U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

MERRIMACK COUNTY, NEW HAMPSHIRE

NEW HAMPSHIRE AGRICULTURAL EXPERIMENT STATION

CONVENTIONAL SIGNS

WORKS AND STRUCTURES

Highways and roads
- Dual
- Good motor
- Poor motor
- Trail

Highway markers
- National Interstate
- U. S.
- State

Railroads
- Single track
- Multiple track
- Abandoned

Bridges and crossings
- Road
- Trail, foot
- Railroad
- Ferries
- Ford
- Grade
- R. R. over
- R. R. under
- Tunnel

Buildings
- School
- Church
- Summer cottage

Mines and Quarries

Mine dump

Pits, gravel or other

Power lines

Pipe lines

Cemeteries

Dams

Levees

Tanks

Sawmill

Forest fire or lookout station

BOUNDARIES

- National or state
- County
- Reservation
- Township, civil

DRAINAGE

Streams
- Perennial
- Intermittent, unclass.

Canals and ditches

CANAL

DITCH

Lakes and ponds
- Perennial
- Intermittent

Wells

flowing

Springs

Marsh

Wet spot

RELIEF

Escarpments
- Bedrock
- Other

Prominent peaks

Depressions

	Large	Small
Crossable with tillage implements		
Not crossable with tillage implements		
Contains water most of the time		

SOIL SURVEY DATA

- Soil boundary and symbol (Dx)
- Gravel
- Stones
- Rock outcrops
- Chert fragments
- Clay spot
- Sand spot
- Gumbo or scabby spot
- Made land
- Severely eroded spot
- Blowout, wind erosion
- Gullies
- Wind erosion, moderate
- Wind erosion, severe

SOIL LEGEND

The first capital letter is the initial letter of the soil name. A second capital letter, A, B, C, D, or E, shows the slope. Some symbols without a slope letter are for nearly level soils, such as Saco silt loam, but some are for soils or land types that have a considerable range of slope.

SYMBOL	NAME
AcB	Acton fine sandy loam, 0 to 8 percent slopes
AdB	Acton very stony fine sandy loam, 0 to 8 percent slopes
AdC	Acton very stony fine sandy loam, 8 to 15 percent slopes
AfA	Agawam very fine sandy loam, 0 to 3 percent slopes
AfB	Agawam very fine sandy loam, 3 to 8 percent slopes
AgA	Au Gres fine sandy loam, 0 to 3 percent slopes
AgB	Au Gres fine sandy loam, 3 to 8 percent slopes
AuB	Au Gres loamy sand, 0 to 8 percent slopes
BcB	Belgrade silt loam, 0 to 8 percent slopes
CaC	Canaan-Hermon very rocky sandy loams, 3 to 15 percent slopes
CaD	Canaan-Hermon very rocky sandy loams, 15 to 25 percent slopes
ChD	Canaan-Hermon extremely rocky sandy loams, 8 to 25 percent slopes
ChE	Canaan-Hermon extremely rocky sandy loams, 25 to 60 percent slopes
CoA	Colton loamy sand, 0 to 3 percent slopes
CoB	Colton loamy sand, 3 to 8 percent slopes
CoC	Colton loamy sand, 8 to 15 percent slopes
CtE	Colton gravelly loamy sand, 15 to 60 percent slopes
DuB	Duane fine sandy loam, 0 to 8 percent slopes
GcB	Gloucester sandy loam, 3 to 8 percent slopes
GcC	Gloucester sandy loam, 8 to 15 percent slopes
GcD	Gloucester sandy loam, 15 to 25 percent slopes
GrB	Gloucester very stony sandy loam, 3 to 8 percent slopes
GrC	Gloucester very stony sandy loam, 8 to 15 percent slopes
GrD	Gloucester very stony sandy loam, 15 to 25 percent slopes
GrE	Gloucester very stony sandy loam, 25 to 60 percent slopes
GsD	Gloucester extremely stony sandy loam, 8 to 25 percent slopes
GsE	Gloucester extremely stony sandy loam, 25 to 60 percent slopes
Gv	Gravel pits
HmB	Hermon sandy loam, 3 to 8 percent slopes
HmC	Hermon sandy loam, 8 to 15 percent slopes
HmD	Hermon sandy loam, 15 to 25 percent slopes
HnB	Hermon very stony sandy loam, 3 to 8 percent slopes
HnC	Hermon very stony sandy loam, 8 to 15 percent slopes
HnD	Hermon very stony sandy loam, 15 to 25 percent slopes
HoD	Hermon extremely stony sandy loam, 8 to 25 percent slopes
HoE	Hermon extremely stony sandy loam, 25 to 60 percent slopes
HrE	Hinckley gravelly loamy sand, 15 to 60 percent slopes
HsA	Hinckley loamy sand, 0 to 3 percent slopes
HsB	Hinckley loamy sand, 3 to 8 percent slopes
HsC	Hinckley loamy sand, 8 to 15 percent slopes
Lm	Limerick silt loam, high bottom
Ma	Made land
Mh	Marsh
MmA	Merrimac sandy loam, 0 to 3 percent slopes
MmB	Merrimac sandy loam, 3 to 8 percent slopes
MmC	Merrimac sandy loam, 8 to 15 percent slopes
Mn	Mixed alluvial land
Mp	Muck and Peat
NnA	Ninigret very fine sandy loam, 0 to 3 percent slopes
Of	Ondawa fine sandy loam
Oh	Ondawa fine sandy loam, high bottom
PaB	Paxton loam, 0 to 8 percent slopes
PaC	Paxton loam, 8 to 15 percent slopes
PaD	Paxton loam, 15 to 25 percent slopes
PnB	Paxton very stony loam, 3 to 8 percent slopes
PnC	Paxton very stony loam, 8 to 15 percent slopes
PnD	Paxton very stony loam, 15 to 25 percent slopes
PnE	Paxton very stony loam, 25 to 60 percent slopes
Po	Podunk fine sandy loam
RbA	Ridgebury loam, 0 to 3 percent slopes
RbB	Ridgebury loam, 3 to 8 percent slopes
RdA	Ridgebury and Whitman very stony loams, 0 to 3 percent slopes
RdB	Ridgebury and Whitman very stony loams, 3 to 8 percent slopes
Rh	Riverwash
Ro	Rock outcrop
Ru	Rumney fine sandy loam
Sa	Saco silt loam
Sc	Scarboro fine sandy loam
SgB	Shapleigh-Gloucester sandy loams, 3 to 8 percent slopes
SgC	Shapleigh-Gloucester sandy loams, 8 to 15 percent slopes
ShC	Shapleigh-Gloucester very rocky sandy loams, 3 to 15 percent slopes
ShD	Shapleigh-Gloucester very rocky sandy loams, 15 to 25 percent slopes
SoD	Shapleigh-Gloucester extremely rocky sandy loams, 8 to 25 percent slopes
SoE	Shapleigh-Gloucester extremely rocky sandy loams, 25 to 60 percent slopes
SuA	Sudbury fine sandy loam, 0 to 3 percent slopes
SuB	Sudbury fine sandy loam, 3 to 8 percent slopes
Sy	Suncook loamy sand
WdA	Windsor loamy sand, 0 to 3 percent slopes
WdB	Windsor loamy sand, 3 to 8 percent slopes
WdC	Windsor loamy sand, 8 to 15 percent slopes
WdE	Windsor loamy sand, 15 to 60 percent slopes
WoB	Woodbridge loam, 0 to 8 percent slopes
WoC	Woodbridge loam, 8 to 15 percent slopes
WvB	Woodbridge very stony loam, 0 to 8 percent slopes
WvC	Woodbridge very stony loam, 8 to 15 percent slopes

Soil map constructed 1963 by Cartographic Division, Soil Conservation Service, USDA, from 1953 aerial photographs. Controlled mosaic based on New Hampshire plane coordinate system, transverse Mercator projection. 1927 North American datum.