

**WASHINGTON COUNTY ANCILLARY SOIL RATINGS FOR RESIDENTIAL ON-SITE WASTE DISPOSAL
 NATURAL RESOURCES CONSERVATION SERVICE
 DRAFT COPY - FEBRUARY 24, 2003**

Sorted by MUID - map unit ID, which is the 3 digit county code followed by the map unit symbol.

MUID	MUNAME	2003 ON-SITE CLASS
023100	PITS, SAND AND PITS, GRAVEL	V
023102	PITS, QUARRY-DUMPS, MINE COMPLEX	V
023103	UDORTHENTS, LOAMY	V
023104	URBAN LAND-UDIPSAMMENTS COMPLEX, OCCASIONALLY FLOODED	V
023116B	MUNDAL FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	IIh
023116C	MUNDAL FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIh
023116D	MUNDAL FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIe
02314B	COLONEL FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIIc
02314C	COLONEL FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	IIId
02314D	COLONEL FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	IIIe
023151F	HOGBACK-ROCK OUTCROP-RAWSONVILLE COMPLEX, 35 TO 70 PERCENT SLOPES, VERY STON'	IVb
023162D	HOUGHTONVILLE-RAWSONVILLE COMPLEX, 15 TO 35 PERCENT SLOPES, VERY BOULDERY	IIId
023162E	HOUGHTONVILLE-RAWSONVILLE COMPLEX, 35 TO 60 PERCENT SLOPES, VERY BOULDERY	IVb
023163C	HOUGHTONVILLE FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	Ic
023163D	HOUGHTONVILLE FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	Id
023163E	HOUGHTONVILLE FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IIIf
023168C	HOGBACK-RAWSONVILLE COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIIa
023168D	HOGBACK-RAWSONVILLE COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IIIa
023168E	HOGBACK-RAWSONVILLE COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
023172F	TACONIC-HUBBARDTON-ROCK OUTCROP COMPLEX, 60 TO 80 PERCENT SLOPE S	IVb
02317A	CABOT SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
02317B	CABOT SILT LOAM, 3 TO 8 PERCENT SLOPES	IVa
02317C	CABOT SILT LOAM, 8 TO 15 PERCENT SLOPES	IIId
02318B	CABOT SILT LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	IVa
02318C	CABOT SILT LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIId
02319B	COLONEL FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	IIIc
02319C	COLONEL FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIId
02319D	COLONEL FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIe
02320A	PEACHAM MUCK, 0 TO 5 PERCENT SLOPES	IVa
02321A	SUNDAY FINE SAND, 0 TO 3 PERCENT SLOPES	IIg
02326A	ADAMS LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	Ia
02326B	ADAMS LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES	Ia
02326C	ADAMS LOAMY FINE SAND, 8 TO 15 PERCENT SLOPES	Ia
02326D	ADAMS LOAMY FINE SAND, 15 TO 25 PERCENT SLOPES	Ib
02326E	ADAMS LOAMY FINE SAND, 25 TO 60 PERCENT SLOPES	Ile
0232A	ONDAWA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	IIg
02333A	MACHIAS FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	IIh
02333B	MACHIAS FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIh
02333C	MACHIAS FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	IIh
02337B	STETSON LOAM, 3 TO 8 PERCENT SLOPES	Ia
02337C	STETSON LOAM, 8 TO 15 PERCENT SLOPES	Ia
02337D	STETSON LOAM, 15 TO 25 PERCENT SLOPES	Ib
02337E	STETSON LOAM, 25 TO 60 PERCENT SLOPES	Ile
02339A	COLTON GRAVELLY LOAMY SAND, 0 TO 3 PERCENT SLOPES	Ia
02339B	COLTON GRAVELLY LOAMY SAND, 3 TO 8 PERCENT SLOPES	Ia
02339C	COLTON GRAVELLY LOAMY SAND, 8 TO 15 PERCENT SLOPES	Ia
02339D	COLTON GRAVELLY LOAMY SAND, 15 TO 25 PERCENT SLOPES	Ib
02339E	COLTON GRAVELLY LOAMY SAND, 25 TO 60 PERCENT SLOPES	Ile
0233A	RUMNEY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	IVa
02341D	BUXTON SILT LOAM, 15 TO 25 PERCENT SLOPES	IIIe
02341E	BUXTON SILT LOAM, 25 TO 45 PERCENT SLOPES	IVd
02343B	SALMON VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ic
02343C	SALMON VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ic
02343D	SALMON VERY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Id

02343E	SALMON VERY FINE SANDY LOAM, 25 TO 50 PERCENT SLOPES	IIIf
02344B	LAMOINE SILT LOAM, 3 TO 8 PERCENT SLOPES	IIIc
02344C	LAMOINE SILT LOAM, 8 TO 15 PERCENT SLOPES	IIIId
02345A	SCANTIC SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
0234A	SUNNY SILT LOAM, 0 TO 2 PERCENT SLOPES	IVa
02355B	NICHOLVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	IIh
02358A	GRANGE SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
02359A	WAITSFIELD SILT LOAM, 0 TO 3 PERCENT SLOPES	IIg
02360A	WEIDER VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	IIIb
02362B	BERKSHIRE FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ic
02362C	BERKSHIRE FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ic
02362D	BERKSHIRE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Id
02363B	BERKSHIRE FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	Ic
02363C	BERKSHIRE FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	Ic
02363D	BERKSHIRE FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	Id
02363E	BERKSHIRE FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IIIf
02364C	SALMON-ADAMANT COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIc
02364D	SALMON-ADAMANT COMPLEX, 15 TO 25 PERCENT SLOPES, VERY ROCKY	IIId
02364E	SALMON-ADAMANT COMPLEX, 25 TO 50 PERCENT SLOPES, VERY ROCKY	IVb
02366B	VERSHIRE-DUMMERSTON COMPLEX, 3 TO 8 PERCENT SLOPES, ROCKY	IIc
02366C	VERSHIRE-DUMMERSTON COMPLEX, 8 TO 15 PERCENT SLOPES, ROCKY	IIc
02366D	VERSHIRE-DUMMERSTON COMPLEX, 15 TO 25 PERCENT SLOPES, ROCKY	IIId
02366E	VERSHIRE-DUMMERSTON COMPLEX, 25 TO 60 PERCENT SLOPES, ROCKY	IVb
02367C	GLOVER-VERSHIRE COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIIa
02367D	GLOVER-VERSHIRE COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IIIa
02367E	GLOVER-VERSHIRE COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
02368D	STRATTON-GLEBE COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IIIa
02368E	STRATTON-GLEBE COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
02369D	SISK-GLEBE COMPLEX, 15 TO 35 PERCENT SLOPES, VERY BOULDERY	IIId
02369E	SISK-GLEBE COMPLEX, 35 TO 60 PERCENT SLOPES, VERY BOULDERY	IVb
02371C	TUNBRIDGE-LYMAN COMPLEX, 3 TO 15 PERCENT SLOPES, ROCKY	IIc
02372B	TUNBRIDGE-LYMAN COMPLEX, 3 TO 8 PERCENT SLOPES, VERY ROCKY	IIc
02372C	TUNBRIDGE-LYMAN COMPLEX, 8 TO 15 PERCENT SLOPES, VERY ROCKY	IIc
02372D	TUNBRIDGE-LYMAN COMPLEX, 15 TO 35 PERCENT SLOPES, VERY ROCKY	IIId
02372E	TUNBRIDGE-LYMAN COMPLEX, 35 TO 60 PERCENT SLOPES, VERY ROCKY	IVb
02376C	BERKSHIRE FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY BOULDERY	Ic
02376D	BERKSHIRE FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY BOULDERY	Id
02376E	BERKSHIRE FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY BOULDERY	IIIf
02377B	PERU GRAVELLY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIh
02377C	PERU GRAVELLY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	IIh
02377D	PERU GRAVELLY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	IIIe
02378C	PERU GRAVELLY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIh
02378D	PERU GRAVELLY FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIe
02378E	PERU GRAVELLY FINE SANDY LOAM, 35 TO 60 PERCENT SLOPES, VERY STONY	IVd
02379A	MARKEY AND WONSQUEAK MUCKS, 0 TO 2 PERCENT SLOPES	IVa
02382A	PEACHAM MUCK, 0 TO 5 PERCENT SLOPES, EXTREMELY BOULDERY	IVa
02385E	RICKER-LONDONDERRY-STRATTON COMPLEX, 35 TO 70 PERCENT SLOPES, VERY ROCKY	IVb
02386F	RICKER-LONDONDERRY-ROCK OUTCROP COMPLEX, 35 TO 70 PERCENT SLOPES	IVb
02388D	HOUGHTONVILLE FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY BOULDERY	Id
02389E	HOUGHTONVILLE FINE SANDY LOAM, 15 TO 60 PERCENT SLOPES, RUBBLY	Id
02390B	DUMMERSTON FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ic
02390C	DUMMERSTON FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ic
02390D	DUMMERSTON FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Id
02391C	DUMMERSTON FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	Ic
02391D	DUMMERSTON FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	Id
02392B	BUCKLAND SILT LOAM, 3 TO 8 PERCENT SLOPES	IIIc
02392C	BUCKLAND SILT LOAM, 8 TO 15 PERCENT SLOPES	IIIId
02392D	BUCKLAND SILT LOAM, 15 TO 25 PERCENT SLOPES	IIIe
02393B	BUCKLAND SILT LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	IIIc
02393C	BUCKLAND SILT LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	IIIId

02393D	BUCKLAND SILT LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	IIIe
02396D	PERU GRAVELLY FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, EXTREMELY BOULDERY	IIIe
02398B	CABOT SILT LOAM, 3 TO 8 PERCENT SLOPES, EXTREMELY BOULDERY	IVa
02398C	CABOT SILT LOAM, 8 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	IIIId
02399C	COLONEL FINE SANDY LOAM, 3 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	IIIId
02399D	COLONEL FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, EXTREMELY BOULDERY	IIIe
0239A	RIFLE MUCK, 0 TO 2 PERCENT SLOPES	IVa
023W	WATER	V

BRIEF SUMMARY OF RATINGS GROUPS

- Ia. WELL SUITED - Soil map units with rapid permeability**
- Ib. WELL SUITED - Soil map units with rapid permeability and limited slope**
- Ic. WELL SUITED - Soil map units with moderate permeability**
- Id. WELL SUITED - Soil map units with moderate permeability and limited slope**
- IIa. MODERATELY SUITED - Soil map units with slow permeability**
- IIb. MODERATELY SUITED - Soil map units with slow permeability and limited slope**
- IIc. MODERATELY SUITED - Soil map units with moderate depth to bedrock**
- IId. MODERATELY SUITED - Soil map units with moderate depth to bedrock and limited slope**
- IIe. MODERATELY SUITED - Soil map units with rapid permeability and steep slope**
- IIf. MODERATELY SUITED - Soil map units with moderate permeability and steep slope**
- IIg. MODERATELY SUITED - Soil map units with flooding limitation**
- IIh. MODERATELY SUITED - Soil map units with moderate depth to seasonal high water table (SHWT)**
- IIIa. MARGINALLY SUITED - Soil map units with marginal depth to bedrock**
- IIIb. MARGINALLY SUITED - Soil map units with flooding limitation and moderate depth to SHWT**
- IIIc. MARGINALLY SUITED - Soil map units with marginal depth to SHWT and gentle slope**
- IIId. MARGINALLY SUITED - Soil map units with marginal depth to SHWT and moderate slope**
- IIIe. MARGINALLY SUITED - Soil map units with marginal depth to SHWT and limited slope**
- IIIf. MARGINALLY SUITED - Soil map units with SHWT and depth to bedrock limitation**
- IVa. NOT SUITED - Soil map units not suited due to excessive wetness**
- IVb. NOT SUITED - Soil map units not suited due to limited depth to bedrock and steep slope**
- IVc. NOT SUITED - Soil map units not suited due to very limited depth to bedrock on moderate slopes**
- IVd. NOT SUITED - Soil map units not suited due to slow permeability and steep slope**
- V. NOT RATED MAP UNITS**

* for more information, contact Thomas Villars, Soil Resource Specialist (thomas.villars@vt.usda.gov)