

MINUTE ITEM

This Calendar Item No. 22
was approved as Minute Item
No. 22 by the State Lands
Commission by a vote of 3
to 0 at its 5/28/87
meeting.

CALENDAR ITEM

A 1

22

05/28/87

W 22918

S 1

S. Jones

TIMBER SALE AGREEMENT IN PLUMAS COUNTY

In furtherance of the timber management program endorsed at the May, 1980 Commission meeting, the staff has prepared a harvest plan and solicited sealed bids for the sale of 970,000 board feet of commercial sawtimber within a 320-acre portion of State school land, 13 airmiles north of Beckworth, Plumas County.

The sale was advertised in April in local newspapers and notices sent to a mailing list of over 90 operators in Northern California. One bid was received, as shown on the attached Exhibit "C", at \$188,791.10 submitted by Sierra Pacific Industries, Quincy. The bid was at 22 percent above the advertised minimum.

AB 884: N/A.

OTHER PERTINENT INFORMATION:

1. A Timber Harvesting Plan was prepared by Commission staff and submitted to the California Department of Forestry (CDF) for their review and approval.
2. The submitted environmental analysis document (Timber Harvest Plan) was certified for this project by the CDF under its certified program (14 Cal. Adm. Code 15251(a)).
3. Staff has reviewed the document and determined that the conditions, as specified in 14 Cal. Adm. Code 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.

CALENDAR ITEM NO. 22 (CONT'D)

EXHIBITS:

- A. Land Description.
- B. Location Map.
- C. Summary of Bids.
- D. Timber Sale Boundary Map.
- E. Approved Timber Harvest Plan.

IT IS RECOMMENDED THAT THE COMMISSION:

1. FIND THAT AN ENVIRONMENTAL ANALYSIS DOCUMENT (TIMBER HARVEST PLAN) WAS CERTIFIED FOR THIS PROJECT BY THE CALIFORNIA DEPARTMENT OF FORESTRY UNDER ITS CERTIFIED PROGRAM (14 CAL. ADM. CCODE 15251(a)), THAT THE STATE LANDS COMMISSION HAS REVIEWED SUCH DOCUMENT AND THAT THE CONDITIONS AS SPECIFIED IN 14 CAL. ADM. CODE 15253(b) HAVE BEEN MET.
2. DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
3. ACCEPT THE BID IN THE AMOUNT OF \$188,791.10 AND AUTHORIZE ENTERING INTO A TIMBER SALE AGREEMENT WITH SIERRA PACIFIC INDUSTRIES FOR THE SALE OF 970,000 BOARD FEET OF SAWTIMBER IN SECTION 16, T25N R14E, MDM, PLUMAS COUNTY, UPON PAYMENT IN FULL OF THE TOTAL BID PRICE AND FURNISHING A PERFORMANCE BOND IN THE AMOUNT OF TEN PERCENT OF THE BID PRICE.

EXHIBIT "A"

LAND DESCRIPTION

W 22918

A parcel of California State school lands in Plumas County, California,
described as follows:

Section 16, T25N, R14E, MDM.

EXCEPTING THEREFROM the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ and the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ thereof.

END OF DESCRIPTION

PREPARED FEBRUARY 3, 1986 BY BOUNDARY SERVICES UNIT, M. L. SHAFER, SUPERVISOR

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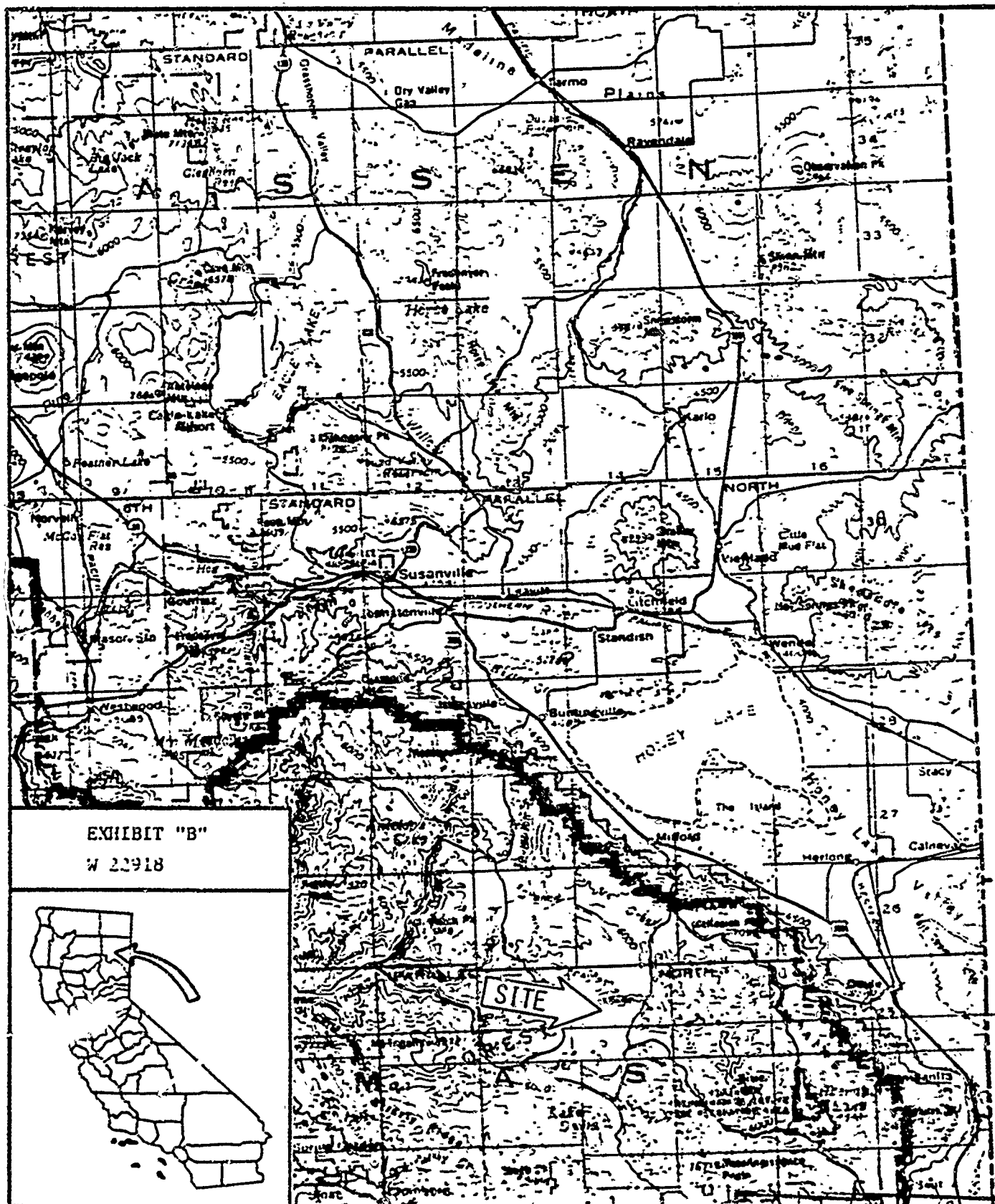


EXHIBIT "B"

W 22918



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EXHIBIT

Bidding Record:

SQUAW VALLEY

Timber Sale

Species	Volume in MBF	Minimum Bid \$/MBF	Minimum Bid Extension	Bidder	Bidder	Bidder	Bidder	Bidder	Bidder	Bidder
				\$/MBF	\$/MBF	\$/MBF	\$/MBF	\$/MBF	\$/MBF	\$/MBF
Jeffrey Pine	972	1.00	12.12	12.63						
Total				12.63						

Date:

4.2.77

Time:

Place:

Witness to Proceedings

State Lands Commission Presiding Officer

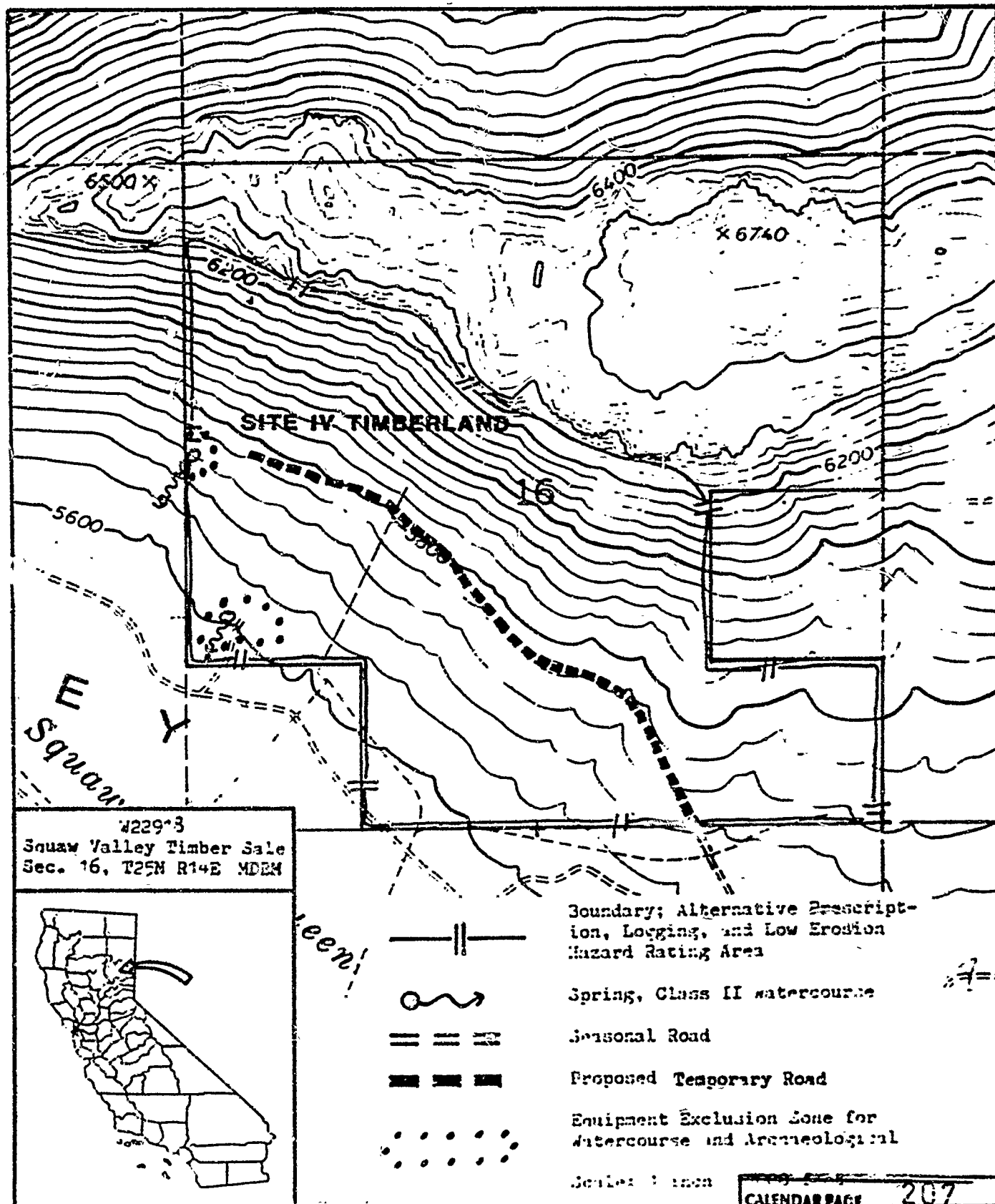
State Lands Commission

State Lands Commission

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EXHIBIT "D"



DEPARTMENT OF FORESTRY

N22918



6105 Airport Road
Folsom, CA 95630
(916) 205-2445

May 10, 1988

Mr. Stephen H. Jones for
State Land Commission
1807 18th St.
Sacramento, CA 95814

Timber Harvesting Plan
2-21-87-21110

Dear Mr. Jones:

Your Ref: N22918

Enclosed is a true copy of your timber harvesting plan identified by date and file number shown above. The Director of Forestry finds that the plan conforms with the rules and regulations of the Board of Forestry pursuant to the provisions of the Timber Regulating Forest Practice Act of 1979. Conformance is indicated by the Director's signature of the duly constituted authority being shown on the attached copy of the plan.

The plan shows the timber operations proposed to be carried out according to the conditions specified therein and subject to the Forest Practice Act, Forest Practice Rules of the Forest Department in which the operations will take place. The plan is subject to the Department's regulations and other applicable laws, regulations and ordinances.

The Forest Practice Act requires the filing of the plan as shown listed below for each timber harvesting operation undertaken.

Timber Harvesting Work Completion Report - within 30 days after completion of work described in a timber harvesting plan, including work for stocking, a report shall be filed by the owner or his agent with the Director of Forestry, except stocking has been completed.

Report of Stocking - within 30 days after completion of timber operations described in a timber harvesting plan, a report of stocking shall be filed by the owner or his agent with the Director of Forestry.

The above harvesting plan will expire on May 10, 1989. If a request for an extension must be received ten days (10) prior to the expiration date of timber operations. The effective period of the timber harvesting plan is 12 months (12) years from the date the Director's representative signed the plan. The plan must conform with the Forest Practice Act and Rules. The enclosed pursuant to Public Resources Code 4500.

Mr. Stephen M. Jones


2

May 18, 1966

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

Very truly yours,

W.C. Todd
Chief, Region II


Richard Schenck
Forest Practice Manager

js

Enc.

cc: Deputy Director Delfino
Rgr Lloyd Keefer

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF FORESTRY

PF 5/19/80

FOR ADMINISTRATIVE USE ONLY:

Rec'd 11/20/85
Z

Squaw Valley
TIMBER HARVESTING PLAN

W 22918

THP Number 2-85-384-11.0(2)
Date Received NOV 20 1985
Date Filed NOV 30 1985
Date Approved MAY 10 1986
Copy to RPF yes ☒ no
Copy to LTO yes no

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 State Lands Commission

Address 1807 13th Street

City Sacramento State CA Zip 95814 Phone (916) 323-7411

2. Timber Landowner(s): Name State Lands Commission

Address 1807 13th Street

City Sacramento State CA Zip 95814 Phone (916) 323-7411

3. Timber Operator(s): Name _____

Address _____ License # _____

City _____ State _____ Zip _____ Phone _____

4. Plan Submitter(s): Name State Lands Commission

Address 1807 13th Street

City Sacramento State CA Zip 95814 Phone (916) 323-7411

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

Address _____

City _____ State _____ Zip _____ Phone _____

6. RPF preparing the THP: Name Stephen M. Jones
 Address 1807 13th Street
 City Sacramento State CA Zip 95814 Phone (916) 323-7411
7. Expected commencement date of timber operations: June 1, 1986
8. Expected completion date of timber operations: May 31, 1989
9. Forest products to be harvested: Saw logs, veneer logs, pulp logs & fuel wood

10. The timber operation is to be within: (check appropriate box)

- 1 ☐ Coast Forest District
 2 ☒ Northern Forest District
 3 ☐ Southern Forest District
 and, if applicable, one of the following special districts:
 4 ☐ Southern Subdistrict of the Coast Forest District
 5 ☐ High-Use Subdistrict of the Southern Forest District
 6 ☐ Eastside 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
16	25N	14E	320	Plumas

TOTAL ACREAGE: 320; approximately 150 acres is timbered

(NOTE: Additional sheets may be necessary; parcel numbers are optional additional information which may be provided)

- 12.1 ☐ Yes Is a Timberland Conversion Permit in effect?
 2 ☒ No If yes, list permit number and date of expiration: _____
- 13.1 ☐ Yes Is there a THP on file with CDF for any portion of the plan area for
 2 ☒ No which a report of satisfactory stocking has not been issued by CDF?
 If yes, identify the THP numbers: _____

14. 1 ☐ Yes Is any part of the plan within a special treatment area, Tahoe
 2 ☒ No Regional Planning Agency jurisdiction, or a county which has special rules
 If yes, identify the special area: _____

SILVICULTURE

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

- 1 ☐ clearcutting
 2 ☐ shelterwood, preparatory cut
 3 ☐ shelterwood, seed cut
 4 ☐ shelterwood, removal cut
 5 ☐ seed tree, seed tree cut
 6 ☐ seed tree, seed tree removal cut
 7 ☐ selection - designate basal area stocking standard(s) to be met: _____
 8 ☐ commercial thinning - designate basal area stocking standards(s) to be met: _____
 9 ☐ sanitation salvage - when will stocking be met: _____
 10 ☐ special treatment areas
 11 ☐ rehabilitation of understocked areas
 12 ☒ alternative prescription (provide necessary information on an addendum)

(Note: Timberland site(s) must be shown on the map where the level of stocking is based upon timberland site.)

16. 1 ☐ Yes Are any exceptions to the standard silvicultural methods or
 2 ☒ No treatments permitted in the rules proposed for this plan?
 If yes, explain and justify the exception on an addendum.
 17. 1 ☐ Yes Are broadleaf or optional species proposed for management?
 2 ☒ No See item 18
 18. 1 ☐ Yes Will broadleaf or optional species be used to meet stocking
 2 ☒ No standards?
 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 on this plan:

- 1 ☒ tractor, skidder, forwarder
 2 ☐ balloon, helicopter
 3 ☐ cable, ground-lead
 4 ☐ cable, high-lead
 5 ☐ cable, skyline
 6 ☐ animal
 7 ☐ other _____

20.1 ☐ Yes Will tractor constructed layouts be used?2 ☒ No21.1 ☐ Yes Will tractors be used for direction tree pulling?2 ☒ No

Check items 22 through 25 that apply with tractors.

22. 1 ☐ Yes Operations on unstable soils or slide areas?2 ☒ No23. 1 ☐ Yes Operations on slopes over 65%?2 ☒ No24. 1 ☐ Yes Operations on slopes over 50% with high or extreme EHR?2 ☒ No25. 1 ☐ Yes Operations within cable yarding areas?2 ☒ No

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

26. Indicate Erosion Hazard Rating(s) 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:

All skid trails and temporary roads will be waterbarred upon completion

of operations as required in 14 CAC 934.6

28. 1 ☐ Yes Are any alternative practices or exceptions to the standard
 2 ☒ No harvesting or erosion control practices permitted in the rules
 proposed for this plan?

If yes, explain and justify: _____

29. 1 ☐ Yes Are timber operations proposed for the winter period?
 2 ☒ No If yes, provide a winter period operation plan as an addendum,
 except for cable, helicopter, or balloon yarding.

ROADS AND LANDINGS

30. 1 ☒ Yes Will any roads or landings be constructed or reconstructed?
 2 ☐ No

If yes, check items 31 through 37 that apply:

31. 1 ☐ Yes Will new roads be wider than single lanes with turnouts?
 2 ☒ No
32. 1 ☐ Yes Will any landings exceed the maximum size specified in the
 2 ☒ No rules?
33. 1 ☐ Yes Are logging roads or landings proposed in areas of unstable
 2 ☒ No soils or known slide-prone areas?
34. 1 ☐ Yes Will new roads exceed a grade of 15% or pitches of 20% a
 2 ☒ No distance greater than 500 feet?
35. 1 ☐ Yes Are roads to be constructed, other than crossings, within the
 2 ☒ No watercourse and lake protection zone of Class I or Class II
 watercourses?
36. 1 ☐ Yes Will roads or landings longer than 100 feet in length be
 2 ☒ No 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. 1 ☒ Yes Are exemptions proposed for flagging or otherwise identifying
 2 ☐ No the location of roads to be constructed?
38. If any of the 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 on an addendum.

WATERCOURSES AND LAKES

39. 1 ☒ Yes Are there any watercourses or lakes which contain Class I through
 2 ☐ No Class IV waters on or adjacent to the plan area?

If yes, complete Items 40 through 50.

40. 1 ☐ Yes Are any in-lieu practices and/or alternative practices proposed for
 2 ☒ No 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. 1 ☐ Yes Exclusion of the use of watercourses, marshes, wet meadows, and
 2 ☒ No other wet areas, for landings, roads, or tractor roads?
42. 1 ☐ Yes Retention of non-commercial vegetation bordering and covering
 2 ☒ No meadows and wet areas?
43. 1 ☐ Yes Directional felling of trees within the zone away from the
 2 ☒ No watercourse or lake?
44. 1 ☐ Yes Increase or decrease of width(s) of the zone(s)?
 2 ☒ No
45. 1 ☐ Yes Protection of watercourse(s) which conduct class IV waters.
 2 ☒ No (if any)?
46. 1 ☐ Yes Exclusion of heavy equipment from the zone?
 2 ☒ No
47. 1 ☐ Yes Retention of 50% of the overstory canopy in the zone?
 2 ☒ No
48. 1 ☐ Yes Retention of 50% of the understory in the zone?
 2 ☒ No

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

49. 1 ☒ Yes Are residual trees or harvest trees going to be marked within the
 2 ☐ No watercourse or lake protection zone?

If no, explain: _____

50. Describe the protective measures and zone widths for the watercourse and lake protection zones that are in the plan area: There are two undeveloped springs on the harvest area. A 50 foot equipment exclusion zone has been flagged with blue flagging around the springs and all trees marked within the exclusion zone will be felled away from the springs and end lined out. 50% of the over-story and understory vegetation will be left to shade the spring.
- _____

WILDLIFE

51. 1 ☐ Yes Are any known rare or endangered species or species of special
 2 ☒ No concern including key habitat associated with the TRP area?
 If yes, identify the species and the provisions to be taken for protection of the species: _____
- _____
- _____

52. 1 ☐ Yes Are there any snags which must be felled for fire protection or
 2 ☒ No other reasons?
 If yes, describe which snags are going to be felled: _____
- _____
- _____

53. 1 ☐ Yes Are any other provisions for wildlife protection required
 2 ☒ No or recommended by the rules?
 If yes, describe provisions: A number of old growth trees were left along the rock bluff for wildlife perch and nesting sites.
- _____

CULTURAL RESOURCES

54. 1 ☒ Yes Has an archaeological survey been made of the areas to be harvested?
 2 ☐ No
 3 ☐ Unknown

55. 1 ☒ Yes Are any recorded archaeological or historical sites located in the
 2 ☐ No area to be harvested?
 3 ☐ Unknown

If yes, describe how the sites are to be protected (if necessary): There is
one site near the southern most spring and an equipment exclusion zone has
been flagged with blue flagging around the site. Trees marked within the
site will be felled away from the site and endlined out.

HAZARD REDUCTION

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

- 1 ☒ pile and burn
 2 ☒ logging
 3 ☐ other (specify) _____
 4 ☐ not applicable, no fire protection zones present.

57. 1 ☐ Yes If the clearcutting method is used, will broadcast burning be used
 2 ☒ No for site preparation?

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

- 1 ☒ timber operator
 2 ☐ timber owner
 3 ☐ timberland owner

PUBLIC NOTICE

59. 1 ☒ Yes Are there any ownerships within 300 feet of the plan boundary which
 2 ☐ No are owned by persons other than the persons executing this plan?
 If yes, check those parts of item 60 that apply:

60. 1 ☐ A Notice of Intent was mailed to adjacent landowners
 2 ☐ A Notice of Intent was published in a newspaper
 3 ☒ There are 15 or less names for ownerships within 300 feet of the plan boundary, and the Department shall mail the Notice of Intent

61. 1 ☒ Yes A list of the names and address of the adjacent property owners
 2 ☐ No is attached to the THP

PESTS

62. 1 ☒ Yes Are there any adverse insect, disease, or pest problems of
 2 ☐ No significance in the plan area?

If yes, describe mitigation measures, if any, to improve the health and productivity of the stand: There are several pockets of mistletoe infestation which will be cut heavily to reduce the source of infestation as much as possible.

ATTACHMENTS

63. Check if attachment is included with the plan:

- | | | |
|----|-------------------------------------|---|
| 1 | <input type="checkbox"/> | Notice of Stream Bed Alteration to Department of Fish and Game |
| 2 | <input checked="" type="checkbox"/> | Estimated Surface Soil Erosion Hazard Calculations |
| 3 | <input checked="" type="checkbox"/> | Addendum for Silviculture Alternative Prescription |
| 4 | <input type="checkbox"/> | Addendum for Winter Period Operations Plan |
| 5 | <input checked="" type="checkbox"/> | Notice of Intent to Harvest Timber |
| 6 | <input checked="" type="checkbox"/> | Maps |
| 7 | <input type="checkbox"/> | Written Notice of Plans to the timber operator, timberland owner, or timber owner that did not sign the THP |
| 8 | <input type="checkbox"/> | Addendum for item 25 of plan, as needed |
| 9 | <input checked="" type="checkbox"/> | Addendum for item 38 of plan, as needed |
| 10 | <input checked="" type="checkbox"/> | Addendum for item 61 providing the names and addresses, as needed |
| 11 | <input type="checkbox"/> | Other _____ |

REGISTERED PROFESSIONAL FORESTER

64. I have the following authority, responsibilities, and limitation for preparation or administration of the THP and timber operation: I am
responsible for the preparation of the timber harvest plan.

65. In addition to preparing this plan, I have notified the timber owner and the timberland owner, in writing, of their responsibilities for compliance with the stocking requirements of the rules ☒ yes ☐ no and for the maintenance of erosion control structures ☒ yes ☐ no, and of the marking requirements contained in the rules ☒ yes ☐ no.

66. I will supply the timber operator with a copy of the approved THP ☒ yes
☐ no.

67. Registered Professional Forester:

Signature: Stephen M. Jones Date 11/14/85
 Registration Number 2125

58.

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 employee, to enter the premises to inspect timber operations and to determine compliance with the Forest Practice Rules.

Timber Owner: California State Lands Commission

Signature: Robert J. Shimer Date 11-15-85

Printed Name ROBERT J. SHIMER Title Forester III

Timber Landowner: California State Lands Commission

Signature: Robert J. Shimer Date 11-15-85

Printed Name ROBERT J. SHIMER Title Forester III

Timber Operator: _____

Signature: _____ Date _____

Printed Name _____ Title _____

DIRECTOR OF FORESTRY

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

By: Richard Schwenheide Richard Schwenheide
 (Signature) (Printed Name)

Forester III / May 19, 1986
 (Title) (Date)

ADDENDUM - SQUAW VALLEY

3. Timber Operator

Will be supplied when the sale has sold.

15. Alternative Prescription

1. Description of stand prior to harvest:

- A. Species composition - 100% Jeffrey pine
- B. Current stocking - 110 sq. ft./acre
- C. B.A. to be removed - 44 sq. ft./acre

2. Stand management constraints:

This property has been trespassed on in the past, probably the 1930's, and the old growth was "high-graded" at that time. The timber stand is of a "swiss cheese" configuration with pockets of Jeffrey pine amid openings of lava, juniper, manzanita and mountain mahogany. There are old growth Jeffrey pine widely scattered over the harvest area with a pole and sapling stand in pockets. There are a number of pockets with mistletoe which will be cut heavier to reduce the mistletoe as much as possible. This area is site IV & V timberland.

- 3. The silvicultural methods which are most nearly appropriate or feasible are a combination of seed tree removal cut, sanitation salvage, and commercial thinning. These three silvicultural methods are not really appropriate because of the numerous non-stocked areas scattered throughout the stand.
- 4. This proposed alternative prescription will not differ from the most nearly feasible silvicultural method in terms of securing regeneration, protecting soil, water quality, wildlife habitat, and visual appearance; and in terms of fire, insect and disease protection.
- 5. A. The alternative prescription will create a mosaic of even aged aggregations within the harvest area.

B. The tree species composition of the post-harvest stand will be 100% Jeffrey pine. The post-harvest basal area will be at least 66 sq. ft./acre and the point count standard for site IV and V land of 150 will be met. Meeting these standards is based on sampling only the areas that are stocked prior to harvest.
- 6. A. Marking Guidelines

The oldgrowth trees will be removed, except for a number specifically left along the bluff for wildlife perch and nesting sites. The pole size aggregations will be commercially thinned, removing the suppressed, less thrifty and slower growing trees to favor the best growing more superior trees. The small areas of heavy mistletoe infestation will be heavily cut to remove as much of the infestation source as possible and still meet the stocking standards on the overall harvest area.

- B. The timber to be removed is 100% marked with orange paint.
- C. The harvest area will meet stocking immediately upon completion of harvest.

38. Roads and Landings

It was felt it was not necessary to flag the temporary road location prior to THP submission because:

1. Of the gently topography, 10% to 20% slope, and low E.H.R.
2. Over 50% of the road will be located on non timbered lava rock outcroppings.
3. Where the road will pass through timbered ground it will follow existing skid roads wherever possible.
4. A minimal amount of soil will be displaced with the construction, the main emphasis will be on removing surface rock and brush to make it passable with a log truck.
5. It is not known at this time who the operator will be and the exact location will depend on the type of equipment the operator has.
6. There are existing skid trails over most of the area now and the road may not need to be constructed.
7. Before construction begins the road location will be agreed to on the ground by the operator, C.D.F. and the R.P.F. submitting this T.H.P.

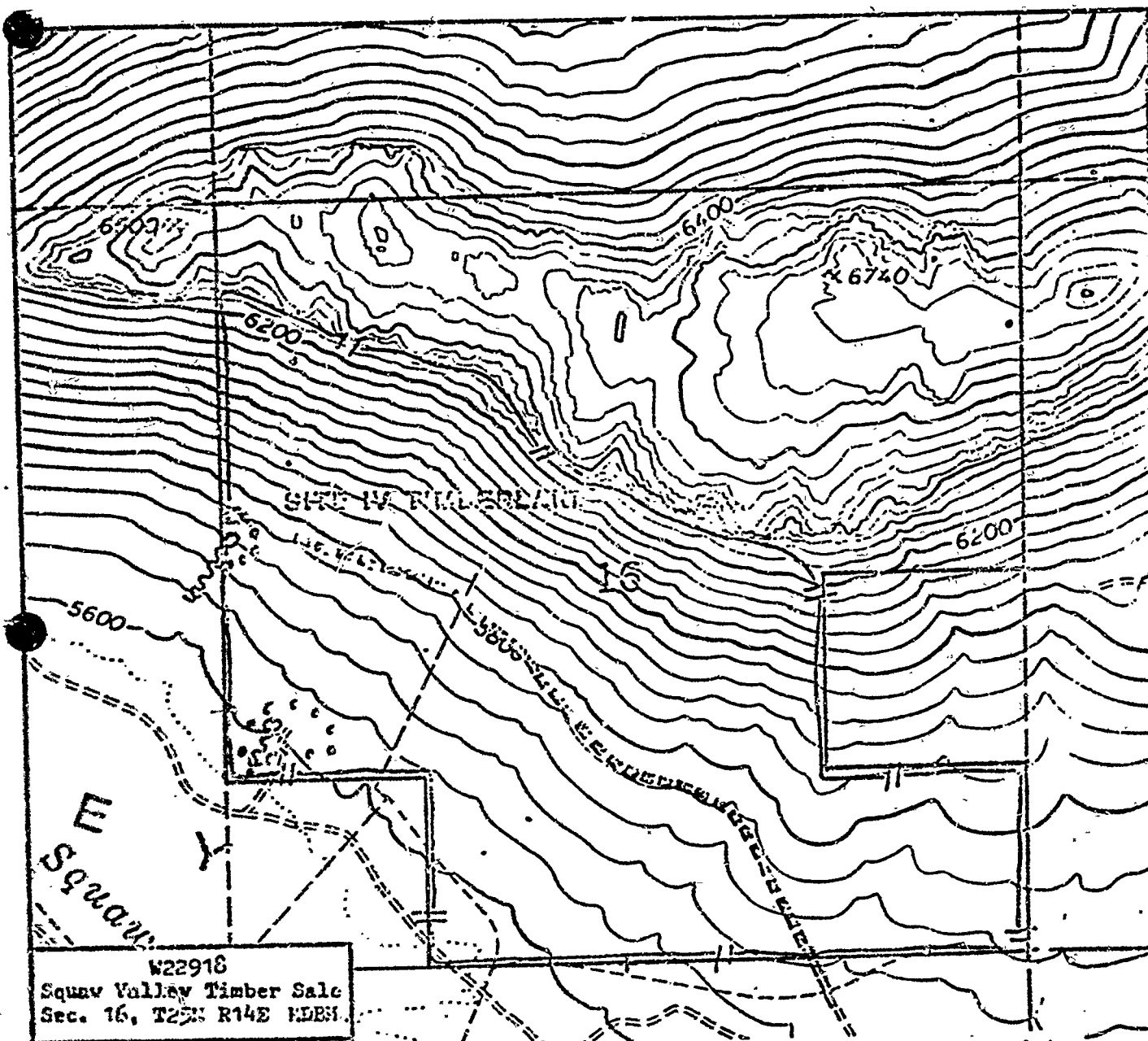
61. Names and addresses of adjacent landowners.

1. ~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
2. Five Dot Land & Cattle Co.
P.O. Box 569
Susanville, CA 96130
3. U.S.D.A. Forest Service
Supervisor's Office
Quincy, CA 95971

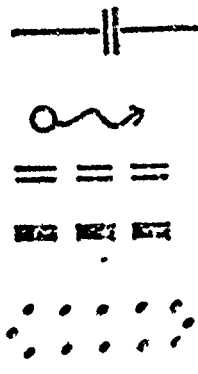
68. Timber Operator

Will be supplied after the timber has sold.

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W22918
Squaw Valley Timber Sale
Sec. 16, T22N R14E EDEM



Boundary; Alternative Prescription,
Logging, and Low Erosion
Hazard Rating Area

Spring, Class II Watercourse

Seasonal Road

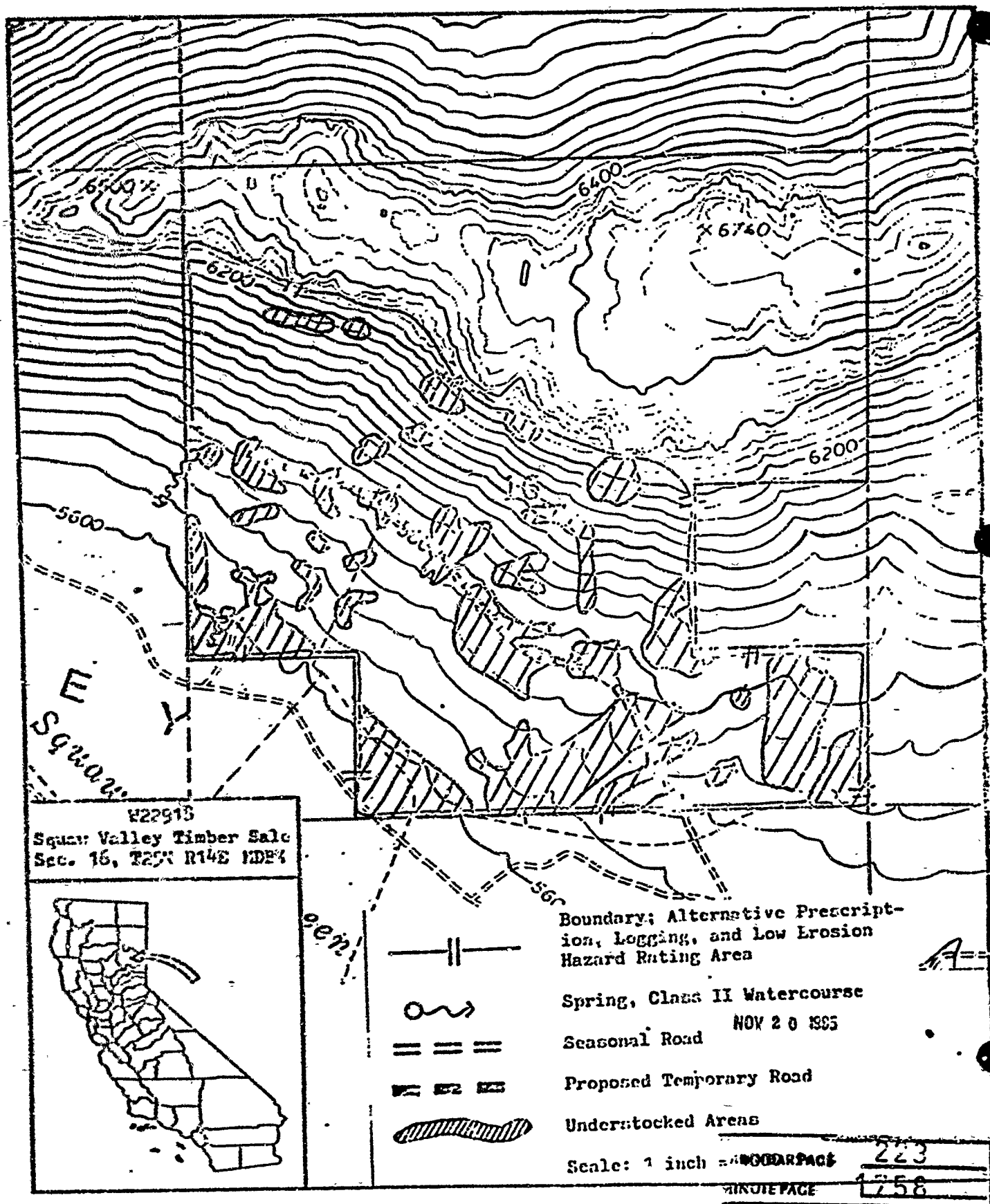
Proposed Temporary Road

Equipment Exclusion Zone for
Watercourse and Archaeological

Scale: 1 inch

NOV 20 1985

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1000 1-25
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STATE OF CALIFORNIA
BOARD OF FORESTRY
ESTIMATED SURFACE SOIL
EROSION HAZARD

2-85-384-PLU(2)

Addendum - Squaw Valley

I. SOIL FACTORS

A. SOIL TEXTURE	FINE	MEDIUM	COARSE	FACTOR RATING
1. DETACHABILITY	LOW	MODERATE	HIGH	13
RATING	1-9	10-18	19-30	
2. PERMEABILITY	SLOW	MODERATE	RAPID	3
RATING	5-4	3-2	1	

B. DEPTH TO RESTRICTIVE LAYER OR BEDROCK

	SHALLOW	MODERATE	DEEP	
	1"-19"	20"-39"	40"-60" (+)	10
RATING	15-9	8-4	3-1	

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

	LOW	MODERATE	HIGH		
	(-) 10-39%	40-70%	71-100%	5	FACTOR RATING
RATING	10-6	5-3	2-1		

SUB TOTAL 31

II. SLOPE FACTOR

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

III. PROTECTIVE VEGETATIVE COVER REMAINING AFTER DISTURBANCE

	LOW	MODERATE	HIGH	6
	0-10%	41-60%	81-100%	
RATING	15-8	7-4	3-1	

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

	LOW	MODERATE	HIGH	EXTREME	4
	(-) 30-39	40-59	60-69	70-80	
RATING	1-3	4-7	8-11	12-15	

TOTAL SUM OF FACTORS 46

EROSION HAZARD RATING

<50	50-65	66-75	>75
LOW	MODERATE	HIGH	EXTREME
THE DETERMINATION IS			
Low			

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