

Waterfalls-2 Fire 2012 Soil Inventory

Soil Mapping Unit	Total Acres	Soil Mapping Unit Name/ Slope %	Texture	Hydrologic Soil Group	Surface Runoff	Permeability	Parent material	Organic Matter Content %	Rock Content	Sheet and Rill Erosion	Hazard of Erosion	K	Depth
9	1873.7	Belrick-Douthit 0-12	Fine Sandy Loam	B	S-M	MR	Glacial Till and Ash	1-4	50%	S	SM	0.28/ 0.20	Over 60"
24	218.0	Douthit-Belrick 12-30	Fine Sandy Loam	B	M-S	MR	Glacial Till and Ash	1-4	50%	S	MS	0.20/0.28	Over 60"
34	9.0	Glaciers-Rubble 20-80	Rock	A	X	X	Rock						
46	171.5	Howash 12-30	Cobbly Sandy Loam	A	M-R	MR	Andesite and Volcanic Ash	4-8	50%	S	MH	0.10	Over 60"
47	1227.0	Howash 30-65	Cobbly Sandy Loam	A	R-VR	MR	Andesite and Volcanic Ash	4-8	50%	M	HVH	0.10	Over 60"
48	333.6	Howash 12-30	Cobbly Sandy Loam	A	M-R	MR	Andesite and Volcanic Ash	4-8	50%	S	MH	0.10	Over 60"
50	50.0	Howash 12-30	Gravelly Sandy Loam	A	M-R	MR	Andesite and Volcanic Ash	3-8	50%	S	MH	0.10	Over 60"
52	235.6	Howash 12-30	Stony Sandy Loam	A	M-R	MR	Andesite and Volcanic Ash	3-6	50%	S	MH	0.10	Over 60"
53	683.1	Howash 30-65	Stony Sandy Loam	A	R-VR	MR	Andesite and Volcanic Ash	3-6	50%	M	HVH	0.10	Over 60"
54	3.0	Jojo-Pinhead 30-65	Stony Sandy Loam	A	R-VR	MR	Pyroclastic Ashflow and Volcanic Ash	4-6	55%/ 45%	M	HVH	0.10	30-60" Deep
55	717.3	Jojo-Piumpsha 30-65	Bouldery Sandy Loam	A/B	S-R	MR	Andesite,Pyroclastic Ashflow and Volcanic Ash	4-6	55%/ 15%	S	SH	0.1/0.05	30-60" Deep
56	224.6	Jojo-Rock Outcrop 30-70	Stony Sandy Loam	A/D	R-VR	MR	Andesite,Pyroclastic Ashflow and Volcanic Ash	4-6	55%	M	HVH	0.10	30-60" Deep
75	464.8	Mackatie-Kutcher 0-12	Cobbly Sandy Loam	B	S-M	M	Andesite and Volcanic Ash	4-8	10%/ 55%	S	SM	0.15/0.10	Over 60"
76	312.8	Mackatie-Kutcher 0-12	Sandy-Loam	B	S-M	M	Andesite and Volcanic Ash	4-8	10%/ 55%	S	SM	0.15/0.10	Over 60"
79	12.4	Marief 0-3; cold; organic fibrous	Mucky Peat/ hydric soil	D	PONDED	R	mucky peat	50-70	0%	X	NONE	0.02	Over 60"
99	991.0	Pinhead-Jojo 0-12	Gravelly Sandy Loam	A	SM	MR	Andesite,Pyroclastic Ashflow and Volcanic Ash	4-6	45%/ 55%	S	SM	0.10	Over 60"
100	324.0	Pinhead-Jojo 12-30	Gravelly Sandy Loam	A	M-R	MR	Andesite,Pyroclastic Ashflow and Volcanic Ash	4-6	45%/ 55%	S	MH	0.10	Over 60"
103	130.3	Pipp 12-30	Stony Sandy Loam	A	M-R	MR	Andesite and Volcanic Ash	2-4	50%	S	MH	0.10	Over 60"
104	522.4	Pipp 30-65	Stony Sandy Loam	A	R-VR	MR	Andesite and Volcanic Ash	2-4	50%	M	HVH	0.10	Over 60"
107	1692.3	Piumpsha-Jojo 2-30	Gravelly Sandy Loam	B/A	S-R	M	Andesite,Pyroclastic Ashflow and Volcanic Ash	4-6	15%	S	SH	0.20	Over 60"
112	189.3	Racing 0-3; young; cold; water	Sandy-Loam	D	S	VS	Mixed Ash and Alluvium	4-8	0%	S	S	0.10	Over 60"
115	772.4	Rubble and Rock Outcrop	Rock	A/D	X	X	Rock						
144	362.2	Typic Vitricryands (side slopes of Mt. Jefferson). Cold; glass; volcanic origin; andisols	Sandy-Loam	A	S-VR	MR	Rhyolite, Andesite, Pyroclastic Ashflows, and Volcanic Ash	2-4	35-65%	X	SVH	0.10	30" to over 60"

Surface Runoff: Very slow, slow, medium, rapid, very rapid; An X means not applicable.

Permeability: Very slow, slow, moderately rapid, rapid

Hazard of Erosion: Slight, moderate, high, very high (severe); Sheet and Rill Erosion: Slight, moderate, high