Highly Erodible Map Unit List
Colusa County Soil Survey

mukey	musym	mapunit name	component name	component percentage RV	WEI	C FACTOR	T factor	Kf factor	R FACTOR MIN	R FACTOR MODE	R FACTOR MAX	SLOPE MIN	SLOPE MAX	SLOPE LENGTH MIN	SLOPE LENGTH MAX	LS MIN	LS MAX	EI wind C*I/T	Rmin 8t/rk	Rmode 8t/rk	Rmax 8t/rk	MIN R water HEL **	Mode R Water HEL *	Max R water HEL ***	Wind HEL
461543	100	Capay clay loam, 0 to 1 percent slopes, occasionally flooded	Capay	90	86	0.05	5	0.28	25	30	30	0	1	200	800	0.110	0.240	0.01	5.71	4.76	4.76	NHEL	NHEL	NHEL	NHEL
461668	101	Capay silty clay, 0 to 2 percent slopes, frequently flooded	Capay	90	86	0.05	5	0.28	30	30	30	0	2	200	800	0.110	0.370	0.01	4.76	4.76	4.76	NHEL	NHEL	NHEL	NHEL
461544	102	Capay clay loam, 0 to 1 percent slopes	Capay	90	86	0.05	5	0.28	25	25	40	0	1	200	800	0.110	0.240	0.01	5.71	5.71	3.57	NHEL	NHEL	NHEL	NHEL
461545	103	Capay clay loam, 0 to 1 percent slopes, frequently flooded	Capay	90	86	0.05	5	0.28	25	25	25	0	1	200	800	0.110	0.240	0.01	5.71	5.71	5.71	NHEL	NHEL	NHEL	NHEL
461546	104	Willows silty clay, 0 to 1 percent slopes, frequently flooded	Willows	90	86	0.05	5	0.28	25	30	30	0	1	200	800	0.110	0.240	0.01	5.71	4.76	4.76	NHEL	NHEL	NHEL	NHEL
461547	105	Willows silty clay, 0 to 1 percent slopes, occasionally flooded	Willows	90	86	0.05	5	0.28	25	25	30	0	1	200	800	0.110	0.240	0.01	5.71	5.71	4.76	NHEL	NHEL	NHEL	NHEL
461548	106	Willows silty clay, 0 to 1 percent slopes	Willows	90	86	0.05	5	0.28	25	25	30	0	1	200	800	0.110	0.240	0.01	5.71	5.71	4.76	NHEL	NHEL	NHEL	NHEL
461549	107	Scribner silt loam, 0 to 1 percent slopes, occasionally flooded	Scribner	80	48	0.05	5	0.43	25	25	25	0	1	200	800	0.110	0.240	0.00	3.72	3.72	3.72	NHEL	NHEL	NHEL	NHEL
461550	108	Scribner silt loam, 0 to 1 percent slopes	Scribner	80	48	0.05	5	0.43	25	25	30	0	1	200	800	0.110	0.240	0.00	3.72	3.72	3.10	NHEL	NHEL	NHEL	NHEL
461551	109	Scribner silt loam, 0 to 1 percent slopes, frequently flooded	Scribner	80	48	0.05	5	0.43	25	25	25	0	1	200	800	0.110	0.240	0.00	3.72	3.72	3.72	NHEL	NHEL	NHEL	NHEL
461552	110	Hustabel sandy loam, 0 to 1 percent slopes	Hustabel	80	86	0.05	5	0.37	25	25	25	0	1	200	800	0.110	0.240	0.01	4.32	4.32	4.32	NHEL	NHEL	NHEL	NHEL
461553	112	Westfan loam, 0 to 2 percent slopes	Westfan	80	48	0.05	5	0.32	25	25	40	0	2	200	800	0.110	0.370	0.00	5.00	5.00	3.13	NHEL	NHEL	NHEL	NHEL
461554	113	Westfan loam, sodic, 0 to 2 percent slopes	Westfan	85	48	0.05	5	0.32	25	25	25	0	2	200	800	0.110	0.370	0.00	5.00	5.00	5.00	NHEL	NHEL	NHEL	NHEL
461555	114	Westfan clay loam, 0 to 1 percent slopes	Westfan	80	86	0.05	5	0.32	25	30	30	0	1	200	800	0.110	0.240	0.01	5.00	4.17	4.17	NHEL	NHEL	NHEL	NHEL
461556	115	Clear Lake clay, 0 to 1 percent slopes,occasionally flooded	Clear Lake	90	86	0.05	5	0.24	25	25	25	0	1	200	800	0.110	0.240	0.01	6.67	6.67	6.67	NHEL	NHEL	NHEL	NHEL
461557	116	Clear Lake clay, calcareous, 0 to 2 percent slopes, occasionally flooded	Clear Lake	90	86	0.05	5	0.24	25	25	25	0	2	200	800	0.110	0.370	0.01	6.67	6.67	6.67	NHEL	NHEL	NHEL	NHEL
461558	117	Clear Lake clay, calcareous, 0 to 1 percent slopes, frequently flooded	Clear Lake	90	86	0.05	5	0.24	25	25	25	0	1	200	800	0.110	0.240	0.01	6.67	6.67	6.67	NHEL	NHEL	NHEL	NHEL
461559	118	Clear Lake clay, 0 to 2 percent slopes, frequently flooded	Clear Lake	90	86	0.05	5	0.24	25	30	30	0	2	200	800	0.110	0.370	0.01	6.67	5.56	5.56	NHEL	NHEL	NHEL	NHEL
461560	124	Moonbend silt loam, 0 to 2 percent slopes, occasionally flooded	Moonbend	80	48	0.05	5	0.43	25	25	30	0	2	200	800	0.110	0.370	0.00	3.72	3.72	3.10	NHEL	NHEL	NHEL	NHEL
461561	125	Moonbend silt loam, 0 to 2 percent slopes	Moonbend	80	48	0.05	5	0.43	25	25	30	0	2	200	800	0.110	0.370	0.00	3.72	3.72	3.10	NHEL	NHEL	NHEL	NHEL
461562	126	Moonbend silt loam, 0 to 2 percent slopes, frequently flooded	Moonbend	80	48	0.05	5	0.43	25	25	30	0	2	200	800	0.110	0.370	0.00	3.72	3.72	3.10	NHEL	NHEL	NHEL	NHEL
461563	127	Mallard clay loam, 0 to 1 percent slopes	Mallard	85	86	0.05	5	0.32	25	30	30	0	1	200	800	0.110	0.240	0.01	5.00	4.17	4.17	NHEL	NHEL	NHEL	NHEL
461564	128	Mallard loam, 0 to 1 percent slopes	Mallard	85	48	0.05	5	0.32	25	25	30	0	1	200	800	0.110	0.240	0.00	5.00	5.00	4.17	NHEL	NHEL	NHEL	NHEL
461565	129	Mallard clay loam, 0 to 1 percent slopes, occasionally flooded	Mallard	85	86	0.05	5	0.32	25	25	25	0	1	200	800	0.110	0.240	0.01	5.00	5.00	5.00	NHEL	NHEL	NHEL	NHEL
461566	130	Corbiere silt loam, 0 to 1 percent slopes	Corbiere	85	48	0.05	5	0.43	25	25	30	0	1	200	800	0.110	0.240	0.00	3.72	3.72	3.10	NHEL	NHEL	NHEL	NHEL
461567	131	Corbiere silt loam, 0 to 2 percent slopes, frequently flooded	Corbiere	85	48	0.05	5	0.43	25	25	30	0	2	200	800	0.110	0.370	0.00	3.72	3.72	3.10	NHEL	NHEL	NHEL	NHEL
461568	133	Corbiere silt loam, 0 to 2 percent slopes, occasionally flooded	Corbiere	85	48	0.05	5	0.43	25	25	30	0	2	200	800	0.110	0.370	0.00	3.72	3.72	3.10	NHEL	NHEL	NHEL	NHEL
461569	136	Colusa loam, 0 to 2 percent slopes	Colusa	85	56	0.05	5	0.49	25	25	25	0	2	200	800	0.110	0.370	0.01	3.27	3.27	3.27	NHEL	NHEL	NHEL	NHEL
461570	141	Myers clay, 0 to 2 percent slopes	Myers	90	86	0.05	5	0.28	30	30	30	0	2	200	800	0.110	0.370	0.01	4.76	4.76	4.76	NHEL	NHEL	NHEL	NHEL
461571	144	Hillgate clay loam, 0 to 2 percent slopes	Hillgate	85	86	0.05	5	0.28	25	30	50	0	2	200	800	0.110	0.370	0.01	5.71	4.76	2.86	NHEL	NHEL	NHEL	NHEL
461572	145	Hillgate loam, 0 to 2 percent slopes	Hillgate	90	48	0.05	5	0.28	30	30	50	0	2	200	800	0.110	0.370	0.00	4.76	4.76	2.86	NHEL	NHEL	NHEL	NHEL
461573	147	Hillgate loam, 1 to 5 percent slopes	Hillgate	90	48	0.05	5	0.28	30	30	50	1	5	100	600	0.130	1.310	0.00	4.76	4.76	2.86	NHEL	NHEL	NHEL	NHEL
461574	150	Arbuckle sandy loam, 1 to 5 percent slopes	Arbuckle	85	86	0.05	5	0.32	25	30	40	1	5	100	600	0.130	1.310	0.01	5.00	4.17	3.13	NHEL	NHEL	NHEL	NHEL
461575	151	Arbuckle-Hillgate complex, 1 to 5 percent slopes	Arbuckle	50	86	0.05	5	0.32	30	30	40	1	5	100	600	0.130	1.310	0.01	4.17	4.17	3.13	NHEL	NHEL	NHEL	NHEL
	151	Arbuckle-Hillgate complex, 1 to 5 percent slopes	Hillgate	40	48	0.05	5	0.28	30	30	40	1	5	100	600	0.130	1.310	0.00	4.76	4.76	3.57	NHEL	NHEL	NHEL	NHEL
461576	152	Arbuckle gravelly loam, 1 to 5 percent slopes	Arbuckle	85	48	0.05	5	0.43	40	50	65	1	5	100	600	0.130	1.310	0.00	2.33	1.86	1.43	NHEL	NHEL	NHEL	NHEL
461577	155	Alcapay clay, 0 to 1 percent slopes	Alcapay	90	86	0.05	5	0.32	25	25	30	0	1	200	800	0.110	0.240	0.01	5.00	5.00	4.17	NHEL	NHEL	NHEL	NHEL
461578	160	Grandbend loam, 0 to 2 percent slopes	Grandbend	80	48	0.05	5	0.37	25	25	25	0	2	200	800	0.110	0.370	0.00	4.32	4.32	4.32	NHEL	NHEL	NHEL	NHEL
461579	170	Vina loam, 0 to 2 percent slopes, frequently flooded	Vina	80	56	0.05	5	0.32	25	25	30	0	2	200	800	0.110	0.370	0.01	5.00	5.00	4.17	NHEL	NHEL	NHEL	NHEL
461580	171	Vina loam, 0 to 2 percent slopes	Vina	85	56	0.05	5	0.32	25	25	30	0	2	200	800	0.110	0.370	0.01	5.00	5.00	4.17	NHEL	NHEL	NHEL	NHEL
461581	172	Vina fine sandy loam, 0 to 2 percent slopes, frequently flooded	Vina	80	86	0.05	5	0.32	25	25	30	0	2	200	800	0.110	0.370	0.01	5.00	5.00	4.17	NHEL	NHEL	NHEL	NHEL
461582	174	Vina loam, 0 to 2 percent slopes, occasionally flooded	Vina	85	56	0.05	5	0.32	25	25	25	0	2	200	800	0.110	0.370	0.01	5.00	5.00	5.00	NHEL	NHEL	NHEL	NHEL
461583	175	Tujunga loam, overwash, 0 to 2 percent slopes, frequently flooded	Tujunga	85	56	0.05	5	0.32	25	25	25	0	2	200	800	0.110	0.370	0.01	5.00	5.00	5.00	NHEL	NHEL	NHEL	NHEL

Mode R Water HEL represents the HEL class for the dominant condition R factor. Min R and Max R water HEL columns represent HEL classes for the minimum and maximum R factor values within the range of the mapunit

Highly Erodible Map Unit List
Colusa County Soil Survey

mukey	musym	mapunit name	component name	component percentage RV	WEI	C FACTOR	T factor	Kf factor	R FACTOR MIN	R FACTOR MODE	R FACTOR MAX	SLOPE MIN	SLOPE MAX	SLOPE LENGTH MIN	SLOPE LENGTH MAX	LS MIN	LS MAX	EI wind C*I/T	Rmin 8t/rk	Rmode 8t/rk	Rmax 8t/rk	MIN R water HEL **	Mode R Water HEL *	Max R water HEL ***	Wind HEL
461669	176	Columbia fine sandy loam, 0 to 2 percent slopes, frequently flooded	Columbia	80	86	0.05	5	0.32	25	25	25	0	2	200	800	0.110	0.370	0.01	5.00	5.00	5.00	NHEL	NHEL	NHEL	NHEL
461670	177	Holillipah loamy sand, channeled, 0 to 2 percent slopes	Holillipah	80	134	0.05	5	0.1	25	25	25	0	2	200	800	0.110	0.370	0.01	16.00	16.00	16.00	NHEL	NHEL	NHEL	NHEL
461584	185	Riverwash	Riverwash	95		0.05	5	0.2	25	25	165	0	1	200	800	0.110	0.240	----	8.00	8.00	1.21	NHEL	NHEL	NHEL	----
461585	187	Westfan loam, 0 to 2 percent slopes, occasionally flooded	Westfan	85	48	0.05	5	0.32	25	25	25	0	2	200	800	0.110	0.370	0.00	5.00	5.00	5.00	NHEL	NHEL	NHEL	NHEL
461586	188	Westfan loam, clay substratum, 0 to 2 percent slopes	Westfan	80	48	0.05	5	0.32	25	30	30	0	2	200	800	0.110	0.370	0.00	5.00	4.17	4.17	NHEL	NHEL	NHEL	NHEL
461587	189	Arand very gravelly sandy loam, 0 to 2 percent slopes	Arand	85	86	0.05	5	0.32	25	30	65	0	2	200	800	0.110	0.370	0.01	5.00	4.17	1.92	NHEL	NHEL	NHEL	NHEL
461588	190	Arand very gravelly loam, 0 to 2 percent slopes	Arand	85	48	0.05	5	0.32	50	60	165	0	2	200	800	0.110	0.370	0.00	2.50	2.08	0.76	NHEL	NHEL	NHEL	NHEL
461589	193	Westfan gravelly loam, 0 to 2 percent slopes	Westfan	80	48	0.05	5	0.37	25	30	30	0	2	200	800	0.110	0.370	0.00	4.32	3.60	3.60	NHEL	NHEL	NHEL	NHEL
461590	200	Clear Lake clay, 0 to 2 percent slopes, occasionally flooded	Clear Lake	90	86	0.05	5	0.24	30	30	65	0	2	200	800	0.110	0.370	0.01	5.56	5.56	2.56	NHEL	NHEL	NHEL	NHEL
461591	204	Capay clay, 0 to 3 percent slopes, occasionally flooded	Capay	90	86	0.05	5	0.24	30	30	30	0	3	100	800	0.100	0.540	0.01	5.56	5.56	5.56	NHEL	NHEL	NHEL	NHEL
461592	205	Capay clay, 0 to 3 percent slopes	Capay	90	86	0.05	5	0.24	30	30	65	0	3	100	800	0.100	0.540	0.01	5.56	5.56	2.56	NHEL	NHEL	NHEL	NHEL
461593	206	Capay clay, 5 to 9 percent slopes	Capay	90	86	0.05	5	0.24	30	40	50	5	9	100	600	0.530	2.870	0.01	5.56	4.17	3.33	NHEL	NHEL	NHEL	NHEL
461594	210	Corval loam, 0 to 3 percent slopes	Corval	85	48	0.05	5	0.32	25	30	85	0	3	100	800	0.100	0.540	0.00	5.00	4.17	1.47	NHEL	NHEL	NHEL	NHEL
461595	211	Corval clay loam, 0 to 3 percent slopes	Corval	85	48	0.05	5	0.28	25	25	65	0	3	100	800	0.100	0.540	0.00	5.71	5.71	2.20	NHEL	NHEL	NHEL	NHEL
461596	212	Ayar clay, 5 to 15 percent slopes	Ayar	85	86	0.05	5	0.28	30	30	40	5	15	100	500	0.530	5.280	0.01	4.76	4.76	3.57	PHEL	PHEL	PHEL	NHEL
461597	213	Ayar clay, 15 to 30 percent slopes	Ayar	85	86	0.05	5	0.28	30	40	50	15	30	50	400	1.670	11.700	0.01	4.76	3.57	2.86	PHEL	PHEL	PHEL	NHEL
	215	Altamont-Sehorn complex, 15 to 30 percent slopes	Altamont	45	86	0.05	4	0.24	30	30	40	15	30	50	400	1.670	11.700	0.01	4.44	4.44	3.33	PHEL	PHEL	PHEL	NHEL
461598	215	Altamont-Sehorn complex, 15 to 30 percent slopes	Sehorn	35	86	0.05	2	0.28	30	30	40	15	30	50	400	1.670	11.700	0.02	1.90	1.90	1.43	PHEL	PHEL	HEL	NHEL
461599	216	Altamont-Sehorn complex, 9 to 15 percent slopes	Altamont	45	86	0.05	4	0.24	30	30	40	9	15	50	500	0.830	5.280	0.01	4.44	4.44	3.33	PHEL	PHEL	PHEL	NHEL
	216	Altamont-Sehorn complex, 9 to 15 percent slopes	Sehorn	35	86	0.05	2	0.28	30	30	40	9	15	50	500	0.830	5.280	0.02	1.90	1.90	1.43	PHEL	PHEL	PHEL	NHEL
	218	Sehorn-Altamont complex, 30 to 50 percent slopes	Sehorn	45	86	0.05	2	0.28	30	30	40	30	50	50	300	4.150	18.200	0.02	1.90	1.90	1.43	HEL	HEL	HEL	NHEL
461600	218	Sehorn-Altamont complex, 30 to 50 percent slopes	Altamont	35	86	0.05	4	0.24	30	30	40	30	50	50	300	4.150	18.200	0.01	4.44	4.44	3.33	PHEL	PHEL	HEL	NHEL
461602	220	Altamont silty clay, 5 to 9 percent slopes	Altamont	85	86	0.05	4	0.24	30	30	40	5	9	100	600	0.530	2.870	0.01	4.44	4.44	3.33	NHEL	NHEL	NHEL	NHEL
461603	221	Altamont silty clay, 9 to 15 percent slopes	Altamont	85	86	0.05	4	0.24	30	30	30	9	15	50	500	0.830	5.280	0.01	4.44	4.44	4.44	PHEL	PHEL	PHEL	NHEL
461605	230	Corning clay loam, 1 to 5 percent slopes	Corning	90	86	0.05	3	0.28	30	40	85	1	5	100	600	0.130	1.310	0.01	2.86	2.14	1.01	NHEL	NHEL	PHEL	NHEL
461606	232	Maywood gravelly loam, 0 to 2 percent slopes, occasionally flooded	Maywood	85	48	0.05	5	0.37	50	50	50	0	2	200	800	0.110	0.370	0.00	2.16	2.16	2.16	NHEL	NHEL	NHEL	NHEL
461607	233	Eastpark clay loam, 0 to 2 percent slopes	Eastpark	95	86	0.05	5	0.32	65	65	65	0	2	200	800	0.110	0.370	0.01	1.92	1.92	1.92	NHEL	NHEL	NHEL	NHEL
461608	241	Contra Costa-Altamont association, 30 to 50 percent slopes	Contra Costa	55	48	0.05	2	0.37	40	40	40	30	50	50	300	4.150	18.200	0.01	1.08	1.08	1.08	HEL	HEL	HEL	NHEL
	241	Contra Costa-Altamont association, 30 to 50 percent slopes	Altamont	35	86	0.05	4	0.24	40	40	40	30	50	50	300	4.150	18.200	0.01	3.33	3.33	3.33	HEL	HEL	HEL	NHEL
461610	253	Millsholm-Altamont-Rock outcrop complex, 5 to 15 percent slopes	Millsholm	55	48	0.05	1	0.37	30	40	40	5	15	100	500	0.530	5.280	0.02	0.72	0.54	0.54	PHEL	PHEL	PHEL	NHEL
	253	Millsholm-Altamont-Rock outcrop complex, 5 to 15 percent slopes	Altamont	20	86	0.05	4	0.24	30	40	40	5	15	100	500	0.530	5.280	0.01	4.44	3.33	3.33	PHEL	PHEL	PHEL	NHEL
	253	Millsholm-Altamont-Rock outcrop complex, 5 to 15 percent slopes	Rock outcrop	15	0	0.05			30	40	40	5	15	100	500	0.530	5.280			----	######				
	255	Millsholm-Rock outcrop complex, 9 to 30 percent slopes	Millsholm	55	48	0.05	1	0.37	30	30	30	9	30	50	550	0.830	13.800	0.02	0.72	0.72	0.72	HEL	HEL	HEL	NHEL
461612	255	Millsholm-Rock outcrop complex, 9 to 30 percent slopes	Rock outcrop	35	0	0.05			30	30	30	9	30	50	550	0.830	13.800	----	----	----	######				
	257	Millsholm-Capay complex, 3 to 9 percent slopes	Millsholm	50	48	0.05	1	0.37	30	30	30	3	9	100	600	0.290	2.870	0.02	0.72	0.72	0.72	PHEL	PHEL	PHEL	NHEL
461614	257	Millsholm-Capay complex, 3 to 9 percent slopes	Capay	35	86	0.05	5	0.24	30	30	30	3	9	100	600	0.290	2.870	0.01	5.56	5.56	5.56	NHEL	NHEL	NHEL	NHEL
461615	261	Millsholm-Altamont complex, 15 to 30 percent slopes	Millsholm	60	48	0.05	1	0.37	30	30	30	15	30	50	400	1.670	11.700	0.02	0.72	0.72	0.72	HEL	HEL	HEL	NHEL
	261	Millsholm-Altamont complex, 15 to 30 percent slopes	Altamont	25	86	0.05	4	0.24	30	30	30	15	30	50	400	1.670	11.700	0.01	4.44	4.44	4.44	PHEL	PHEL	PHEL	NHEL
461616	270	Balcom-Ayar complex, 15 to 30 percent slopes	Balcom	55	56	0.05	2	0.43	30	40	50	15	30	50	400	1.670	11.700	0.01	1.24	0.93	0.74	HEL	HEL	HEL	NHEL
	270	Balcom-Ayar complex, 15 to 30 percent slopes	Ayar	30	38	0.05	4	0.28	30	40	50	15	30	50	400	1.670	11.700	0.00	3.81	2.86	2.29	PHEL	PHEL	PHEL	NHEL
461617	271	Balcom-Ayar complex, 30 to 50 percent slopes	Balcom	55	56	0.05	2	0.43	30	40	40	30	50	50	300	4.150	18.200	0.01	1.24	0.93	0.93	HEL	HEL	HEL	NHEL
	271	Balcom-Ayar complex, 30 to 50 percent slopes	Ayar	30	38	0.05	4	0.28	30	40	40	30	50	50	300	4.150	18.200	0.00	3.81	2.86	2.86	HEL	HEL	HEL	NHEL
461618	275	Goldeagle-Positas-Balcom complex, 30 to 75 percent slopes	Goldeagle	45	86	0.05	5	0.37	40	50	65	30	75	50	250	4.150	19.800	0.01	2.70	2.16	1.66	HEL	HEL	HEL	NHEL

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mukey	musym	mapunit name	component name	component percentage RV	WEI	C FACTOR	T factor	Kf factor	R FACTOR MIN	R FACTOR MODE	R FACTOR MAX	SLOPE MIN	SLOPE MAX	SLOPE LENGTH MIN	SLOPE LENGTH MAX	LS MIN	LS MAX	EI wind C*I/T	Rmin 8t/rk	Rmode 8t/rk	Rmax 8t/rk	MIN R water HEL **	Mode R Water HEL *	Max R water HEL ***	Wind HEL
	275	Goldeagle-Positas-Balcom complex, 30 to 75 percent slopes	Positas	25	86	0.05	4	0.24	40	50	65	30	75	50	250	4.150	19.800	0.01	3.33	2.67	2.05	HEL	HEL	HEL	NHEL
	275	Goldeagle-Positas-Balcom complex, 30 to 75 percent slopes	Balcom	15	56	0.05	2	0.43	40	50	65	30	75	50	250	4.150	19.800	0.01	0.93	0.74	0.57	HEL	HEL	HEL	NHEL
461619	276	Positas gravelly sandy loam, 30 to 50 percent slopes	Positas	90	86	0.05	4	0.24	50	65	65	30	50	50	300	4.150	18.200	0.01	2.67	2.05	2.05	HEL	HEL	HEL	NHEL
461620	280	Skyhigh-Millsholm complex, 15 to 50 percent slopes	Skyhigh	45	48	0.05	2	0.37	65	85	90	15	50	50	300	1.670	18.200	0.01	0.67	0.51	0.48	HEL	HEL	HEL	NHEL
	280	Skyhigh-Millsholm complex, 15 to 50 percent slopes	Millsholm	30	48	0.05	1	0.37	65	85	90	15	50	50	300	1.670	18.200	0.02	0.33	0.25	0.24	HEL	HEL	HEL	NHEL
	300	Contra Costa-Millsholm complex, 50 to 75 percent slopes	Contra Costa	50	48	0.05	2	0.37	30	30	65	50	75	50	250	7.450	19.800	0.01	1.44	1.44	0.67	HEL	HEL	HEL	NHEL
461621	300	Contra Costa-Millsholm complex, 50 to 75 percent slopes	Millsholm	40	48	0.05	1	0.37	30	30	65	50	75	50	250	7.450	19.800	0.02	0.72	0.72	0.33	HEL	HEL	HEL	NHEL
461622	305	Contra Costa loam, 50 to 75 percent slopes	Contra Costa	85	48	0.05	2	0.37	30	30	65	50	75	50	250	7.450	19.800	0.01	1.44	1.44	0.67	HEL	HEL	HEL	NHEL
461623	311	Contra Costa loam, 9 to 15 percent slopes	Contra Costa	85	48	0.05	2	0.37	30	65	65	9	15	50	500	0.830	5.280	0.01	1.44	0.67	0.67	PHEL	HEL	HEL	NHEL
461624	312	Saltcanyon loam, 1 to 5 percent slopes	Saltcanyon	90	56	0.05	5	0.32	40	40	65	1	5	100	600	0.130	1.310	0.01	3.13	3.13	1.92	NHEL	NHEL	NHEL	NHEL
461601	313	Saltcanyon loam, 5 to 9 percent slopes	Saltcanyon	90	56	0.05	5	0.32	40	50	50	5	9	100	600	0.530	2.870	0.01	3.13	2.50	2.50	NHEL	PHEL	PHEL	NHEL
461625	315	Mallard clay loam, 2 to 5 percent slopes	Mallard	90	86	0.05	5	0.32	30	65	65	2	5	100	600	0.200	1.310	0.01	4.17	1.92	1.92	NHEL	NHEL	NHEL	NHEL
461626	316	Hillgate loam, 5 to 9 percent slopes	Hillgate	90	48	0.05	5	0.28	30	50	65	5	9	100	600	0.530	2.870	0.00	4.76	2.86	2.20	NHEL	PHEL	PHEL	NHEL
461627	320	Millsholm loam, 5 to 30 percent slopes	Millsholm	85	48	0.05	1	0.37	30	65	85	5	30	100	400	0.530	11.700	0.02	0.72	0.33	0.25	PHEL	HEL	HEL	NHEL
	329	Sehorn-Millsholm-Altamont complex, 15 to 30 percent slopes	Sehorn	40	86	0.05	2	0.28	30	30	30	15	30	50	400	1.670	11.700	0.02	1.90	1.90	1.90	PHEL	PHEL	PHEL	NHEL
461629	329	Sehorn-Millsholm-Altamont complex, 15 to 30 percent slopes	Millsholm	30	48	0.05	1	0.37	30	30	30	15	30	50	400	1.670	11.700	0.02	0.72	0.72	0.72	HEL	HEL	HEL	NHEL
	329	Sehorn-Millsholm-Altamont complex, 15 to 30 percent slopes	Altamont	15	86	0.05	4	0.24	30	30	30	15	30	50	400	1.670	11.700	0.01	4.44	4.44	4.44	PHEL	PHEL	PHEL	NHEL
461630	330	Millsholm-Contra Costa complex, 15 to 30 percent slopes	Millsholm	60	48	0.05	1	0.37	30	50	65	15	30	50	400	1.670	11.700	0.02	0.72	0.43	0.33	HEL	HEL	HEL	NHEL
	330	Millsholm-Contra Costa complex, 15 to 30 percent slopes	Contra Costa	25	48	0.05	2	0.37	30	50	65	15	30	50	400	1.670	11.700	0.01	1.44	0.86	0.67	HEL	HEL	HEL	NHEL
461631	331	Sehorn-Millsholm-Rock outcrop complex, 30 to 50 percent slopes	Sehorn	35	86	0.05	2	0.28	30	30	30	30	50	50	300	4.150	18.200	0.02	1.90	1.90	1.90	HEL	HEL	HEL	NHEL
	331	Sehorn-Millsholm-Rock outcrop complex, 30 to 50 percent slopes	Millsholm	30	48	0.05	1	0.37	30	30	30	30	50	50	300	4.150	18.200	0.02	0.72	0.72	0.72	HEL	HEL	HEL	NHEL
	331	Sehorn-Millsholm-Rock outcrop complex, 30 to 50 percent slopes	Rock outcrop	20	0	0.05			30	30	30	30	50	50	300	4.150	18.200	----	----	----	######				
461632	332	Millsholm-Rock outcrop association, 30 to 75 percent slopes	Millsholm	50	48	0.05	1	0.37	30	30	85	30	75	50	250	4.150	19.800	0.02	0.72	0.72	0.25	HEL	HEL	HEL	NHEL
	332	Millsholm-Rock outcrop association, 30 to 75 percent slopes	Rock outcrop	40	0	0.05			30	30	85	30	75	50	250	4.150	19.800	----	----	----	######				
461634	334	Millsholm-Contra Costa association, 30 to 75 percent slopes	Millsholm	70	48	0.05	1	0.37	30	50	85	30	75	50	250	4.150	19.800	0.02	0.72	0.43	0.25	HEL	HEL	HEL	NHEL
	334	Millsholm-Contra Costa association, 30 to 75 percent slopes	Contra Costa	15	48	0.05	2	0.37	30	50	85	30	75	50	250	4.150	19.800	0.01	1.44	0.86	0.51	HEL	HEL	HEL	NHEL
461609	337	Millsholm-Saltcanyon association, 5 to 15 percent slopes	Millsholm	50	48	0.05	1	0.37	40	40	40	5	15	100	500	0.530	5.280	0.02	0.54	0.54	0.54	PHEL	PHEL	PHEL	NHEL
	337	Millsholm-Saltcanyon association, 5 to 15 percent slopes	Saltcanyon	35	56	0.05	5	0.32	40	40	40	5	15	100	500	0.530	5.280	0.01	3.13	3.13	3.13	PHEL	PHEL	PHEL	NHEL
461666	345	Skyhigh-Sleeper-Millsholm association, 15 to 30 percent slopes	Skyhigh	40	48	0.05	2	0.37	85	85	85	15	30	50	400	1.670	11.700	0.01	0.51	0.51	0.51	HEL	HEL	HEL	NHEL
	345	Skyhigh-Sleeper-Millsholm association, 15 to 30 percent slopes	Sleeper	30	86	0.05	3	0.32	85	85	85	15	30	50	400	1.670	11.700	0.01	0.88	0.88	0.88	HEL	HEL	HEL	NHEL
	345	Skyhigh-Sleeper-Millsholm association, 15 to 30 percent slopes	Millsholm	15	48	0.05	1	0.37	85	85	85	15	30	50	400	1.670	11.700	0.02	0.25	0.25	0.25	HEL	HEL	HEL	NHEL
461665	346	Skyhigh-Millsholm-Sleeper association, 30 to 50 percent slopes	Skyhigh	45	48	0.05	2	0.37	85	85	85	30	50	50	300	4.150	18.200	0.01	0.51	0.51	0.51	HEL	HEL	HEL	NHEL
	346	Skyhigh-Millsholm-Sleeper association, 30 to 50 percent slopes	Sleeper	20	48	0.05	3	0.32	85	85	85	30	50	50	300	4.150	18.200	0.01	0.88	0.88	0.88	HEL	HEL	HEL	NHEL
	346	Skyhigh-Millsholm-Sleeper association, 30 to 50 percent slopes	Millsholm	20	86	0.05	1	0.37	85	85	85	30	50	50	300	4.150	18.200	0.04	0.25	0.25	0.25	HEL	HEL	HEL	NHEL
	347	Boar-Sleeper complex, 15 to 30 percent slopes	Boar	45	48	0.05	5	0.28	85	85	85	15	30	50	400	1.670	11.700	0.00	1.68	1.68	1.68	PHEL	PHEL	PHEL	NHEL
461660	347	Boar-Sleeper complex, 15 to 30 percent slopes	Sleeper	40	86	0.05	3	0.32	85	85	85	15	30	50	400	1.670	11.700	0.01	0.88	0.88	0.88	HEL	HEL	HEL	NHEL
461611	348	Boar-Sleeper complex, 30 to 50 percent slopes	Boar	45	48	0.05	5	0.28	85	85	85	30	50	50	300	4.150	18.200	0.00	1.68	1.68	1.68	HEL	HEL	HEL	NHEL
	348	Boar-Sleeper complex, 30 to 50 percent slopes	Sleeper	40	86	0.05	3	0.32	85	85	85	30	50	50	300	4.150	18.200	0.01	0.88	0.88	0.88	HEL	HEL	HEL	NHEL
461628	350	Haploxererts, 30 to 50 percent slopes	Haploxererts	80	86	0.05	3	0.32	65	65	85	30	50	50	300	4.150	18.200	0.01	1.15	1.15	0.88	HEL	HEL	HEL	NHEL
461633	355	Venado clay, 0 to 2 percent slopes	Venado	80	86	0.05	5	0.32	65	65	65	0	2	200	800	0.110	0.370	0.01	1.92	1.92	1.92	NHEL	NHEL	NHEL	NHEL
461635	360	Bearvalley gravelly sandy loam, 2 to 5 percent slopes	Bearvalley	85	86	0.05	5	0.24	65	85	85	2	5	100	600	0.200	1.310	0.01	2.56	1.96	1.96	NHEL	NHEL	NHEL	NHEL
461636	365	Leesville clay loam, 2 to 5 percent slopes	Leesville	85	86	0.05	5	0.28	65	85	85	2	5	100	600	0.200	1.310	0.01	2.20	1.68	1.68	NHEL	NHEL	NHEL	NHEL
461613	366	Leesville clay loam, 0 to 2 percent slopes	Leesville	85	86	0.05	5	0.28	65	65	85	0	2	200	800	0.110	0.370	0.01	2.20	2.20	1.68	NHEL	NHEL	NHEL	NHEL

Mode R Water HEL represents the HEL class for the dominant condition R factor. Min R and Max R water HEL columns represent HEL classes for the minimum and maximum R factor values within the range of the mapunit

Highly Erodible Map Unit List
Colusa County Soil Survey

mukey	musym	mapunit name	component name	component percentage RV	WEI	C FACTOR	T factor	Kf factor	R FACTOR MIN	R FACTOR MODE	R FACTOR MAX	SLOPE MIN	SLOPE MAX	SLOPE LENGTH MIN	SLOPE LENGTH MAX	LS MIN	LS MAX	EI wind C*I/T	Rmin 8t/rk	Rmode 8t/rk	Rmax 8t/rk	MIN R water HEL **	Mode R Water HEL *	Max R water HEL ***	Wind HEL
461664	370	Livermore very gravelly loam, 5 to 9 percent slopes	Livermore	90	86	0.05	5	0.24	50	65	65	5	9	100	600	0.530	2.870	0.01	3.33	2.56	2.56	NHEL	PHEL	PHEL	NHEL
461661	371	Buttes-Millsholm complex, 30 to 50 percent slopes	Buttes	50	86	0.05	3	0.24	50	65	65	30	50	50	300	4.150	18.200	0.01	2.00	1.54	1.54	HEL	HEL	HEL	NHEL
	371	Buttes-Millsholm complex, 30 to 50 percent slopes	Millsholm	35	48	0.05	1	0.37	50	65	65	30	50	50	300	4.150	18.200	0.02	0.43	0.33	0.33	HEL	HEL	HEL	NHEL
461637	519	Stonyford-Guenoc complex, 5 to 15 percent slopes	Stonyford	50	56	0.05	1	0.37	65	65	85	5	15	100	500	0.530	5.280	0.03	0.33	0.33	0.25	HEL	HEL	HEL	NHEL
	519	Stonyford-Guenoc complex, 5 to 15 percent slopes	Guenoc	30	56	0.05	2	0.37	65	65	85	5	15	100	500	0.530	5.280	0.01	0.67	0.67	0.51	PHEL	PHEL	HEL	NHEL
461638	520	Stonyford-Guenoc complex, 15 to 30 percent slopes	Stonyford	65	56	0.05	1	0.37	65	65	165	15	30	50	400	1.670	11.700	0.03	0.33	0.33	0.13	HEL	HEL	HEL	NHEL
	520	Stonyford-Guenoc complex, 15 to 30 percent slopes	Guenoc	15	56	0.05	2	0.37	65	65	165	15	30	50	400	1.670	11.700	0.01	0.67	0.67	0.26	HEL	HEL	HEL	NHEL
461639	521	Stonyford-Guenoc complex, 30 to 50 percent slopes	Stonyford	65	56	0.05	1	0.37	40	65	165	30	50	50	300	4.150	18.200	0.03	0.54	0.33	0.13	HEL	HEL	HEL	NHEL
	521	Stonyford-Guenoc complex, 30 to 50 percent slopes	Guenoc	15	56	0.05	2	0.37	40	65	165	30	50	50	300	4.150	18.200	0.01	1.08	0.67	0.26	HEL	HEL	HEL	NHEL
461640	524	Arand-Riverwash complex, 0 to 2 percent slopes, frequently flooded	Arand	65	86	0.05	5	0.32	50	50	85	0	2	200	800	0.110	0.370	0.01	2.50	2.50	1.47	NHEL	NHEL	NHEL	NHEL
	524	Arand-Riverwash complex, 0 to 2 percent slopes, frequently flooded	Riverwash	25		0.05	5	0.2	50	50	85	0	2	200	800	0.110	0.370	----	4.00	4.00	2.35	NHEL	NHEL	NHEL	----
461641	526	Etsel-Maymen-Marpa association, 30 to 50 percent slopes	Maymen	30	86	0.05	1	0.32	85	85	215	30	50	50	300	4.150	18.200	0.04	0.29	0.29	0.12	HEL	HEL	HEL	NHEL
	526	Etsel-Maymen-Marpa association, 30 to 50 percent slopes	Etsel	30	86	0.05	1	0.24	85	85	215	30	50	50	300	4.150	18.200	0.04	0.39	0.39	0.16	HEL	HEL	HEL	NHEL
	526	Etsel-Maymen-Marpa association, 30 to 50 percent slopes	Marpa	20	86	0.05	2	0.24	85	85	215	30	50	50	300	4.150	18.200	0.02	0.78	0.78	0.31	HEL	HEL	HEL	NHEL
461642	527	Maymen-Etsel-Speaker association, 30 to 50 percent slopes	Maymen	35	86	0.05	1	0.32	195	195	195	30	50	50	300	4.150	18.200	0.04	0.13	0.13	0.13	HEL	HEL	HEL	NHEL
	527	Maymen-Etsel-Speaker association, 30 to 50 percent slopes	Etsel	30	86	0.05	1	0.24	195	195	195	30	50	50	300	4.150	18.200	0.04	0.17	0.17	0.17	HEL	HEL	HEL	NHEL
	527	Maymen-Etsel-Speaker association, 30 to 50 percent slopes	Speaker	20	56	0.05	3	0.32	195	195	195	30	50	50	300	4.150	18.200	0.01	0.38	0.38	0.38	HEL	HEL	HEL	NHEL
461643	528	Maymen-Etsel-Snook complex, 30 to 75 percent slopes	Maymen	35	86	0.05	1	0.32	85	90	90	30	75	50	250	4.150	19.800	0.04	0.29	0.28	0.28	HEL	HEL	HEL	NHEL
	528	Maymen-Etsel-Snook complex, 30 to 75 percent slopes	Etsel	25	86	0.05	1	0.24	85	90	90	30	75	50	250	4.150	19.800	0.04	0.39	0.37	0.37	HEL	HEL	HEL	NHEL
	528	Maymen-Etsel-Snook complex, 30 to 75 percent slopes	Snook	25	86	0.05	1	0.32	85	90	90	30	75	50	250	4.150	19.800	0.04	0.29	0.28	0.28	HEL	HEL	HEL	NHEL
	529	Maymen-Etsel-Mayacama-Complex, 30 to 75 percent slopes	Maymen	35	86	0.05	1	0.32	85	85	90	30	75	50	250	4.150	19.800	0.04	0.29	0.29	0.28	HEL	HEL	HEL	NHEL
	529	Maymen-Etsel-Mayacama-Complex, 30 to 75 percent slopes	Etsel	30	86	0.05	1	0.24	85	85	90	30	75	50	250	4.150	19.800	0.04	0.39	0.39	0.37	HEL	HEL	HEL	NHEL
461644	529	Maymen-Etsel-Mayacama-Complex, 30 to 75 percent slopes	Mayacama	20	86	0.05	2	0.2	85	85	90	30	75	50	250	4.150	19.800	0.02	0.94	0.94	0.89	HEL	HEL	HEL	NHEL
	542	Okiota-Dubakella-Henneke complex, 15 to 50 percent slopes	Okiota	35	56	0.05	1	0.37	50	85	195	15	50	50	300	1.670	18.200	0.03	0.43	0.25	0.11	HEL	HEL	HEL	NHEL
461663	542	Okiota-Dubakella-Henneke complex, 15 to 50 percent slopes	Dubakella	25	86	0.05	2	0.32	50	85	195	15	50	50	300	1.670	18.200	0.02	1.00	0.59	0.26	HEL	HEL	HEL	NHEL
	542	Okiota-Dubakella-Henneke complex, 15 to 50 percent slopes	Henneke	25	86	0.05	2	0.37	50	85	195	15	50	50	300	1.670	18.200	0.02	0.86	0.51	0.22	HEL	HEL	HEL	NHEL
461662	545	Henneke-Montara-Rock outcrop complex, 15 to 50 percent slopes	Henneke	40	86	0.05	2	0.37	40	85	165	15	50	50	300	1.670	18.200	0.02	1.08	0.51	0.26	HEL	HEL	HEL	NHEL
	545	Henneke-Montara-Rock outcrop complex, 15 to 50 percent slopes	Montara	30	86	0.05	1	0.28	40	85	165	15	50	50	300	1.670	18.200	0.04	0.71	0.34	0.17	HEL	HEL	HEL	NHEL
	545	Henneke-Montara-Rock outcrop complex, 15 to 50 percent slopes	Rock outcrop	15	0	0.05			40	85	165	15	50	50	300	1.670	18.200			----	######		----	#####	
461645	548	Henneke-Okiota complex, 30 to 50 percent slopes	Henneke	45	86	0.05	2	0.37	65	85	165	30	50	50	300	4.150	18.200	0.02	0.67	0.51	0.26	HEL	HEL	HEL	NHEL
	548	Henneke-Okiota complex, 30 to 50 percent slopes	Okiota	35	48	0.05	1	0.37	65	85	165	30	50	50	300	4.150	18.200	0.02	0.33	0.25	0.13	HEL	HEL	HEL	NHEL
461646	549	Henneke-Okiota complex, 50 to 75 percent slopes	Henneke	45	86	0.05	2	0.37	65	85	165	50	75	50	250	7.450	19.800	0.02	0.67	0.51	0.26	HEL	HEL	HEL	NHEL
	549	Henneke-Okiota complex, 50 to 75 percent slopes	Okiota	35	48	0.05	1	0.37	65	85	165	50	75	50	250	7.450	19.800	0.02	0.33	0.25	0.13	HEL	HEL	HEL	NHEL
461647	557	Neuns-Bamtush-Speaker complex, 30 to 50 percent slopes	Neuns	35	56	0.05	2	0.24	195	215	215	30	50	50	300	4.150	18.200	0.01	0.34	0.31	0.31	HEL	HEL	HEL	NHEL
	557	Neuns-Bamtush-Speaker complex, 30 to 50 percent slopes	Bamtush	30	56	0.05	5	0.37	195	215	215	30	50	50	300	4.150	18.200	0.01	0.55	0.50	0.50	HEL	HEL	HEL	NHEL
	557	Neuns-Bamtush-Speaker complex, 30 to 50 percent slopes	Speaker	20	56	0.05	3	0.32	195	215	215	30	50	50	300	4.150	18.200	0.01	0.38	0.35	0.35	HEL	HEL	HEL	NHEL
461648	564	Fouts-Yorkville-Squawrock association, 15 to 50 percent slopes	Fouts	35	56	0.05	2	0.37	85	165	215	15	50	50	300	1.670	18.200	0.01	0.51	0.26	0.20	HEL	HEL	HEL	NHEL
	564	Fouts-Yorkville-Squawrock association, 15 to 50 percent slopes	Yorkville	35	86	0.05	5	0.32	85	165	215	15	50	50	300	1.670	18.200	0.01	1.47	0.76	0.58	HEL	HEL	HEL	NHEL
	564	Fouts-Yorkville-Squawrock association, 15 to 50 percent slopes	Squawrock	15	56	0.05	2	0.37	85	165	215	15	50	50	300	1.670	18.200	0.01	0.51	0.26	0.20	HEL	HEL	HEL	NHEL
461649	570	Endoaquolls, 0 to 2 percent slopes, frequently ponded	Endoaquolls	90	48	0.05	5	0.49	195	195	215	0	2	200	800	0.110	0.370	0.00	0.42	0.42	0.38	NHEL	NHEL	NHEL	NHEL
461650	590	Neuns-Marpa-Goulding complex, 30 to 50 percent slopes	Neuns	35	56	0.05	2	0.24	85	195	215	30	50	50	300	4.150	18.200	0.01	0.78	0.34	0.31	HEL	HEL	HEL	NHEL
	590	Neuns-Marpa-Goulding complex, 30 to 50 percent slopes	Marpa	30	86	0.05	2	0.24	85	195	215	30	50	50	300	4.150	18.200	0.02	0.78	0.34	0.31	HEL	HEL	HEL	NHEL
	590	Neuns-Marpa-Goulding complex, 30 to 50 percent slopes	Goulding	20	56	0.05	1	0.28	85	195	215	30	50	50	300	4.150	18.200	0.03	0.34	0.15	0.13	HEL	HEL	HEL	NHEL

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mukey	musym	mapunit name	component name	component percentage RV	WEI	C FACTOR	T factor	Kf factor	R FACTOR MIN	R FACTOR MODE	R FACTOR MAX	SLOPE MIN	SLOPE MAX	SLOPE LENGTH MIN	SLOPE LENGTH MAX	LS MIN	LS MAX	EI wind C*I/T	Rmin 8t/rk	Rmode 8t/rk	Rmax 8t/rk	MIN R water HEL **	Mode R Water HEL *	Max R water HEL ***	Wind HEL
461651	591	Neuns-Sheetiron-Goulding complex, 30 to 50 percent slopes	Neuns	35	56	0.05	2	0.24	195	195	215	30	50	50	300	4.150	18.200	0.01	0.34	0.34	0.31	HEL	HEL	HEL	NHEL
	591	Neuns-Sheetiron-Goulding complex, 30 to 50 percent slopes	Sheetiron	30	86	0.05	2	0.24	195	195	215	30	50	50	300	4.150	18.200	0.02	0.34	0.34	0.31	HEL	HEL	HEL	NHEL
	591	Neuns-Sheetiron-Goulding complex, 30 to 50 percent slopes	Goulding	20	56	0.05	1	0.28	195	195	215	30	50	50	300	4.150	18.200	0.03	0.15	0.15	0.13	HEL	HEL	HEL	NHEL
461652	592	Neuns-Goulding-Sheetiron complex, 50 to 75 percent slopes	Neuns	35	56	0.05	2	0.24	195	195	195	50	75	50	250	7.450	19.800	0.01	0.34	0.34	0.34	HEL	HEL	HEL	NHEL
	592	Neuns-Goulding-Sheetiron complex, 50 to 75 percent slopes	Sheetiron	25	86	0.05	2	0.24	195	195	195	50	75	50	250	7.450	19.800	0.02	0.34	0.34	0.34	HEL	HEL	HEL	NHEL
	592	Neuns-Goulding-Sheetiron complex, 50 to 75 percent slopes	Goulding	25	56	0.05	1	0.28	195	195	195	50	75	50	250	7.450	19.800	0.03	0.15	0.15	0.15	HEL	HEL	HEL	NHEL
461653	596	Yollabolly-Rock outcrop-Freezeout complex, 50 to 75 percent slopes	Yollabolly	40	56	0.05	1	0.24	195	195	215	50	75	50	250	7.450	19.800	0.03	0.17	0.17	0.16	HEL	HEL	HEL	NHEL
	596	Yollabolly-Rock outcrop-Freezeout complex, 50 to 75 percent slopes	Rock outcrop	35	0	0.05			195	195	215	50	75	50	250	7.450	19.800	----	----	----	######				
	596	Yollabolly-Rock outcrop-Freezeout complex, 50 to 75 percent slopes	Freezeout	20	86	0.05	2	0.24	195	195	215	50	75	50	250	7.450	19.800	0.02	0.34	0.34	0.31	HEL	HEL	HEL	NHEL
461654	597	Yollabolly-Freezeout complex, 30 to 50 percent slopes	Yollabolly	55	56	0.05	1	0.24	165	195	215	30	50	50	300	4.150	18.200	0.03	0.20	0.17	0.16	HEL	HEL	HEL	NHEL
	597	Yollabolly-Freezeout complex, 30 to 50 percent slopes	Freezeout	30	86	0.05	2	0.24	165	195	215	30	50	50	300	4.150	18.200	0.02	0.40	0.34	0.31	HEL	HEL	HEL	NHEL
461655	599	Freezeout-Yollabolly complex, 30 to 50 percent slopes	Freezeout	55	86	0.05	2	0.24	165	195	215	30	50	50	300	4.150	18.200	0.02	0.40	0.34	0.31	HEL	HEL	HEL	NHEL
	599	Freezeout-Yollabolly complex, 30 to 50 percent slopes	Yollabolly	30	56	0.05	1	0.24	165	195	215	30	50	50	300	4.150	18.200	0.03	0.20	0.17	0.16	HEL	HEL	HEL	NHEL
461656	600	Freezeout-Yollabolly association, 50 to 75 percent slopes	Freezeout	50	86	0.05	2	0.24	195	195	215	50	75	50	250	7.450	19.800	0.02	0.34	0.34	0.31	HEL	HEL	HEL	NHEL
	600	Freezeout-Yollabolly association, 50 to 75 percent slopes	Yollabolly	35	56	0.05	1	0.24	195	195	215	50	75	50	250	7.450	19.800	0.03	0.17	0.17	0.16	HEL	HEL	HEL	NHEL
461657	610	Neuns-Bamtush-Goulding association, 30 to 50 percent slopes	Neuns	40	56	0.05	2	0.24	85	215	215	30	50	50	300	4.150	18.200	0.01	0.78	0.31	0.31	HEL	HEL	HEL	NHEL
	610	Neuns-Bamtush-Goulding association, 30 to 50 percent slopes	Bamtush	25	56	0.05	5	0.37	85	215	215	30	50	50	300	4.150	18.200	0.01	1.27	0.50	0.50	HEL	HEL	HEL	NHEL
	610	Neuns-Bamtush-Goulding association, 30 to 50 percent slopes	Goulding	20	56	0.05	1	0.28	85	215	215	30	50	50	300	4.150	18.200	0.03	0.34	0.13	0.13	HEL	HEL	HEL	NHEL
461658	650	Bamtush-Marpa complex, 15 to 30 percent slopes	Bamtush	55	56	0.05	5	0.37	85	165	195	15	30	50	400	1.670	11.700	0.01	1.27	0.66	0.55	HEL	HEL	HEL	NHEL
461658	650	Bamtush-Marpa complex, 15 to 30 percent slopes	Marpa	30	86	0.05	2	0.24	85	165	195	15	30	50	400	1.670	11.700	0.02	0.78	0.40	0.34	HEL	HEL	HEL	NHEL
461659	651	Bamtush-Marpa complex, 30 to 50 percent slopes	Bamtush	55	56	0.05	5	0.37	85	165	195	30	50	50	300	4.150	18.200	0.01	1.27	0.66	0.55	HEL	HEL	HEL	NHEL
	651	Bamtush-Marpa complex, 30 to 50 percent slopes	Marpa	30	86	0.05	2	0.24	85	165	195	30	50	50	300	4.150	18.200	0.02	0.78	0.40	0.34	HEL	HEL	HEL	NHEL
461667	652	Water	Water	100		0.05			25	30	215	0	0					----	----	----		----	----	----	----

* Mode R Water HEL class represents the most frequent HELC rating based on occurrence across multiple R factor zones.

** Min R Water HEL, when displayed, represents an HELC class rating different from the mode value under the least intense R factor value.

*** Max R Water HEL, when displayed, represents an HELC class rating different from the mode value under the most intense R factor value.

Mode R Water HEL represents the HEL class for the dominant condition R factor. Min R and Max R water HEL columns represent HEL classes for the minimum and maximum R factor values within the range of the mapunit