Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion				Percent Current Surface Cover				Percent Vegetation Ground Cover				Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
1	0-5%	15,583	6[1]	9,297	Pachic Argiborolls, fine, montmorillonitic	LSC 5 0	Popr/Fear	5.2	6.7	1.6	.2	5	15	30	50	0	80	30	0	Sat	-0-	slight
			9[2]	1,226	Cumulic Haploborolls, fine-loamy, mixed Cumulic Haploborolls, loamy-skeletal, mixed	LSC 5 0	Popr/Agsm Popr/Agsm	11.4 Same as above	6.7	1.6	.2	5 Same as above	15	35	45	0 Same as above	90	50	12	Sat	-0-	slight
			11[3]	1,585	Cumulic Haploborolls, fine-loamy, mixed	LSC 5 0	Popr/Mumo	9.0	6.7	1.9	.3	5	30	10	55	0	80	40	7	Sat	-0-	slight
			53[4]	3,476	Cumulic Haploborolls, fine-loamy, mixed Pachic Argiborolls, fine, montmorillonitic	LSC 5 0	Popr/Fear Popr/Fear	3.0 NA - Inclusion	9.0	.5	0	0 NA - Inclusion	30	50	20	0 NA - Inclusion	90	45	20	Sat	-0-	slight
2	0-5%	15,923	55[5]	15,923	Pachic Argiborolls, fine, montmorillonitic Vertic Argiustolls, fine, montmorillonitic	LSC 5 0	Popr/Fear Agsm	4.9 4.3	9.0 2.2	1.9 2.8	.1 .1	5 5	15 5	10 5	70 85	0 0	90 80	25 10	15 20	Sat Unsat.	-0- 3,185	slight
3	0-15%	32,981	513[6]	26,726	Typic Argiborolls, clayey-skeletal, mont. Pachic Argiborolls, fine, montmorillonitic	LSC 5 0	Fear/Mumo Fear/Mumo	1.0 1.4	6.7 6.7	.3 .4	0 .1	30 10	25 30	5 5	40 55	0 0	75 75	30 25	0 0	Sat	-0-	slight
			595[7]	6,255	Pachic Argiborolls, fine, montmorillonitic Pachic Argiborolls, clayey-skeletal, mont. Typic Argiborolls, fine, montmorillonitic	LSC 5 0	Fear/Mumo Fear/Mumo Fear/Mumo	4.2 NA Inclusion NA Inclusion	9.0	.5	.1	15 NA Inclusion NA Inclusion	30	25	30	0	75	55	40	Sat	-0-	slight
4	15-40%	873	440[8]	873	Mollic Vitrandepts, cindery, frigid	LSC 5 0	Fear/Mumo	35.5	6.7	11.1	2.0	40	25	5	30	0	70	30	45	Unsat.	873	slight
5	0-15%	3,174	640[9]	3,174	Pachic Udic Argiborolls, loamy-skeletal,	LSC 6 0	Fear/Bran/	23.5	9.0	1.0	.2	25	35	40	10	0	95	75	25	Sat	-0-	slight

[1] Kaibab TESU no TESU 6 within Coconino
[2] Kaibab TESU no TESU 9 within Coconino
[3] Kaibab TESU Coconino TESU within PPJ
[4] Coconino TESU no TESU 53 within Kaibab
[5] Coconino TESU no TESU 55 within Kaibab
[6] Kaibab TESU, Coconino 513 in Strata 8b
[7] Coconino TESU, no TESU 595 within Kaibab
[8] Kaibab TESU, Coconino NF TESU in PJ
[9] Coconino TESU no TESU 640 within Kaibab

Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion				Percent Current Surface Cover				Percent Vegetation Ground Cover				Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
					mixed Pachic Udic Haplborolls, loamy-skeletal, mixed Pachic Paleborolls, loamy-skeletal, mixed	LSC 6 0	Mumo	NA – Inclusion NA – Inclusion															
6	0-15%	8,969	566[10]	8,969	Typic Haplborolls, fine-loamy, mixed Cumulic Haplborolls, coarse-loamy, mixed Typic Haplborolls, loamy-skeletal, mixed	HSC 5 -1	Sihy/Arlo/ Bogr	.3	9.0	.2	.1 NA - Inclusion NA - Inclusion	70	5	5	20	0	40	10	10	Sat	-0-	slight
7	0-15%	1,478	594[11]	1,478	Vitrandic Haploborolls, ash-skeletal over cindery Vitrandic Haploborolls, cindery	LSC 5 0 LSC 5 0	Fear/Mumo Fear/Mumo	1.7	9.0	.2	.1 NA - Inclusion	35	30	20	30	0	80	50	20	Sat	-0-	slight
8	0-15%	1,111	630[12]	1,111	Lithic Eutroboralfs, clayey-skeletal, mont. Mollic Eutroboralfs, clayey-Skeletal, mont.	LSC 5 0	Fear/Mumo Fear/Mumo	2.3 3.1	4.5 6.7	.9 1.0	.1 .1	40 25	20 25	5 5	35 45	0 0	65 75	25 30	0 0	Sat	-0-	slight
9	0-5%	4,389	20[13]	2,035	Vertic Haplaqualls, very fine, mont, frigid	LSC 5 0	CARE/ELEO/ Pola/Alge	2.3	9.0	.3	0	5	40	10	45	0	100	50	0	Sat	-0-	slight
			50[14]	2,354	Vertic Haplaqualls, very fine, mont, frigid	LSC 5 0	Caaq/Elma/ Pola/Alge	11.2	2.2	.4	0	0	30	50	20	0	90	80	45	Sat	-0-	slight
10	0-5%	3,128	37[15]	3,128	Aquic Haploborolls, loamy-skeletal, mixed	LSC 5 0	Popr/CARE/ Fear	2.1	9.0	.6	.1	25	25	5	45	0	80	30	0	Sat	-0-	slight
11	0-15%	108,612	265[16]	10,754	Lithic Eutroboralfs, loamy-skeletal, mixed	LSC 5 0	Pipo/Quga	7.8	4.5	1.3	.2	25	15	30	30	0	85	45	10	Sat	-0-	Mod

[10]Coconino TESU no TESU 566 within Kaibab
[11]Coconino TESU no TESU 594 within Kaibab
[12]Kaibab TESU no TESU 630 within Coconino
[13]Kaibab TESU no TESU 20 within Coconino
[14]Coconino TESU no TESU 50 within Kaibab
[15]Kaibab TESU no TESU 37 within Coconino

Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion				Percent Current Surface Cover				Percent Vegetation Ground Cover				Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
			519[17]	32,949	Lithic Eutroboralfs, clayey-skeletal, mont. Lithic Argiborolls, fine, montmorillonitic	LSC 5 0	Pipo/Quga	1.5	4.5	.5	0	50	5	25	20	0	70	30	0	Sat	-0-	Slight
								Same as above														
			585[18]	64,909	Lithic Eutroboralfs, clayey-skeletal, mont. Mollic Eutroboralfs, fine, montmorillonitic Lithic Argiborolls, clayey-skeletal, mont. Mollic Eutroboralfs, clayey-skeletal, mont.	LSC 5 0	Pipo/Quga	1.0	4.5	.2	0	65	5	35	10	0	75	40	30	Sat	-0-	Slight
								2.3	6.7	.4	.1	50	5	40	20	0	85	45	30			
								NA - Inclusion														
								NA – Inclusion														
12	0-15%	28,172	579[19]	28,172	Lithic Eutroboralfs, clayey-skeletal, mont. Mollic Eutroboralfs, fine, montmorillonitic Typic Argiborolls, clayey-skeletal, mont. Lithic Eutroboralfs, clayey, mont.	LSC 5 0	Pipo/Jude/ Quga	.6	4.5	.2	0	65	5	25	15	0	75	30	30	Sat	-0-	Slight
								2.4	6.7	.3	0	50	5	50	15	0	85	55	25			
								NA - Inclusion														
								NA - Inclusion														
13	0-15%	45,109	275[20]	45,109	Lithic Ustochrepts, loamy-skeletal, mixed	LSC 5 -1	Pipo/Pied/ Quga/Artr	4.1	6.7	.8	.1	Not recorded in publication				0	85	40	0	Sat.	-0-	Slight
14	0-15%	5,925	565[21]	5,925	Lithic Argiborolls, clayey-skeletal, mont. Lithic Argiborolls, fine, mont.	HSC 5 -1	Pipo/Pied/ Quga	1.5	4.5	.9	.1	40	10	5	45	0	65	15	0	Sat.	-0-	Slight
								Same as Above				Same as above				Same as above						
15	0-15%	10,725	520[22]	10,725	Udic Haplustalfs, fine, mont., mesic Lithic Haplustalfs, clayey-skeletal, mont., mesic Udic Haplustalfs, fine, mont., mesic Udic Argiustolls, fine, mont., mesic	LSM 5 -1	Pipo/Pifa/ Jude/Qutu	4.3	6.7	1.0	.3	45	5	30	25	0	65	35	10	Sat.	-0-	Slight
								2.1	6.7	.7	.1	55	5	30	20	0	60	35	20			
								NA - Inclusion														
								NA - Inclusion														

[16] Kaibab TESU no TESU 265 within Coconino
[17] Kaibab TESU no TESU 519 within Coconino
[18] Coconino TESU no TESU 585 within Kaibab
[19] Coconino TESU no TESU 579 within Kaibab
[20] Kaibab TESU no TESU 275 within Coconino
[21] Kaibab TESU, TESU 565 within Coconino found in Strata 12
[22] Coconino TESU no TESU 520 within Kaibab

Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion				Percent Current Surface Cover				Percent Vegetation Ground Cover				Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
16	15-40%	3,002	276[23]	3,002	Lithic Haploborolls, Loamy-skeletal, mixed, frigid Rock Outcrop	LSC 5 -1	Pipo/Pied/ Quga/Artr	66.9	4.5	9.3	1.5 NA	25	5	50	20	0	85	50	65	Unsat.	3,002	Severe
17	15-40%	1,318	266[24]	1,318	Lithic Eutroboralfs, loamy-skeletal, mixed Rock Outcrop	LSC 5 0	Pipo/Quga	52.2	4.5	7.3	1.2 NA	30	10	40	20	0	85	50	60	Unsat.	1,318	Severe
18	15-40%	6,518	530[25]	6,518	Udic Haplustalfs, clayey-skeletal, mont., mesic Lithic Haplustalfs, clayey-skeletal, mont., mesic Udic Haplustalfs, fine, mont., mesic Lithic Argiustolls, clayey-skeletal, mont., mesic	LSM 5 0	Pipo/Jude/ Qutu	25.7 34.7 NA - Inclusion NA - Inclusion	6.7	4.2	1.1 4.5	7.0	1.9	50 55	5 5	40 45	10 20	0 0	75 60	45 40	30 50	Sat Unsat	-0- 2,610	Mod
19	15-40%	7,965	406[26]	7,965	Mollic Eutroboralfs, fine, montmorillonitic Lithic Eutroboralfs, clayey-skeletal, mont	HSC 5 -1	Pipo/Pied/ Quga	24.6 35.5	6.7 4.5	7.4 15.3	1.0 4.1	50 50	5 5	25 15	20 30	0 0	75 55	30 20	35 55	Unsat.	7,965	Severe
20	15-40%	2,570	407[27]	2,570	Typic Vitrandepts, cindery, frigid Lithic Vitrandepts, cindery, frigid	LSC 5 0	Pipo/Quga	35.5 35.5	6.7 4.5	8.9 8.9	1.5 1.5	50 50	10 10	20 25	20 15	0 0	75 75	35 35	45 55	Unsat.	2,570	Severe
21	15-40%	4,543	513[28]	4,543	Typic Ustochrepts, cindery, frigid Typic Ustorthents, cindery, frigid	HSC 5 -1	Pipo/Pied/ Jumo/Fapa	9.0 NA - Inclusion	2.2	2.8	.9	75	5	30	15	0	55	35	20	Unsat.	4,543	Mod
22	15-	3,124	527[29]	3,124	Lithic Haploborolls, loamy-skeletal, mixed	HSC 5 -1	Pipo/Pied/	6.0	4.5	1.2	1.2	65	5	35	20	0	65	40	20	Sat	-0-	Mod.

[23] Kaibab TESU no TESU 276 within Coconino
[24] Kaibab TESU no TESU 266 within Coconino
[25] Coconino TESU no TESU 530 within Kaibab
[26] Kaibab TESU no TESU 406 within Coconino
[27] Kaibab TESU no TESU 407 within Coconino
[28] Coconino TESU, TESU 513 on Kaibab located in Strata 2

Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion Pot. Tol. Cur. Nat.	Percent Current Surface Cover RkFr Veg Litter BS	Percent Vegetation Ground Cover Pot. Nat. Cur. Tol.	Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
	40%				Typic Haploborolls, loamy-skeletal, mixed Typic Eutroboralfs, clayey-skeletal, mixed Lithic Eutroboralfs, loamy-skeletal, mixed		Jude/Come	5.1 6.7 1.0 .4 NA - Inclusion NA - Inclusion	Same as above	0 70 40 20			
23	0-15%	217,967	290[30]	17,654	Typic Eutroboralfs, fine, montmorillonitic Typic Eutroboralfs, clayey-skeletal, mont	LSC 5 0	Pipo/Quga	4.3 6.7 .8 .1 Same as above	30 10 35 25 Same as Above	0 85 45 0 Same as Above	Sat	-0-	Slight
			293[31]	43	Mollic Eutroboralfs, clayey-skeletal, mont Mollic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Quga	8.5 6.7 1.0 .2 Same as above	10 5 50 35 Same as Above	0 85 55 5 Same as Above	Sat	-0-	Slight
			401[32]	25,709	Mollic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Quga	2.3 6.7 .4 .1	30 10 45 15	0 85 55 0	Sat	-0-	Slight
			537[33]	40,212	Mollic Eutroboralfs, clayey-skeletal, mont Typic Argiborolls, fine, montmorillonitic.	LSC 5 0	Pipo/Quga	1.5 6.7 .3 0 2.3 6.7 .3 .1	40 5 40 15 30 10 40 20	0 85 45 0 0 85 50 0	Sat	-0-	Slight
			582[34]	79,072	Typic Argiborolls, fine, mont Mollic Eutroboralfs, c-sk, montmorillonitic Typic Argiborolls, c-sk, montmorillonitic Mollic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Quga	3.3 9.0 .3 .1 2.9 9.0 .2 .1 NA – Inclusion NA - Inclusion	25 5 55 15 30 5 60 15	0 85 60 25 0 85 65 30	Sat	-0-	Slight
			586[35]	55,277	Mollic Eutroboralfs, fine, montmorillonitic Mollic Eutroboralfs, c-sk, montmorillonitic Lithic Eutroboralfs	LSC 5 0	Pipo/Quga	2.3 6.7 .3 .1 Same as above NA – Inclusion	50 5 50[36] 15 50 5 45 10	0 85 55 10 0 85 50 10	Sat	-0-	Slight
24	0-15%	10,754	546[37]	10,754	Typic Eutroboralfs, fine, montmorillonitic Typic Paleboralfs, fine, montmorillonitic Typic Eutroboralfs, c-sk, montmorillonitic	LSC 5 0	Pipo/Quga/ Muvi	3.1 9.0 .1 0 NA – Inclusion NA – Inclusion	15 5 75 15	0 90 80 20	Sat	-0-	Slight

[29] Coconino TESU, no TESU 527 on Kaibab
[30] Kaibab TESU, no TESU 290 on Coconino
[31] Kaibab TESU, no TESU 293 on Coconino
[32] Kaibab TESU, Coconino 401 TESU found in LSM -1 (Redberry Juniper PPC)
[33] Kaibab TESU, Coconino 537 found in Strata 13a
[34] Coconino TESU, no TESU 582 on Kaibab
[35] Coconino TESU, TESU 586 on Kaibab found in pinyon pine/one-seed juniper zone
[36] As per discussion with George Robertson surface components can exceed 100 percent. This results from litter covering rock in many forested ecosystems.
[37] Coconino TESU, no TESU 546 on Kaibab

Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion				Percent Current Surface Cover				Percent Vegetation Ground Cover				Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
25	0-15%	18,605	567[38]	5,700	Typic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Jude/	3.7	6.7	.6	.1	20	5	45	30	0	80	50	30	Sat	-0-	Slight
					Mollic Eutroboralfs, fine, montmorillonitic		Quga	7.8	9.0	.9	.1	10	5	50	40	0	80	55	30			
					Lithic Eutroboralfs, c-sk, montmorillonitic			NA – Inclusion														
					Mollic Eutroboralfs, c-sk, montmorillonitic			NA – Inclusion														
			578[39]	12,905	Mollic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Jude/	6.1	9.0	.4	.1	30	5	60	5	0	80	65	25	Sat	-0-	Slight
					Typic Argiborolls, fine, montmorillonitic		Quga	2.3	9.0	.2	0	30	5	60	5	0	80	65	25			
					Typic Eutroboralfs, fine, montmorillonitic			NA – Inclusion														
26	0-5%	6,606	10[40]	6,066	Typic Argiborolls, fine, montmorillonitic	LSC 5 0	Pipo/Quga	6.1	6.7	1.3	.2	15	5	35	45	0	80	40	0	Sat	-0-	Slight
27	0-15%	134,137	304[41]	1,455	Typic Eutroboralfs, c-sk, montmorillonitic	LSC 5 0	Pipo/Fear	2.3	6.7	.4	.1	45	10	35	10	0	85	45	0	Sat	-0-	Slight
			324[42]	13,644	Typic Eutroboralfs, c-sk, montmorillonitic	LSC 5 0	Pipo/Fear	2.3	6.7	.5	.1	45	5	35	15	0	85	50	0	Sat	-0-	Slight
					Typic Eutroboralfs, fine, montmorillonitic			3.1	6.7	.5	.1	30	10	40	20	0	85	50	0			
			401a[43]	7,307	Mollic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Fear	2.3	6.7	.4	.1	30	10	45	15	0	85	55	0	Sat	-0-	Slight
			536[44]	18,916	Mollic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Fear	21.8	6.7	2.4	.5	10	10	45	35	0	85	55	30	Sat	-0-	Slight
					Typic Eutroboralfs, fine, montmorillonitic			8.5	9.0	.8	.2	10	10	50	30	0	85	60	15			
					Udic Ustochrepts, loamy-skeletal, mixed			NA – Inclusion														
					Lithic Eutroboralfs, loamy-skeletal, mixed			NA – Inclusion														
			537a[45]	12,880	Mollic Eutroboralfs, clayey-skeletal, mont	LSC 5 0	Pipo/Fear	1.5	6.7	.3	0	40	5	40	15	0	85	45	0	Sat	-0-	Slight
					Typic Argiborolls, fine, montmorillonitic.			2.3	6.7	.3	.1	30	10	40	20	0	85	50	0			
			551[46]	27,684	Mollic Eutroboralfs, loamy-skeletal, mixed	LSC 5 0	Pipo/Fear	3.3	9.0	.3	.1	30	5	75	10	0	85	80	30	Sat	-0-	Slight
					Mollic Eutroboralfs, fine-loamy, mixed			NA – Inclusion														

[38] Coconino TESU, no TESU 567 on Kaibab
[39] Coconino TESU, no TESU 578 on Kaibab
[40] Kaibab TESU, no TESU 10 on Coconino
[41] Kaibab TESU, no TESU 304 on Coconino
[42] Kaibab TESU, no TESU 324 on Coconino
[43] Kaibab TESU, Coconino 401 TESU found in LSM -1 (Redberry Juniper PPC)
[44] Coconino TESU, no TESU 536 on Kaibab
[45] Kaibab TESU, no 537a TESU on Coconino
[46] Coconino TESU, no TESU 551 on Kaibab

Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion				Percent Current Surface Cover				Percent Vegetation Ground Cover				Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
					Typic Argiborolls, fine-loamy, mixed			NA – Inclusion														
			557[47]		Mollic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Quga	4.6	9.0	.2	.1	30	5	65	10	0	85	70	20	Sat	-0-	Slight
					Mollic Eutroboralfs, c-sk, montmorillonitic			NA – Inclusion														
					Typic Argiborolls, fine, mont			NA - Inclusion														
			570[48]	19,137	Typic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Fear	2.2	6.7	.2	.1	45	5	50	5	0	85	55	30	Sat	-0-	Slight
					Typic Eutroboralfs, c-sk, montmorillonitic			2.9	6.7	.4	.1	50	5	45	5	0	85	50	30			
					Mollic Eutroboralfs, c-sk, montmorillonitic			NA – Inclusion														
					Lithic Eutroboralfs, loamy-skeletal, mixed			NA – Inclusion														
			582a[49]	31,551	Typic Argiborolls, fine, montmorillonitic	LSC 5 0	Pipo/Fear	3.3	9.0	.3	.1	25	5	55	15	0	85	60	25	Sat	-0-	Slight
					Mollic Eutroboralfs, c-sk, montmorillonitic			2.9	9.0	.2	.1	30	5	60	15	0	85	65	30			
					Typic Argiborolls, c-sk, montmorillonitic			NA – Inclusion														
					Mollic Eutroboralfs, fine, montmorillonitic			NA – Inclusion														
28	0-15%	6,679	560[50]	6,679	Vitrandic Ustochrepts, ashy-skeletal over cindery, frigid	LSC 5 0	Pipo/Fear	2.8	9.0	.4	.1	45	5	45	15	0	70	50	20	Sat	-0-	Slight
					Vitrandic Haploborolls, ashy-skeletal over cindery, frigid			NA – Inclusion														
					Vitrandic Argiborolls, ashy-skeletal, frigid			NA – Inclusion														
29	0-15%	9,552	325[51]	9,552	Udic Ustochrepts, loamy-skeletal, mixed	LSC 5 0	Pipo/Fear[52]	3.1	6.7	.5	.1	30	10	35	25	0	85	45	0	Sat	-0-	Slight
30	0-15%	13,991	558[53]	3,488	Vitrandic Ustochrepts, ashy-skeletal, frigid	LSC 5 0	Pipo/Fapa	1.9	9.0	.4	.2	55	5	35	15	0	60	40	20	Sat	-0-	Slight
					Typic Ustorthents, cindery, frigid			NA – Inclusion														

[47] Coconino TESU, no TESU 557 on Kaibab
[48] Coconino TESU, no TESU 570 on Kaibab
[49] Coconino TESU, no TESU 582a on Kaibab
[50] Coconino TESU, no TESU 560 on Kaibab
[51] Kaibab TESU, no TESU 325 on Coconino
[52] Mapped Pipo/Quga in Kaibab TES
[53] Coconino TESU, no TESU 558 on Kaibab

Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion				Percent Current Surface Cover				Percent Vegetation Ground Cover				Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
			559[54]	10,503	Vitrandic Ustorthents, cindery, frigid Vitrandic Ustochrepts, ashy-skeletal, frigid	LSC 5 0	Pipo/Fapa	.8 NA – Inclusion	9.0	.1	.1	75	5	40	10	0	60	45	20	Sat	-0-	Slight
31	15-40%	5,605	561[55]	5,605	Typic Ustorthents, cindery, frigid Vitrandic Ustochrepts, ashy-skeletal, frigid	LSC 5 0	Pipo/Fapa	12.2 NA – Inclusion	9.0	2.0	1.3	75	5	40	10	0	60	40	10	Sat	-0-	Mod
32	15-40%	66,606	294[56]	17	Mollic Eutroboralfs, clayey-skeletal, mont Mollic Eutroboralfs, fine, montmorillonitic	LSC 5 0	Pipo/Quga	50.2 Same as above	6.7	4.5	1.1	10 Same as above	5	50	35	0 Same as above	85	60	50	Sat	-0-	Mod
			402[57]	14,242	Mollic Eutroboralfs, fine, mixed Lithic Eutroboralfs, c-sk, mixed	LSC 5 0	Pipo/Quga	24.6 24.6	6.7 4.5	4.2 5.1	.5 1.4	40 40	10 10	35 30	15 20	0 0	85 70	45 40	35 45	Sat Unsat.	-0- 2,850	Severe
			565[58]	8,605	Mollic Eutroboralfs, clayey-skeletal, mixed Mollic Eutroboralfs, loamy-skeletal, mixed Lithic Eutroboralfs, c-sk, mixed	LSC 5 0	Pipo/Quga	39.1 NA – Inclusion NA – Inclusion	9.0	.2	.1	40	5	55	25	0	85	60	40	Sat	-0-	Severe
			584[59]	43,741	Mollic Eutroboralfs, clayey-skeletal, mont. Typic Argiborolls, fine, montmorillonitic Mollic Eutroboralfs, fine, montmorillonitic Typic Argiborolls, c-sk, montmorillonitic	LSC 5 0	Pipo/Quga	30.3 22.5 NA – Inclusion NA – Inclusion	6.7 9.0	1.7 .7	.4 .3	45 40	5 5	65 70	10 10	0 0	85 85	70 75	30 30	Sat	-0-	Severe
33	15-40%	6,041	291[60]	2,958	Typic Eutroboralfs, clayey-skeletal, mixed Typic Eutroboralfs, loamy-skeletal, mixed	LSC 5 0	Pipo/Quga	85.6 Same as above	6.7	9.8	1.9	30 Same as above	5	50	15	0 Same as above	85	55	65	Unsat	2,958	Mod
			310[61]	3,083	Typic Eutroboralfs, clayey-skeletal, mixed	LSC 5 0	Pipo/Quga	30.6	6.7	4.2	1.7	40	10	40	10	0	70	50	40	Sat	-0-	Mod
34	15-40%	2,740	300[62]	2,740	Udic Ustochrepts, loamy-skeletal, mixed, frigid	LSC 5 0	Pipo/Quga	33.5	6.7	5.8	.7	40	5	40	15	0	85	45	40	Sat	-0-	Mod

[54] Coconino TESU, no TESU 559 on Kaibab
[55] Coconino TESU, no TESU 561 on Kaibab
[56] Kaibab TESU, no 294 TESU on Coconino
[57] Kaibab TESU, TESU 402 on Coconino found in LSM -1 (Utah Juniper PPC)
[58] Coconino TESU, TESU 565 on Kaibab found in Strata 6a
[59] Coconino TESU, no TESU 584 on Kaibab
[60] Kaibab TESU, no 291 TESU on Coconino
[61] Kaibab TESU, no 310 TESU on Coconino
[62] Kaibab TESU, no 300 TESU on Coconino

Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion				Percent Current Surface Cover				Percent Vegetation Ground Cover				Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
35	15-40%	8,462	553[63]	2,366	Typic Argiborolls, loamy-skeletal, mixed Lithic Eutroboralfs, loamy-skeletal, mixed Talus	LSC 5 0	Pipo/Fear	2.9 NA – Inclusion	6.7	1.8	1.3	70	5	35	5	0	70	40	10	Sat	-0-	Slight
			565a[64]	1,136	Mollic Eutroboralfs, clayey-skeletal, mixed Mollic Eutroboralfs, loamy-skeletal, mixed Lithic Eutroboralfs, c-sk, mixed	LSC 5 0	Pipo/Fear	39.1 NA – Inclusion NA – Inclusion	9.0	3.4	1.6	40	5	55	25	0	85	60	40	Sat	-0-	Severe
			584a[65]	4,961	Mollic Eutroboralfs, clayey-skeletal, mont. Typic Argiborolls, fine, montmorillonitic Mollic Eutroboralfs, fine, montmorillonitic Typic Argiborolls, c-sk, montmorillonitic	LSC 5 0	Pipo/Fear	30.3 22.5 NA – Inclusion NA – Inclusion	6.7 4.5	1.7 .2	.4 0	45 40	5 5	65 70	10 10	0 0	85 85	70 75	30 30	Sat	-0-	Severe
36	15-40%	11,614	537	6,329	Lithic Argiborolls, loamy-skeletal, mixed Mollic Eutroboralfs, loamy-skeletal, mixed Rock Outcrop Lithic Eutroboralfs, loamy-skeletal, mixed	LSC 5 0	Pipo/Fear	14.3 18.5 NA NA – Inclusion	4.5 6.7	.7 .8	.4 .4	55 50	5 5	70 70	5 5	0 0	80 80	75 75	30 25	Sat	-0-	Mod
			300a	2,386	Udic Ustochrepts, loamy-skeletal, mixed, frigid	LSC 5 0	Pipo/Fear	33.5	6.7	5.8	.7	40	5	40	15	0	85	45	40	Sat	-0-	mod
			310a	2,899	Typic Eutroboralfs, c-sk, montmorillonitic	LSC 5 0	Pipo/Fear	30.6	6.7	4.2	1.7	40	10	40	10	0	70	50	40	Sat	-0-	Mod
37	0-15%	19,347	283[66]	19,335	Typic Eutroboralfs, fine, montmorillonitic Typic Eutroboralfs, c-sk, montmorillonitic	LSC 5 -1	Pipo/Pied/ Quga/Artr	4.3 Same as Above	6.7	.8	.1	25 Same as above	20	25	30	0 Same as above	85	45	0	Sat	-0-	Slight
			297[67]	12	Mollic Eutroboralfs, fine, montmorillonitic Mollic Eutroboralfs, c-sk, montmorillonitic	LSC 5 -1	Pipo/Pied/ Quga/Artr	8.5 Same as Above	6.7	1.0	.3	20 Same as above	5	60	15	0 Same as above	80	65	5	Sat	-0-	Slight
38	15-	1,704	284[68]	1,704	Typic Eutroboralfs, c-sk, montmorillonitic	LSC 5 -1	Pipo/Pied/	54.7	6.7	9.4	1.2	35	10	35	20	0	85	55	45	Unsat	1,704	Severe

[63] Coconino TESU, no TESU 563 on Kaibab
[64] Coconino TESU, no TESU 565a on Kaibab
[65] Coconino TESU, no TESU 584 on Kaibab
[66] Kaibab TESU, no 283 TESU on Coconino
[67] Kaibab TESU, no 297 TESU on Coconino

Table – 3: Watershed Interpretations for Stratums within Forest Restoration Proposal – Coconino and Kaibab National Forests

Stratum Number	Slope	Total Acres for Strata	Final Strata Comb	Acres per TESU	Taxonomic Classification	Climatic Class	PPC	Sheet and Rill Erosion				Percent Current Surface Cover				Percent Vegetation Ground Cover				Soil Cond	Acres of Unsat., Soil Cond	Soil Erosion Hazard
								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
	40%				Typic Eutroboralfs, fine, montmorillonitic		Quga/Artr	76.5	6.7	13.2	1.7	Same as above				0	85	55	45			
39	0-15%	76,403	305[69]	940	Typic Eutroboralfs, c-sk, montmorillonitic	HSC 5 -1	Pipo/Pied/ Quga	1.5	6.7	.6	0	45	10	25	20	0	80	35	0	Sat	-0-	Slight
			405[70]	8,648	Mollic Eutroboralfs, fine, montmorillonitic	HSC 5 -1	Pipo/Pied/ Quga	1.5	6.7	.5	0	45	10	20	25	0	80	30	0	Sat	-0-	Slight
			500[71]	9,774	Mollic Eutroboralfs, fine, montmorillonitic Lithic Eutroboralfs, l-sk, mixed Udic Ustochrepts, calcareous, fine-loamy, mixed, frigid	HSC 5 -1	Pipo/Pied/ Jude/Quga	4.6	9.0	.4	.1 NA – Inclusion NA – Inclusion NA – Inclusion	10	5	40	45	0	70	45	25	Sat	-0-	Slight
			505[72]	2,931	Mollic Eutroboralfs, fine, montmorillonitic Mollic Eutroboralfs, c-sk, montmorillonitic Typic Argiborolls, fine, montmorillonitic	HSC 5 -1	Pipo/Pied/ Jude/Quga	1.9	9.0	.4	.1 NA – Inclusion NA – Inclusion	40	5	35	20	0	70	40	10	Sat	-0-	Slight
			506[73]	3,360	Mollic Eutroboralfs, fine-loamy, mixed Mollic Eutroboralfs, fine, montmorillonitic Typic Argiborolls, fine, montmorillonitic	HSC 5 -1	Pipo/Pied/ Jumo/Quga	3.7	9.0	.9	.3 NA – Inclusion NA – Inclusion	55	10	25	10	0	65	35	20	Sat	-0-	Slight
			517[74]	1,257	Typic Eutroboralfs, c-sk, montmorillonitic Mollic Eutroboralfs, c-sk, montmorillonitic	HSC 5 -1	Pipo/Pied/ Jude/Quga	3.8	9.0	.8	.3 NA - Inclusion	45	5	30	25	0	65	35	10			
			523[75]	28,598	Mollic Eutroboralfs, fine, montmorillonitic Typic Argiborolls, c-sk, montmorillonitic	HSC 5 -1	Pipo/Pied/ Jumo/Quga	2.1	6.7	.7	.1 NA – Inclusion	50	5	20	30	0	65	25	15	Sat	-0-	Slight
			563[76]	20,895	Mollic Eutroboralfs, c-sk, montmorillonitic Typic Argiborolls, fine, montmorillonitic	HSC 5 -1	Pipo/Pied/ Quga	1.5 2.3	6.7 6.7	.5 .5	.1 .1	55 30	10 15	20 20	15 35	0 Same as above	70	30	0	Sat	-0-	Slight

[68] Kaibab TESU, no 284 on Coconino, originally TESU 298 part of this strata, no acres reported
[69] Kaibab TESU, no TESU 305 on Coconino
[70] Kaibab TESU, no 405 on Coconino
[71] Coconino TESU, no TESU 500 on Kaibab
[72] Coconino TESU, no TESU 505 on Kaibab
[73] Coconino TESU, no TESU 506 on Kaibab
[74] Coconino TESU, no TESU 517 on Kaibab
[75] Coconino TESU, TESU 523 on Kaibab mapped in LSM -1 (Pied/Jude/Qutu2/Arpu5)
[76] Kaibab TESU, no TESU 563 on Coconino

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								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
40	0-15%	14,477	510[77]	6,886	Typic Ustorthents, cindery, frigid Vitrandic Ustochrepts, ashy-skeletal, frigid	HSC 5 -1	Pipo/Pied/ Jumo/Fapa	.5	9.0	.2	.1	75	5	20	10	0	50	25	5	Sat	-0-	Slight
								NA – Inclusion														
			512[78]	7,591	Vitrandic Ustochrepts, ashy-skeletal, frigid Vitrandic Haploborolls, ashy Vitrandic Haploborolls, ashy-skeletal	HSC 5 -1	Pipo/Pied/ Jumo/Fapa	.8	9.0	.2	.1	75	5	35	10	0	60	40	10	Sat	-0-	Slight
								NA – Inclusion														
								NA – Inclusion														
41	15-40%	10,422	311[79]	1,854	Typic Eutroboralfs, c-sk, montmorillonitic	HSC 5 -1	Pipo/Pied/ Quga	30.6	6.7	9.0	.7	50	10	30	10	0	85	30	40	Unsat.	1,854	Severe
			564[80]	8,588	Typic Argiborolls, c-sk, montmorillonitic Typic Argiborolls, fine, montmorillonitic Rock Outcrop	HSC 5 -1	Pipo/Pied/ Quga	30.6	6.7	9.0	1.7	55	10	20	15	0	70	30	40	Unsat.	8,588	Severe
								45.8	6.7	9.0	1.7	30	15	15	40	0	70	30	50			
42	40-120%	13,457	320[81]	1,752	Lithic Ustorthents, frigid Udic Ustochrepts, frigid	LSC 5	Pipos	41.4	4.5	4.8	.9	25	5	55	15	0	85	55	55	Unsuit[82]	NA	Severe
								41.4	6.7	3.7	.9	35	5	55	5	0	85	60	45			
			539[83]	2,685	Typic Argiborolls Rock Outcrop	LSC 5	Pipo/Quga	62.0	6.7	18.5	4.4	65	10	20	5	0	65	30	50	Unsuit	NA	Severe
								NA														
			575[84]	4,851	Mollic Eutroboralfs Lithic Eutroboralfs Rock Outcrop	LSC 5	Pipos	73.1	6.7	6.7	3.0	40	5	60	10	0	80	65	10[85]	Unsuit	NA	Severe
								18.9	4.5	4.0	1.3	45	5	55	15	0	70	60	60			
			596[86]	2,367	Rock Outcrop	LSC 5		NA													NA	Severe

[77] Coconino TESU, no TESU 510 on Kaibab
[78] Coconino TESU, no TESU 512 on Kaibab
[79] Kaibab TESU, no TESU 311 on Coconino
[80] Kaibab TESU, no TESU 564 on Coconino
[81] Kaibab TESU, no TESU 320 on Coconino
[82] Unsuited – Geologic soil erosion exceeds soil loss tolerance because of site influences not management induced factors.
[83] Kaibab TESU, no TESU 539 on Coconino
[84] Coconino TESU, no TESU 575 on Kaibab
[85] The value of 10 percent EGC for tolerance seems low.

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								Pot.	Tol.	Cur.	Nat.	RkFr	Veg	Litter	BS	Pot.	Nat.	Cur.	Tol.			
					Lithic Haploborolls, loamy-skeletal, mixed		Pipos	8.3	4.5	3.6	2.9	80	5	15	5	0	20	20	15	Sat		
					Eutric Glossoboralfs, loamy-skeletal, mixed	LSC 6	Psmeg	23.8	9.0	6.6	4.0	75	5	30	5	0	95	75	30	Sat		
			681[87]	1,803	Typic Eutroboralfs	LSC 5	Pipos	86.4	6.7	2.7	1.9	15	5	75	5	0	85	80	65	Sat	NA	Mod
					Lithic Eutroboralfs			86.4	4.5	2.7	1.9	Same as above				Same as above				Sat		
43	40-80%	2,216	431[88]	929	Mollic Eutroboralfs	HSC 5 -1	Pipo/Pied/	57.9	6.7	17.4	2.5	55	15	15	15	0	75	55	30	Unsuit	NA	Severe
					Lithic Eutroboralfs		Quga	51.7	4.5	21.1	2.5	60	15	10	15	0	75	25	65	Unsuit		
			648[89]	1,287	Typic Argiborolls	HSC 5 -1	Pipo/Pied/	62.0	6.7	15.5	4.5	55	5	30	10	0	55	35	55	Unsuit	NA	Severe
					Lithic Argiborolls		Quga	62.0	4.5	12.7	6.9	50	5	35	10	0	55	35	55			
44	40-120%	18,742	555[90]	18,577	Typic Dystrochrepts, frigid	LSC 6	Psmeg	59.6	6.7	1.8	1.3	50	5	75	0	0	85	80	55	Sat	NA	Severe
					Rock Outcrop			NA														
					Mollic Eutroboralfs		Pipos	35.3	6.7	1.9	1.1	55	5	65	0	0	80	70	40			
					Lithic Dystrochrepts		Psmeg	NA - Inclusion														
		185	620[91]	185	Typic Eutrochepts, frigid	LSC 6 -1	Psmeg/Pipo	168	6.7	11.5	11.5	30	5	60	5	0	70	70	75	Unsuit	NA	Severe
					Udic Haploborolls		Jude/Qutu	89	6.7	11.9	11.9	45	10	45	5	0	55	55	60			
					Rock Outcrop																	
					Udic Argiborolls																	
45	40-120%	1,552	660[92]	1,552	Typic Eutrochepts, frigid	LSC 5	Quga/Rone	35.3	6.7	4.6	.8	45	5	45	5	0	85	50	40	Sat	NA	Severe
					Typic Haploborolls			52.9	6.7	6.7	1.2	Same as Above				0	85	50	50	Unsuit		

[86] Coconino TESU, no TESU 596 on Kaibab
[87] Kaibab TESU, no TESU 681 on Coconino
[88] Kaibab TESU, no TESU 431 on Coconino
[89] Kaibab TESU, no TESU 648 on Coconino
[90] Coconino TESU, no TESU 555 on Kaibab
[91] Coconino TESU, TESU 620 on Kaibab located on NKRD
[92] Kaibab TESU, no TESU 660 on Coconino