

**Gans Prairie
Rehabilitation Project**

Unit 88-7

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REHABILITATION UNIT 88-7 SUMMARY

UNIT NAME: Gans Prairie

LOCATION DESCRIPTION: Bald Hill Road
T10N R1E S1 on the Orick 7.5 minute topographic series
map. (RNP-78 color 1:6000 photo 12-85)

TOTAL UNIT ACREAGE: 6 MILES OF ROAD TREATED: 0.2

TOTAL REHABILITATION PROJECT COST: \$ 1,319.57 (Table 1, pg. 2)

GEOLOGIC DESCRIPTION: Sandstone of the Franciscan assemblage (Harden, et al, 1982).

GEOMORPHIC DESCRIPTION: West, southwest aspect; near ridge top; 5-25% slopes.

SOIL DESCRIPTION: Contact J. Popenoe for soil information.

LAND USE HISTORY: Native American ceremonial grounds (White Deerskin Dance) and a gathering place for tanoak and hazel: homestead by G.W.Gann and used for grazing and raising hay from 1854 until acquired by Arcata Redwood. (A. Smith, in-house memo dated 5-13-88.)

EROSION FEATURES: Stock pond with a 2/1 3/2 gully through the dam fill.

REHABILITATION WORK SUMMARY: HOURLY Project

I. Total Heavy Equipment Cost: \$ 875.57

Heavy Equipment Used: Caterpillar D8H ripper bulldozer (J. Franke)
Caterpillar 235 excavator (C. Hake)
D8H @ \$94.47/hour
235 @ \$95.00/hour

#	<u>Types of Treatments</u>	<u>Total Cost</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Rate</u>
1000 ft	Outsloping	\$ 875.57	1,000 LF	\$ 0.88/LF	108LF/PH

II. Total Labor Intensive Cost: none

DISCUSSION: A section of the old county road alignment paralleling the present day road and a stock pond access road through Gans Prairie were completely outsloped. The stock pond dam fill was excavated and the fill was used to fill a throughcut on the access road to the pond. The dozer did all the outslope work, and the excavator was used only to remove the dam fill.

Table 1

REHABILITATION WORK COST SUMMARY
Unit 88-7: Gans Prairie

Treatment	Quantity	Total Cost	Average Unit Cost Per Quantity
HEAVY EQUIPMENT WORK:			
<u>Primary Treatments</u>			
Outsloping	1,000 LF	\$ 875.57	\$ 0.88/LF
TOTAL HEAVY EQUIPMENT COST =		\$ 875.57	
LABOR INTENSIVE WORK:		none	
TECHNICAL WORK: (completed by L. Johnson and T. Spreiter)			
<u>Evaluation</u>			
Prescriptions and Surveying		81.00	
<u>Supervision of Work</u>			
Heavy Equipment		197.00	
<u>Documentation</u>			
Photo Points		32.00	
Cost Analysis and Report		134.00	
TOTAL TECHNICAL WORK COST =		\$ 444.00	
GRAND TOTAL COST =		\$ 1,319.57	

LF = Linear Feet of road

ABBREVIATIONS

CSP = Color stereo pair

B/W = Single B/W photo

Pre/Post: 6/88 & 4/89

UNIT 88-7 Gans Prairie

PHOTO POINT LOCATIONS AND DESCRIPTIONS

PP#	LENS (mm)	LOCATION	PHOTO-POINT	DESCRIPTION
1	35	Bald Hill Rd	B/W 400 CSP 200	FROM: center of stump near sign post. VIEW: northwest, blackened stump in center of frame.
2	35	Bald Hill Rd	B/W 400 CSP 200	FROM: OBER, Bald Hill road, opposite dead fir. VIEW: southeast, burn pile in TC in center of frame.

(Color slides and black and white prints are on file at SOC.)