

**GRAND ISLE COUNTY SOIL SUITABILITY GROUPS FOR ON-SITE SEWAGE DISPOSAL - 2008
 NATURAL RESOURCES CONSERVATION SERVICE
 CURRENT REVISION - JANUARY 2, 2008**

**Ratings are based on Vermont Environmental Protection Rules, September 29, 2007.
 Based on 20% maximum slope - for lots created on or after JUNE 14, 2002.**

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

MUID	MUNAME	2008 ON-SITE CLASS
013AaA	AMENIA SILT LOAM, 0 TO 3 PERCENT SLOPES	IIh
013AaB	AMENIA SILT LOAM, 3 TO 8 PERCENT SLOPES	IIh
013AaC	AMENIA SILT LOAM, 8 TO 15 PERCENT SLOPES	IIh
013AbA	AMENIA VERY STONY SILT LOAM, 0 TO 3 PERCENT SLOPES	IIh
013AbB	AMENIA VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	IIh
013AbC	AMENIA VERY STONY SILT LOAM, 8 TO 15 PERCENT SLOPES	IIh
013BaA	BALCH PEAT	V
013Bb	BEACH AND DUNE SAND	V
013BcA	BENSON ROCKY LOAM, OVER MASSIVE LIMESTONE, 0 TO 3 PERCENT SLOPES	IVc
013BcB	BENSON ROCKY LOAM, OVER MASSIVE, LIMESTONE, 3 TO 8 PERCENT SLOPES	IVc
013BcC	BENSON ROCKY LOAM, OVER MASSIVE LIMESTONE 8 TO 15 PERCENT SLOPES	IVc
013BdA	BENSON VERY ROCKY LOAM, OVER MASSIVE LIMESTONE, 0 TO 3 PERCENT SLOPES	IVc
013BdB	BENSON VERY ROCKY LOAM, OVER MASSIVE LIMESTONE, 3 TO 8 PERCENT SLOPES	IVc
013BdC	BENSON VERY ROCKY LOAM, OVER MASSIVE LIMESTONE, 8 TO 15 PERCENT SLOPES	IVc
013BdE	BENSON VERY ROCKY LOAM, OVER MASSIVE LIMESTONE, 15 TO 25 PERCENT SLOPES	IVc
013BdF	BENSON VERY ROCKY LOAM, OVER MASSIVE LIMESTONE, 25 TO 35 PERCENT SLOPES	IVb
013BeA	BENSON ROCKY SILT LOAM, OVER SHALY LIMESTONE, 0 TO 3 PERCENT SLOPES	IVc
013BeB	BENSON ROCKY SILT LOAM, OVER SHALY LIMESTONE, 3 TO 8 PERCENT SLOPES	IVc
013BeC	BENSON ROCKY SILT LOAM, OVER SHALY LIMESTONE, 8 TO 15 PERCENT SLOPES	IVc
013BeD	BENSON ROCKY SILT LOAM, OVER SHALY LIMESTONE, 15 TO 25 PERCENT SLOPES	IVc
013BeE	BENSON ROCKY SILT LOAM, OVER SHALY LIMESTONE, 25 TO 35 PERCENT SLOPES	IVb
013BeF	BENSON ROCKY SILT LOAM, OVER SHALY LIMESTONE, 35 TO 50 PERCENT SLOPES	IVb
013BfB	BENSON VERY ROCKY SILT LOAM, OVER SHALY LIMESTONE, 3 TO 8 PERCENT SLOPES	IVc
013BfC	BENSON VERY ROCKY SILT LOAM, OVER SHALY LIMESTONE, 8 TO 15 PERCENT SLOPES	IVc
013BfD	BENSON VERY ROCKY SILT LOAM, OVER SHALY LIMESTONE, 15 TO 25 PERCENT SLOPES	IVc
013BfE	BENSON VERY ROCKY SILT LOAM, OVER SHALY LIMESTONE, 25 TO 50 PERCENT SLOPES	IVb
013CaA	CARLISLE MUCK	IVa
013CbA	COVINGTON SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	IVa
013CbB	COVINGTON SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES	IVa
013EaA	ELMWOOD FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	IIh
013EaB	ELMWOOD FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IIh
013FaA	FRESH WATER MARSH	V
013Gr	PITS, SAND AND PITS, GRAVEL	V
013KaA	KARS FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	Ia
013KaB	KARS FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ia
013KaC	KARS FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ia
013KaD	KARS FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Ib
013KaE	KARS FINE SANDY LOAM, 25 TO 50 PERCENT SLOPES	Ile
013KbA	KENDAIA SILT LOAM, 0 TO 3 PERCENT SLOPES	IIIc
013KbB	KENDAIA SILT LOAM, 3 TO 8 PERCENT SLOPES	IIIc
013KcA	KENDAIA VERY STONY SILT LOAM, 0 TO 3 PERCENT SLOPES	IIIc
013KcB	KENDAIA VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	IIIc
013LaA	LIVINGSTON SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	IVa
013LbA	LYONS SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
013LcA	LYONS VERY STONY SILT LOAM, 0 TO 3 PERCENT SLOPES	IVa
013MaA	MELROSE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	Ila
013MaB	MELROSE FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	Ila
013MaC	MELROSE FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	Ila
013MaD	MELROSE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	Ilb
013NaA	NELLIS SILT LOAM, 0 TO 3 PERCENT SLOPES	Ila

013NaB	NELLIS SILT LOAM, 3 TO 8 PERCENT SLOPES	IIa
013NaC	NELLIS SILT LOAM, 8 TO 15 PERCENT SLOPES	IIa
013NaD	NELLIS SILT LOAM, 15 TO 25 PERCENT SLOPES	IIb
013NbA	NELLIS VERY STONY SILT LOAM, 0 TO 3 PERCENT SLOPES	IIa
013NbB	NELLIS VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	IIa
013NbC	NELLIS VERY STONY SILT LOAM, 8 TO 15 PERCENT SLOPES	IIa
013NbD	NELLIS VERY STONY SILT LOAM, 15 TO 25 PERCENT SLOPES	IIb
013Qu	PITS, QUARRY	V
013SaB	ST. ALBANS-DUTCHESS LOAMS, 3 TO 8 PERCENT SLOPES	Ic
013SbB	ST. ALBANS-DUTCHESS ROCKY LOAMS, 3 TO 8 PERCENT SLOPES	IIc
013SbC	ST. ALBANS-DUTCHESS ROCKY LOAMS, 8 TO 15 PERCENT SLOPES	IIc
013ScB	ST. ALBANS-DUTCHESS VERY ROCKY LOAMS, 3 TO 8 PERCENT SLOPES	IIc
013ScD	ST. ALBANS-DUTCHESS VERY ROCKY LOAMS, 15 TO 25 PERCENT SLOPES	IIId
013SdA	SWANTON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	IVa
013SdB	SWANTON FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	IVa
013VaA	VERGENNES SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	IIIc
013VaB	VERGENNES SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES	IIIc
013W	WATER	V
013WaA	WHATELY LOAM, 0 TO 3 PERCENT SLOPES	IVa

BRIEF SUMMARY OF RATINGS GROUPS

- Ia. WELL SUITED - Soils with rapid permeability**
- Ib. WELL SUITED - Soils with rapid permeability and limited slope**
- Ic. WELL SUITED - Soils with moderate permeability**
- Id. WELL SUITED - Soils with moderate permeability and limited slope**
- IIa. MODERATELY SUITED - Soils with slow permeability**
- IIb. MODERATELY SUITED - Soils with slow permeability and limited slope**
- IIc. MODERATELY SUITED - Soils with moderate depth to bedrock**
- IId. MODERATELY SUITED - Soils with moderate depth to bedrock and limited slope**
- IIe. MODERATELY SUITED - Soils with rapid permeability and steep slope**
- IIf. MODERATELY SUITED - Soils with moderate permeability and steep slope**
- IIg. Soil map units previously in this subgroup have been re-assigned to IIIg in this revision**
- IIh. MODERATELY SUITED - Soils with moderate depth to seasonal high water table (SHWT)**
- IIIa. MARGINALLY SUITED - Soils with marginal depth to bedrock**
- IIIb. MARGINALLY SUITED - Soils with flooding limitation and moderate depth to SHWT**
- IIIc. MARGINALLY SUITED - Soils with marginal depth to SHWT and gentle slope**
- IIId. MARGINALLY SUITED - Soils with marginal depth to SHWT and moderate slope**
- IIIe. MARGINALLY SUITED - Soils with marginal depth to SHWT and limited slope**
- IIIf. MARGINALLY SUITED - Soil map units with SHWT and depth to bedrock limitation**
- IIIg. MARGINALLY SUITED - Soil map units with a hazard of flooding**
- IVa. GENERALLY NOT SUITED - Soils not suited due to excessive wetness**
- IVb. GENERALLY NOT SUITED - Soils not suited due to limited depth to bedrock and steep slope**
- IVc. GENERALLY NOT SUITED - Soils not suited due to very limited depth to bedrock on moderate slopes**
- IVd. GENERALLY NOT SUITED - Soils 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)