPLY TO: 3000

DATE: 07/19/85

RW 23181

Mr. Stephen M. Jones  
State Lands Commission  
1807 13th Street  
Sacramento, CA 95814

Dear Mr. Jones:

The input to your Environmental Assessment for a Proposed Timber Sale in the Han's Pass area has been sent to me. This input is from Geologist John Brooks and Hydrologist Robert Faust.

I am forwarding the information to you and trust it will be useful in your assessment.

Sincerely,

*Charles L. McFadin*  
CHARLES L. MCFADIN  
DISTRICT RANGER

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JUL 21 1985





UNITED STATES  
DEPARTMENT OF  
AGRICULTURE

FOREST  
SERVICE

MENDOCINO N.F.

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SEP 11 1985

RESOURCE MANAGEMENT

REPLY TO: 3000 State and Private Forestry

DATE: June 28, 1985

SUBJECT: Ham's Pass Timber Harvesting

TO: District Ranger, Covelo

A portion of lands owned by the State Lands Commission in Section 4, T.23 N., R.11 W., in the vicinity of Unit 32 of the Ham's Pass Management Unit were examined for land stability. Prior to field examination, air photo mapping of the area was done to map active and dormant landslides. Photography for the years 1974, 1979 and 1984 were compared to determine if new landslides had occurred as a result of management activities or natural events.

#### Geology

Numerous dormant landslides were mapped (see enclosed map) in both the unlogged as well as the previously logged area in addition to active landslides in both of the areas. The 1984 aerial photographs showed several active landslides not visible on earlier photographs. However, these may have been observed partly because of the larger, 1:12,000 scale photography of the 1984 photographs. These landslides did not appear to be related to prior logging activity although some may have been due to road construction.

Several areas were then examined on the ground to verify the air photo mapping, and compare the logged versus the unlogged areas to determine if landsliding had initiated or been accelerated as a result of timber harvesting. The areas which were examined on the ground verified that the aerial photo mapping was correct, however, additional problems were noted on the ground which were not noticed on the aerial photographs.

One noticeable area of instability which is of great importance to timber management is the area along the western edge of Section 4. The road there crosses a large slide that extends both uphill and downhill from the road at approximately 4400 feet elevation. This slide, approximately 100 feet wide trends SE-NW 135-325 degrees and extends outside the harvest boundary downhill and over 1000 feet uphill. North of this road the ground is hummocky with numerous closed depressions which store water in ponds during wet periods and recharge the groundwater. Large deep gullies occur within the area mapped from aerial photos as multiple nested landslides. Some of these gullies developed from a swale over a short distance and may be the result of stream flows over disrupted, easily erodible landslide material.

The area immediately to the south was also mapped as a dormant landslide on all photographs. This area which was logged previously to 1974 was compared to the unlogged area. The ground, even when undisturbed by logged or slid

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## RESOURCE MANAGEMENT

trail construction, appeared rockier over much of the area. Much of this rock was graywacke sandstone. Even though this area was previously logged, there was little evidence that logging accelerated or rejuvenated mass wasting.

North of the spur road in the area proposed to be harvested a large boulder strewn stream channel occurs at the area marked "B". The origin of the large boulders was not determined but could be the result of faulting or an unstable area uphill from the site.

Recommendations

The area noted as an active landslide in the SW1/4 NW1/4, Section 4, T.23 N. R.11 W., should not be harvested for a hundred feet on either side of the center line of the landslide. This width of non-harvesting will give root support to the margin of the slide as well as assisting in reducing ground water table by transpiration.

The timber has already been marked within the area and several trees that have been marked are providing bank support and stability in an easily erodible area. A hydrologist or geologist should be allowed to paint over the marked trees to preserve stability and maintain erosion at an acceptable level.

A proposed logging access road departs from the spur road at about 4400 feet elevation. About the marked location (A) the road will cut into a steep scarp. Any cutting into the hillside at this point will probably initiate renewed mass wasting. The road should either be filled at this point or the road should be relocated below this critical point.

Examination of the harvested area indicated a poor restocking. The area proposed for harvesting at this time should be restocked immediately after harvesting to allow the roots to provide maximum support to the unstable soils which appear more erodible than the area immediately to the south which has rockier soils.

Hydrology

The proposed timber sale is in a subwatershed of Williams Creek, which is tributary to Middle Fork Eel River. The channel below proposed Unit 32 is extremely unstable and flows through highly erosive landslide material.

The channels within the proposed unit are intermittent and vary from a few feet to 30 feet deep. Stream bank slope is in the range 70% to 90% with some bank cutting. The channels and slides are fragile areas especially at the lower end of the unit near the property line.

In the proposed unit, trees are marked with blue paint. It was assumed that these were the trees to be harvested since they were the over mature trees. A younger stand of poles and sawtimber exists under the overstory.

With the existing light tree mark, damage to the channels is probable. However, by not harvesting the marked trees along the channels, plus the area above the property boundary, plus good skid trail management, damage to the channels would be small.

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The proposed access route into the unit was walked. The route is satisfactory once it gets part way into the unit as it stays on flats and has reasonable stream crossings. Where the road begins in the white oak patch and continues into the conifers, the slopes are not stable and there is a crossing on an unstable small stream. It is expected that the initial part of the road would fail within a few years.

Recommendations

1. Find a new road route into the unit that would miss unstable areas.
2. Delete the trees for cutting that are along the streams plus the steep area above the property line.
3. Allow for extra erosion lining to keep ground disturbance to a minimum.
4. Control falling to keep residual stand.
5. Remove culverts after logging to prevent, in case of a slide occurring in the channel upstream of the crossing.

*[Signature]*  
JOHN BROOKS  
Geologist

*[Signature]*  
ROBERT FAUST  
Hydrologist

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REGION I

SEP 14 1990

RESOURCE MANAGEMENT

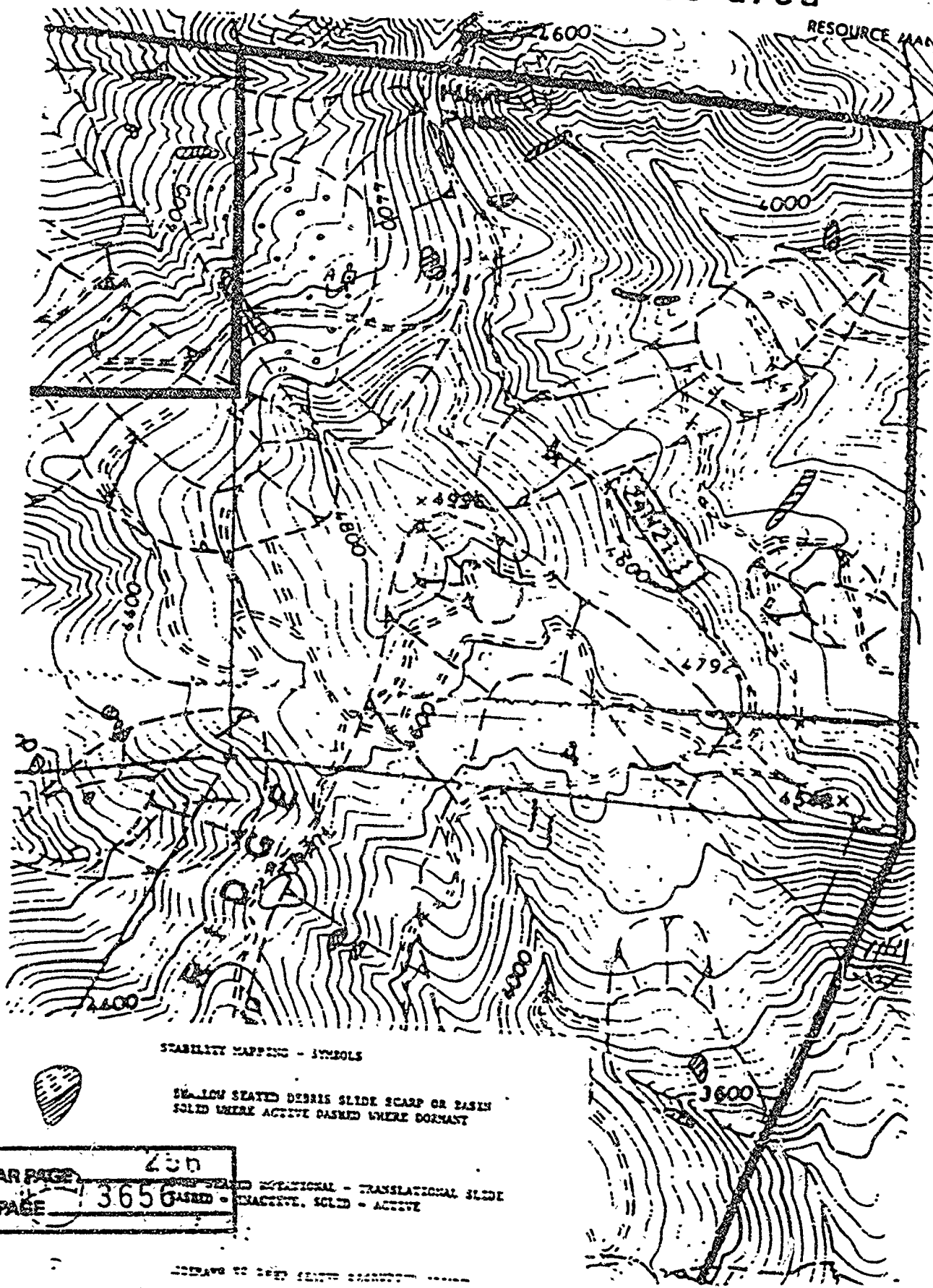


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# Landslide Map Ham Pass area

SEP 14 1988

RESOURCE MANAGEMENT



STABILITY MAPPING - SYMBOLS

SHALLOW SEATED DEBRIS SLIDE SCARP OR BASIN  
SOLID WHERE ACTIVE DASHED WHERE DORMANT

CALENDAR PAGE 230  
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ADAPTED TO 2500 FEET SCALE



4AM'S PASS

6126185

stream ch



Cuentas de

HAM PASS  
ADDENDUM

29. Timber Operations, Winter Period will comply with 14 California Code of Regulations 934.7(c):
- 1) Tractor yarding or the use of tractors of constructing layouts, firebreaks or other tractor roads shall be done only during dry, rainless periods where soils are not saturated.
  - 2) Erosion control structures shall be installed on all constructed skid trails and tractor roads prior to the end of the day if the U.S. Weather Service forecast is a "chance" (30 percent or more) of rain before the next day, and prior to weekend or other shutdown periods.
32. There are existing helicopter landings of up to three acres in size scattered over the timber sale, these landings will be used again on this sale. At the completion of operations the over sized landings will be ripped and then planted with conifer seedlings. All new landings constructed under this THP will be no larger than 1/2 acre. (see site preparation addendum map for locations of over sized landings)
33. An existing logging road in the NW1/4 of Section 4 that was built across an unstable area will be used for harvesting operations. No reconstruction is planned on this road, it will be bladed in order to make it usable for harvesting and hauling operations. It is currently being used by the adjacent landowner in conjunction with THP 1-88-470 MEN.
46. Heavy equipment will be in the WLPZ at the 5 stream crossings. At stream crossing SC-e there is an existing skid trail within the WLPZ. This skid trail will be used again. Not using this existing skid trail would necessitate construction of a new skid trail, which would displace a greater amount of soil and debris causing unnecessary soil loss, and cause increased siltation to the watercourse thus reducing water quality. Using this existing skid trail will result in less adverse impact to water quality when compared to building a new skid trail. (See attached "stream crossings" map)

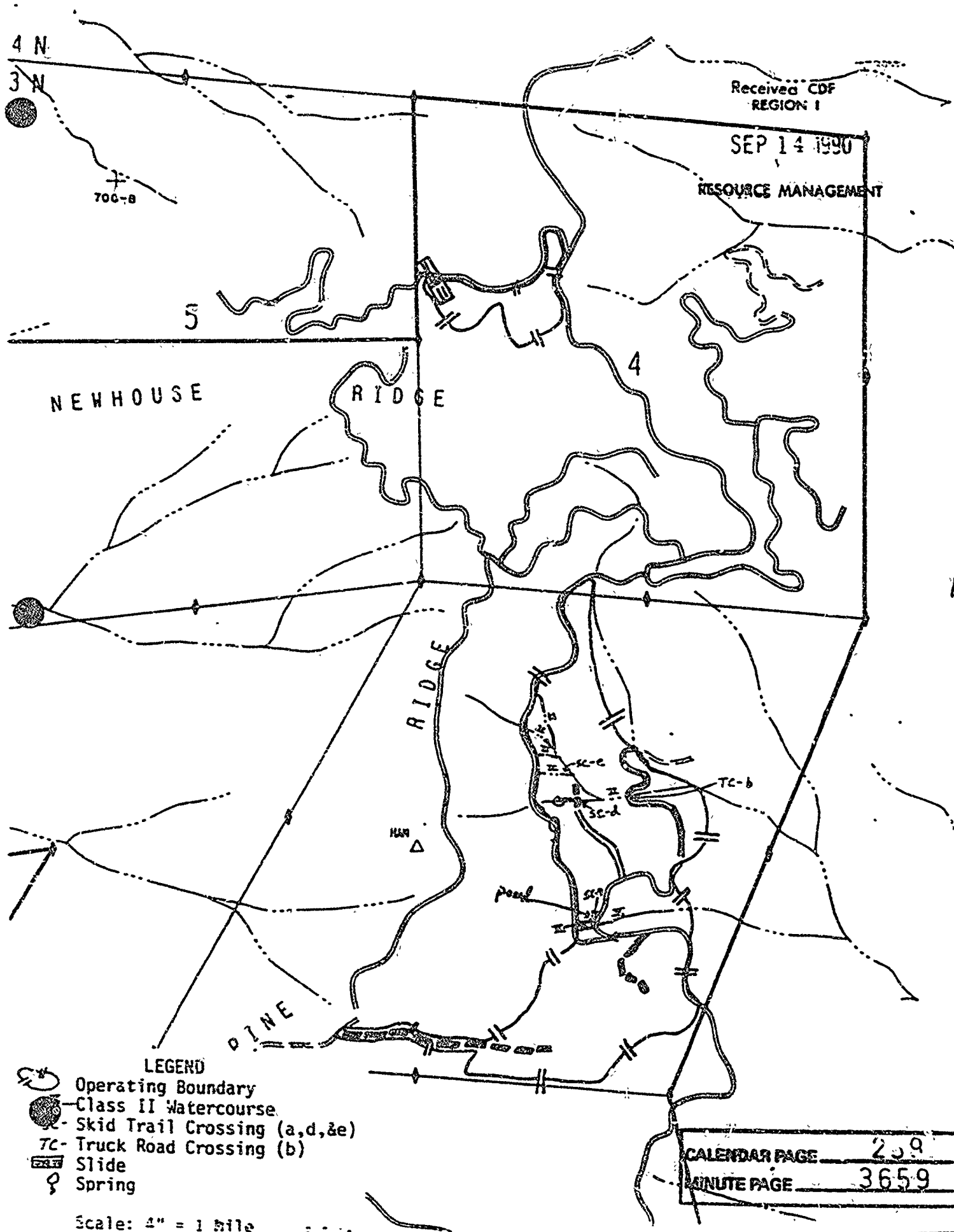
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RESOURCE MANAGEMENT

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# STREAM CROSSINGS



HAM PASS  
Addendum item #47

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RESOURCE MANAGEMENT

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HAM PASS ADDENDUM  
Addendum item #47

47. Along the WLPZ at the stream crossing marked B the decadent overmature timber in the over story will be removed. DFG Biologist Wooster said this timber made up only 5 percent of the canopy protecting the stream and could be removed. (see attached memo)

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SEP 14 1990

RESOURCE MANAGEMENT

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Addendum item #47

May 22, 1990  
file: W23181

Memo to the file: Ham Pass 1990 Timber Sale

I accompanied Fish & Games Wildlife Biologist Ted Wooster to hoot for Spotted Owls on SLC's ownership in Sections 8 & 9 on May 17, 1990. In the [redacted] [redacted] [redacted] [redacted] a pair of Owls were located. We searched, to no avail, the area around where the female owl was roosting for a nest. At the end of this month Wooster and I are going to return to the location where we spotted the owls and again try and locate the nest. The mitigation he will probably recommend will be up to a 100 yard buffer around the nesting tree.

I also talked to him about the stream crossings in Section 9. He concurred with the Humbolt crossing above the water hole, (Marked A on attached Map). He said to put plastic over the logs before covering them with dirt. On the second stream crossing, (marked B), he had no problem with a backhoe digging out in front of the existing culvert, if it meets 50 years flood requirements, to redirect the water back into said culvert and dropping the road bed in order to cover the culvert. On the 3rd crossing, (Marked C), he has no problem with either a Humbolt Crossing or moving the existing culvert in the stream channel and lowering the road. The 4th crossing, marked D, he had no problem with a Humbolt crossing with plastic covering the logs before the application of soil.

I asked him his opinion on the need to preserve the over mature timber in the SLPZ up and down stream from the crossing marked B. He said these trees made up only 5% of the canopy protecting the stream and he had no problem with their being harvested. He did ask that those trees obviously cull be left along with the snags.

Wade McDonald  
Forester I

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REGION I

cc: Ted Wooster

SEP 14 1990

RESOURCE MANAGEMENT

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HAM PASS ADDENDUM  
Addendum item #50

50. All Class II watercourses within the plan area will meet the following minimum requirements, which are spelled out in 14 CCR 936.5.:
- a) Watercourse and Lake protection zones are clearly marked on the ground with BLUE flagging.
  - b) All trees to be harvested within the WLPZ's are marked with blue paint.
  - c) At least 50% of the overstory canopy shading the watercourse and/or 50% of the understory vegetation present before timber operations, will be left standing and well distributed within the watercourse and stream protection zone.
  - d) On slopes of 30% or less the minimum width of protection will be 50 feet.
  - e) On slopes of 30-50% the minimum width of the protection zone will be 50 feet.
  - f) On slopes of 50-70% the minimum width of the protection zone will be 100 feet.
  - g) On slopes greater than 70% the minimum width of the protection zone will be 150 feet.

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RESOURCE MANAGEMENT

DEPARTMENT OF FISH AND GAME  
REVIEW & RECOMMENDATIONS FOR SPOTTED OWLS  
ON SLC HAM PASS OWNERSHIP  
Addendum item # 51

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HAM PASS ADDENDUM  
addendum item #51

51.

A survey of spotted owls was done on the proposed harvest area on May 17, June 8, & July 17 & 18, 1990 by Ted Wooster of the Department of Fish and Game, his report is attached and made a part of this THP. Four owls were located [REDACTED] [REDACTED]. The area where they're located was originally proposed for logging, but when they were found I felt it was appropriate at this time to exclude 50 acres from this plan, whereas DFG Biologist Wooster requested only fifteen acres be excluded. (see attachments)

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## Memorandum

To : Ham Pass Road, Covelo  
State Lands Commission Lands Files  
Wade McDonald, RPF

Date : July 26, 1990

Received CDF  
REGION I

SEP 14 1990

From : Department of Fish and Game

RESOURCE MANAGEMENT

Subject: Review and Recommendation for Spotted Owls Located on and in the Vicinity  
of State Lands Commission Lands at Ham Pass Road, Covelo, Mendocino County  
T23N, R11W, Sections 4 and 9

On May 17, 1990, I was asked by Wade McDonald, RPF, to examine Areas 19A, 19B, 19C, 19D, 19E, and 32 (Figure 1) for spotted owls. In addition, I surveyed adjoining lands.

One pair of spotted owls was located in ~~XXXXXX~~ (Figure 2) (Tables 1 and 2). In addition, one male spotted owl was located 1.2 miles to the northeast of this pair (Figure 3) (Table 2). On May 18, an additional one year old female was located where the pair was located the day before. No birds were found in Areas 19A-E (Tables 1, 2, and 3).

~~XXXXXX~~ consists of a never-cut stand of Douglas fir ranging from a few scattered smaller Douglas firs in the understory and all large live and dead Douglas fir in the overstory (21" to 61" dbh) (Appendices 1-3). Overstory crown closure is plus/minus 60 percent except where there are large dead Douglas fir. Additional information is contained in my notes of July 17 and 18, 1990 (Appendix 4).

Based on my experience with these birds on four different days, I suspect there are two adults and one subadult located in the "bowl." There are numerous broken topped Douglas fir in the bowl. These dead and/or dying old fir also have cavities. It is my best professional judgment that the principal roosting and nesting area for these birds is in ~~XXXXXX~~. In order to ensure no take of these birds, I recommend an area, as noted in Figure 2, be set aside, and no trees be cut or roads constructed within this designated area. This area is approximately 15 acres. Harvesting of trees in ~~XXXXXX~~ would not significantly affect the feeding, roosting, or nesting needs of these spotted owls. These operations are assumed, however, to be of a silviculture that will result in maintenance of perch trees throughout the area harvested.

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Addendum item #51

Ham Pass Road, Covalo  
State Lands Commission Lands File  
Wade McDonald, RPF

-2-

July 26, 1990

In addition to these spotted owls, an additional spotted owl site and further clarification of the location of the owl located to the north along Ham Pass Road on May 17, 1990 was obtained (Tables 4, 5, and 6).

Please contact me for further information on what additional information is needed before your file a THP.



Theodore Wooster  
Environmental Services Supervisor  
Region 3

TW/dcf

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REGION I

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RESOURCE MANAGEMENT

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THP # \_\_\_\_\_

ASSIGN # \_\_\_\_\_

California Department of Fish and Game  
Spotted Owl Plan Review Checklist/Worksheet

A. Spotted Owl Plan Name (if any) North Pass Timber Sale  
 Plan Submitter Wade Mc Donald Watershed and Tributaries Eel System  
 Township 23 N Range 11 W Section 44 9 County Merced  
 Date Received 5/17/90  
 Date of Document Owl Plan Review 8/23/90  
 Dates of Field Inspection 5/17/90 6/7/90 7/18/90 7/17/90  
 Review team members, Name and Organization Theodore W. Waples, C.F. + G. +  
Wade Mc Donald, RPF State Lands Commission

A1. Document Review

Check whether the plan content was:

- |                                                                                                                                                                   | <u>Adequate?</u>                    | <u>Grading Date?</u>     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|
| a. Map of Habitat Types                                                                                                                                           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Map Feasibility                                                                                                                                                | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. Map Content for Key Components<br>(potential or actual nesting, feeding, roosting)                                                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. Map and Plan Content for Proposed Operations<br>(haul, cable, tractor roads and landings, project<br>scheduling, site preparation, preproject<br>descriptions) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e. Description of Probable Project Results<br>(stress per acre, stem size and age, canopy<br>closure, understory, ground disturbance,<br>species composition)     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f. Data Base Information<br>(e.g., USFS, CDF, BLM, Private) <u>C.F. + G.</u>                                                                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g. Calling Response Results and Dates                                                                                                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| h. Known Owl Nest Sites and Roost Areas<br>(on & off site within one mile of plan perimeter)                                                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| i. Aerial Photos                                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

\* Describe Briefly On Page Back Why Inadequate

725 - SCRC/M - 7/90

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 REGION I

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Addendum item #51

-2-

PLAN NAME Horn Point Tanager Lake

THP# \_\_\_\_\_

ASSTION # \_\_\_\_\_

A2. Field Review

- Was the review route adequate?
- Were calls detected?  
(if appropriate, fill in  
spotted owl information forms)
- Map accurate?  
(If no describe on back page,  
note changes on map)

Yes/Date	No
<input checked="" type="checkbox"/> Several dates (see notes)	_____
<input checked="" type="checkbox"/>	_____
<input checked="" type="checkbox"/>	_____

2. Project Evaluation

- Will timber operation significantly  
disrupt or impair:

- Local movement (on site and within  
1/2 mile)
- Dispersal opportunities (within  
1 mile of known calls)
- Prey base (within 1/2 mile of known  
calls)
- Foraging habitat
- Roosting structure
- Roosting behavior
- Nesting structure
- Nesting behavior
- Microclimate (on site, short or long  
term)
- Other (e.g., predation, exposure to  
storms)

Yes	No	N/A	Unknown
_____	<input checked="" type="checkbox"/>	_____	_____
_____	<input checked="" type="checkbox"/>	_____	_____
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a. Describe Change On Page Back

- Is this a spotted owl area plan which may result in more than one THP, and is a map  
attached which adequately describes each proposed THP area? Yes

726 - SOPAC/M - 7/90

CALENDAR PAGE 270  
MINUTE PAGE 3670

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REGION I

SEP 14 1990

RESOURCE MANAGEMENT

-3-

PLAN NAME From Pass Timber Sale

THP # \_\_\_\_\_

ASSIGN# \_\_\_\_\_

21. I have reviewed the proposed timber operations and spotted owl information and
- <sup>FW</sup> ~~have/has~~ completed a site specific review. The information provided is
  - <sup>FW</sup> ~~sufficient/adequate~~ for me to complete my evaluation. The information provided and my observations • <sup>FW</sup> ~~lead me to conclude that~~ lead me to conclude that the proposed operations • <sup>FW</sup> ~~will not~~ likely result in take to the Northern Spotted Owl as described in the Federal Endangered Species Act and the Forest Practice Rules.
- (\* Cross out inappropriate decision and initial above appropriate choice).

Name of Reviewer

Theodore W. Wood

Signature

Theodore W. Wood

Date

August 24, 1990

Copies to:

☒ RFF

☒ CDF

☒ DFG HQ Coordinator (Original)

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REGION 1

SEP 14 1990

RESOURCE MANAGEMENT

726 - 8077C/M - 7/90

Four 50's have been located on 100 acres of ~~pine~~  
Douglas Fir Forest. I recommended a set aside of 15 acres.  
See July 26, 1990 notes. The set aside eliminates the ~~main~~  
road to the area, therefore the Forester has chosen the  
- remove the 50 acre piece from the Harvest Plan.  
In addition to these 4 acres, two additional 50 acres have  
been located at mile 2.0 and mile 4.5 mile, north of junction  
along Hoon Pass Road on USFS lands.

CALENDAR PAGE	271
MINUTE PAGE	3671

ARCHEOLOGICAL REVIEW  
Addendum item # 54a & 54b

CALENDAR PAGE 212  
MINUTE PAGE 3672

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• RESOURCE MANAGEMENT



# HAM PASS ADDENDUM

54a. Three cultural resources surveys have been made on the ownership and nothing was found. The reports are:

- i. A Preliminary Archaeological Survey of the Ham Pass Sale, by Pamela Roberts for the U.S. Bureau of Land Management, 1974.
- ii. Class III Inventory of Northwestern Timber tracts, by Levulett, Ruhstaller and Bell, for the U.S. Bureau of Land Management, 1980.
- iii. Leroy F. Weed, Senior Boundary Determination Officer, for the California State Lands Commission, 1983.

See attached Memorandum dated October 21, 1983 with attached map showing areas surveyed.

54b. A California Archaeological Inventory records search was done in 1990. (see attached)

Received CDF  
REGION I

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RESOURCE MANAGEMENT

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State of California

State Lands Commission

## Memorandum

To : ROBERT SHIMER  
Chief Forester

Date : October 21, 1983

File No. : W 23181

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

Subject : Ham Pass Area Cultural Resources Survey

1. During the week of September 26, 1983 I made a cultural resources survey of the Ham Pass area and found no significant cultural resources. Two previous archeological reports give the background of the area and, although the most likely area for sites was surveyed, they found nothing. The reports are:
  - a) A Preliminary Archaeological Survey of the Ham Pass Timber Sale, by Pamela Roberts for the U.S. Bureau of Land Management, 1974.
  - b) Class III Inventory of Northwestern Timber Tracts, by Levulett, Ruhstaller and Bell, for the U.S. Bureau of Land Management, 1980.
2. The attached map shows the areas covered by the surveys.

*Leroy F. Weed*  
LEROY F. WEED  
Senior Boundary  
Determination Officer

LFW:bk

Attachment

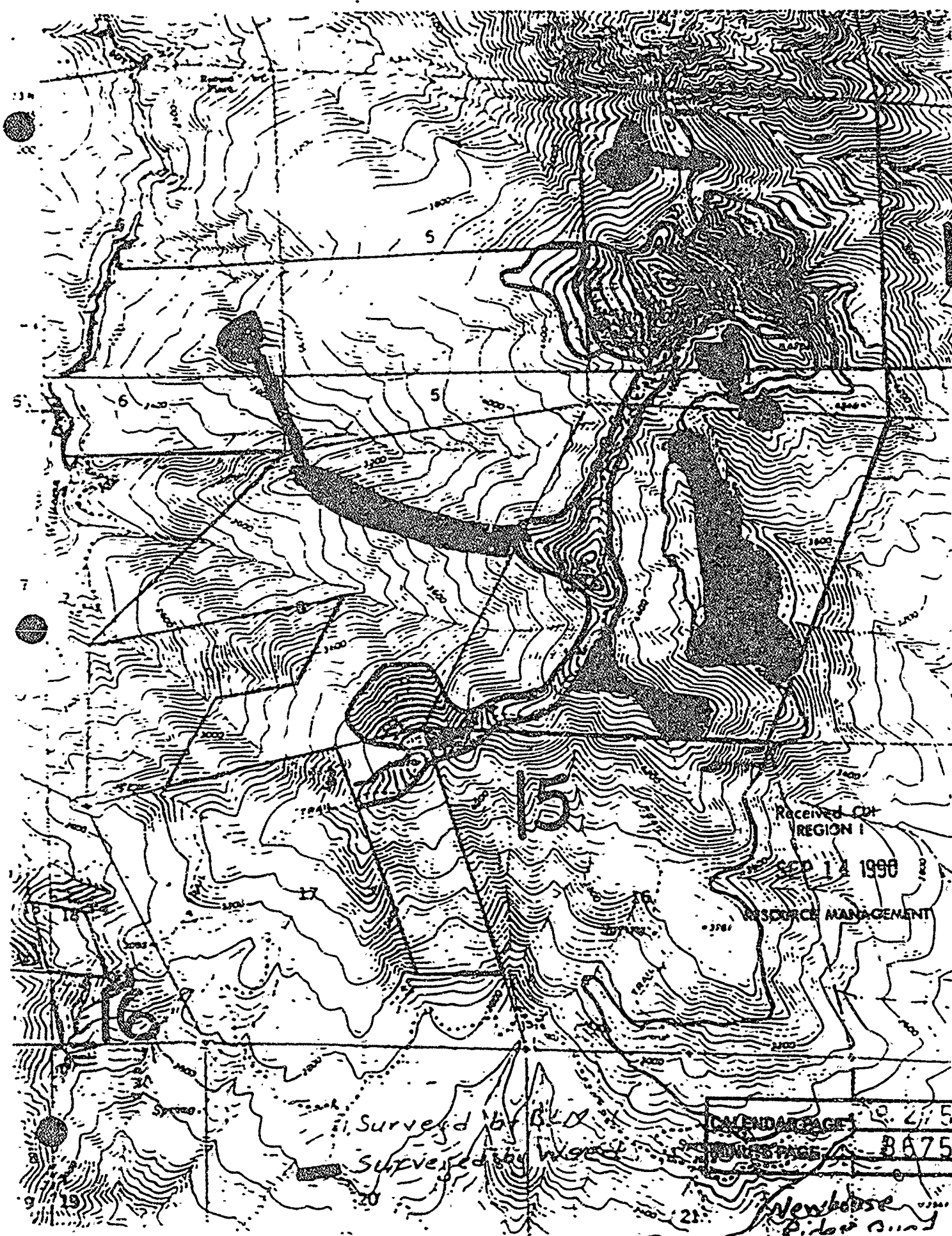
cc: Robert Lynch

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Received CDF  
REGION I

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RESOURCE MANAGEMENT



California  
Archaeological  
Inventory



Addendum item #54b

ALAMEDA  
COLUSA  
CONTRA COSTA  
DEL NORTE  
HUMBOLDT  
LAKE

MARIEN  
MENDOCINO  
MONTEREY  
NAPA  
SAN BENITO  
SAN FRANCISCO

SAN MATEO  
SANTA CLARA  
SANTA CRUZ  
SOLANO  
SONOMA  
YOLO

Northwest Information Center  
Department of Anthropology  
Sonoma State University  
Rohnert Park, California 94926  
(707) 634-2434

April 18, 1990

File No: 90-THP-170

Wade McDonald  
1807 13th Street  
Sacramento, CA 95814

Re: Ham Pass 1990 Timber sale; T23N/R11W, Section 4 & 9, New House Ridge and Leech Lake Mtn 7.5' quads, Mendocino County.

Mr. McDonald:

Per your request, an archaeological records search for the above referenced project was conducted by reviewing the State of California Office of Historic Preservation archaeological maps and records of Mendocino County, and literature on file at this office.

**PREHISTORIC RESOURCES:** No recorded prehistoric archaeological sites are within or adjacent to this project. Prehistoric archaeological sites in this area are located along perennial water courses at vegetation ecotones, and along major ridge systems. The project area does not contain these environmental features, consequently, there is a low likelihood of unrecorded prehistoric archaeological sites.

**HISTORIC RESOURCES:** There are no previously recorded historical archaeological sites within or adjacent to this project. Review of historical literature and maps indicated no historical archaeological sites.

**PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS:** All of the project area in section 4 has been surveyed: S-2542.

**LITERATURE REVIEW:** Review of the following literature and maps indicated no unrecorded cultural resources: National Register of Historic Places; California Inventory of Historic Resources; California Historical Landmarks; Historic Spots in California; California Place Names; Point of Historical Interest Log; General Land Office plats; Handbook of North American Indians, Volume 8; California; Handbook of the Indians of California; No other references were consulted.

Received CDF  
REGION I

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RESOURCE MANAGEMENT



Wade McDonald  
90-TRP-170

Page 2

RECOMMENDATIONS:

Due to the low likelihood of unrecorded prehistoric archaeological sites, and the lack of historical evidence within the literature, no archaeological field inspection is recommended. If, however, any cultural remains are discovered, work in the immediate vicinity should be halted and all finds reported to Dan Foster, CDF archaeologist (916-322-0171).

Sincerely,  
  
Jeff Rosenthal  
TRP Review Coordinator

cc: Dan Foster, CDF Archaeologist  
Thomas Osopowich, Region I  
Ukiah Resource Management

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Received CDF  
REGION I

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RESOURCE MANAGEMENT

HAM PASS ADDENDUM

60. Armillaria mellea, Polyporus abaxus, Polyporus schweinitzii, Fomes annosus, Fomes pini, and Dwarf mistletoe have all been identified in the stand. Trees identified as being infected with the above have been marked for removal. These diseases are endemic and no additional mitigating measures will be necessary to improve the health of the stand other than removing trees skinned up during logging operations.

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Received CDF  
REGION I

SEP 14 1990

RESOURCE MANAGEMENT

Addendum to THP  
item #62

STREAM BED ALTERATION PERMIT, item #62.1

EROSION HAZARD RATING, item #62.2

Received CDF  
REGION I

SEP 14 1990

RESOURCE MANAGEMENT	
CALENDAR PAGE	279
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Addendum item 62.1  
DEPARTMENT OF FISH AND GAME  
Notification of Proposed Removal of Materials and/or  
Alteration of Lake, River, or Streambed Bottom or Bank  
RM-63B (10/83) (Pursuant to Sections 1603-1606, Fish and Game Code)

The following information that accompanies the Timber Harvesting Plan is not a part of the Timber Harvesting Plan to be enforced by the Department of Forestry. Such information is given only for convenience in providing notice to the Department of Fish and Game as required by Sections 1603 and 1606 of the Fish and Game Code of proposed timber operations that will substantially divert, obstruct, or change the flow or bed of any river, stream, or lake. If the proposed timber operations in the Timber Harvesting Plan area do not involve any such disturbance to rivers, streams, or lakes, this attachment should be left blank. If at a later date it is decided that operations will involve disturbances to rivers, streams, or lakes, a separate notification should be submitted to the Department of Fish and Game at that time.

Attach a sketch of the location of the proposed operation which clearly indicates the stream or other water, and access from a named public road. Locked gates and the compass direction shall be indicated. Please indicate the location of all proposed stream crossings, fills, dikes, excavations, log landings (near streams), streambed vegetation removal, channel changes, impoundments, diversions or other significant alterations to rivers, streams, or lakes. (This may require a larger scale map.)

Date September 5, 1990

TIP Number 1-90-6251men  
(Leave blank) Received CDF  
REGION I

Please Fill In Applicable Blanks

SEP 14 1990

(1) Streambed Excavations:

(a) Approximate volume of material to be removed from streambed:                      RESOURCE MANAGEMENT  
CU. YDS.

(b) Type of material removed (rock, gravel, sand, soil, etc.):                     

(c) Equipment to be used (bulldozer, backhoe, dragline, bucket dredge, etc.):                     

(d) Type, density and area of vegetation to be removed:                     

(2) Stream Crossings, Channel Changes, Landings or Other Fills Near Streams:

(a) Purpose of activity (culvert, bridge, skid crossing, ford, landing, dike, etc.). Please indicate which crossings are permanent:                       
Temporary skid and truck crossings, i.e. Humbolt crossings over four class II watercourses.

(b) Approximate volume and type of material to be deposited in streambed:                       
Cull logs covered with plastic sheeting, and then overlaid with dirt.

(c) Type of equipment to be used: Bulldozer CALENDAR PAGE 280

MINUTE PAGE 3680

\* Excavations are generally not permitted within the flowline of a stream unless the water is diked off from the excavation.



(d) How long will equipment be used in flowing water to install crossings or isolate work area from flowing water? (Prolonged work in flowing water is usually not permitted): Equipment will not be in flowing water

Equipment will install and remove logs from stream banks.

(e) Type, density and area of vegetation to be removed: Some riparian  
vegetation along stream crossings.

(3) Impoundments and Diversions:

(a) Volume and type of material to be deposited in streambed: \_\_\_\_\_

(b) Quantity of water to be used: \_\_\_\_\_

(c) Intended water use (i.e., fire and dust control, etc.): \_\_\_\_\_

(d) Describe the period of time in which operations will be carried out: \_\_\_\_\_

(4) Name and/or Legal Description of Area (include names of USGS Quadrangle Map).

Ham Pass - Section 9, 23N, 11W, MDM

Covelo Quadrangle, 15 minute series

(5) Work in or near the stream or lake is to be performed during the period \_\_\_\_\_

Fall 1990 to Fall 1993

(6) If an onsite inspection, in your opinion, is not possible because of weather or other circumstances within the next 30 days, you may enter into a mutual agreement to extend the period for inspection an additional 30 days. If you agree to an additional 30 days, indicate a new notification date which will start the 30 day period.

\_\_\_\_\_  
Notification Date

\_\_\_\_\_  
Signature

If the proposed activity is amended to change any of the above, or if not completed within the agreed upon time period, the Department shall be notified.

Please fill in the following:

Wade McDonald/Calif. State Lands Commission  
Name (Print or Type)

1807 13th Street  
Address

Sacramento  
City

Ca.

95814

State

Zip Code

(916) - 323-6795

Telephone No.

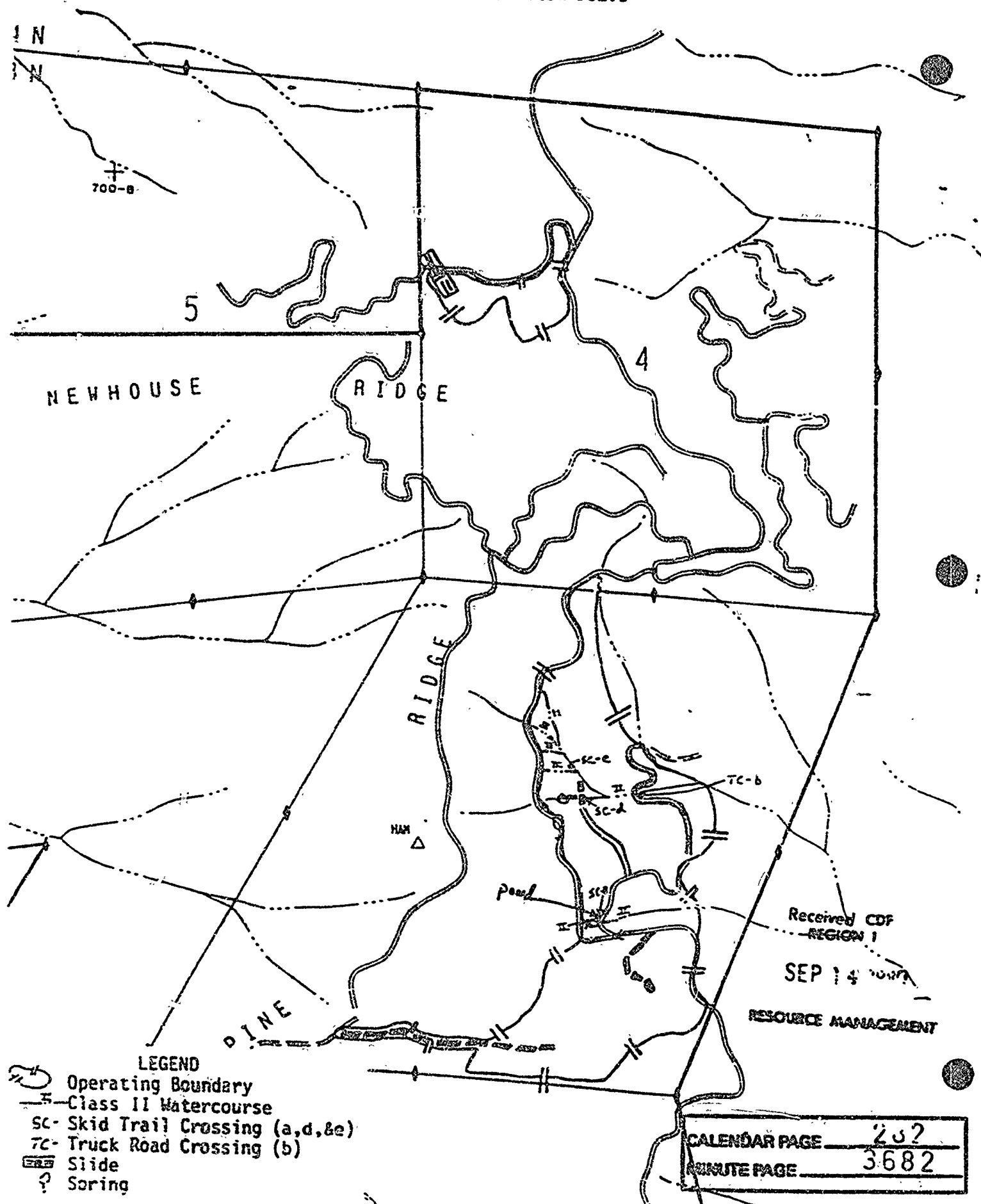
CALENDAR PAGE

MINUTE PAGE

3681

Received CDF  
SEP 14 1990  
RESOURCE MANAGE

STREAM CROSSINGS  
Addendum item #62.1



LEGEND

- Operating Boundary
- Class II Watercourse
- SC- Skid Trail Crossing (a,d,&e)
- TC- Truck Road Crossing (b)
- Slide
- Spring

CALENDAR PAGE 252  
MINUTE PAGE 3682

Addendum item #62.1

May 22, 1990  
file: W23181

Memo to the file: Ham Pass 1990 Timber Sale

I accompanied Fish & Games Wildlife Biologist Ted Wooster to hoot for Spotted Owls on SLC's ownership in Sections 4 & 9 on May 17, 1990. In the [redacted] a pair of Owls were located. We searched, to no avail, the area around where the female owl was roosting for a nest. At the end of this month Wooster and I are going to return to the location where we spotted the owls and again try and locate the nest. The mitigation he will probably recommend will be up to a 100 yard buffer around the nesting tree.

I also talked to him about the stream crossings in Section 9. He concurred with the Humbolt crossing above the water hole, (Marked A on attached Map). He said to put plastic over the logs before covering them with dirt. On the second stream crossing, (marked B), he had no problem with a backhoe digging out in front of the existing culvert, if it meets 50 years flood requirements, to redirect the water back into said culvert and dropping the road bed in order to cover the culvert. On the 3rd crossing, (Marked C), he has no problem with either a Humbolt crossing or moving the existing culvert in the stream channel and lowering the road. The 4th crossing, marked D, he had no problem with a Humbolt crossing with plastic covering the logs before the application of soil.

I asked him his opinion on the need to preserve the over mature timber in the SLPZ up and down stream from the crossing marked B. He said these tree made up only 5% of the canopy protecting the stream and he had no problem with their being harvested. He did ask that those trees obviously cull be left along with the snags.

Wade McDonald  
Forester I

cc: Ted Wooster

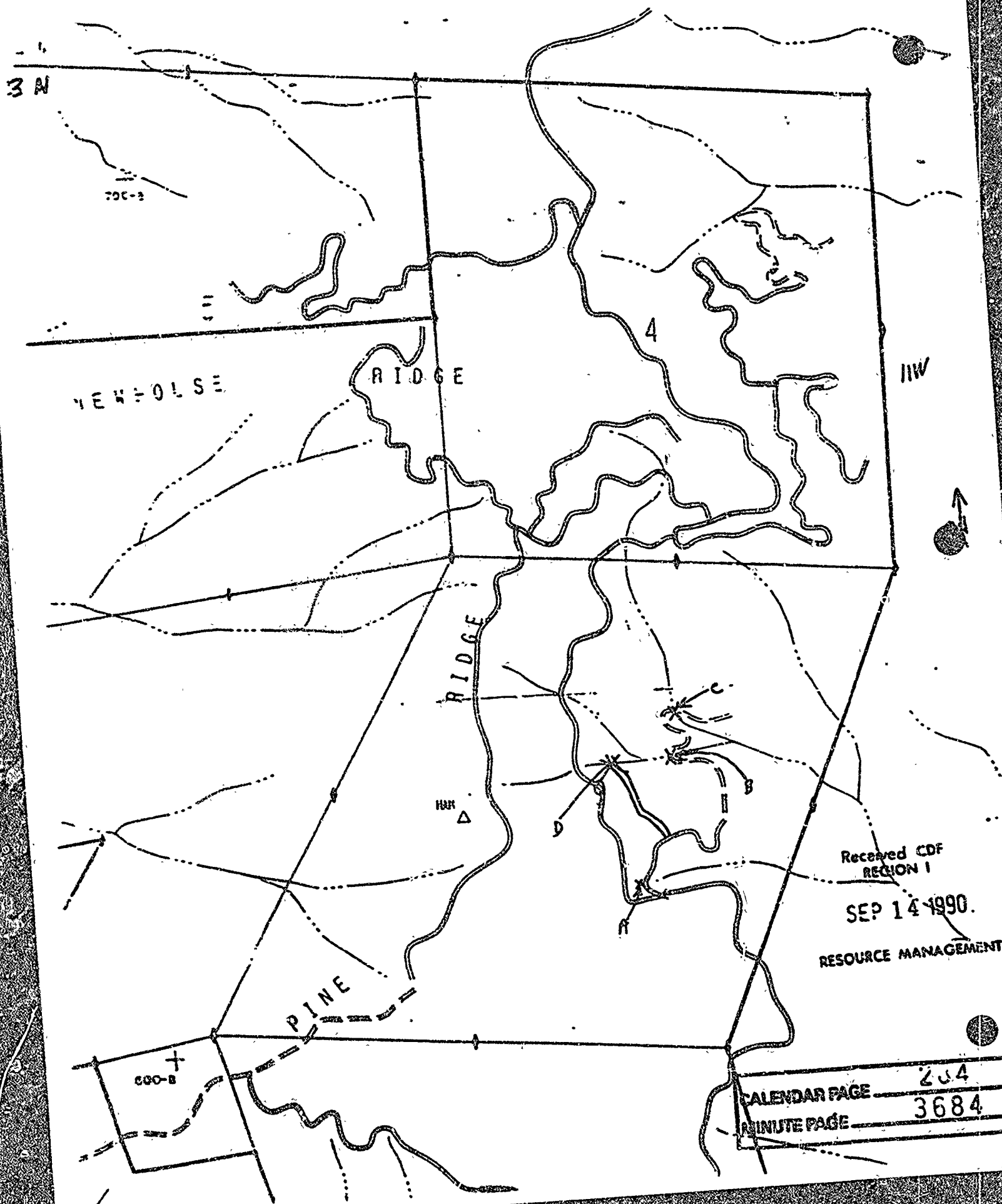
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SEP 14 1990

RESOURCE MANAGEMENT

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Addendum item #62.1





# ESTIMATED SURFACE SOIL EROSION HAZARD

RM-87 (4/84)

STATE OF CALIFORNIA  
BOARD OF FOREST

## SOIL FACTORS

A. SOIL TEXTURE	Fine	Medium	Coarse	FACTOR RATING BY AREA		
	Low	Moderate	High	A	B	C
1. DETACHABILITY	Low	Moderate	High	23	25	27
Rating	1-9	10-18	19-30			
2. PERMEABILITY	Slow	Moderate	Rapid	1	1	1
Rating	5-11	3-2	1			

## B. DEPTH TO RESTRICTIVE LAYER OR BEDROCK

Rating	Shallow	Moderate	Deep	6	6	6
	1"-19"	20"-39"	40"-60" (+)			
	15-9	6-4	3-1			

## C. PERCENT SURFACE COARSE FRAGMENTS GREATER THAN 2 MM IN SIZE INCLUDING ROCKS OR STONES

Rating	Low	Moderate	High	3	2	5	FACTOR RATING BY AREA		
	(-) 10-39%	40-70%	71-100%				A	B	C
	10-6	5-3	2-1						
SUBTOTAL							33	34	39

## D. SLOPE FACTOR

Slope	5-15%	16-30%	31-40%	41-50%	51-70%	71-80% (+)	16	17	11
Rating	1-3	4-6	7-10	11-15	16-25	26-35			

## III. PROTECTIVE VEGETATIVE COVER REMAINING AFTER DISTURBANCE

Rating	Low	Moderate	High	7	5	2
	0-40%	41-80%	81-100%			
	15-8%	7-4	3-1			

## IV. TWO-YEAR, ONE-HOUR RAINFALL INTENSITY (Hundredths Inch)

Rating	Low	Moderate	High	Extreme	8	8	8
	(-) 30-39	40-59	60-69	70-80 (+)			
	1-3	4-7	8-11	12-15			

TOTAL SUM OF FACTORS

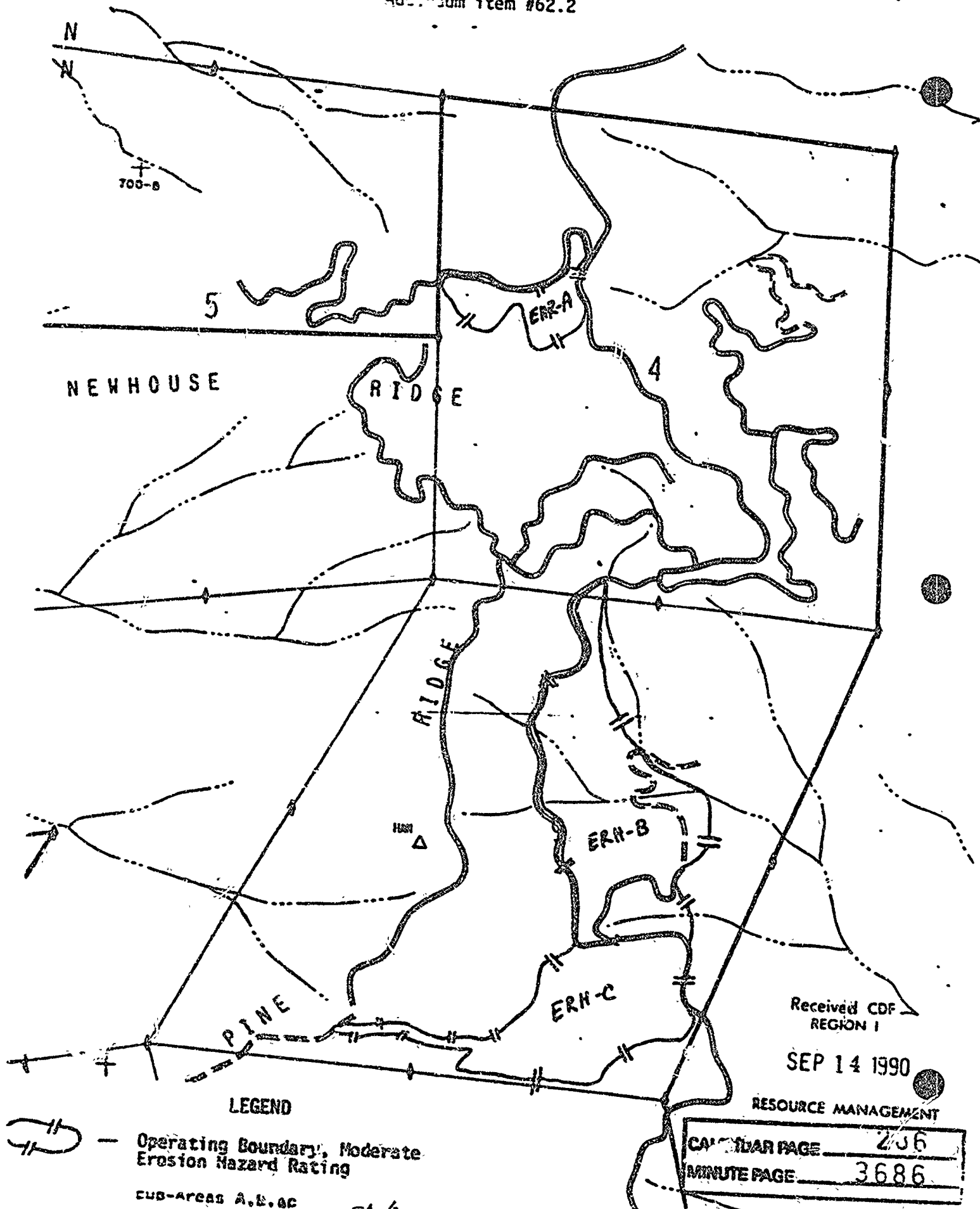
31 30

## EROSION HAZARD RATING

<50	50-65	66-75	>75
LOW (L)	MODERATE (M)	HIGH (H)	EXTREME (E)
			64 64 60
THE DETERMINED RATING IS			
3685			

7-30-80-013

# Erosion Hazard Rating Map Addendum item #62.2



NEWHOUSE

RIDGE

RIDGE

PINE

LEGEND

Operating Boundary, Moderate  
Erosion Hazard Rating

EUB-Areas A.B.C.

ERR-A

ERR-B

ERR-C

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RESOURCE MANAGEMENT

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MAPS

Addendum item #62.4

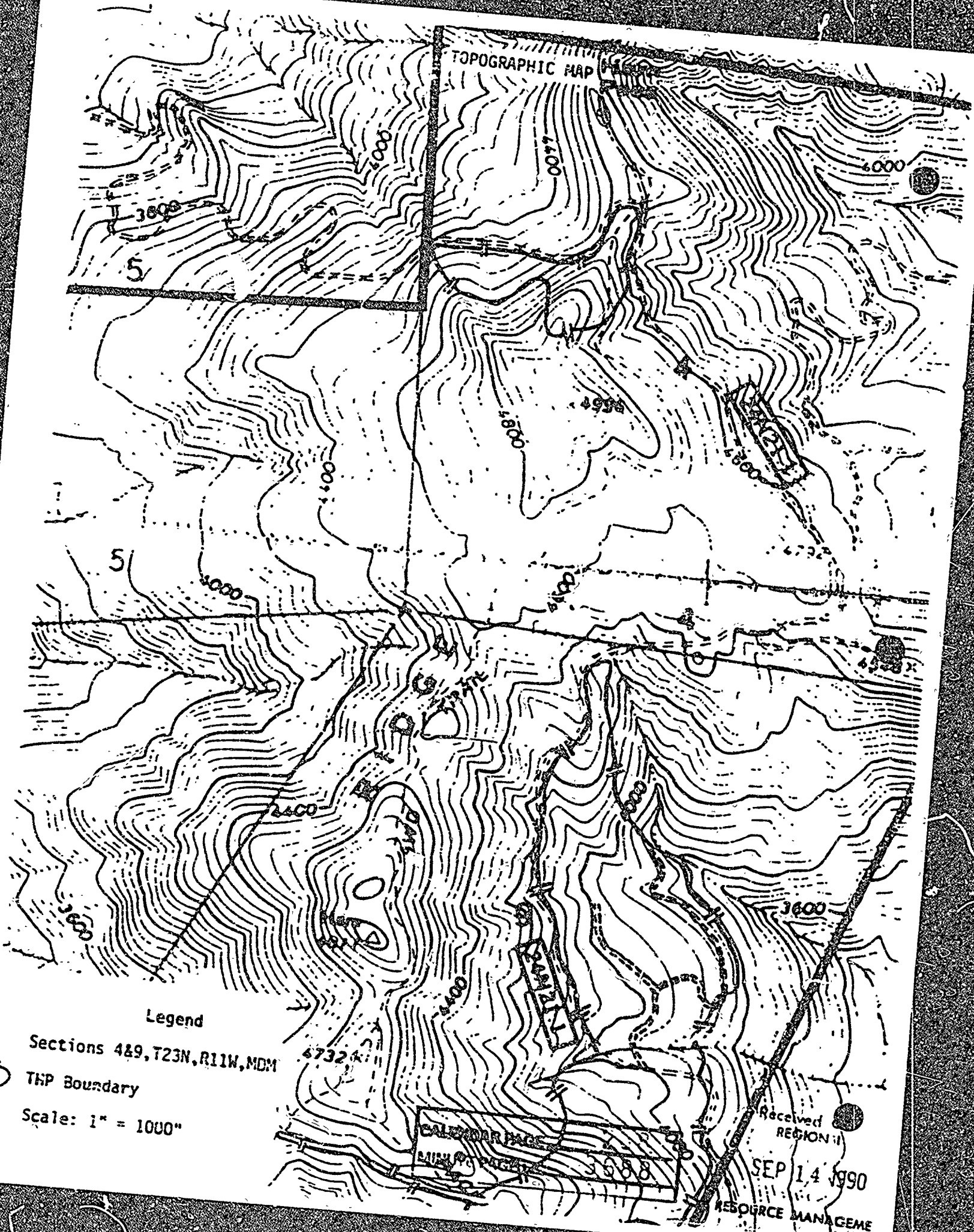
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RESOURCE MANAGEMENT

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TOPOGRAPHIC MAP



Legend

Sections 4&9, T23N, R11W, MDM

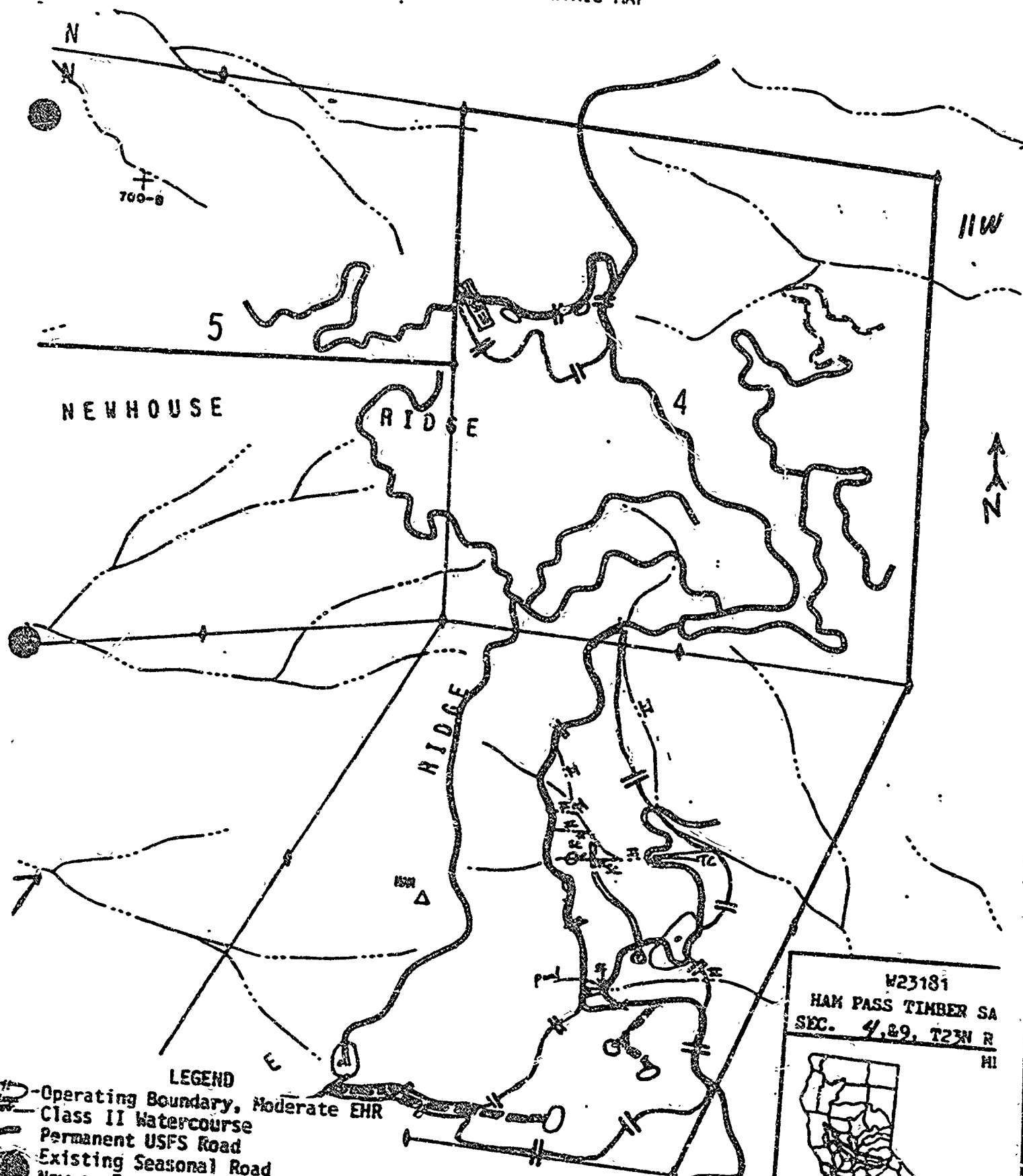
THP Boundary

Scale: 1" = 1000'

CALCULATED  
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SEP 14 1990  
RESOURCE MANAGEMENT





# LEGEND

- Operating Boundary, Moderate EHR
  - Class II Watercourse
  - Permanent USFS Road
  - Existing Seasonal Road
  - New or Reconstructed Seasonal Road
  - New Landings. Existing Landings
  - Skid Trail Crossing
  - Truck Road Crossing
  - Slide. Spring
- Scale: 4" = 1 Mile

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REGION I

SEP 14 1990

RESOURCE MANAGEMENT

W23181  
HAM PASS TIMBER SA  
SEC. 4, 8, 9, T23N R  
HI

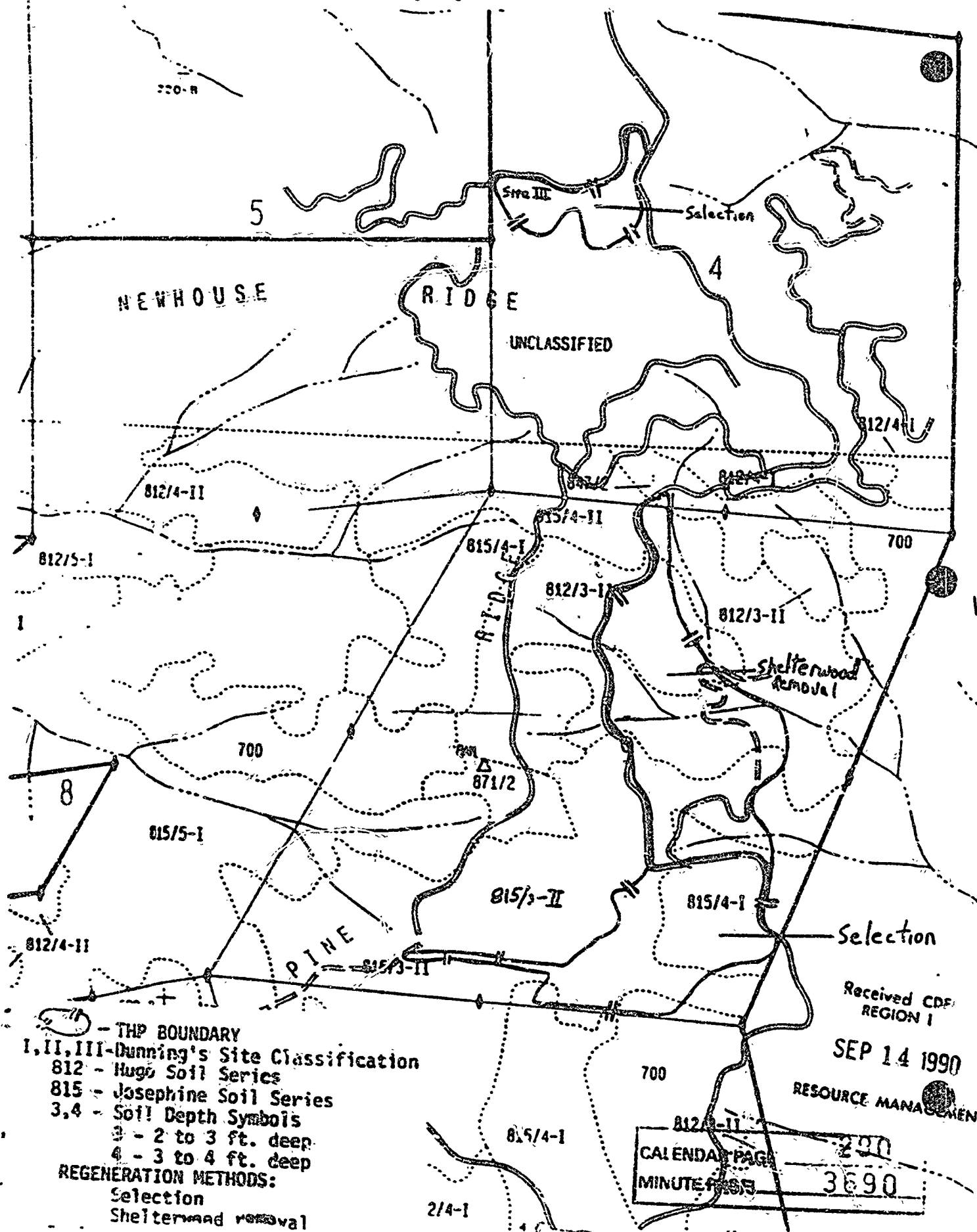


CALENDAR PAGE  
MINUTE PAGE

36.8.9



## SITE CLASSIFICATION & REGENERATION METHODS MAP



Addendum item #64.1,2,&3

September 11, 1990

Steve Jones, Interim Manager  
California State Lands Commission  
1807 13th St.  
Sacramento, Ca. 95814

RE: OBLIGATIONS OF THE CALIFORNIA STATE LANDS COMMISSION AND  
MARKING REQUIREMENTS OF THE FOREST PRACTICE ACT WITH  
REGARDS TO THE HAM PASS TIMBER HARVEST PLAN

Under Section No. 1034, Article P, of the Forest Practice Act, it is my responsibility to inform you of the responsibilities of the California State Lands Commission, as timberland owner, for compliance with the stocking requirements of the Act and rules, and for maintenance of erosion control structures.

1. STOCKING REQUIREMENTS: Minimum stocking levels mandated by the Forest Practices Rules must be met upon completion of harvest operations. Failure to meet required stocking levels could result in corrective action by CDF. The harvest area is anticipated to meet stocking immediately upon completion of operations, although this is not guaranteed.

2. MAINTENANCE OF EROSION CONTROL STRUCTURES: Erosion control structures required by the Forest Practice Rules must be maintained for at least one year or up to three years if directed after completion of operations. Failure to do so could result in corrective action by CDF.

3. MARKING REQUIREMENTS: Rule 933.2 of the Forest Practice Act which addresses the Selection regeneration method requires "Trees to be cut or trees to be left shall be marked by or under the supervision of an RPF prior to cutting." All trees to be harvested under this regeneration method and the removal step of the Shelterwood regeneration method have been marked with BLUE paint.

  
Wade McDonald, RPF 2065  
Forester I

Received CDF  
REGION I

SEP 14 1990

RESOURCE MANAGEMENT

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SITE PREPARATION ADDENDUM (935.4)

- a.) Site preparation is not required to meet stocking. Site preparation will be on existing over sized landings within and outside the Timber Harvest Boundary.
- b.) Landings will be ripped every 6 feet with a winged subsoiler, or ripped and cross ripped every 6 feet with a ripper.
- c.) The equipment to be used will be a winged subsoiler or rippers attached to a D-6 to D-8 Catipillar tractor or its equivalent.
- d.) The areas to be site prepared are the existing over sized landings which have no residual trees.
- e.) No exceptions or alternatives to the standard rules are proposed.
- f.) See attached map.
- g.) The Timber Operator will be responsible for conduct of site preparation activities. The Timber Operator is unknown at this time, his name will be submitted in an amendment to this THP when the timber is sold.
- h.) The timing of operations will be in the summer or fall during the life of this THP. Operations will take place when soil conditions are dry in order to prevent additional compaction. Site preparation activities should take less than 7 days to complete.

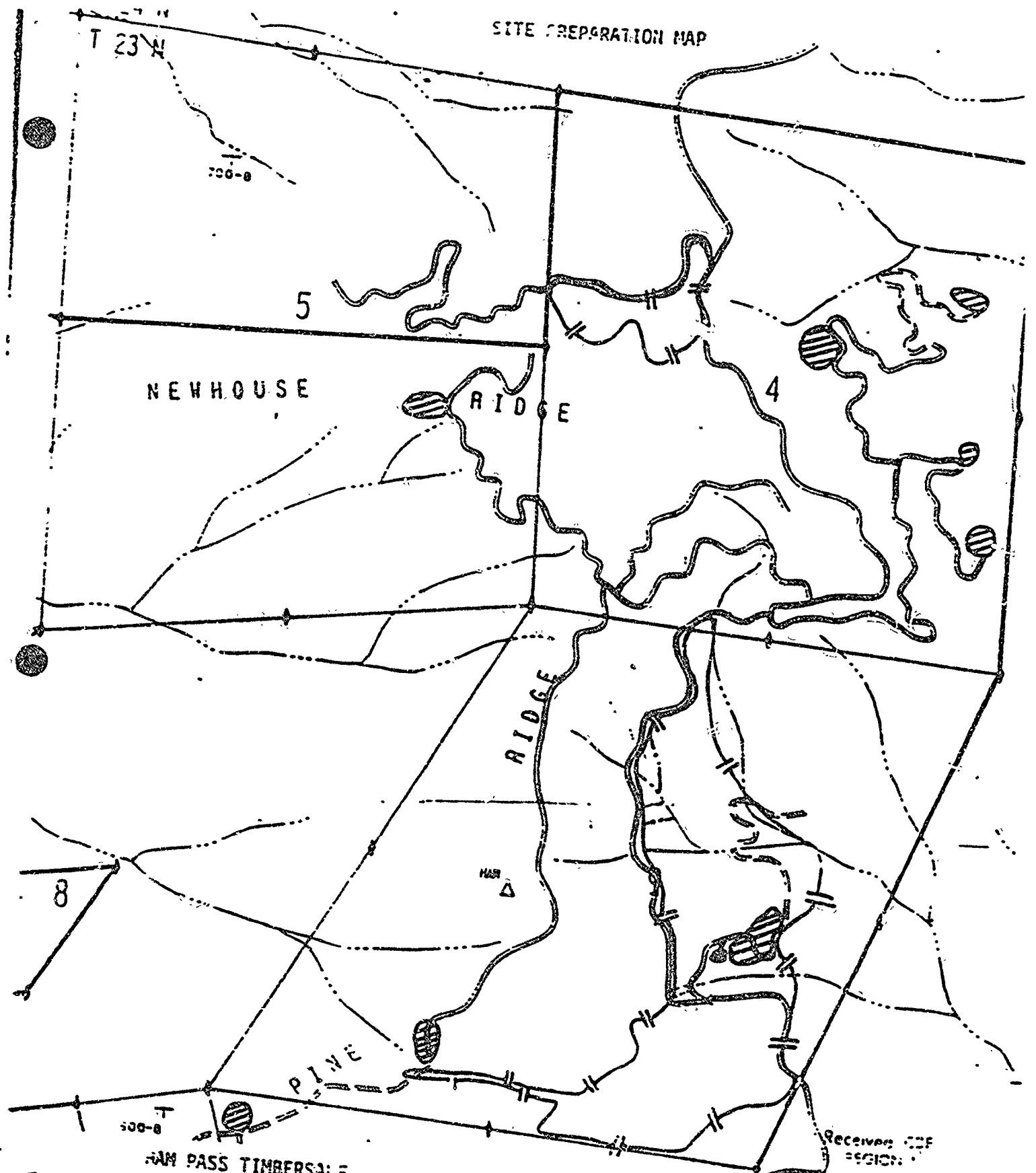
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REGION 1

SEP 14 1990

RESOURCE MANAGEMENT

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# SITE PREPARATION MAP



Sections 419, 23N, 11W, MDM

- F-P Boundary

- Site Preparation Areas

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CALENDAR PAGE 233  
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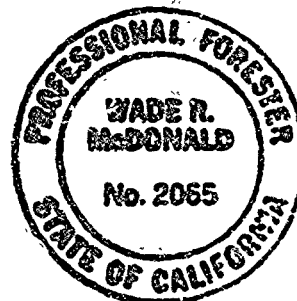
LANDSLIDE B, is not in the operating area.

IN CONCLUSION, MR. ARMSTRONG, STATED "A LIGHT CUT OF TIMBER CAN PROBABLY BE HARVESTED FROM THE AREA DESCRIBED WITHOUT SIGNIFICANT NEGATIVE IMPACT ON SLOPE STABILITY." BEFORE HARVEST THE BASAL AREA IS 177 SQUARE FEET PER ACRE. AFTER HARVEST THE RESIDUAL BASAL AREA WILL BE 83 SQUARE FEET PER ACRE.

- item #27 ALL STREAM CROSSINGS AND SKID TRAILS WITHIN A WATER, LAKE PROTECTION ZONE THAT HAVE GREATER THAN 800 SQUARE FEET OF DISTURBED SOIL WILL BE MULCHED WITH STRAW AND GRASS SEEDS AT A RATE OF 25 POUNDS OF GRASS SEED PER ACRE.
- item #47 THE CANOPY OVER THE STREAM NOTED AS POINT B IS MULTI STORIED. THE RESIDUAL OVERMATURE DECADENT TREES MAKE UP LESS THAN 5 PERCENT OF THE CANOPY WHICH COVERS THE STREAM. THESE RESIDUALS WILL BE REMOVED DURING HARVESTING OPERATIONS.

Sincerely,

  
Wade R. McDonald, RPF 2065  
Forester I



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DEPARTMENT OF CALIFORNIA  
STATE LAND COMMISSION  
1807 13TH STREET  
SACRAMENTO, CALIFORNIA 95814

GEORGE DEUKMEJIAN, Governor

September 25, 1990

File Ref.: W23181  
THP # 1-90-629 MEN

California Department of Forestry  
Mr. Gary Roach  
776 So. State St., Suite 105  
Ukiah, Ca. 95482-5891

Received CDF  
REGION I

SEP 28 1990

Dear Gary

RESOURCE MANAGEMENT

The foregoing are the answers to the questions you and the review team had prior to the preharvest inspection on September 21, 1990 in reference to THP #1-90-629 MEN.

Item 22: TREES WILL BE END LINED OUT OF SLIDE C IN SECTION 4, (See Mr. Armstrong's map in addendum #22). THE PERIMETER OF THE SLIDE HAS BEEN FLAGGED WITH BLUE FLAGGING AS AN EQUIPMENT EXCLUSION ZONE.

THE TWO ATTACHED GEOLOGICAL REPORTS MAKE DIFFERING SUGGESTIONS AS TO HARVESTING TIMBER FROM WITHIN THE ACTIVE SLIDE. THE RECOMMENDATIONS OF GEOLOGIST CHARLES F. ARMSTRONG WILL BE FOLLOWED, BECAUSE HE WAS A STATE OF CALIFORNIA REGISTERED GEOLOGIST, WHEREAS THE QUALIFICATIONS OF THE U.S. FOREST SERVICE GEOLOGIST AND HYDROLOGIST ARE NOT KNOWN. MR. ARMSTRONG'S RECOMMENDATIONS ARE AS FOLLOWS:

**LANDSLIDE A:**

ROADS AND SKID TRAILS SHOULD BE CONSTRUCTED WITH AS LITTLE CUT AND FILL AS POSSIBLE. SKID TRAILS PARTICULARLY SHOULD BE LAID-OUT WHERE LITTLE OR NO BLADEWORK IS NECESSARY. RUNOFF SHOULD DRAIN EFFICIENTLY FROM ALL ROADS AND SKID TRAILS BY OUT-SLOPING, WATERBARS, AND ROLLING DIPS. INSIDE DITCHES, INSLOPES AND BERMS SHOULD BE AVOIDED ON ROADS.

LANDINGS SHOULD BE BUILT WITH AS LITTLE EXCAVATION AS POSSIBLE - PARTICULARLY CUTTING. CLOSED DEPRESSIONS MAY BE FILLED IF NEEDED. LANDINGS SHOULD BE DRAINED EFFICIENTLY ON COMPLETION.

**LANDSLIDE C:**

DOWN AND LEANING TIMBER CAN BE REMOVED FROM THIS AREA WITHOUT FURTHER EXCAVATION.

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MINUTE PAGE	3695

RECEIVED

SEP 25 1990

Dept. of Forestry & Fire Protection  
Mendocino County  
Resource Management

10/5/90  
JW

REVIEW TEAM CHAIRMAN'S RECOMMENDATIONS FOR TIMBER HARVESTING PLAN OR  
AMENDMENT NO. 1-90-629 MEN  
DATE: 9/26/90  
PAGE: 2

Approval is recommended with the following mitigation measures:

1. Attached letter from RPF dated September 25, 1990 is to be made part of the plan.
2. The WLPZ skidtrail shown at map point 1 on the PHI map should be insloped to prevent sidecast from entering the watercourse.
3. Exclude the area shown on the EHR map from winter operations.
4. The crossing at map point 2 on the PHI map should only be used one season. It should be filled 4 to 6 feet with merchantable logs and chokered for easy removal. The road grade at the crossing should be cut down some to minimize the amount of fill over the logs. A sheet of heavy plastic or a layer of straw should be placed over the logs prior to the cap of soil. The spoils from cutting the road grade down should not be sidecast but spread along the existing road.

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REGION 1

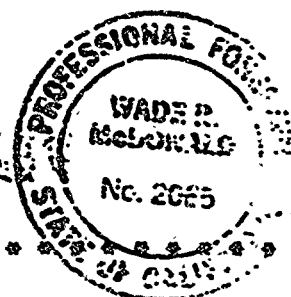
OCT 05 1990

RESOURCE MANAGEMENT

RECEIVED

OCT 4 - 1990

Dept. of Forestry & Fire Protection  
Mendocino County  
Resource Management



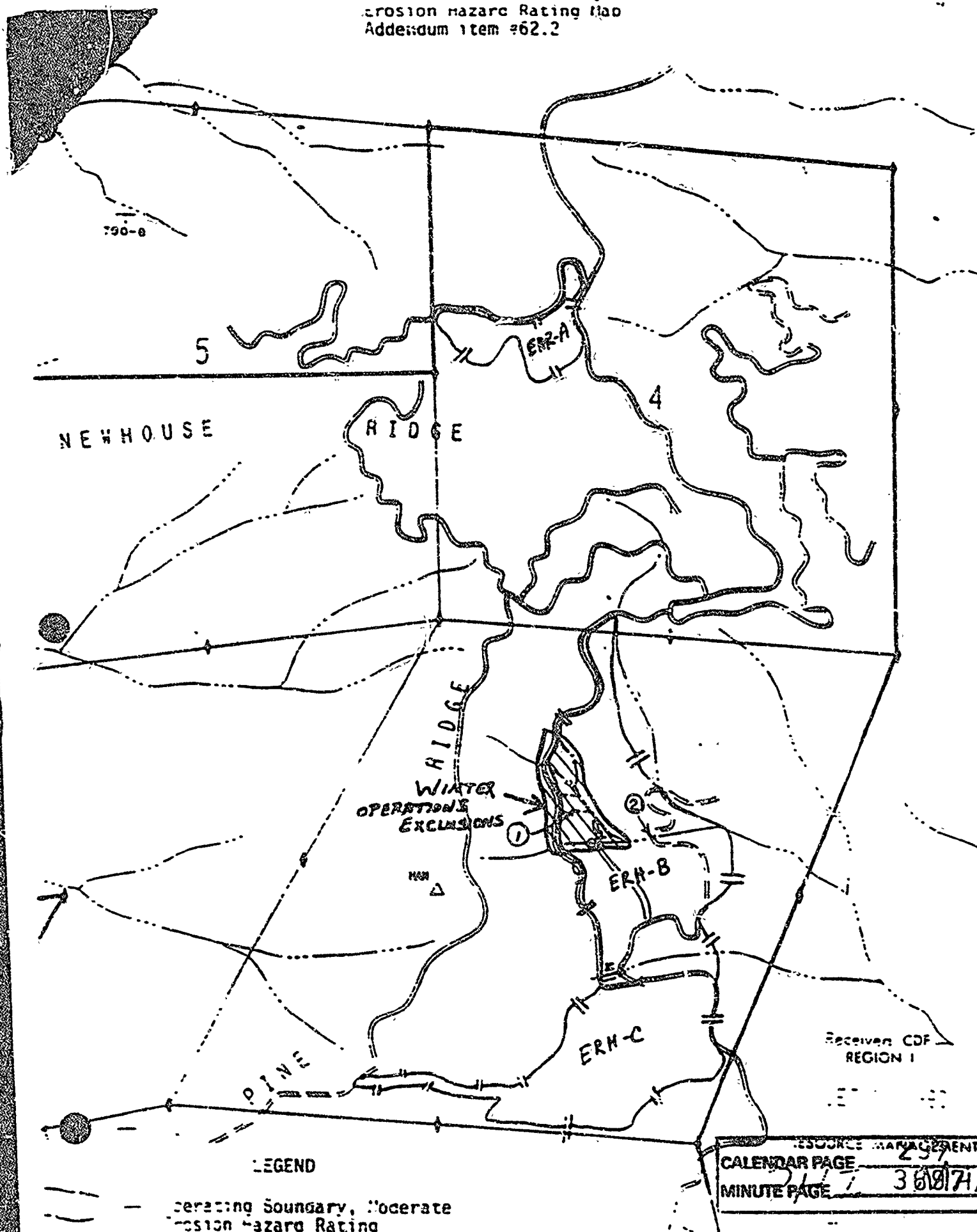
I agree to the above mitigation measures.

10/2/90  
Date

Signature Wade R. McDonald  
RPF's Typed or Printed Name

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MINUTE PAGE 3696

Erosion Hazard Rating Map  
Addendum Item #62.2





References to the locations of known Spotted Owls have been removed from this Timber Harvest Plan after it was approved by the California Department of Forestry. The California Department of Fish and Game determined this information to be confidential. Direct any questions relating to the Spotted Owl Survey to Mister Gordon Gould, California Department of Fish and Game, at 916-322-1263.

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EXHIBIT "D"

STATE OF CALIFORNIA  
STATE LANDS COMMISSION  
1807 13TH STREET  
SACRAMENTO, CALIFORNIA 95814

GEORGE DEUKMEJIAN, GOVERNOR

September 20, 1990

File Ref. W23181

Mendocino County Planning Commission  
Mr. Billy Cornett  
Planning and Building - Court House  
Ukiah, Ca. 95469

Dear Mr. Cornett

The California State Lands Commission hereby is giving notice that it plans on selling in late winter 1991 approximately 2.1 million board feet of timber near Hams Pass, (7 miles northeast of Covelo), Sections 4 & 9, Township 23N, Range 11W, Mount Diablo Meridian. The sale area covers approximately 175 acres. A timber harvest plan has been submitted to the California Department of Forestry and Fire Protection. If the County Planning Commission has any concerns or comments please notify me as soon as possible.

Sincerely,

Fade R. McDonald, RPF 2065  
Forester I

Certified-Return Receipt Requested No. P 465 774 465

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MINUTE PAGE 3699