

USDA FOREST SERVICE

REPORT OF TIMBER SALE

APPRAISAL SUMMARY

Region: 5 Forest: Shasta-Trinity-14 Appr To: Burney, CA (saw) - Burney, CA (bio) Appraisal Date: 16-Jul-24
Reviewed by: District: McCloud-61 Appraisal Type: **ATEAM** Rollback Factor: 10%
Sale #: 61402 Sale Name: Surprise Thin MP Base Period: 7/22/23-7/16/24 Required KV Cost:

Species and Volumes	1	2	3	4	5	6	7	Average	Total
1. Species	PP/JP	SP/WWP	WF/RF	DF	IC	LP	CS		
2. Species Code	122	117	025	205	081	108	007		
3. Product-Unit of Measure	01-03	01-03	01-03	01-03	01-03	01-03	20-03		
4. % by Species	34.3%	0.4%	13.5%	5.0%	24.2%	0.0%	22.7%		100.0%
5. Volume - CCF Total Conv.	4,923.62	63.58	1,934.78	712.93	3,470.01	0.97	3,262.00		14,367.89
5a. Volume - MBF Sawtimber	2,800.87	32.35	1,016.33	411.70	1,635.64	0.45			5,897.33
5b. Volume - Green Tons Tot C	16,956.35	228.15	6,572.15	2,216.01	9,932.74	2.74	8,969.73		44,877.87
6. Quality Value - \$/CCF	186.71	162.29	210.12	352.26	188.55	144.13		201.85	
Sale Costs - \$/CCF	Average		Road & Haul Information			Miles	Total Cost		
7. PAL Fire Protection	6.39		Specified Road Constuction						
8. Stump-to-Truck	84.16		Specified Road Reconstruction						
9.			Temp Road Construction			1.51	7,550.00		
10. Hauling	40.35		Haul Miles (sawlogs)			41.30			
11. Sale Specific	4.28		Haul Miles (biomass)			44.50			
12. Slash Work	0.70								
13. Erosion Control	1.24								
14. Specified Road Cost									
15. Road Maintenance	8.52								
16. Brush Disposal Deposit	0.56								
17. Surface Replacement Deposit	7.15								
18. Road Maintenance Deposit	0.31								
19. Engineering Deposit									
20. Temporary Road Cost	0.68								
21.									
22. Total Cost	154.34							154.34	
Advertised Rates - \$/CCF	1	2	3	4	5	6	7	Average	Total
23. Conversion Return	32.37	7.95	55.78	197.92	34.21	-10.21	-108.04	12.19	175,158.62
24. Rollback Adjustment	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	
25. Indicated Advertised Rate	29.13	7.15	50.20	178.13	30.79	-11.23	-118.84	6.07	87,155.48
26. Regional Minimum Rates	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	3,591.97
27. Base Rates	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	3,591.97
28. Adjustment to Base Rate	-23.77	-5.68	-41.11	-146.39	-25.13	11.48	119.09	0.00	0.00
29a. Advertised Rates	5.36	1.47	9.09	31.74	5.66	0.25	0.25	6.07	87,155.48
39b. Total Sale Value									87,155.48
Appraisal Factors	1	2	3	4	5	6	7	Average	Total
30. Base Indices	387.95	473.14	247.54	296.09	NA	219.87	NA		
31. Index Name Code	WWPAD	WWPAC	WWPAC	WWPAD	NA	WWPAB	NA		
32. Rollback Adjustment Amount	3.24	0.79	5.58	19.79	3.42	1.02	10.80		
33. Conversion Factor (mbf/ccf)	0.5689	0.5088	0.5253	0.5775	0.4714	0.4649		0.5310	saw timber
34. Timber Property Value									
35. Quadratic Mean Diameter	16.70	18.20	15.30	17.60	15.40	17.40	NA		

Species	Net MBF 6"-12"	Net MBF 13"-15"	Net MBF 16"-24"	Net MBF 25"-32"	Net MBF 33" +	Net MBF 6"-11"	Net MBF 12"-19"	Net MBF 20"-23"	Net MBF 24" +	Net MBF 6"-15"	Net MBF* 16" +	Net MBF camp run
PP/JP						894.03	1,535.82	255.19	115.82			
SP/WWP										32.35		
WF/RF												1,016.33
DF												411.70
IC												1,635.64
LP												0.45

R5 TRANSACTION EVIDENCE APPRAISAL (TEA) & ATEAM

TON RATE CALCULATIONS - DUAL RATE PRICING

Version 5.1 08/29/2019 - Use for sales sold by the ton, especially multiproduct sales.

Sale name: Surprise Thin MP

Volume and Weight Inputs

Sawtimber volume (prod 01)...

Species	CCF	MBF
PP/JP	4,923.6	2,800.9
SP/WWP	63.6	32.3
WF/RF	1,934.8	1,016.3
DF	712.9	411.7
IC	3,470.0	1,635.6
LP	1.0	0.5
Total Saw	11,105.9	5,897.3

(sawtimber volumes from Data Input screen)

Product weights...

Product	Tons
01 P	35,908.1
20 P	5,362.5
20 S	3,607.2

(from WT1 cruise report)

Estimated biomass chip
volume, CCF

3,262

*For Data Input screen,
CS volume, CCF*

Inputs From Appraisal

appraisal type:

ATEAM

Sawtimber rates, \$/ccf...

Species	Ind ad rate	Base rate	Ad rate
PP/JP	29.13	0.25	5.36
SP/WWP	7.15	0.25	1.47
WF/RF	50.20	0.25	9.09
DF	178.13	0.25	31.74
IC	30.79	0.25	5.66
LP	-11.23	0.25	0.25
Total Value	474,824.61	2,776.47	86,339.98

(rate data from either TEA or ATEAM 2400-17 screen)

Nonsaw rates, \$/ccf...

Species	Ind ad rate	Base rate	Base rate
CS	-118.84	0.25	0.25
Total Value	-387,669.13	815.50	815.50

(rate data from either TEA or ATEAM 2400-17 screen)

Per Ton Information for TIM and Contract - Manual Entry

Species	Product	UOM	Vol-tons	Ind ad rate	Base rate	Ad rate	Conv MBF	Conv CCF	Rollback adj.
CS	01	Ton	35,908	13.22	0.10	2.40	0.1642	0.3093	4.7507
CS	20	Ton	8,970	-43.22	0.10	0.10	0.1091	0.3637	