

Table 4: Selected Interpretation of TES Strata Identified for the Large Scale Restoration Proposal – Coconino and Kaibab National Forest

Stratum	Slope	Total Acres for Strata	Kaibab TESU	Coconino TESU	Shared TESU #	Final Strata Comb	Acres per TESU	Climatic Class ¹	PPC ²	Habitat Type ³	Nat. Regen Potent ⁴	Plant Comp ⁵	Site Index	Timber Harvest Limitation	Herbage/Forage Production		
															Herb Cur	For Cur	For Max
1	0-5%	15,583	6, 9, 11	53	11	6	9,297	LSC 5 0	Popr/Fear		NA	NA	NA	NA	2500	2000	2800
						9	1,226	LSC 5 0	Popr/Agsm		NA	NA	NA	NA	2750	2550	2750
						11	1,585	LSC 5 0	Popr/Mumo		NA	NA	NA	NA	2750	2550	2750
						53	3,476	LSC 5 0	Popr/Fear		NA	NA	NA	NA	2750	2550	2750
2	0-5%	15,923	NA	55	NA	55	15,923	LSC 5 0	Popr/Fear		NA	NA	NA	NA	3000	3000	3000
3	0-15%	32,981	513	595	513	513	26,726	LSC 5 0	Fear/Mumo		NA	NA	NA	NA	2300	1200	2600
						595	6,255	LSC 5 0	Fear/Mumo		NA	NA	NA	NA	2800	2600	2800
4	15-40%	873	440	NA	440	440	873	LSC 5 0	Fear/Mumo		NA	NA	NA	NA	2300	2000	2300
5	0-15%	3,174	NA	640	NA	640	3,174	LSC 6 0	Fear/Bran/Mumo		NA	NA	NA	NA	3800	3600	3800
6	0-15%	8,969	NA	566	NA	566	8,969	HSC 5 -1	Sihy/Arlo/Bogr		NA	NA	NA	NA	1800	1700	1800
7	0-15%	1,478	NA	594	NA	594	1,478	LSC 5 0	Fear/Mumo		NA	NA	NA	NA	2600	2400	2600
8	0-15%	1,111	630	NA	NA	630	1,111	LSC 5 0	Fear/Mumo		NA	NA	NA	NA	1950	900	2350

¹ Climatic class locates terrestrial ecosystems into one of four major climatic areas including High Sun Mild (HSM), High Sun Cold (HSC), Low Sun Mild (LSM), and Low Sun Cold (LSC). The entire project area is considered either HSC or LSC.

² Potential Plant Community (PPC) indicates site potential and is classified according to late successional vegetation species that would be expected to occupy the site in absence of major disturbances. The PPC does not represent desired conditions but serves as a sideboard to identify vegetation composition diversity and vegetation that could potentially exist.

³ A land or aquatic unit consisting of an aggregation of habitats having equivalent structure, function, and responses to disturbances.

⁴ Refers to the probability of success in the establishment and survival of trees under inherent site conditions.

⁵ Likelihood of the invasion or growth of undesirable plant species when openings are made in the woodland or forested canopy.

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															Herb Cur	For Cur	For Max
9	0-5%	4,389	20	50	NA	20	2,035	LSC 5 0	CARE/ELEO/Pola/Alge		NA	NA	NA	NA	2850	2850	2850
						50	2,354	LSC 5 0	Caaq/Elma3/Pola/Alge		NA	NA	NA	NA	2850	2850	2850
10	0-5%	3,128	37	NA	NA	37	3,128	LSC 5 0	Popr/CARE/Fear		NA	NA	NA	NA	2500	2000	2750
11	0-15%	108,612	265, 519	585	NA	265	10,754	LSC 5 0	Pipo/Quga	Pipo/Quga/Quga	Low	Mod	65	Moderate	450	225	2350
						519	32,949	LSC 5 0	Pipo/Quga		Low	Mod	60	Moderate	450	225	2350
						585	64,909	LSC 5 0	Pipo/Quga		Low	Severe	60	Moderate	450	225	2350
12	0-15%	28,172	NA	579		579	28,172	LSC 5 0	Pipo/Jude/Quga		Low	Severe	55	Moderate	450	225	2350
13	0-15%	45,109	275	NA	NA	275	45,109	LSC 5 -1	Pipo/Pied/Quga/Artr	Pipo/Bogr	Low	Severe	55	Mod	800	175	1500
14	0-15%	5,925	565	NA	565	565	5,925	HSC 5 -1	Pipo/Pied/Quga	Pipo/Bogr	Low	Severe	45	Severe	600	175	1000
15	0-15%	10,725	NA	520	NA	520	10,725	LSM 5 -1	Pipo/Pifa/Jude/Quutu	Pipo/Bogr	Low	Severe	45	Severe	800	50	2500
16	15-40%	3,002	276	NA	NA	276	3,002	LSC 5 -1	Pipo/Pied/Quga/Artr		Low	Severe	55	Severe	800	175	1500
17	15-40%	1,318	266	NA	NA	266	1,318	LSC 5 0	Pipo/Quga	Pipo/Quga/Quga	Low	slight	65	Mod	450	225	2350
18	15-40%	6,518	NA	530	NA	530	6,518	LSM 5 0	Pipo/Jude/	Pipo/	Low	Severe	50	Mod	500	50	2500

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															Herb Cur	For Cur	For Max
									Qutu	Quga/Quga							
19	15-40%	7,965	406	NA	NA	406	7,965	HSC 5 -1	Pipo/Pied/Quga	Pipo/Bogr	Low	Severe	55	Severe	800	175	2000
20	15-40%	2,570	407	NA	NA	407	2,570	LSC 5 0	Pipo/Quga	Pipo/Bogr	Mod	Slight	60	Severe	400	200	2000
21	15-40%	4,543	NA	513	513	513	4,543	HSC 5 -1	Pipo/Pied/Jumo/Fapa	Pipo/Bogr	Low	Severe	50	Mod	725	150	700
22	15-40%	3,124	NA	527	NA	527	3,124	HSC 5 -1	Pipo/Pied/Jude/Come		Low	Mod	50	Mod	600	125	1700
23	0-15%	224,033	290, 293,401, 537	582, 586	401, 537, 586	290	17,654	LSC 5 0	Pipo/Quga		High	Mod	65	Mod	450	200	2300
						293	43	LSC 5 0	Pipo/Quga		Mod	Mod	75	Mod	500	300	2500
						401	25,709	LSC 5 0	Pipo/Quga		High	Slight	70	Mod	500	250	2500
						537	40,212	LSC 5 0	Pipo/Quga		Mod	Mod	70	Mod	500	250	2500
						582	79,072	LSC 5 0	Pipo/Quga		High	Slight	75	Mod	525	275	2650
						586	55,277	LSC 5 0	Pipo/Quga		Hlgh	Slight	65	Mod	500	250	2500
24	0-15%	10,754	NA	546	NA	546	10,754	LSC 5 0	Pipo/Quga/Muvi	Pipo/Quga/Quga	High	Slight	80	Severe	500	250	2500
25	0-15%	18,605	NA	567, 578	NA	567	5,700	LSC 5 0	Pipo/Jude/Quga	Pipo/Quga/Quga	Mod	Mod	65	Severe	500	250	2500
26	0-5%	6,066	10	NA	NA	10	6,066	LSC 5 0	Pipo/Quga	Pipo/Quga/Quga	Mod	Mod	75	Moderate	525	275	2650

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															Herb Cur	For Cur	For Max
						578	12,905	LSC 5 0	Pipo/Jude/Quga		Mod	Mod	65	Severe	500	250	2500
27	0-15%	134,137	304, 324, 325, 401a, 537a	536, 551, 557 ⁶ , 570, 582a	NA	304	1,455	LSC 5 0	Pipo/Fear	Pipo/Fear	Mod	Slight	70	Mod	500	250	2500
						324	13,644	LSC 5 0	Pipo/Fear		Mod	Slight	80	Mod	500	250	2500
						401a	7,307	LSC 5 0	Pipo/Fear		High	Slight	70	Mod	500	250	2500
						536	18,916	LSC 5 0	Pipo/Fear		High	Mod	70	Severe	600	300	2700
						537a	12,880	LSC 5 0	Pipo/Fear		Mod	Slight	70	Mod	500	250	2500
						551	27,684	LSC 5 0	Pipo/Fear		High	Slight	70	Mod	500	250	2500
						570	19,137	LSC 5 0	Pipo/Fear		High	Mod	70	Mod	450	200	2350
						582a	31,551	LSC 5 0	Pipo/Fear		High	Slight	70	Mod	500	250	2500
28	0-15%	6,679	NA	560	NA	560	6,679	LSC 5 0	Pipo/Fear	Pipo/Fear	Mod	Slight	50	Slight	450	150	2300
29	0-15%	9,552	325	NA	NA	325	9,552	LSC 5 0	Pipo/Fear		Mod	Slight	65	Mod	450	225	2350
30	0-15%	13,991	NA	558, 559	NA	558	3,488	LSC 5 0	Pipo/Fapa	Pipo/Fapa	Low	Severe	50	Slight	500	50	50
						559	10,503	LSC 5 0	Pipo/Fapa		Low	Severe	50	Slight	450	25	25
31	15-40%	5,605	NA	561	NA	561	5,605	LSC 5 0	Pipo/Fapa	Pipo/Fapa	Low	Severe	50	Mod	450	25	25
32	15-40%	66,606	294, 402	565, 584	565	294	17	LSC 5 0	Pipo/Quga		Mod	Mod	75	Mod	500	300	2500
						402	14,242	LSC 5 0	Pipo/Quga		Mod	Mod	70	Severe	500	250	2500
						565	8,605	LSC 5 0	Pipo/Quga		High	Mod	70	Severe	450	200	2300
						584	43,741	LSC 5 0	Pipo/Quga		High	Mod	70	Severe	525	250	2500
33	15-40%	6,041	291, 310	NA	NA	291	2,958	LSC 5 0	Pipo/Quga	Pipo/	Mod	Mod	65	Mod	450	200	2300

⁶ Coconino TESU acres not accounted for in total for strata.

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															Herb Cur	For Cur	For Max	
										Quga/ Quga								
						310	3,083	LSC 5 0	Pipo/Quga		Low	Mod	70	Mod	500	250	2500	Mod
34	15-40%	2,740	300	NA	NA	300	2,740	LSC 5 0	Pipo/Quga		Low	Slight	60	Mod	450	225	2350	
35	15-40%	8,462	NA	553, 565a, 584a	565a	553	2,366	LSC 5 0	Pipo/Fear		Low	Mod	50	Mod	500	200	2400	
						565a	1,136	LSC 5 0	Pipo/Fear		High	Mod	70	Severe	450	250	2500	
						584a	4,961	LSC 5 0	Pipo/Fear		High	Mod	70	Severe	525	250	2500	
36	15-40%	11,614	300a, 310a	537	537	537	6,329	LSC 5 0	Pipo/Fear		Low	Mod	55	Severe	475	225	2300	
						310a	2,899	LSC 5 0	Pipo/Fear		Low	Mod	70	Mod	500	250	2500	
						300a	2,386	LSC 5 0	Pipo/Fear	Pipo/Fear	Low	Mod	60	Mod	450	250	2350	
37	0-15%	19,347	283, 297	NA	NA	283	19,335	LSC 5 -1	Pipo/Pied/ Quga/Artr	Pipo/ Quga/	Low	Severe	55	Mod	800	175	2000	
						297	12	LSC 5 -1	Pipo/Pied/ Quga/Artr		Low	Severe	65	Mod	800	250	2000	
38	15-40%	1,704	284	NA	NA	284	1,704	LSC 5 -1	Pipo/Pied/ Quga/Artr	Pipo/ Quga	Low	Mod	55	Mod	800	175	2000	
39	0-15%	76,403	305, 405, 563	500, 505, 506, 517, 523	523	305	940	HSC 5 -1	Pipo/Pied/ Quga	Pipo/ Quga	Low	Severe	55	Mod	800	175	2000	
						405	8,648	HSC 5 -1	Pipo/Pied/ Quga		Low	Severe	55	Mod	800	175	2000	
						500	9,774	HSC 5 -1	Pipo/Pied/ Jude/Quga		Low	Severe	55-60	Severe	800	175	2000	

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															Herb Cur	For Cur	For Max
						505	2,931	HSC 5 -1	Pipo/Pied/Jude/Quga		Low	Mod	55	Mod	800	175	2000
						506	3,360	HSC 5 -1	Pipo/Pied/Jumo/Quga		Low	Mod	50	Mod	800	175	2000
						517	1,257	HSC 5 -1	Pipo/Pied/Jude/Quga		Low	Mod	55	Mod	800	175	2000
						523	28,598	HSC 5 -1	Pipo/Pied/Jumo/Quga		Low	Severe	55	Severe	825	200	2000
						563	20,895	HSC 5 -1	Pipo/Pied/Quga		Low	Mod	55	Mod	800	175	2000
40	0-15%	14,477	NA	510	NA	510	6,886	HSC 5 -1	Pipo/Pied/Jumo/Fapa		Low	Severe	45	Slight	525	25	25
			NA	512	NA	512	7,591	HSC 5 -1	Pipo/Pied/Jumo/Fapa		Low	Severe	50	Slight	725	150	700
41	15-40%	10,422	311, 564	NA	NA	311	1,854	HSC 5 -1	Pipo/Pied/Quga	Pipo/Quga	Low	Severe	55	Severe	800	175	2000
						564	8,588	HSC 5 -1	Pipo/Pied/Quga		Low	Severe	60	Severe	825	200	2100
42	40-120%	13,457	320, 539, 681	575, 596	NA	320	1,752	LSC 5	Pipos		Low	Mod	45	Severe	500	250	1800
						539	2,685	LSC 5	Pipo/Quga		Low	Mod	55	Severe	450	225	1800
						575	4,851	LSC 5	Pipos		Mod	Mod	55	Severe	800	50	250
						596	2,367	LSC 5	Pipos		Low	Slight	50	Severe	400	150	2200
						681	1,803	LSC 5	Pipos		Mod	Mod	65	Severe	450	200	1000
43	40-120%	2,216	431, 648	NA	NA	431	929	HSC 5 -1	Pipo/Pied/Quga		Low	Mod	60-65	Severe	600	125	800
						648	1,287	HSC 5 -1	Pipo/Pied/Quga		Low	Mod	45-50	Severe	600	125	700

