

MINUTE ITEM  
This Calendar Item No. 18  
was approved as Minute Item  
No. 18 by the State Lands  
Commission by a vote of 2  
to 0 at its 5/30/87  
meeting.

CALENDAR ITEM

A 2

18

05/28/87

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AGREEMENT GRANTING RECIPROCAL ROAD USE EASEMENTS

APPLICANT: Pacific Gas and Electric  
Company  
111 Stony Circle  
Santa Rosa, California 94501-9599

AREA, TYPE LAND AND LOCATION:  
Road is approximately 7.27 acres on Pacific  
Gas and Electric Company (P.G.&E.) land,  
(Sections 27, 28, 34) and 2.88 acres on State  
Lands Commission (SLC) land, (Section 34) near  
Trout Creek, Mendocino County. The Sections  
referred to are in T18N R11W, MDM.

LAND USE: Road right-of-way.

TERMS OF PROPOSED AGREEMENT:

Initial period: 49 years beginning April 1,  
1987.

Special: (a) P.G.&E. shall not be  
liable and State shall  
indemnify, hold harmless  
and, at the option of  
P.G.&E., defend P.G.&E.,  
its officers, agents,  
and employees against  
and for any and all  
liability, claims,  
damages or injuries of  
any kind and from any  
cause, occurring on  
P.G.&E.'s property or  
improvements, or arising  
out of or connected in

CALENDAR ITEM NO. 18 (CONT'D)

anyway with any negligent act or omission of State, its contractors, representatives and assigns in the exercise of the right herein granted, to the extent allowable under law and subject to legislative appropriation.

- (b) State shall give prompt notice to P.G.&E. in case of accident, injury or casualty on P.G.&E.'s property.
- (c) State shall not be liable and P.G.&E. shall indemnify, hold harmless and, at the option of State, defend State, its officers, agents, and employees against and for any and all liability, claims, damages or injuries of any kind and from any cause, occurring on State's property or improvements, or arising out of or connected in anyway with any negligent act or omission of P.G.&E., its contractors, representatives and assigns in the exercise of the right herein granted.
- (d) P.G.&E. shall give prompt notice to State in case of accident, injury or casualty on State's property.

CALENDAR ITEM NO. 18 (CONT'D)

**APPLICANT STATUS:**

Applicant is owner of 7.27± acres of property that will be used as a road right-of-way.

**PREREQUISITE CONDITIONS, FEES AND EXPENSES:**

Filing fee has been received.

**STATUTORY AND OTHER REFERENCES:**

- A. P.R.C.: Div. 6, Parts 1 and 2; Div. 13.
- B. Cal. Adm. Code: Title 2, Div. 3; Title 14, Div. 6.

AB 884:

08/10/87.

**OTHER PERTINENT INFORMATION:**

1. SLC staff and P.G.&E. have negotiated a mutually beneficial agreement providing for reciprocal use of roads within Township 18 North, Range 11 West, M.D.B.M., Mendocino County. This agreement will provide access to two parcels of SLC property in return for access to P.G.&E.'s property to facilitate a timber harvest.
2. P.G.&E. has filed a Timber Harvesting (1-86-659 MEN./LAK.) Plan with the California Department of Forestry. The Director of Forestry has found that the plan conforms with the rules and regulations of the Board of Forestry pursuant to the provisions of Z'Berg-Nejedly Forest Practice Act of 1973.
3. The staff has received a letter addressed to Lt. Governor McCarthy from "Friends of Trout Creek". The letter expresses opposition to the timber harvest proposed for the P.G.&E. parcel in the Trout Creek, Eel River area. The approved timber harvest plan contemplates construction of several roads required to cut and remove the timber, one of which would cross State school land. Therefore "Friends of Trout Creek" object to issuance of this proposed permit.

CALENDAR ITEM NO. 18 (CONT'D)

The staff has checked with the Department of Fish and Game and determined that it has no objection to the proposed timber harvest. The staff believes that the reciprocal road agreement is very desirable in that it will provide access to an otherwise landlocked State parcel, greatly increasing manageability and value. Friends of Trout Creek has been advised of the staff's position.

Staff recommends that the Commission approve the reciprocal road agreement because it conforms with the management goals set forth in the School Land Bank Act.

4. An environmental analysis document was circulated and adopted for this project by the California Department of Forestry as provided under P.R.C. 21080.5 and 14 Cal. Adm. 15251(a).

The staff of the State Lands Commission has reviewed such environmental analysis document and believes that the conditions have been met for the Commission as a Responsible Agency to use the document as an EIR substitute as provided under 14 Cal. Adm. Code 15253.

**APPROVALS OBTAINED:**

Department of Forestry, Mendocino County,  
Department of Fish and Game, and United States  
Fish and Wildlife.

**EXHIBITS:**

- A. Land Description.
- B. Location Map.
- C. Agreement Granting Reciprocal Road Use Easements.
- D. Approved Timber Harvest Plan.

**IT IS RECOMMENDED THAT THE COMMISSION:**

1. FIND THAT AN ENVIRONMENTAL ANALYSIS DOCUMENT WAS CIRCULATED AND ADOPTED FOR THIS PROJECT BY THE CALIFORNIA DEPARTMENT OF FORESTRY UNDER ITS CERTIFIED STATE REGULATORY PROGRAM

CALENDAR ITEM NO. 18 (CONT'D)

(14 CAL. ADM. CODE 15251(a)) AND THAT THE CONDITIONS AS SPECIFIED IN 14 CAL. ADM. CODE 15253(b) HAVE BEEN MET FOR THE COMMISSION AS A RESPONSIBLE AGENCY TO USE SUCH ENVIRONMENTAL ANALYSIS DOCUMENT AS AN EIR SUBSTITUTE.

2. DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
3. AUTHORIZE EXECUTION OF THIS AGREEMENT GRANTING RECIPROCAL ROAD USE EASEMENTS TO PROVIDE ACCESS TO AND ACROSS LANDS OWNED BY THE RESPECTIVE PARTIES IN MENDOCINO COUNTY ON THE LAND SHOWN IN EXHIBIT "A" ATTACHED AND BY REFERENCE MADE A PART HEREOF.

T 18 N, R 11 W  
MENDOCINO COUNTY

SECTION 28

SECTION 27

PG&E

SLC

Trout Creek

County Road

SLC

PG&E

SECTION 33

SECTION 34

~~ROADS TO BE INCLUDED~~  
~~IN PERMANENT RECIPROCAL~~

Roads to be included in permanent reciprocal  
road agreement between PG&E and State Lands  
Commission

EXHIBIT "A"

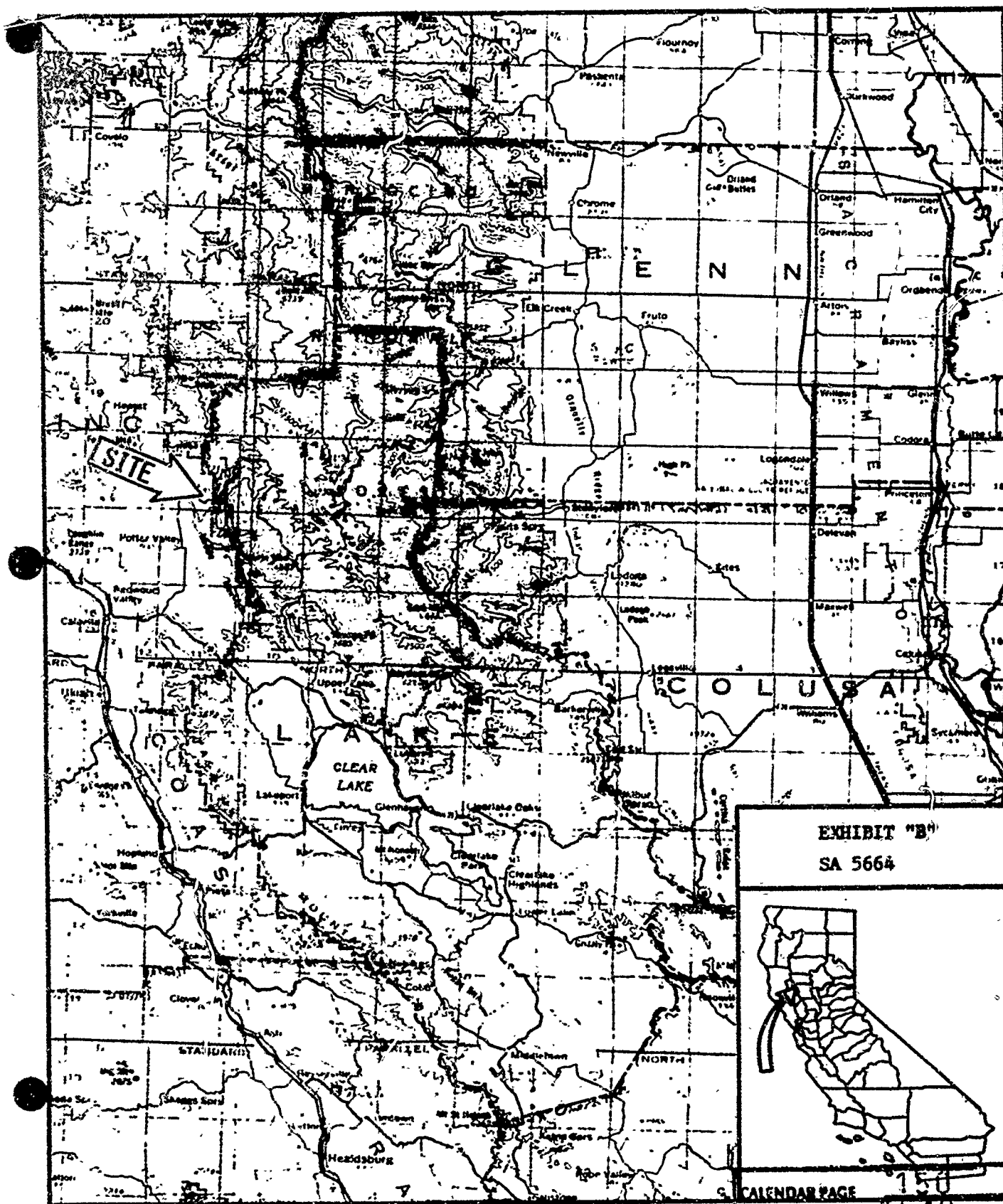
SA 5664



CALENDAR PAGE

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To Santa Rosa 15 Miles

EXHIBIT "B"

SA 5664

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EXHIBIT "C"

AGREEMENT GRANTING RECIPROCAL ROAD USE EASEMENTS

This agreement is by and between Pacific Gas and Electric Company, a corporation organized under the laws of the State of California, hereinafter referred to as "PG&E; and the State of California, acting by and through the State Lands Commission, hereinafter referred to as "State", over and across the lands situate in the County of Mendocino, State of California, described as follows:

State is the owner of that certain real property described as the NW 1/4 of the NW 1/4 of Section 34, and the NE 1/4 of the SE 1/4 of Section 28, T18N, R11W, MDB&M, hereinafter referred to as "State's property"; and

PG&E is the owner of that certain real property described as the SW 1/4 of Section 27, NE 1/4 of the NW 1/4 of Section 34, SE 1/4 of the SE 1/4 of Section 28, T18N, R11W, MDB&M, hereinafter referred to as "PG&E's property"; and

State desires to obtain an easement for road purposes across PG&E's property in order to obtain access to and from the State's property for timber management purposes; and

PG&E desires to obtain an easement for road purposes across the State's property in order to obtain access to and from PG&E property for timber management purposes.

Public Resources Code Section 6210.9 authorizes the State under specified circumstances to exchange easements across State lands for easements across adjoining lands.

In consideration of the foregoing, it is mutually agreed between the parties hereto as follows:

1. State grants unto PG&E an easement for road purposes upon State's property as depicted on Exhibit "A", attached hereto and hereby made a part hereof. PG&E, its contractors, representatives and assigns shall have the right to use the road without cost for all purposes deemed necessary or desirable in connection with the protection, administration, management, and utilization of its lands or resources, and shall have the right to construct, reconstruct, and maintain the road within the easement.



2. PGandE grants to State an easement for road purposes upon PGandE's property as depicted on Exhibit "A", attached hereto and hereby made a part hereof. State, its contractors, representatives and assigns shall have the right to use the road without cost for all purposes deemed necessary or desirable in connection with the protection, administration, management and utilization of its lands or resources, and shall have the right to construct, reconstruct, and maintain the road within the easement.
3. The grant by State to PGandE (paragraph 1) shall be appurtenant to PGandE's property. The grant by PGandE to State (paragraph 2) shall be appurtenant to State's property.
4. Each party hereto shall not use the interest granted it for purposes which would unreasonably damage the surface or the subsurface thereof, and will repair any such damage as soon as practicable after such damage occurs.
5. If either party hereto maintains a locked gate or other impediment to the other party's use of the interest granted to said other party by this agreement, that party shall timely furnish said other party with a key or other instrument and/or information to enable said other party to use the interest granted it by this agreement.
6. Each interest granted by this agreement is granted subject to all outstanding liens, encumbrances, claims of title and all other valid legal and/or equitable interests affecting the interest granted.
7. The term of this agreement shall be for a period of forty-nine (49) years commencing April 1, 1987 and terminating March 31, 2036.
8. The grant of said easement by the State in paragraph 1. hereof shall not be construed to include oil, gas, oil shale, coal, phosphate, sodium, gold, silver, or any other mineral deposits belonging to the State, as provided for in Public Resources Section 6401(a).
9. Both parties reserve the right to lease, convey, grant easements across, or otherwise transfer or encumber their respective properties so long as said transfer or encumbrance or any use resulting therefrom does not unreasonably interfere with the interest granted to the other party by this agreement.
10. (a) PGandE shall not be liable and State shall indemnify, hold harmless and, at the option of PGandE, defend PGandE, its officers, agents, and employees against and for any and all liability, claims, damages or injuries of any kind and from any cause, occurring on PGandE's property or improvements, or arising out of or connected in any way with any negligent act or omission of State, its contractors, representatives and assigns in the exercise of the right herein granted, to the extent allowable under law and subject to legislative appropriation.  
  
(b) State shall give prompt notice to PGandE in case of accident, injury or casualty on PGandE's property.

11. (a) State shall not be liable and PGandE shall indemnify, hold harmless and, at the option of State, defend State, its officers, agents, and employees against and for any and all liability, claims, damages or injuries of any kind and from any cause, occurring on State's property or improvements, or arising out of or connected in any way with any negligent act or omission of PGandE, its contractors, representatives and assigns in the exercise of the right herein granted, to the extent allowable under law and subject to legislative appropriation.
- (b) PGandE shall give prompt notice to State in case of accident, injury or casualty on State's property.
12. This agreement shall inure to the benefit of and be binding upon the heirs, devisees and successors to the parties hereto.
13. This agreement shall become effective on the date when it is duly executed by both PGandE and the State.

PACIFIC GAS AND ELECTRIC COMPANY

By *Don Van Allen*  
Don Van Allen

Title Manager, Regional General Services

Date: 3/26/77

STATE OF CALIFORNIA  
STATE LANDS COMMISSION

By \_\_\_\_\_

Title \_\_\_\_\_

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

The issuance of this agreement was  
authorized by the State Lands  
Commission on

month / day / year

T 18 N, R 11 W  
MENDOCINO COUNTY

SECTION 28

SECTION 27

PG&E

SLC

Trout Creek

County Road

SLC

PG&E

SECTION 33

SECTION 34

ROADS TO BE INCLUDED IN PERMANENT RECIPROCAL  
ROAD AGREEMENT BETWEEN PG&E AND STATE LANDS  
COMMISSION

Roads to be included in permanent reciprocal  
road agreement between PG&E and State Lands  
Commission

EXHIBIT "A"

SA 5664



CALENDAR DATE

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## EXHIBIT "D"

STATE OF CALIFORNIA  
DEPARTMENT OF FORESTRY  
RM-43(6/86)

## TIMBER HARVESTING PLAN

FOR ADMINISTRATIVE USE ONLY  
THP No. 1-R6-659 MEM/LAK  
Date Recd DEC 23 1986  
Date Filed JAN 9 1987  
Date Approved FEB 11 1987

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 PACIFIC GAS AND ELECTRIC COMPANY  
Address 77 BEALE STREET, ROOM 2009  
City SAN FRANCISCO State CA Zip 94106 Phone (415) 973-5762

2. TIMBERLAND OWNER(S) Name SAME AS ABOVE  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

3. TIMBER OPERATOR(S) Name SAME AS ABOVE  
Address \_\_\_\_\_ License # A444  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

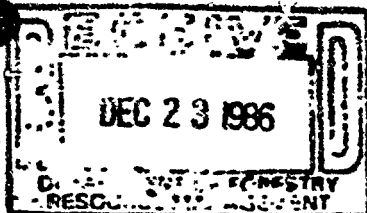
4. PLAN SUBMITTER(S) Name DAVID L. GOEHRING  
If the plan submitter is different from 1, 2, or 3 explain authority to submit plan:  
R.P.F. EMPLOYED BY PG&E

5. Person to contact on-site who is responsible for the conduct of the operation:

Name DAVID L. GOEHRING  
Address P. O. BOX 340  
City RED BLUFF State CA Zip 96080 Phone (916) 527-5880

6. RPF preparing the THP Name SAME AS ABOVE  
Address \_\_\_\_\_ Registration Number 1714  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

CBF STOCK NO. 7540-138-8863



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April 1

7. Expected commencement date of timber operations: MARCH 15, 1987

8. Expected completion date of timber operations: OCTOBER 15, 1987

9. Forest products to be harvested: SAWLOGS, CULL LOGS

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

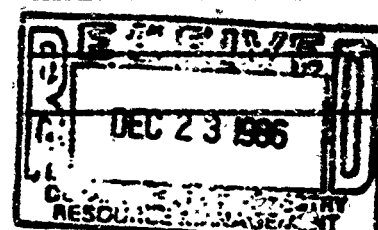
11. Location of the timber operation by legal description:

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

Section	Township	Range	Approximate Acreage	County	(Optional: Assessors Parcel No.)
22	18N	11W	10	Mendocino	
26	18N	11W	10	Lake	
27	18N	11W	406	Mendocino	
28	18N	11W	85	Mendocino	
33	18N	11W	5	Mendocino	
34	18N	11W	94	Mendocino	
35	18N	11W	27	Mendocino	

TOTAL ACREAGE 637

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: N/A

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: N/A

14. ☒ Yes ☐ No Is any part of the plan within a special treatment area, Tahoe Regional Planning Agency jurisdiction, or a county which has special rules?  
 If yes, identify the special area: There are 5 archeological sites within PGandE's ownership as shown on the attached map. Only one of these sites is within the timber sale boundary. The other four are located in no-cutting areas.

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

11 ☐ Clearcutting      21 ☐ Shelterwood, preparatory step      31 ☐ Shelterwood, seed step  
 41 ☐ Shelterwood, removal step      51 ☐ Seed tree, seed tree step      61 ☐ Seed tree, seed tree removal step

71 ☒ Selection - designate basal area stocking standards to be met: 100 ft. square; all timberland is Site 1

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

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

101 ☐ Special treatment areas      111 ☐ Rehabilitation of understocked areas  
 121 ☒ Alternative prescription      131 ☐ Transition method

NOTE: Where the level of stocking is based upon timberland site, timberland site's must be shown on the map.  
All timberland is Site 1. SEE ADDITIONAL RESPONSE.

## EXHIBIT "D"

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

## TIMBER HARVESTING PLAN

FOR ADMINISTRATIVE USE ONLY  
THP No. 1-86-659 MEN/LAK  
Date Recd DEC 23 1986  
Date Filed JAN 9 1987  
Date Approved FEB 11 1987

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 PACIFIC GAS AND ELECTRIC COMPANY

Address 77 BEALE STREET, ROOM 2009

City SAN FRANCISCO State CA Zip 94106 Phone (415) 973-5782

2. TIMBERLAND OWNER(S) Name SAME AS ABOVE

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

3. TIMBER OPERATOR(S) Name SAME AS ABOVE

Address \_\_\_\_\_ License # A441

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

4. PLAN SUBMITTER(S) Name DAVID L. GOEHRING

If the plan submitter is different from 1, 2, or 3 explain authority to submit plan:

R.P.F. EMPLOYED BY PG&E

5. Person to contact — one who is responsible for the conduct of the operation:

Name DAVID L. GOEHRING

Address P. O. BOX 340

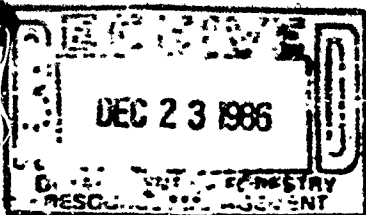
City RED BLUFF State CA Zip 96080 Phone (916) 527-5880

6. RPF processing the THP Name SAME AS ABOVE

Address \_\_\_\_\_ Registration Number 1714

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

COF STOCK NO. 7549-130-0043



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?

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

N/A

#### HARVESTING PRACTICES AND EROSION CONTROL

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

☒ Tractor, skidder, forwarder

☒ Balloon, helicopter

☒ Cable, ground-load (refer to map)

☒ Cable, high-load

☒ Cable, skyline

☒ Animal

☒ Other: \_\_\_\_\_

20. ☐ Yes ☒ No Will tractor constructed layouts be used?

21. ☒ Yes ☐ No Will tractors be used for directional tree pulling? where needed along drainages

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

22. ☒ Yes ☐ No Operations on unstable soils or slide areas? See attached letter from Division of Mines & Geology. Recommendations will be followed.

23. ☐ Yes ☒ No Operations on slopes over 45%?

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:

24. There are small areas with slopes over 50% which will be tractor logged. Skid trails will be flagged and located & drained so as to not adversely affect watercourses. There is no other harvesting method which could be used on these areas.

26. Indicate erosion hazard ratings present on this THP:

☐ Low

☐ Moderate

☒ High

☒ Extreme (refer to attached map)

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 & temporary roads will be waterbreaked as per 934.6. Permanent roads will be drained by either outslipping or by installing rolling dips. Cable roads will be waterbreaked by hand, if needed.

DEC 23 1986

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28. ☒ Yes ☐ No Are any alternative practices or exceptions to the standard harvesting or erosion control practices permitted in the rules proposed for this plan? If yes, explain and justify:

N/A SEE ITEM 24

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 14 CAC 914.7(c), 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? (refer to attached map)  
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?  
Refer to Recommendation G-1 in attached letter from Division of Mines & Geology.  
This recommendation will be adhered to.
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.  
(refer to #33 above)

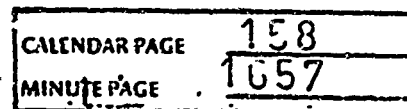
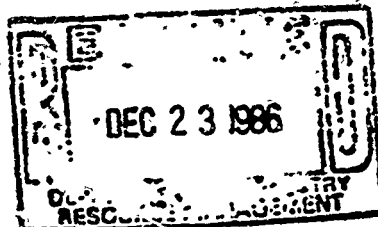
#### WATERCOURSES AND LAKES

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:

Stream protection zones have been flagged to follow natural benches or roads where appropriate. In some cases, the zones are wider than required by the rules, and in other cases, the zones are less than required. These variances are not long enough to map. SEE ADDITIONAL RESPONSE.

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?





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)? (refer to Item #40)

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:

All trees to be harvested within zones have been marked by R.P.F.

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:

The following snags will be felled: 1) snags within 300 ft. of main ridge taps, 2) snags within 100 ft. of all roads, except snags which are between county road and the Eel River.

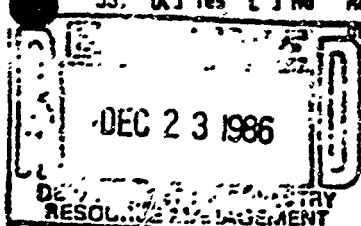
53. ☐ Yes ☒ No Are any other provisions for wildlife protection required by the rules? If yes, describe provisions:

#### CULTURAL RESOURCES

54.a. ☒ 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.



### HAZARD REDUCTION

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

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

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

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

- 1C ☐ Timber owner, 2C ☐ Timber operator, 3C ☐ 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.

### PESTS

40. ☒ 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.  
**SEE ADDITIONAL RESPONSE.**

### 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

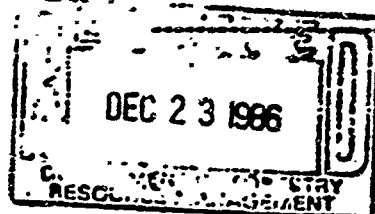
62. Check if the attachments listed are included with the plan:

- 1C ☒ Notice of Stream Bed Alteration to Department of Fish and Game (A copy of this notice is attached to the instructions for your use.)  
2C ☒ Estimated Surface Soil Erosion Hazard Calculations  
3C ☒ Notice of Intent to Harvest Timber and a list of names and addresses of adjacent property owners  
4C ☒ Maps  
5C ☒ Addendum for silviculture information  
6C ☐ 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 am responsible to ensure that the timber operator adheres to all provisions  
of the approved THP and logging contract.



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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: David L. Goshing Date 12-18-86

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: PACIFIC GAS AND ELECTRIC COMPANY, 77 BEALE ST., RM. 2009, S. F., CA 94016

Signature: J. E. Whitacre Date December 11, 1986

Printed Name: J. E. Whitacre RPF 999

Timberland Owner: SAME AS ABOVE

Signature: J. E. Whitacre Date December 11, 1986

Printed Name: J. E. Whitacre RPF 999

Timber Operator: SAME AS ABOVE

Signature: J. E. Whitacre Date December 11, 1986

Printed Name: J. E. Whitacre RPF 999

DIRECTOR OF FORESTRY

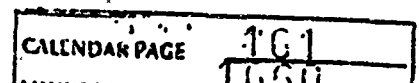
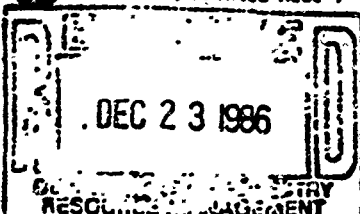
This Timber Harvesting Plan conforms to the rules and regulations of the Board of Forestry and with the Forest Practice Act.

By: Ross Johnson Date 2-11-87  
( Signature ) ( Date )

Checked Signed by  
Date

RESOURCE MANAGER

( Printed Name ) ( Title )



NOTICE OF INTENT TO HARVEST TIMBER

A Timber Harvesting Plan or an amendment to an existing plan that may be of interest to you has been submitted to the California Department of Forestry for a determination as 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):

☐ California Department of Forestry  
135 Ridgeway Avenue  
P.O. Box 670  
Santa Rosa, California 95402  
(707) 576-2275

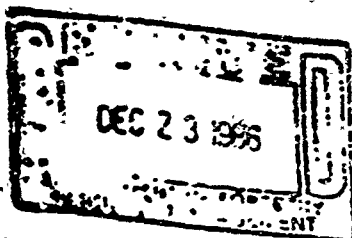
☐ California Department of Forestry  
6105 Airport Road  
Redding, California 96002  
(916) 225-2445

☐ California Department of Forestry  
1234 East Shaw Avenue  
Fresno, California 93710  
(209) 222-3714

☐ California Department of Forestry  
2524 Mulberry Street  
Riverside, California 92501  
(714) 781-4148

A copy of the plan may be obtained for \$1.00 from the Department of Forestry. The following is a summary of the information contained in the plan or amendment:

1. Plan Submitter: \_\_\_\_\_
2. Timberland Owner: \_\_\_\_\_
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):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. Name of nearest perennial stream flowing through or downstream from plan area:  
\_\_\_\_\_  
\_\_\_\_\_
5. Acres on plan: \_\_\_\_\_
6. Proposed harvesting method or treatment: \_\_\_\_\_
7. The earliest estimated date for the Director's determination on the plan is \_\_\_\_\_  
(This is 15 days from the date of receipt of the plan by the Department.) Depending on the review required, the Director's determination on the plan will probably be made 20 to 25 days from the date of receipt of the plan by the Department. Date of receipt was: DEC 23 1985. Check with the Department for the date of decision.



# NOTICE OF INTENT TO HARVEST TIMBER

Timber Harvesting Plan or an amendment to an existing plan that may be of interest to you has been submitted to the California Department of Forestry for a determination as 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 whom 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):

<input checked="" type="checkbox"/> California Department of Forestry	<input type="checkbox"/> California Department of Forestry	<input type="checkbox"/> California Department of Forestry
135 Ridgeway Avenue	6105 Airport Road	1234 Shaw Road
P.O. Box 678	Redding, California 96002	Fresno, California 93710
Santa Rosa, California 95402	(916) 225-2445	(209) 222-3714
(707) 576-2275		

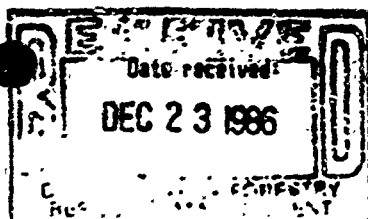
<input type="checkbox"/> California Department of Forestry	<input type="checkbox"/> California Department of Forestry	<input type="checkbox"/> California Department of Forestry
2221 Garden Road	2524 Mulberry Street	
Monterey, California 93949	Riverside, California 92501	
(408) 649-2881	(714) 781-4140	

A copy of the plan may be obtained for \$1.00 from the Department of Forestry. The following is a summary of the information contained in the plan or amendment: PLEASE REFERENCE THE THP NUMBER BELOW.

1. Plan Submitter: David J. Goehring, Pacific Gas and Electric Company
2. Timberland Owner: Pacific Gas and Electric Company
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):  
Lake County and Mendocino County, portions of Sections 22, 26, 27, 28, 33, 34 & 35,  
Township 18 North, Range 11 West, 1-2 miles east of Van Arsdale Reservoir
4. Name of nearest perennial stream flowing through or downstream from plan area:  
Eel River and Trout Creek
5. Acres on plan: 637
6. Proposed harvesting method or treatment: Selection & Alternative Prescription
7. The earliest estimated date for the Director's determination on the plan is

January 17, 1987 (This is 15 days from the date of receipt of the plan by the Department). Depending on the review required, the Director's determination on the plan will probably be made 20 to 25 days from the date of receipt of the plan. Check with the Department for the date of decision.

## DEPARTMENT OF FORESTRY ADMINISTRATIVE USE ONLY



THP or amendment number: 1-86-659 MEN/LAK

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## ADDENDUM

Item #50:

Equipment is due to be excluded from the WCLPZs except at approved stream crossings. There will be at least 50% retention of the understory and overstory vegetation. Directional felling of trees which might enter streams when felled will be done by either pulling or jacking. Debris which unavoidably enters streams will be removed. WCLPZs differ from what the rules require in some areas. Refer to Item #40 for explanation.

Item #51:

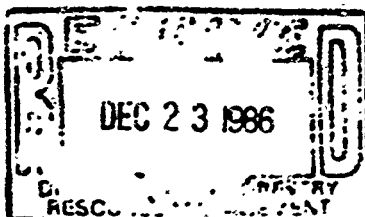
There is an osprey nest located in Section 28, T18N, R11W (shown on attached map). The nest is located in a no-cutting area. Therefore, equipment will not come within 150 feet of the nest. The nest is located adjacent to the Eel River county road. Therefore, the birds should be accustomed to road traffic. *SEE ADDITIONAL RESPONSE.*

Item #55:

California State University at Sonoma conducted a record search and field survey during 1984. Five archeological sites are located on the property (refer to attached maps). Four of the five sites are located in areas which have been excluded from the timber sale area. MEN 1949 is located within the sale area. The site has been flagged, and equipment will be excluded from it.

*SEE ADDITIONAL RESPONSE.*

F:addendum.thp

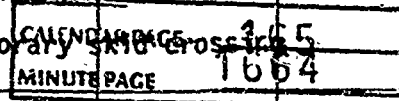
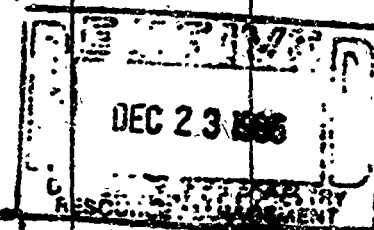


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## TROUT CREEK TIMBER SALE

## STREAM CROSSING NUMBER INFORMATION

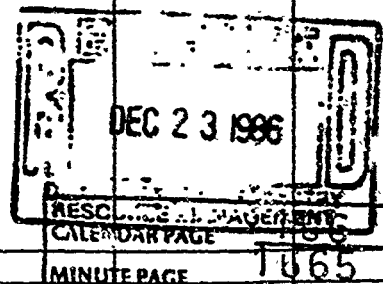
STREAM CROSSING NO.	CULVERT SIZE	FILL DIRT (YARDS)	CREEK NO. CROSSED	COMMENTS:		
0	24"x 20'	5-10	0			
1	30"x 30'	10-15	1			
2	42"x 30'	20	2			
3	18"x 30'	5-10	3			
4	36"x 20'	10	4			
5	<del>18"x 20'</del>	<del>5</del>	5	Temporary WILL NEED DRAIN PIPE		
6	<del>18"x 20'</del>	<del>5</del>	6	Temporary		
				Start excavating 75' south of #7		
7	<del>30"x 25'</del>	<del>5</del>	7	Temporary		
8	60"x 70'	60-70	8	-Trash rake installed -Creek #8 rechanneled to original channel -Excavated dirt to be used as fill		
				Stop excavating 175' north of #8		
8½	<del>12"x 20'</del>	<del>5</del>		Temporary		
9	<del>24"x 20'</del> <del>12"x 20'</del>	<del>5</del>	9	Temporary Spring 35' south of #10		
10	<del>24"x 20'</del>	<del>5</del>	10	Temporary		
11	<del>12"x 20'</del>	<del>5</del>	11	Temporary		
11½	24"x 25' (use native material: lay logs next to pipe to reduce fill)	10	Trout Crk.	Temporary crossing		
12½	<del>12"x 20'</del>	<del>5</del>		Temporary - DRAIN PIPE NECESSARY		
12	<del>30"x 20'</del> <del>30"x 20'</del>	<del>5-10</del>	12	Temporary Slide area: pipe separated to handle both forks of slide		
13½	<del>12"x 20'</del>	<del>5</del>		Temporary		
13-3/4	<del>12"x 20'</del>	<del>5</del>		Spring Temporary		
13	30"x 30'	10	13	Temporary		
15	18"x 20'	5	T	Temporary		
16	Humboldt crossing		T	Temporary		



# TROUT CREEK TIMBER SALE

## STREAM CROSSING NUMBER INFORMATION

STREAM CROSSING NO.	CULVERT SIZE	FILL DIRT (YARDS)	CREEK NO. CROSSED	COMMENTS:
17	Humboldt crossing		T	Temporary skid crossing
18	18"x 20'	5	16	Temporary
T 19	<del>30"x 20'</del>		35 & Oat Gap Road	TEMPORARY
20	30"x 40'	15		
21				Wet crossing: use rock & native fill
22	24"x 25'	5	25	
23	24"x 20'	5	24	
32	18"x 20'	5	21	
T 33	<del>18"x 20'</del>	5	10	TEMPORARY
T 34	<del>18"x 20'</del>	5		TEMPORARY
T 35	<del>18"x 20'</del>	5		TEMPORARY
T 36	<del>18"x 20'</del>	5		TEMPORARY
T 37	<del>24"x 25'</del>	5	13	TEMPORARY
38	48"x 40'	50	8	
39	24"x 50'	50	10	
40	No pipe			No class
41	36"x 25'	15	H	
42	18"x 25'	5	Y	
43	12"x 25'	5	I	
44	12"x 25'	5	I	
45	18"x 25'	8	H	
46	12"x 20'	8	Z	
47	12"x 20'	3	W	
48	12"x 20'	3		
49	18"x 20'	5		
80	18"x 25'	7		



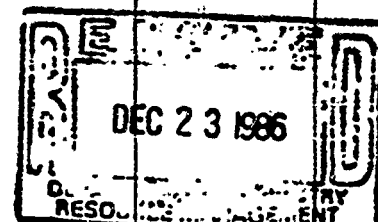


TROUT CREEK TIMBER SALE

STREAM CROSSING NUMBER INFORMATION

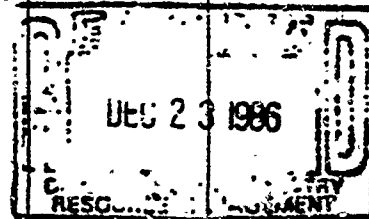
STREAM CROSSING NO.	CULVERT SIZE	FILL DIRT (YARDS)	CREEK NO. CROSSED	COMMENTS:		
81	18"x <sup>60</sup> 25'	7	21			
98	18"x 25'	10				
99	36"x 30'	10				
E1	12"x 20'	3		Road ditch-temporary	As per Mendocino County encroachment permit	
E2	12"x 30'	3		Road ditch-temporary	As per Mendocino County encroachment permit	
E3	18"x 30'	3		Road ditch-temporary	As per Mendocino County encroachment permit	
E4	12"x 30'	3		Road ditch-permanent	As per Mendocino County encroachment permit	
E5	12"x 30'	3		Road ditch-permanent	As per Mendocino County encroachment permit	
E6	12"x 30'	3		Road ditch-temporary	As per Mendocino County encroachment permit	

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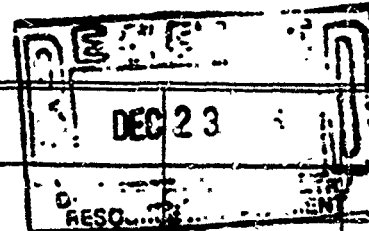
TROUT CREEK TIMBER SALE  
STREAM NUMBER INFORMATION

STREAM #	WCLPZ	CLASS	COMMENTS:
Trout Creek	50-150 (depending on slope, 0-60%)	I	WCLPZ follows natural benches along much of Trout Creek
0		No class	No chance of transport
1	25-50	III	No chance of transporting sediment to Trout Creek--no insects
2	30-50 25-30	II first 1000' III over 1000'	
2, Fork A	25-35	III	
2, Fork B	25-35	III	
2C	50-100 25-50	II first 425' III over 1000' from Trout Creek	
3	None	No class	No chance of transporting sediment to Trout Creek--no insects
4	50' 50'	II first 1000' III over 1000'	Stream begins at a spring & small meadow; 50' WCLPZ around meadow
4A	25-35	III	Begins at spring & then goes underground after 350'
5	50'	II	
6	None	No class	No chance of transporting sediment to Trout Creek--no insects
7	50-100 25-50	II first 1000' III over 1000'	WCLPZ follows natural bench part of the way
7A	50-100 25-50	II first 630' III over 1000' from Trout Creek	
7B	None	No class	
8	50-100 25-50	II first 1000' III over 1000'	
8½		No slide	½ acre slide just uphill from trail
9	25-35	III	No chance of transporting sediment to Trout Creek--no insects
10	25-35	III	Ends at Gap Road
11	25'	III	
12	50'	III	Stream ends at active slide; road crosses near top of slide



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TROUT CREEK TIMBER SALE  
STREAM NUMBER INFORMATION

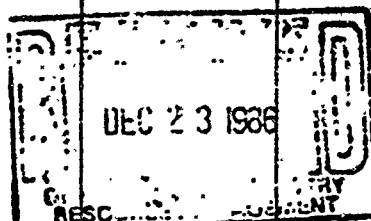


STREAM #	WCLPZ	CLASS	COMMENTS:
13	50-100 30-50	II first 1000' III over 1000'	
14	25-50	III	No chance of transporting sediment to Trout Creek--no insects
15	25'	III	No chance of transporting sediment to Trout Creek--no insects
16	50	II	
17	100	II	East side is in no-cutting area
18	25-50	II	Located in no-cutting area
19	25-100	II	Located in no-cutting area
20	100-200	I	Located in no-cutting area
21	35-50	II	Located in State Lands Comm. property
22	35-50	II	Located in State Lands Comm. property
23	35-60	II	Located in State Lands Comm. property
24	35-50	II	Located in State Lands Commission property except top half
25	35-50	II	Located in State Lands Comm. property
26	35-50	II	Located in State Lands Comm. property
27	50-100	II	
28	25-50	III	
29	35-100	III	
30	35-100	II	4 chains to N-S property line; no trees located in no-cutting area
31	35-100	III	4 chains to meadow; no trees located in no-cutting area
32	35-100	III	6 chains to meadow; no trees located in no-cutting area
33	50-75	II	Located in no-cutting area
34	50-75	II	Located in no-cutting area
35	50-75	II	
36	50-75	II	

PAGE 3 OF 3

TROUT CREEK TIMBER SALE  
STREAM NUMBER INFORMATION

STREAM #	WCLPZ	CLASS	COMMENTS:
37	None	No class	Located in no-cutting area
38	None	No class	Located in no-cutting area
A	35-65	III	Flagged on east side only
B	30	III	
C	50	II	East side in no-cutting area
D	50	II	West side in no-cutting area
E	None	No class	Only center line flagged
F	30	III	
G	65-100	II	Flagged on east side only
H	30-50	III	
I	30	No class	Flagged; stops 200' above Crossing 44
T	25-40	III	Originates at spring; right hand fork is "no class"
U	35-60	II	West side in no-cutting area
W	30	No class	Flagged; doesn't come to the road
X	30-50	No class	Flagged
Y	30	No class	Flagged; stops 120' above Crossing 42
Z	30	No class	Flagged; wet area



ALTERNATIVE PRESCRIPTION  
REGENERATION METHODS OR INTERMEDIATE TREATMENTS

Alternative Prescription Title: Alternative Prescription #1, Modified Selection

2. Description of stand prior to harvest:

A. Species composition 81% Douglas Fir, 19% Ponderosa Pine

B. Current stocking: 105 sq.ft.

C. BA to be removed: 60 sq.ft.

3. Describe stand management constraints: Much of the area is on S & SW facing slopes. Madrone, Live Oak, Pacific Yew & manzanita occupy much of the area, with seedling and sapling-size trees present

4. Which current listed regeneration method or intermediate treatment is closest to alternate method? Selection

Explain why this is not applicable: There are only 2 predominant age classes of trees present: 1) mature & overmature, 2) seedlings & saplings. It is proposed to remove the mature & overmature timber, remove defective timber and thin overstocked stands where applicable.

5. Description of stand after harvest:

A. Management objectives: Even-Aged ☐ Uneven-Aged ☒

If neither is applicable, explain: The stand will be uneven-aged but most of the stocking will be in the younger age groups.

B. Expected species composition: 90% Douglas Fir, 10% Ponderosa Pine

C. Expected stocking levels: 35 sq.ft Douglas Fir, 10 sq.ft. Ponderosa Pine

6. Stand Treatment:

A. Describe guidelines for selection of trees to be harvested:

Mature & overmature trees, defective trees, and thinning of overstocked stands

B. How will these guidelines be implemented? All trees have been marked for cutting by RPE.

7. Regeneration Plan:

A. Describe site preparation measures: Lopping

B. Describe method of regeneration, including a timetable:

Natural regeneration will be used. The timber sale area is expected to meet stocking requirements immediately following harvesting.

8. Will alternate method have impact or effects of a clearcut? Yes ☐ No ☒  
If yes, describe the limitations which apply: \_\_\_\_\_

9. Additional information: \_\_\_\_\_

**BOARD OF FORESTRY  
ESTIMATED SURFACE SOIL  
EROSION HAZARD**

**KEUNS-BLUENOSE-TYSON COMPLEX**

**I. SOIL FACTORS**

<b>A. SOIL TEXTURE</b>				<b>FACTOR RATING</b>
	<b>FINE</b>	<b>MEDIUM</b>	<b>COARSE</b>	
<b>1. DETACHABILITY</b>	<b>LOW</b>	<b>MODERATE</b>	<b>HIGH</b>	
<b>RATING</b>	<b>1-9</b>	<b>10-18</b>	<b>19-30</b>	<b>22</b>
<b>2. PERMEABILITY</b>	<b>SLOW</b>	<b>MODERATE</b>	<b>RAPID</b>	
<b>RATING</b>	<b>5-4</b>	<b>3-2</b>	<b>1</b>	<b>2</b>

**B. DEPTH TO RESTRICTIVE LAYER OR BEDROCK**

	<b>SHALLOW</b>	<b>MODERATE</b>	<b>DEEP</b>	
	<b>1"-19"</b>	<b>20"-39"</b>	<b>40"-60" (+)</b>	
<b>RATING</b>	<b>15-9</b>	<b>8-4</b>	<b>3-1</b>	<b>5</b>

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

	<b>LOW</b>	<b>MODERATE</b>	<b>HIGH</b>		<b>FACTOR RATING</b>
	<b>(-) 10-39%</b>	<b>40-70%</b>	<b>71-100%</b>		
<b>RATING</b>	<b>10-3</b>	<b>5-3</b>	<b>2-1</b>	<b>5</b>	

**SUB TOTAL** **34**

**II. SLOPE FACTOR-**

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

**III. PROTECTIVE VEGETATIVE COVER REMAINING AFTER DISTURBANCE**

	<b>LOW</b>	<b>MODERATE</b>	<b>HIGH</b>	
	<b>0-40%</b>	<b>41-80%</b>	<b>81-100%</b>	
<b>RATING</b>	<b>15-8</b>	<b>7-4</b>	<b>3-1</b>	<b>6</b>

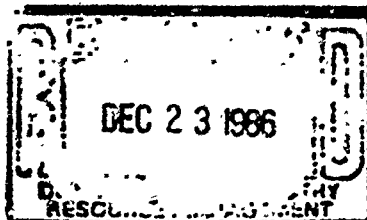
**IV. TWO-YEAR, ONE HOUR RAINFALL INTENSITY (Hundredths Inch)**

	<b>LOW</b>	<b>MODERATE</b>	<b>HIGH</b>	<b>EXTREME</b>	
	<b>(-) 30-39</b>	<b>40-59</b>	<b>60-69</b>	<b>70-80</b>	
<b>RATING</b>	<b>1-3</b>	<b>4-7</b>	<b>8-11</b>	<b>12-15</b>	<b>6</b>

**TOTAL SUM OF FACTORS** **71**

**EROSION HAZARD RATING**

<b>&lt;50</b>	<b>50-65</b>	<b>66-75</b>	<b>&gt;75</b>	
<b>LOW</b>	<b>MODERATE</b>	<b>HIGH</b>	<b>EXTREME</b>	
<b>THE DETERMINATION IS</b>				<b>HIGH</b>



CALENDAR PAGE **172**  
MINUTE PAGE **1671**

BOARD OF FORESTRY  
ESTIMATED SURFACE SOIL  
EROSION HAZARD

NASHHEAD-WOODIN COMPLEX

I. SOIL FACTORS

A. SOIL TEXTURE		FINE	MEDIUM	COARSE	FACTOR RATING	
1. DETACHABILITY		LOW	MODERATE	HIGH	25	
RATING		1-9	10-18	19-30		
2. PERMEABILITY		SLOW	MODERATE	RAPID	2	
RATING		5-4	3-2	1		
B. DEPTH TO RESTRICTIVE LAYER OR BEDROCK						
		SHALLOW	MODERATE	DEEP	5	
		1"-19"	20"-39"	40"-60" (+)		
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	4	FACTOR RATING
		(-) 10-39%	40-70%	71-100%		
RATING		10-6	5-3	2-1		
SUB TOTAL					4	36

II. SLOPE FACTOR

SLOPE	5-1%	16-30%	31-40%	41-50%	51-70%	71-80% (+)	
RATING	1-3	4-6	7-10	11-15	16-25	26-35	18

III. PROTECTIVE VEGETATIVE COVER REMAINING AFTER DISTURBANCE

		LOW	MODERATE	HIGH	7
		0-40%	41-80%	81-100%	
	RATING	15-8	7-4	3-1	

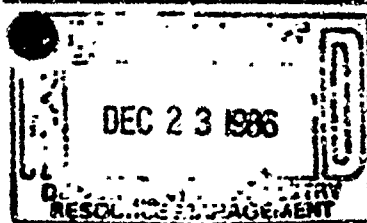
IV. TWO-YEAR, ONE HOUR RAINFALL INTENSITY (Hundredths Inch)

		LOW	MODERATE	HIGH	EXTREME	6
		(-) 30-39	40-59	60-69	70-80	
	RATING	1-3	4-7	8-11	12-15	

TOTAL SUM OF FACTORS 67

EROSION HAZARD RATING

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



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MINUTE PAGE 1672

STATE OF CALIFORNIA  
BOARD OF FORESTRY  
ESTIMATED SURFACE SOIL  
EROSION HAZARD

RAYMEN-ETSEL-SNOOK COMPLEX

I. SOIL FACTORS

A. SOIL TEXTURE	FINE	MEDIUM	COARSE	FACTOR RATING
1. DETACHABILITY	LOW	MODERATE	HIGH	
RATING	1-9	10-18	19-30	22
2. PERMEABILITY	SLOW	MODERATE	RAPID	
RATING	5-4	3-2	1	3

B. DEPTH TO RESTRICTIVE LAYER OR BEDROCK

	SHALLOW	MODERATE	DEEP	
	1"-19"	20"-39"	40"-69" (+)	
RATING	15-9	8-4	3-1	13

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

	LOW	MODERATE	HIGH		
	(-) 10-39%	40-70%	71-100%		
RATING	10-6	5-3	2-1	3	FACTOR RATING
SUB TOTAL					41

II. SLOPE FACTOR

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

III. PROTECTIVE VEGETATIVE COVER REMAINING AFTER DISTURBANCE

	LOW	MODERATE	HIGH	
	0-40%	41-80%	81-100%	
RATING	15-8	7-4	3-1	6

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

	LOW	MODERATE	HIGH	EXTREME	
	(-) 30-39	40-59	60-69	70-80	
RATING	1-3	4-7	8-11	12-15	6

TOTAL SUM OF FACTORS 83

EROSION HAZARD RATING

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

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BOARD OF FORESTRY  
ESTIMATED SURFACE SOIL  
EROSION HAZARD

SANHEDRIN-KEKAMA/A-SPEAKER COMPLEX

I. SOIL FACTORS

A. SOIL TEXTURE		FINE	MEDIUM	COARSE	FACTOR RATING	
1. DETACHABILITY		LOW	MODERATE	HIGH	22	
	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	6	
		1"-19"	20"-39"	40"-60" (+)		
	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	6	FACTOR RATING
		(-) 10-39%	40-70%	71-100%		
	RATING	10-6	5-3	2-1		
SUB TOTAL					37	

II. SLOPE FACTOR

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

III. PROTECTIVE VEGETATIVE COVER REMAINING AFTER DISTURBANCE

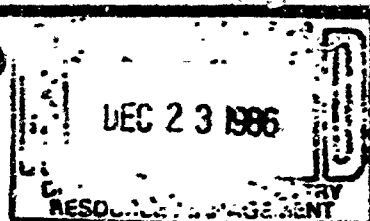
RATING	LOW	MODERATE	HIGH	6
	0-40%	41-80%	81-100%	
	15-8	7-4	3-1	

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

RATING	LOW	MODERATE	HIGH	EXTREME	6
	(-) 30-39	40-59	60-69	70-80	
	1-3	4-7	8-11	12-15	
TOTAL SUM OF FACTORS					75

EROSION HAZARD RATING

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



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MINUTE PAGE 1674

BOARD OF FORESTRY  
ESTIMATED SURFACE SOIL  
EROSION HAZARD

BEARWALLOW-HELLMAN-WITHERELL COMPLEX

I. SOIL FACTORS

A. SOIL TEXTURE	FINE	MEDIUM	COARSE	FACTOR RATING
1. DETACHABILITY	LOW	MODERATE	HIGH	22
RATING	1-9	10-18	19-36	
2. PERMEABILITY	SLOW	MODERATE	RAPID	3
RATING	5-4	3-2	1	

B. DEPTH TO RESTRICTIVE LAYER OR PEDROCK

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

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

	LOW	MODERATE	HIGH		
	(-) 10-39%	40-70%	71-100%		
RATING	10-6	5-3	2-1	7	FACTOR RATING

SUB TOTAL  $\triangleright$  35

II. SLOPE FACTOR

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

III. PROTECTIVE VEGETATIVE COVER REMAINING AFTER DISTURBANCE

	LOW	MODERATE	HIGH	
	0-40%	41-80%	81-100%	
RATING	15-8	7-4	3-1	3

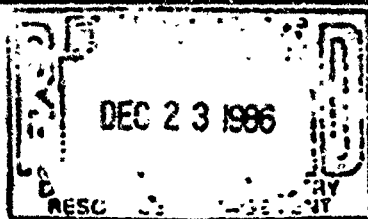
IV. TWO-YEAR, ONE HOUR RAINFALL INTENSITY (Hundredths Inch)

	LOW	MODERATE	HIGH	EXTREME	
	(-) 30-39	40-59	60-69	70-80	
RATING	1-3	4-7	8-11	12-15	6

TOTAL SUM OF FACTORS  $\triangleright$  70

EROSION HAZARD RATING

<50	50-65	66-75	>75
LOW	MODERATE	HIGH	EXTREME
THE DETERMINATION IS $\triangleright$ HIGH			



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MINUTE PAGE 1675

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 December 1, 1986

THP Number 1-86-659 <sup>MEL</sup>  
(leave blank)

Please Fill In Applicable Blanks

(1) Streambed Excavations:

(a) Approximate volume of material to be removed from streambed: 16200 cu. yds.\*

(b) Material removed (rock, gravel, sand, soil, etc.): See sketch

DEC 23 1986

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

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

(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:  
Refer to attached maps and sheets showing & describing class of streams & type of stream crossings; all stream crossings are labeled on the ground.

(b) Approximate volume and type of material to be deposited in streambed: See sketch

(c) Type of equipment to be used: backhoe, excavator, tractor

\* 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): only one crossing (across Trout Creek) will be constructed in flowing water; it should take 1-3 hours to construct.

(e) Type, quantity and area of vegetation to be removed: some conifers, hardwoods & riparian vegetation will be removed to allow construction of some of the crossings.

(3) **Impoundments and Diversions:**

(a) Volume and type of material to be deposited in stream:

(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 name of USGS Quadrangle Map)**

15 min. Potter Valley quad, sections 22, 26, 27, 28, 33, 34, 35

Township 18 north, range 11 west.

(5) **Work-in or near the stream or lake is to be performed during**

March 15, 1987

to

October 15, 1987

(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.**

January 1, 1987

Notification Date

Signature

David L. Goshring

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

**\*Please refer to attached letter from Mr. Irwin, CDFAS, written following on-the-ground inspection**

**Please fill in the following:**

David L. Goshring

Name (Print or Type)

P. O. Box 340

Address

( 916 ) - 527-5880

Telephone No.

David L. Goshring

Signature

Red Bluff

City

CA

State

95880

Zip Code

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(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): only one crossing (across Trout Creek) will be constructed in flowing water; it should take 1-3 hours to construct.

(e) Type and area of vegetation to be removed: ~~some conifers, hardwoods~~ & riparian vegetation will be removed to allow construction of ~~some of~~ the crossings.

(3) Impoundments and Diversions:

(a) Volume and type of material to be deposited in stream:

(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)

15 min. Potter Valley quad, sections 22, 26, 27, 28, 33, 34, 35

Township 18 north, range 11 west.

(5) Work in or near the stream or lake is to be performed during:

March 15, 1967

to

October 15, 1967

(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.

January 1, 1967

Notification Date

Signature

David L. Goshring

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

\*Please refer to attached letter from Mr. Irwin, CDFAS, written following on-the-ground inspection

Please fill in the following:

David L. Goshring

Name (Print or Type)

P. O. Box 340

Address

( 916 ) - 827-5800

Telephone No.

David L. Goshring

Signature

Red Bluff

City

CA

State

90000

Zip Code

CALENDAR PAGE

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MINUTE & or less

ADJACENT PROPERTY OWNERS  
ADDRESS LABELS

Mary E. Lee  
4500 Mira Loma Drive, #260  
Reno, NV 89502

John Estes  
P. O. Box 81  
Potter Valley, CA 95469

Louis P. Canevari  
12340 Oat Gap Road  
Potter Valley, CA 95469

David C. Conn  
11000 Oat Gap Road  
Potter Valley, CA 95469

Florence J. Simontacchi  
P. O. Box 65  
Potter Valley, CA 95469

William E. Taylor  
12000 Oat Gap Road  
Potter Valley, CA 95469

Warren & Linda Ware  
11500 Oat Gap Road  
Potter Valley, CA 95469

James H. Lockwood  
c/o David H. Lockwood  
17345 Van Arsdale Road  
Potter Valley, CA 95469

Michael Clark  
P. O. Box 341  
Potter Valley, CA 95469

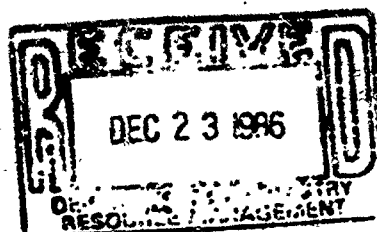
Louisiana Pacific Corporation  
P. O. Box 158  
Samoa, CA 95564

Jack & Sophie Claffy  
3518 Branson Drive  
San Mateo, CA 94403

Todd & Sara Starbuck  
HQ USARJ G3  
APO San Francisco 96343

*Don LaRue*  
*Les Christoferson*  
P. O. Box 380  
Potter Valley, CA 95469

California State Lands Comm.  
1807 - 13th Street  
Sacramento, CA 95814



~~SECRET~~

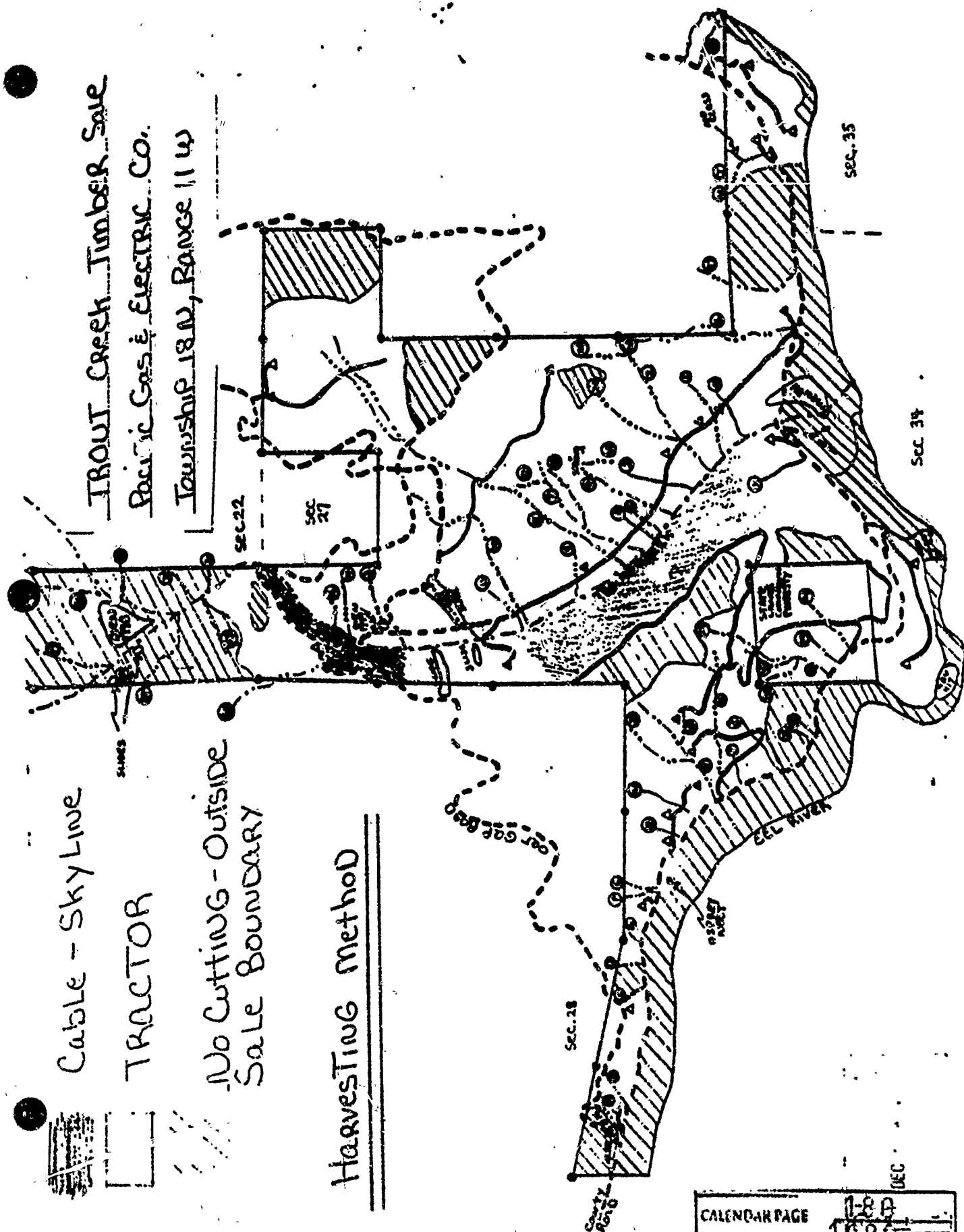
□

No Cutting - Outside  
Sale Boundary

## Harvesting method

Pacific Gas & Electric Co.

Township 18 N, Range 11 W



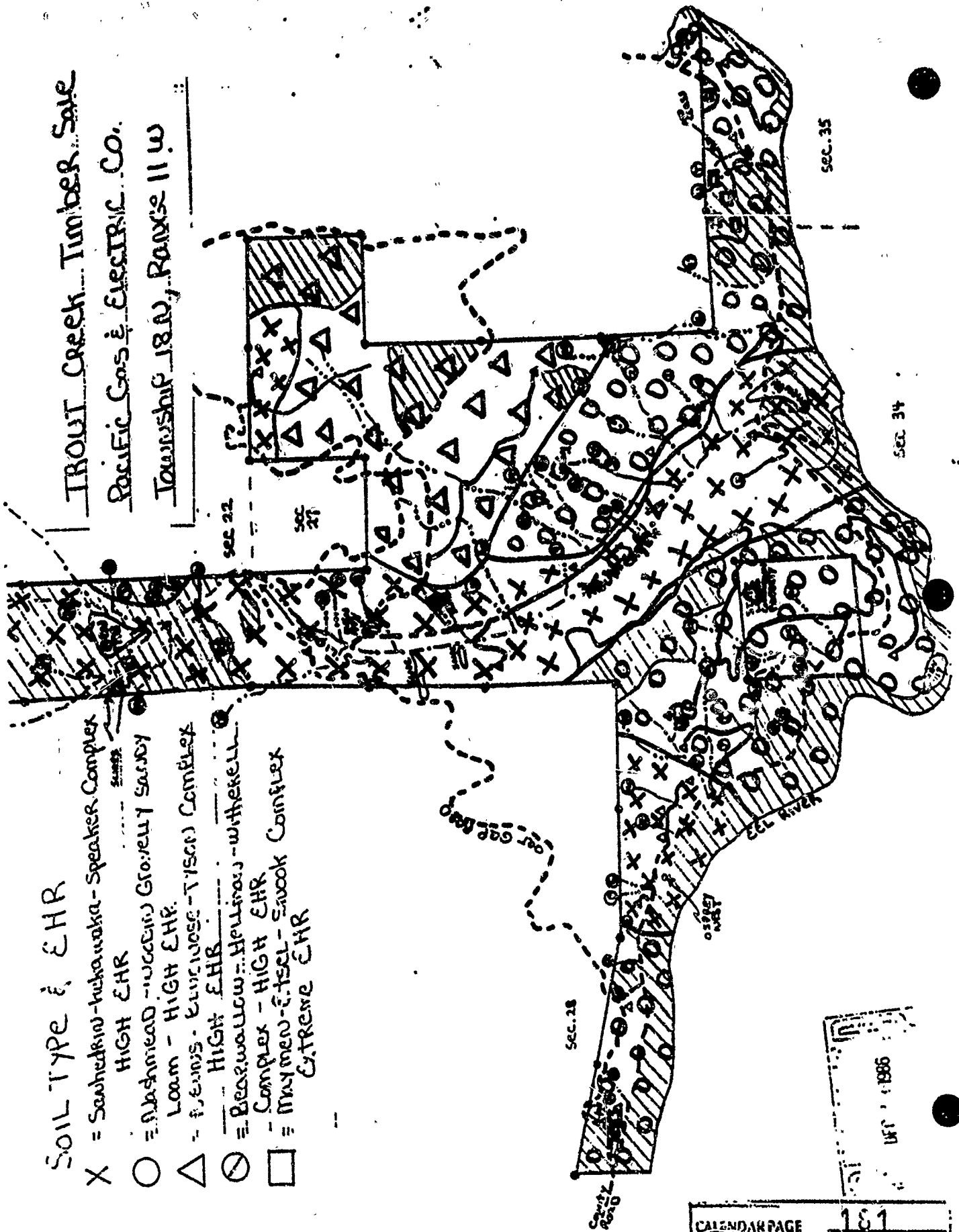
CALENDAR PAGE  
MINUTE PAGE

1-8 A  
1626

# SOIL TYPE & EHR

- X = Sawhickin-hukawaka - Specker Complex
- = HIGH EHR
- = Aldermead - Wadsworth - Groverly Sandy
- △ = Loam - HIGH EHR
- △ = Fawns - Lincroose - Tison Complex
- = HIGH EHR
- = Bearwallow - Hewitson - Witherell
- = Complex - HIGH EHR
- = Maymen - E. Teal - Savook Complex
- = Extreme EHR

TROUT CREEK Timber Sale  
 Pacific Gas & Electric Co.  
 Township 18 N, Range 11 W



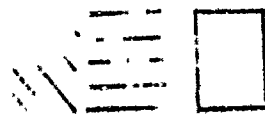


EROSION RATING HAZARD

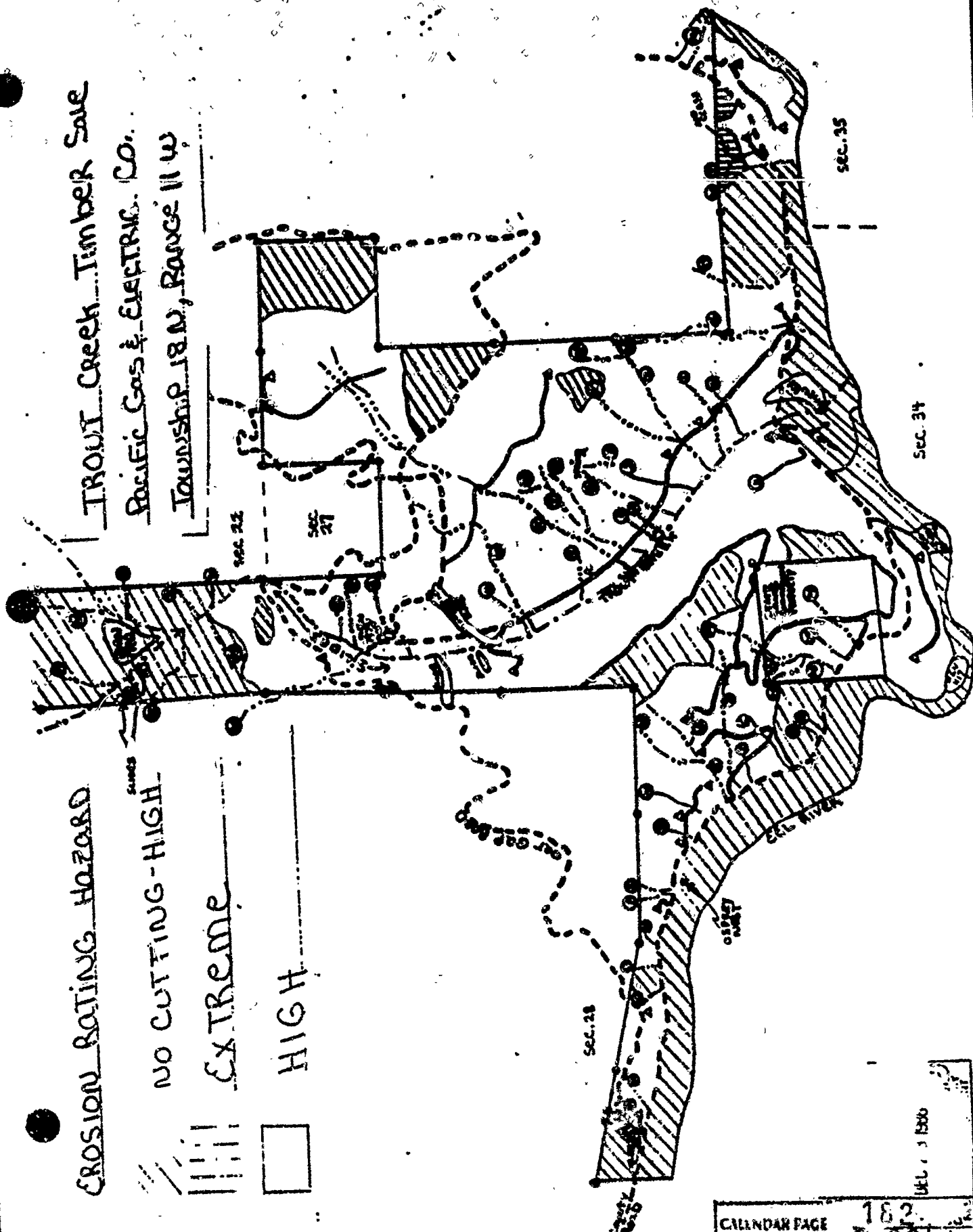
NO CUTTING-HIGH

EXTREME

HIGH



TROUT Creek Timber Sale  
Pacific Gas & Electric Co.  
Township 18 N, Range 11 W



TRIBUT Creek Timber Sale  
 Pacific Gas & Electric Co.  
 Township 18N, Range 11W

EXISTING ROADS & NEW ROAD CONST.

Stream #'s & Stream Crossings #'s

② = Stream #

④ = Stream Crossing #

Δ = PROPOSED LANDING LOCATIONS

IN ALL LANDINGS ARE SHOWN

= NEW ROAD CONSTRUCTION

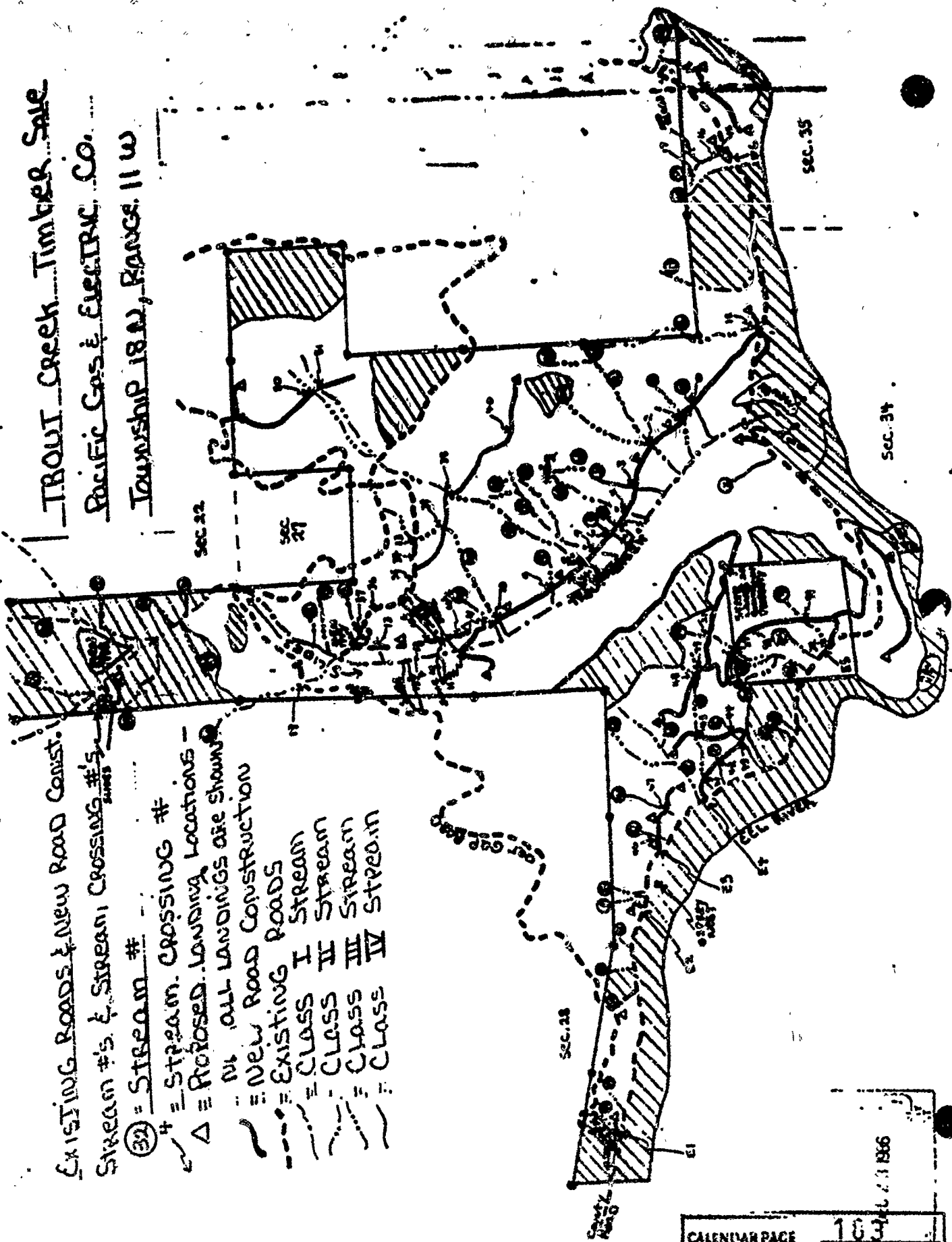
= EXISTING ROADS

= CLASS I Stream

= CLASS II Stream

= CLASS III Stream

= CLASS IV Stream



# TROUT CREEK TIMBER SALE

RECORDED  
ARCHAEOLOGICAL  
SITES

High Peak

3830

Spring

Water

Oat Gap

BM 3528

Hatchet

Flat

TROUT Creek Timber Sale

Pacific Gas & Electric Co.

Township 18 N, Range 11 W

28

2248

27

3200

MEN 1876

MEN 1949

PRIVATE

Creek

2000

2000

MEN 241

EEL

MEN 1117

33

CLERK PAGE  
MINUTE PAGE

1084

1:50,000

Point of Interest  
Tribal Land

CHARTERED  
MINUTE SCALE  
1:50,000

STATE OF CALIFORNIA

THE RESOURCES AGENCY

MEMORANDUM

TO: Richard J. Ernest, Chief, Region I  
California Department of Forestry  
P.O. Box 670  
Santa Rosa, CA 95402

DATE: August 1, 1986

FROM: DEPARTMENT OF CONSERVATION  
DIVISION OF MINES AND GEOLOGY  
P. O. BOX 670, SANTA ROSA 95402

SUBJECT: GEOLOGIC REVIEW OF FUTURE TIMBER HARVESTING PLAN AREA FOR  
THE POKE TROUT CREEK PROPERTY

Inspection Date: July 23, 1986

Time Spent on Review:  
8 Field; 4 Office; 3 Travel

County: Mendocino

Quadrangle: Potter Valley 18'

Watershed: Trout Creek, Tributary  
to Eel River

Area: Approximately 800 Acres

Participants-Affiliation  
Dave Seehring-MFF, F042  
Gene Seary-Fisheries Biologist  
F042  
Andy Bowlds-LTO  
Jim Irwin-CDFA  
Joel Sagers-CDP  
Doug Miller-State Lands  
Commission  
Steve Jones-State Lands  
Commission  
Julie Sowma-DMG  
Tom Spittler-DMG

<u>Township</u>	<u>Range</u>	<u>Section(s)</u>
18N	11W	22, 27, 28, 34, 35

Slopes: Up to 90%

Geologic Concerns:  
New Road Construction  
Road Reconstruction  
Landslides

References:  
Durham, J.B., 1979, Potter Valley 15' Quadrangle: California  
Department of Forestry, Title II Geologic Data Compilation  
Project, Unpublished, scale 1:62,500.

Geologic Conditions:  
The Trout Creek area of eastern Mendocino County lies within a fault  
bound block of the Great Valley Sequence of Cretaceous Age (Durham,  
1979). Bedrock observed in the field included both well consolidated,  
hard, strong, arkosic sandstone and well consolidated but friable  
siltstone and mudstone. The bedding of the Great Valley rocks dips to  
the southwest and, in part, forms dip slopes.

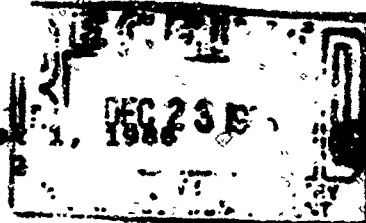
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1686

Richard J. Ernest, Chief, Region I

August 1, 1966  
Page 2



Soils on the site are cohesionless to poorly cohesive shallow silts to silty loams. These soils are moderately to highly prone to erosion where water is allowed to run down the road surface, however in a few areas the erosion has been limited by the shallow depth to bedrock.

Sideslopes on the site have experienced both shallow debris flows and deeper rotational (slump) landslide. The shallow debris flow scars have been somewhat modified and support vegetation estimated to be about 20 years old. This suggests that the debris flow events may have been related to the 1964 storm. Most of the deep rotational landslides are very old and support mature trees and shrubs. However, at least one slide, discussed under Observation G-1, has been recently active.

Observations: (keyed to the map)

G-1 The existing road grade has been disrupted for about 200 feet by the upper portion of a rotational/translational landslide. This slide is 500 feet or more long (down the slope) and probably tens of feet thick. The roadbed has been downdropped by several individual interior scarps which are three feet or less in height.

The rotational/translational portion of the slide toes on the slope well above the proposed new road grade, however, the slide debris at the toe apparently failed as a secondary debris flow. Although most of the debris flow material settled out on the sideslopes, however, some made it to an alluvial flat adjacent to Trout Creek.

G-2 The RPF identified an area with abundant small slumps. No equipment will be used on these slopes.

G-3 The proposed new road grade follows an old wagon road. Near map point G-2, the road grade is inclined as steeply as 28%.  
Note: 28% for 125 feet

G-4 The new road is flagged to cross an area with sideslopes inclined between 85% and 90%.

G-5 The proposed new road is flagged to end in an area where the sideslopes are steeper than 65%. This portion of the road is nearly 1000 feet above Trout Creek. No benches were observed immediately down slope of the road grade, but the RPF reported that small benches do exist on the slope above Trout Creek.

G-6 The proposed new road alignment crosses what appears to be a dip slope of hard, strong sandstone inclined approximately 55% (nearly 30%). The rock is fairly massive and not well fractured on an out-crop scale and may not be easily ripped with a tractor. Additionally, excavation across tens of feet of this sandstone could potentially result in unsupported bedding projected out-of-slope.

Richard J. Ernest, Chief, Region I

August 1, 1986  
Page 3

Recommendations:

G-1 The road can be reopened using the existing grade by ramping onto the slide. Fill should not be added to the top of the slide and water should not be diverted to or allowed to pond on the landslide. A large waterbar or rolling dip should be installed up-grade of the slide area and the road across the slide should be finished with an outslope.

Stressed trees should be removed from the slide. Tractor operations on the slide should not pose a hazard if they do not divert or pond water.

G-2 None. No additional problems are anticipated if equipment is kept off of this slide area.

G-3 Because of the difficulty in controlling surface runoff on permanent downslope roads, alternative alignment should be considered.

G-4 The RPF proposal to cross these steep areas by using a hydraulic excavator and end-hauling spoils to stable waste areas is appropriate. The steep areas are dominantly across spur ridges (Roman nose spurs) that do not exhibit the effects of rock block glide translational sliding. It is unlikely that the proposed road construction will result in major upslope landslides. To limit the expected bank slumping, the cutbanks should be laid-back to a slope of 1/2 to 1 (horizontal to vertical) or flatter.

G-5 The road across the steep area at the end of the road (near map point G-5) should be built as a full bench cut with the spoils either end-hauled or the sidecast dispersed over the slope and not mounded along the edge of the road. Dispersal of the sidecast would require construction under dry soil conditions.

G-6 Two possible routes, approximately 35 feet apart, were evaluated across the steep rock out-crop. The upper route is the least hazardous alternative because it would require excavating the road across only about 20 feet or less of the out-crop compared with a cross slope of 40 feet or more along the lower route.

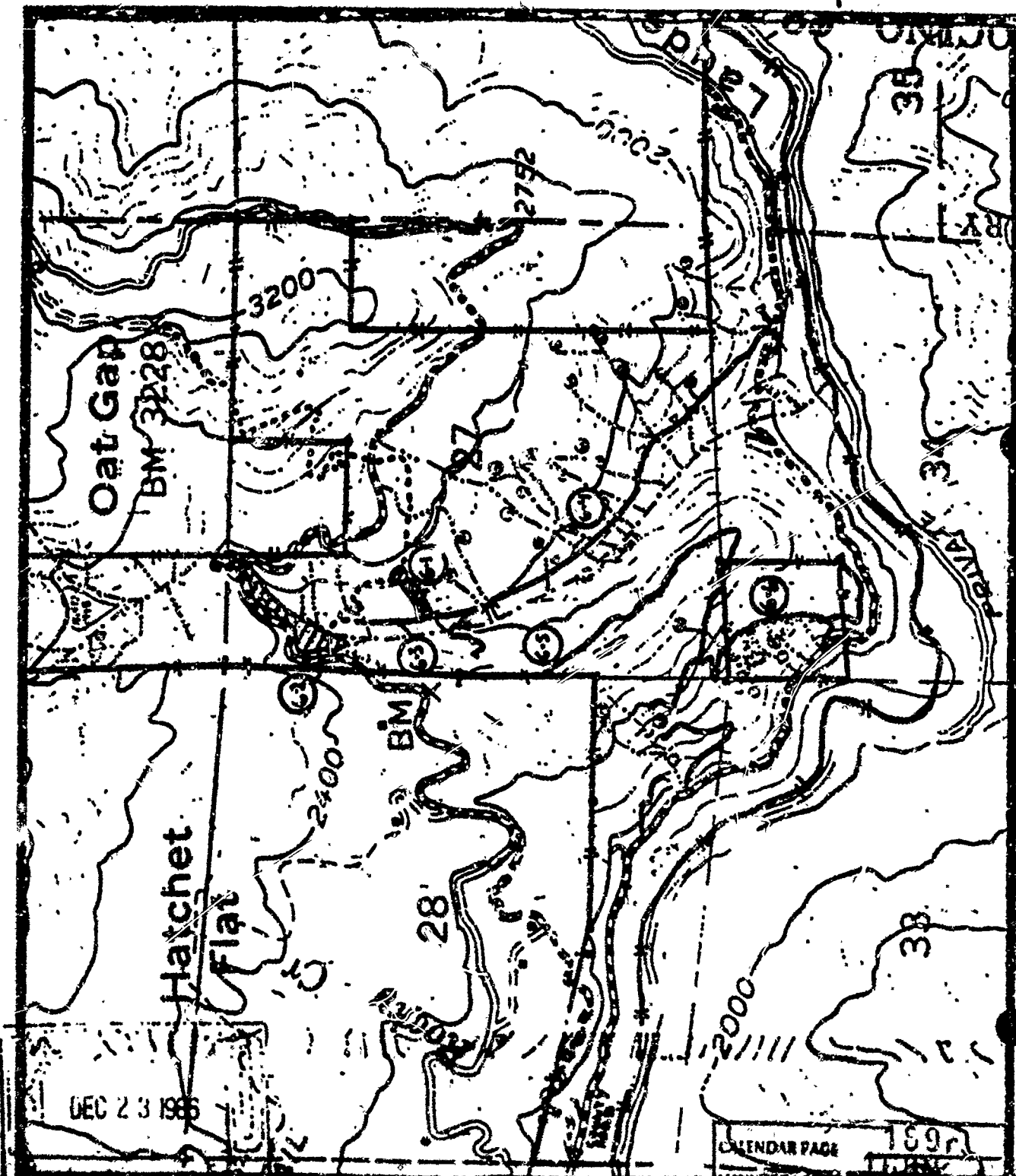
*Thomas E. Spittler*  
Thomas E. Spittler  
RG 3591, CEG 1078  
Santa Rosa

Reviewed and Approved by:

8-6-86 *Trinda L. Bedrossian*  
Date TRINDA L. BEDROSSIAN, CEG 1066  
Senior Geologist and Program Manager

DEC 23 1986
CALIFORNIA RESCUE
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GEOLGIC MAP  
to accompany

Geologic Review of Future Timber Harvesting Plan Area  
For the PG&E Trout Creek Property

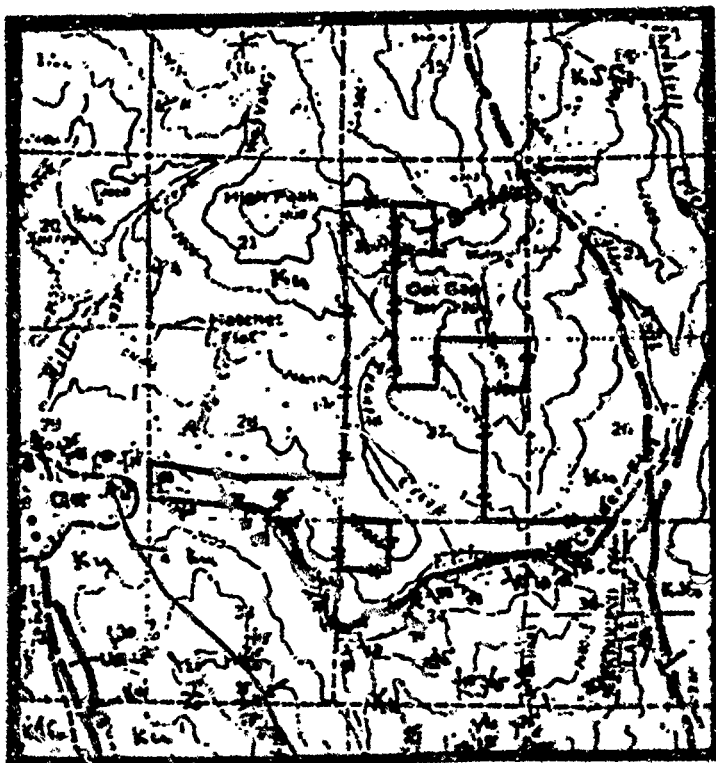
EXPLANATION

Scale 1:62,500

N

- ✓A Shallow Landslide Area
- Qa Alluvium
- Ku Upper Great Valley Sequence
- Kfs Franciscan Assemblage Sandstones
- Kfs Franciscan Assemblage Volcanic Rocks
- Property Boundary
- - - Lithologic Contact
- - - Fault
- - - Synclinal Fold Axis
- 70 Strike and Dip of Bedding

Base map after Durham (1979)



DEC 23 1986

RESOURCE MANAGEMENT

CALENDAR PAGE

100

MINUTE PAGE

1690

*Yatt of Lak*

(21414 1-28-87)

**PACIFIC GAS AND ELECTRIC COMPANY**

PG&E + 778 SOUTH STATE STREET • UKIAH, CALIFORNIA 95482 • (707) 462-4701

January 28, 1987

California Department of Forestry  
Resource Management  
P.O. Box 670  
Santa Rosa, Ca. 95402

**RECEIVED**

JAN 13 1987  
Department of Forestry  
Marquette County  
Resource Management

Ref: THP #1-86-659 Men/Lak

Dear Sir:

This letter contains my response to the CDF's recommendations to what changes and additions I need to make in order to bring THP #1-86-659 Men/Lak into compliance with the Forest Practice Rules.

Concerning the review team's recommendations I agree to Items 1, 3, and 10 and request that they be incorporated into the THP, concerning Item 9, please add the following sentences to #40 in the THP.

#40: "The proposed alternative practice pertaining to MCLPZ's offers equal or greater protection than what is required by the Forest Practice Act. The CDF concurs with this".

Another point which should be mentioned is that the U. S. Fish & Wildlife Service in Sacramento has been contacted by PG&E and they stated PG&E's handling of the fish and wildlife concerns have been adequate and no additional protective measures need to be taken.

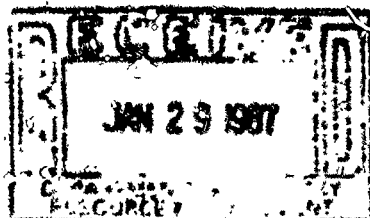
If further clarification is needed, please contact me.

In addition to amending the THP to include the review team's recommendations please amend THP Item #60 to "yes". Fomes pini is a problem and will be mitigated by harvesting the infected trees.

Also I request that the site class of the property be changed to Site II & Site III. Refer to attached map showing the areas.

Respectively yours,

*David L. Goehring*  
DAVID L. GOEHRING  
PG&E  
RPF #1714



DLG/paa

CALENDAR PAGE	121
MINUTE PAGE	1691

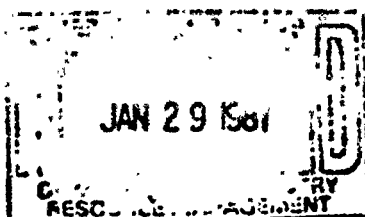
*Tart & Gilman*

REVIEW TEAM CHAIRMAN'S RECOMMENDATIONS, THP 1-86-659 MEN/LAK

January 28, 1987

See attached map:

1. Change the expected commencement date to April 1, 1987.
2. No timber operations on archaeological sites, except on existing roads.
3. Hardwoods within the WLPZ shall be retained except those which, for safety reasons, need to be removed.
4. Draw bottoms and other areas which cannot be adequately waterbarred shall not be used for skid roads.
5. Retain two perch trees upslope of the osprey nest. These trees shall be painted and left standing and unharmed. The buffer zone around the osprey nest tree shall be five (5) acres (a radius from the nest tree of approximately 250 feet).
6. An erosion control device such as a rolling dip or waterbreak shall be installed on the roads below permanent culverts.
7. At Point G-3 to minimize the potential of surface erosion of the steeply inclined road segment, the road should be completed with an outslope, a waterbreak should be installed at the top of the grade, and two additional waterbreaks should be installed midpitch (approximately 40 foot spacing).
8. Change THP Item 28 to "yes". For justification, see THP Item 24.
9. Further justify Item 40 as discussed during preharvest inspection.
10. Delete road at Area 10 on attached map.



N *Yacht Plan*

EXPLANATION

Scale 1:2,000

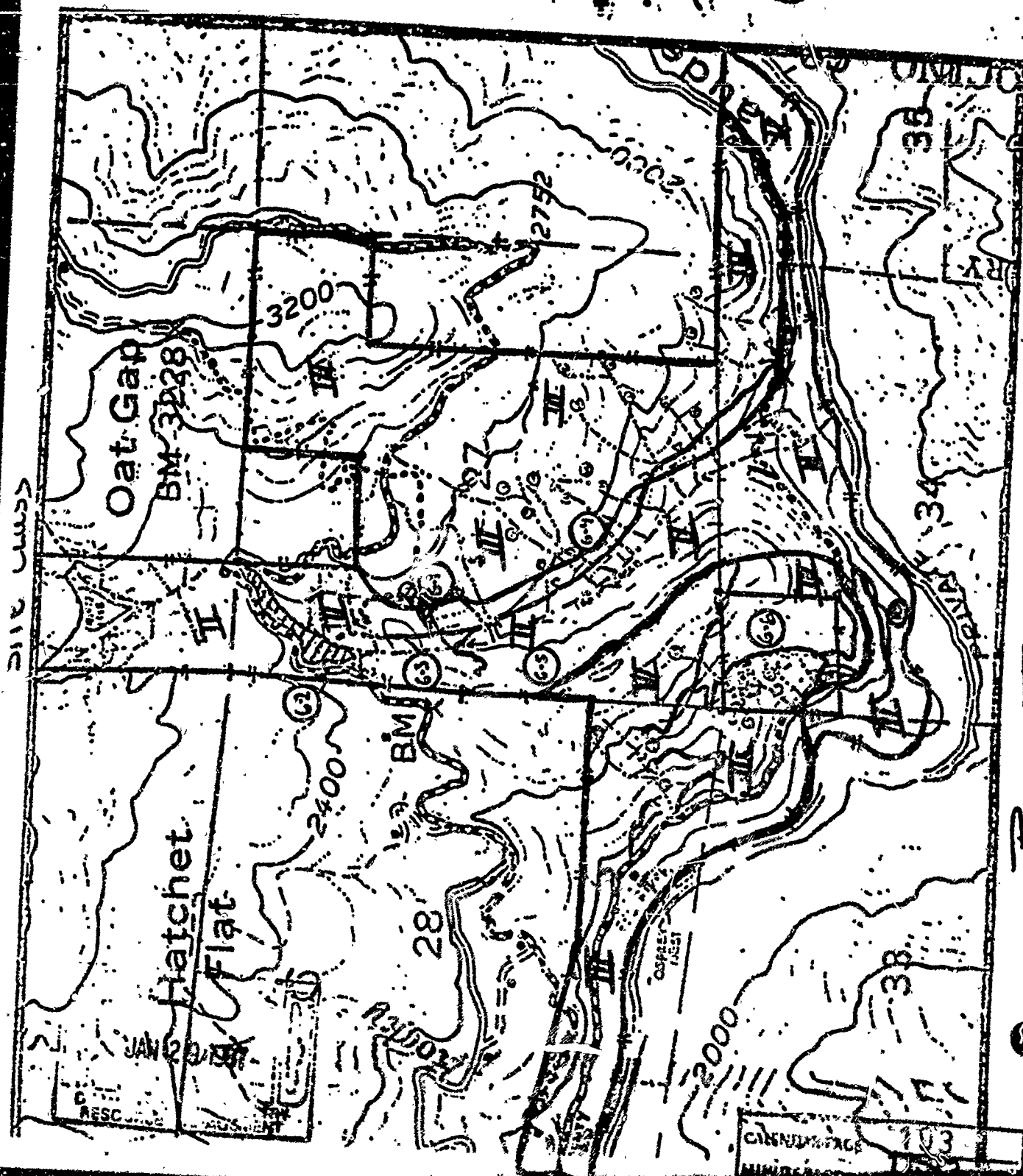
--- Trip Boundary

..... Existing Road

— Proposed Road

▨ Slide Area

⊙ Geologic Review Observation



*Review Team Map 1-521-6.59 MENHAT*