

## SOIL LEGEND

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
1	Udfluvents-Fluvaquents complex, frequently flooded	63A	Wallington very fine sandy loam, 0 to 3 percent slopes	121E	Worth loam, 25 to 45 percent slopes, stony	414C	Mardin loam, 8 to 15 percent slopes
2	Hamlin silt loam	63B	Wallington very fine sandy loam, 3 to 8 percent slopes	126A	Lima gravelly silt loam, 0 to 3 percent slopes	414D	Mardin loam, 15 to 25 percent slopes
4	Wakeville silt loam, occasionally flooded	64A	Rhinebeck silt loam, 0 to 3 percent slopes	126B	Lima gravelly silt loam, 3 to 8 percent slopes	461	Marcy silt loam
7	Wayland silt loam	64B	Rhinebeck silt loam, 3 to 8 percent slopes	126C	Lima gravelly silt loam, 8 to 15 percent slopes	462	Runeberg loam
9	Wenonah loam	65F	Tunbridge-Lyman complex, 35 to 60 percent slopes, very rocky	133B	Empyeville loam, 3 to 8 percent slopes, stony	515A	Galway silt loam, 0 to 3 percent slopes
10	Otego loam	68	Wakeville silt loam, rarely flooded	133C	Empyeville loam, 8 to 15 percent slopes, stony	515B	Galway silt loam, 3 to 8 percent slopes
12B	Herkimer channery silt loam, 3 to 8 percent slopes	72	Canandaigua silt loam	136A	Kendaia silt loam, 0 to 3 percent slopes	515C	Galway silt loam, 8 to 15 percent slopes
12C	Herkimer channery silt loam, 8 to 15 percent slopes	74B	Berkshire fine sandy loam, 3 to 8 percent slopes	136B	Kendaia silt loam, 3 to 8 percent slopes	565B	Aurora silt loam, 3 to 8 percent slopes
13	Fluvaquents-Borosapristis complex	74C	Berkshire fine sandy loam, 8 to 15 percent slopes	144A	Westbury silt loam, 0 to 3 percent slopes, stony	565C	Aurora silt loam, 8 to 15 percent slopes
20	Pits, sand and gravel	75	Lamson fine sandy loam	144B	Westbury silt loam, 3 to 8 percent slopes, stony	565D	Aurora silt loam, 15 to 25 percent slopes
21	Udorhents, refuse substratum	76	Niagara silt loam	146	Lyons silt loam	565E	Aurora silt loam, 25 to 35 percent slopes
22	Udorhents, smoothed	77A	Collamer silt loam, 0 to 3 percent slopes	150	Tughill mucky silt loam, stony	582A	Amenia silt loam, 0 to 3 percent slopes
23	Urban land	77B	Collamer silt loam, 3 to 8 percent slopes	151	Chippewa silt loam	582B	Amenia silt loam, 3 to 8 percent slopes
24A	Howard gravelly loam, 0 to 3 percent slopes	77C	Collamer silt loam, 8 to 15 percent slopes	152B	Farmington silt loam, 2 to 8 percent slopes	747A	Manheim silt loam, 0 to 3 percent slopes
24B	Howard gravelly loam, 3 to 8 percent slopes	77D	Collamer silt loam, 15 to 25 percent slopes	153C	Farmington-Rock outcrop complex, 8 to 15 percent slopes	747B	Manheim silt loam, 3 to 8 percent slopes
24C	Howard gravelly loam, 8 to 15 percent slopes	78A	Arkport fine sandy loam, 0 to 3 percent slopes	153D	Farmington-Rock outcrop complex, 15 to 25 percent slopes	747C	Manheim silt loam, 8 to 15 percent slopes
25	Pits, quarry	78B	Arkport fine sandy loam, 3 to 8 percent slopes	155	Dannemora gravelly fine sandy loam, stony	750B	Minoa fine sandy loam, 0 to 6 percent slopes
27A	Nicholville silt loam, 0 to 3 percent slopes	78C	Arkport fine sandy loam, 8 to 15 percent slopes	156B	Lairdsville silt loam, 3 to 8 percent slopes	790A	Conesus silt loam, 0 to 3 percent slopes
27B	Nicholville silt loam, 3 to 8 percent slopes	79A	Roundabout silt loam, 0 to 3 percent slopes	156C	Lairdsville silt loam, 8 to 15 percent slopes	790B	Conesus silt loam, 3 to 8 percent slopes
28A	Phelps silt loam, 0 to 3 percent slopes	79B	Roundabout silt loam, 3 to 8 percent slopes	156E	Lairdsville silt loam, 25 to 45 percent slopes	790C	Conesus silt loam, 8 to 15 percent slopes
28B	Phelps silt loam, 3 to 8 percent slopes	81A	Covert loamy sand, 0 to 3 percent slopes	162B	Ischua silt loam, 3 to 8 percent slopes	801B	Alton gravelly loam, 3 to 8 percent slopes, cool
30	Fredon gravelly silt loam	81B	Covert loamy sand, 3 to 8 percent slopes	162C	Ischua silt loam, 8 to 15 percent slopes	801C	Alton gravelly loam, 8 to 15 percent slopes, cool
31	Halsey gravelly loam	90A	Windsor loamy fine sand, 0 to 3 percent slopes	162D	Ischua silt loam, 15 to 25 percent slopes	802D	Howard and Alton gravelly loams, 15 to 25 percent slopes, cool
33A	Alton-Urban land complex, 0 to 3 percent slopes	90B	Windsor loamy fine sand, 3 to 8 percent slopes	168B	Manlius channery silt loam, 3 to 8 percent slopes	802E	Howard and Alton gravelly loams, 25 to 45 percent slopes, cool
33B	Alton-Urban land complex, 3 to 8 percent slopes	90C	Windsor loamy fine sand, 3 to 8 percent slopes	168C	Manlius channery silt loam, 8 to 15 percent slopes	804	Chippewa silt loam, stony
34D	Howard and Alton gravelly loams, 15 to 25 percent slopes	90D	Windsor loamy fine sand, 15 to 25 percent slopes	168D	Manlius channery silt loam, 15 to 25 percent slopes	807A	Manheim silt loam, 0 to 3 percent slopes, cool
34E	Howard and Alton gravelly loams, 25 to 45 percent slopes	90E	Windsor loamy fine sand, 25 to 55 percent slopes	168E	Manlius channery silt loam, 25 to 45 percent slopes	807B	Manheim silt loam, 3 to 8 percent slopes, cool
35A	Unadilla silt loam, 0 to 3 percent slopes	92	Napoleon peat	173B	Mongaup silt loam, 3 to 8 percent slopes	807C	Manheim silt loam, 8 to 15 percent slopes, cool
35B	Unadilla silt loam, 3 to 8 percent slopes	94	Naumburg loamy sand	173C	Mongaup silt loam, 8 to 15 percent slopes	811B	Empyeville loam, 3 to 8 percent slopes, stony, warm
35C	Unadilla silt loam, 8 to 15 percent slopes	95	Carlisle muck	173E	Mongaup silt loam, 25 to 45 percent slopes	811C	Empyeville loam, 8 to 15 percent slopes, stony, warm
36B	Salmon silt loam, 2 to 8 percent slopes	99	Greenwood peat	176B	Nellis loam, 3 to 8 percent slopes	813B	Gettor silt loam, 3 to 8 percent slopes
38A	Chenango gravelly silt loam, 0 to 3 percent slopes	102B	Honeoye silt loam, 3 to 8 percent slopes	176C	Nellis loam, 8 to 15 percent slopes	813C	Gettor silt loam, 8 to 15 percent slopes
38B	Chenango gravelly silt loam, 3 to 8 percent slopes	102C	Honeoye silt loam, 8 to 15 percent slopes	176D	Nellis loam, 15 to 25 percent slopes	814	Gettor-Torull complex
38C	Chenango gravelly silt loam, 8 to 15 percent slopes	102D	Honeoye silt loam, 15 to 25 percent slopes	195	Palms muck, drained	816B	Herkimer channery silt loam, 3 to 8 percent slopes, cool
38D	Chenango gravelly silt loam, 15 to 25 percent slopes	103B	Honeoye-Urban land complex, 2 to 8 percent slopes	200B	Bice fine sandy loam, 3 to 8 percent slopes	818B	Kalurah silt loam, 3 to 8 percent slopes, warm
38E	Chenango gravelly silt loam, 25 to 45 percent slopes	104E	Honeoye and Cazenovia silt loams, 25 to 45 percent slopes	200C	Bice fine sandy loam, 8 to 15 percent slopes	818C	Kalurah silt loam, 8 to 15 percent slopes, warm
39A	Knickerbocker fine sandy loam, 0 to 3 percent slopes	109B	Cazenovia silt loam, 3 to 8 percent slopes	200D	Bice fine sandy loam, 15 to 25 percent slopes	818D	Kalurah silt loam, 15 to 25 percent slopes, warm
39B	Knickerbocker fine sandy loam, 3 to 8 percent slopes	109C	Cazenovia silt loam, 8 to 15 percent slopes	200E	Bice fine sandy loam, 25 to 50 percent slopes	818E	Kalurah silt loam, 25 to 45 percent slopes, warm
39C	Knickerbocker fine sandy loam, 8 to 15 percent slopes	109D	Cazenovia silt loam, 15 to 25 percent slopes	212	Adrian muck	819A	Kendaia silt loam, 0 to 3 percent slopes, cool
41	Niagara fine sandy loam	111B	Lansing silt loam, 3 to 8 percent slopes	221B	Kalurah silt loam, 3 to 8 percent slopes	819B	Kendaia silt loam, 3 to 8 percent slopes, cool
42	Castile gravelly loam	111C	Lansing silt loam, 8 to 15 percent slopes	221C	Kalurah silt loam, 8 to 15 percent slopes	823A	Malone loam, 0 to 3 percent slopes, warm
43	Jebavy sand	111D	Lansing silt loam, 15 to 25 percent slopes	221D	Kalurah silt loam, 15 to 25 percent slopes	823B	Malone loam, 3 to 8 percent slopes, warm
46A	Colosse gravelly loam, 0 to 3 percent slopes	111E	Lansing silt loam, 25 to 45 percent slopes	221E	Kalurah silt loam, 25 to 45 percent slopes	823C	Malone loam, 8 to 15 percent slopes, warm
46B	Colosse gravelly loam, 3 to 8 percent slopes	113A	Camroden silt loam, 0 to 3 percent slopes	223A	Malone loam, 0 to 3 percent slopes	825B	Pinckney silt loam, 3 to 8 percent slopes, warm
46C	Colosse gravelly loam, 8 to 15 percent slopes	113B	Camroden silt loam, 3 to 8 percent slopes	223B	Malone loam, 3 to 8 percent slopes	825C	Pinckney silt loam, 8 to 15 percent slopes, warm
46D	Colosse gravelly loam, 15 to 25 percent slopes	113C	Camroden silt loam, 8 to 15 percent slopes	223C	Malone loam, 8 to 15 percent slopes	825D	Pinckney silt loam, 15 to 25 percent slopes, warm
47A	Scio silt loam, 0 to 3 percent slopes	114B	Pinckney silt loam, 3 to 8 percent slopes	256D	Becket fine sandy loam, 15 to 25 percent slopes, very bouldery	831	Tughill mucky silt loam, stony, warm
47B	Scio silt loam, 3 to 8 percent slopes	114C	Pinckney silt loam, 8 to 15 percent slopes	260A	Ovid silt loam, 0 to 3 percent slopes	833A	Westbury silt loam, 0 to 3 percent slopes, stony, warm
50	Wareham loamy fine sand	114D	Pinckney silt loam, 15 to 25 percent slopes	260B	Ovid silt loam, 3 to 8 percent slopes	833B	Westbury silt loam, 3 to 8 percent slopes, stony, warm
54D	Colton gravelly sandy loam, 15 to 35 percent slopes	115B	Chadakoins silt loam, 3 to 8 percent slopes	267B	Greene silt loam, 3 to 8 percent slopes	838B	Worth loam, 3 to 8 percent slopes, stony, warm
55A	Adams loamy sand, 0 to 3 percent slopes	115C	Chadakoins silt loam, 8 to 15 percent slopes	267C	Greene silt loam, 8 to 15 percent slopes	838C	Worth loam, 8 to 15 percent slopes, stony, warm
55B	Adams loamy sand, 3 to 8 percent slopes	115D	Chadakoins silt loam, 15 to 25 percent slopes	269	Greene-Tuller complex	838D	Worth loam, 15 to 25 percent slopes, stony, warm
55C	Adams loamy sand, 8 to 15 percent slopes	115E	Chadakoins silt loam, 25 to 45 percent slopes	295	Carlisle muck, drained	838E	Worth loam, 25 to 45 percent slopes, stony, warm
55D	Adams loamy sand, 15 to 25 percent slopes	117A	Pittsfield loam, 0 to 3 percent slopes	350A	Alton gravelly loam, 0 to 3 percent slopes	842B	Farmington silt loam, 2 to 8 percent slopes, cool
55E	Adams loamy sand, 25 to 45 percent slopes	117B	Pittsfield loam, 3 to 8 percent slopes	350B	Alton gravelly loam, 3 to 8 percent slopes	843D	Farmington-Rock outcrop complex, 15 to 25 percent slopes, cool
56B	Becket-Skerry complex, 3 to 8 percent slopes, very bouldery	117C	Pittsfield loam, 8 to 15 percent slopes	350C	Alton gravelly loam, 8 to 15 percent slopes	845A	Galway silt loam, 0 to 3 percent slopes, cool
56C	Becket-Skerry complex, 8 to 15 percent slopes, very bouldery	117D	Pittsfield loam, 15 to 25 percent slopes	355B	Arnot channery silt loam, 3 to 8 percent slopes	845B	Galway silt loam, 3 to 8 percent slopes, cool
57A	Croghan loamy fine sand, 0 to 3 percent slopes	117E	Pittsfield loam, 25 to 45 percent slopes	372A	Appleton silt loam, 0 to 3 percent slopes	845C	Galway silt loam, 8 to 15 percent slopes, cool
57B	Croghan loamy fine sand, 3 to 8 percent slopes	119B	Pyrites loam, 3 to 8 percent slopes	372B	Appleton silt loam, 3 to 8 percent slopes	858A	Chenango gravelly fine sandy loam, 0 to 3 percent slopes, red substratum
60B	Adirondack fine sandy loam, 2 to 8 percent slopes, very bouldery	119C	Pyrites loam, 8 to 15 percent slopes	395	Palms muck	858B	Chenango gravelly fine sandy loam, 3 to 8 percent slopes, red substratum
61A	Schoharie silt loam, 0 to 3 percent slopes	119D	Pyrites loam, 15 to 25 percent slopes	397	Wonsqueak muck	858C	Chenango gravelly fine sandy loam, 8 to 15 percent slopes, red substratum
61B	Schoharie silt loam, 3 to 8 percent slopes	119E	Pyrites loam, 25 to 45 percent slopes	398	Dawson peat	858D	Chenango gravelly fine sandy loam, 15 to 25 percent slopes, red substratum
61C	Schoharie silt loam, 8 to 15 percent slopes	120C	Pyrites loam, rolling, very bouldery	413B	Venango silt loam, 2 to 8 percent slopes	858E	Chenango gravelly fine sandy loam, 25 to 45 percent slopes, red substratum
61E	Schoharie silt loam, 20 to 40 percent slopes	121B	Worth loam, 3 to 8 percent slopes, stony	413C	Venango silt loam, 8 to 15 percent slopes	982	Walkill silt loam
62C	Becket-Tunbridge complex, 3 to 15 percent slopes, very bouldery	121C	Worth loam, 8 to 15 percent slopes, stony	414B	Mardin loam, 3 to 8 percent slopes	W	Water
62D	Becket-Tunbridge complex, 15 to 35 percent slopes, very bouldery	121D	Worth loam, 15 to 25 percent slopes, stony				

## ENTENTIONAL AND SPECIAL SYMBOLS LEGEND

CULTURAL FEATURES	HYDROGRAPHIC FEATURES	SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO
<b>BOUNDARIES</b>	<b>STREAMS</b>	<b>SOIL DELINEATIONS AND SYMBOLS</b>
National, state, or province	Perennial stream, double line	LANDFORM FEATURES
County or parish	Perennial stream, single line	Bedrock escarpment
Minor civil division	Intermittent stream	Short steep slope
Reservation (national forest or park, state forest or park)	Drainage end	MISCELLANEOUS SURFACE FEATURES
Limit of soil survey (label) and/or denied access area	Perennial drainage and/or irrigation ditch	Blowout
Field sheet matchline & neatline	Spring	Clay spot
<b>TRANSPORTATION</b>		Gravel pit
Divided roads		Gravelly spot
Other roads		Marsh or swamp
<b>ROAD EMBLEM AND DESIGNATIONS</b>		Mine or quarry
Interstate		Perennial water
Federal		Rock outcrop
State		Sandy spot
County, farm or ranch		Stony spot
		Very stony spot
		Wet spot
		AD HOC FEATURES
		Lime substratum spot