

**TABLE 3
UPPER MOUNT BETHEL TOWNSHIP OVERALL SOILS CHARACTERISTICS**

Abbreviation	Soil Class	Slope (%)	Depth to Rock (in)	Depth Class	Depth to Seasonal High Water Table (in)	Drainage Class	Permeability	Hydric Soil	Depth and Drainage Category	Sewage Treatment Category	Parent Material	Landform	Frequency of Flooding	Frequency of Ponding
SwB	Swartswood** - Wurtsboro Extremely Stony Soils (50/30)	0 to 8	60 - 120** > 42	Deep** Very Deep	33 to 36** 12 to 30	Well Drained** Moderately well drained	Moderately low to moderately high	No	1	B	Glacial till derived from quartzite and/or conglomerate and/or sandstone	Hills	None	None
SwB	Swartswood - Wurtsboro** Extremely Stony Soils (50/30)	0 to 8	>42 to 120**	Deep to Very Deep	33 to 36 12 to 30**	Well Drained Moderately well drained**	Moderately low to moderately high	No	2	B	Glacial till derived from quartzite and/or conglomerate and/or sandstone	Hills	None	None
SwD	Swartswood** - Wurtsboro Extremely Stony Soils (50/30)	8 to 25	> 42	Deep** Very Deep	33 to 36** 12 to 30	Well Drained Moderately well drained**	Moderately low to moderately high	No	1	B	Glacial till derived from quartzite and/or conglomerate and/or sandstone	Hills	None	None
SwD	Swartswood - Wurtsboro** Extremely Stony Soils (50/30)	8 to 25	>42 to 120**	Deep to Very Deep	33 to 36 12 to 30**	Well Drained Moderately well drained**	Moderately low to moderately high	No	2	B	Glacial till derived from quartzite and/or conglomerate and/or sandstone	Hills	None	None
UbB	Udorthents, limestone	0 to 8	40 - 99	Deep to Very Deep	60	Well drained	Moderately low to moderately high	No	1	A	Graded areas of argillaceous limestone	Hills	None	None
Uc	Udorthents, loamy	0 to 8	> 80	Very Deep	12 to 36	Moderately well drained	Moderately low to high	No	2	B	Graded areas of loamy sedimentary rock	Ridges	None	None
UdB	Udorthents, sandy	0 to 3	72 - 99	Very Deep	48 to 72	Well drained	High to very high	No	1	A	Not Noted	Terraces	None	None
Uhd	Udorthents, shale and sandstone	8 to 25	20 to 99	Deep to Very Deep	12 to 36	Moderately well drained	Moderately low to high	No	2	B	Graded areas of sandstone and shale	Ridges	None	None
UkaB	Urban Land (90/ Other components 10)	0 to 8	N/A	N/A	N/A	N/A	N/A	No	7	F	Pavement, buildings and other artificially areas of human transported material	Not Noted	Not Noted	Not Noted
UkB	Urban Land - occasionally flooded	0 to 3	10 to 98	N/A	N/A	Excessively drained	Very high	No	7	F	Pavement, buildings and other artificially covered areas	Flood plains	Occasional	Not Noted
UmB	Urban Land** - Conotom complex (65/25)	0 to 8	10 to 100** > 80	N/A** Very Deep	N/A > 80	N/A** Well Drained	N/A** High	No	7	A	Pavement, buildings and other artificially covered areas** Stratified sand and gravel outwash	Ridges, hills, valleys** Stream terraces	Not Noted** None	Not Noted** None
UnB	Urban Land** - Delaware complex (65/25)	0 to 8	10 to 100** 72 to 99	N/A** Very Deep	N/A** > 80	N/A** Well Drained	N/A** High	No	7	A	Pavement, buildings and other artificially covered areas** Postglacial alluvium derived from sandstone and shale	Ridges, hills, valleys** Terraces	Not Noted** Rare	Not Noted** None
UsB	Urban Land** - Swartswood complex (60/30)	0 to 8	10 to 98** > 42	N/A** Deep to Very Deep	N/A** 33 to 36	N/A** Well Drained	N/A** Moderately low to moderately high	Unranked** No	7	B	Glacial till derived from quartzite and/or conglomerate and/or sandstone	Ridges, hills, valleys** Hills	Not Noted** None	Not Noted** None
UsD	Urban Land** - Swartswood complex (60/30)	8 to 25	10 to 98** > 42	N/A** Deep to Very Deep	N/A** 33 to 36	N/A** Well Drained	N/A** Moderately low to moderately high	Unranked** No	7	B	Glacial till derived from quartzite and/or conglomerate and/or sandstone	Ridges, hills, valleys** Hills	Not Noted** None	Not Noted** None
UulB	Urban Land** - Udorthents, loamy complex (80/15)	0 to 8	10 to 100** > 80	N/A** Very Deep	N/A** 12 to 36	N/A** Moderately Well Drained	N/A** Moderately low to high	No** No	7	B	Pavement, buildings and other artificially covered areas** Graded areas of loamy sedimentary rock	Ridges, hills, valleys** Ridges	Not Noted** None	Not Noted** None
UunB	Urban Land** - Udorthents, sandy complex (80/15)	0 to 8	10 to 100** 72 to 99	N/A** Very Deep	N/A** 48 to 72	N/A** Well Drained	N/A** High to very high	No** No	7	A	Pavement, buildings and other artificially covered areas** Not Noted	Ridges, hills, valleys** Terraces	Not Noted** None	Not Noted** None
VoB*	Volusia gravelly silt loam	3 to 8	> 60	Very Deep	6 to 18	Somewhat poorly drained	Very low to moderately high	No	3	C	Fine-loamy basal till derived from sandstone and siltstone	Valley sides	None	None
VuB	Volusia gravelly silt loam - extremely stony	0 to 8	> 60	Very Deep	6 to 18	Somewhat poorly drained	Very low to moderately high	No	3	C	Fine-loamy basal till derived from sandstone and siltstone	Valley sides	None	None
WuB	Wurtsboro gravelly silt loam	3 to 8	60 to 120	Very Deep	12 to 30	Moderately well drained	Moderately low to moderately high	No	2	B	Glacial till derived from quartzite and/or conglomerate and/or sandstone	Hills	None	None
WuC*	Wurtsboro gravelly silt loam	8 to 15	60 to 120	Very Deep	12 to 30	Moderately well drained	Moderately low to moderately high	No	2	B	Glacial till derived from quartzite and/or conglomerate and/or sandstone	Hills	None	None

- Notes
- 1 Soils designated as Prime Farmland are shaded. Soils of Statewide Importance are labeled with an asterisk.
 - 2 Complex Soils are mixes of two soil series. General percentage that each occupies within the overall land area is designated in parentheses after the title, in the same order as listed in the title.
 - 3 Soils listed as combinations of two soil series, or as a soils complex, may fall into more than one sewage disposal category. The soil series and associated characteristic applicable to the category is noted with a double asterisk.
 - 4 Urban Land Soils are disturbed soils that are so variable that they cannot be characterized by the soil survey.
 - 5 Urban Land and Urban Land Complex Soils are within developed areas. These areas comprise pavement, buildings and other artificially covered areas with minor soil components varying in depth, drainage and permeability characteristics.