Key to the Soils of New Hampshire

PARENT MATERIAL *temperature regime*	Soil — Drainage Class: Excessively Drained	Somewhat Excessively Drained	Well Drained	Moderately Well Drained	Somewhat Poorly Drained	Poorly Drained	Very Poorly Drained
A. Alluvial Deposits	Soils Developing on Flood Plain (Bottomland) Deposits						
Sandy to loamy textures *Mesic*	Suncook		Occum	Pootatuck	Pootatuck Variant	Rippowam Lim	
Frigid	Sunday		Ondawa Ondawa sandy-substratum	Podunk Podunk sandy substratum	Podunk Variant	Rumney	
Silty textures *Mesic*			Hadley	Winooski		Limerick	Saco
Frigid			Fryeburg	Lovewell		Charles	Medomak
Loamy over gravelly textures *Frigid*			Abenaki	Metallak Podunk sandy substratum		Cohas Limerick cool sandy substratum	Saco Variant
B. Glaciofluvial Ice Contact and Proglacial Deposits	Soils Developed on Outwash and Stream Terraces						
Stratified sand and gravel deposits *Mesic*	Hinckley	Merrimac		Sudbury	Sudbury	Walpole	Scarboro
Frigid	Colton Boscawen			Duane Sheepscot	Duane variant	Kinsman	Searsport
Sandy deposits *Mesic*	Windsor Caesar			Deerfield	Deerfield variant	Mashpee Wareham Pipestone◆ Saugatuck◆	Scarboro
Frigid		Champlain Adams		Croghan	Croghan variant Finch◆	Naumburg Au Gres◆	Searsport
Loamy textured material underlain by sand or gravel *Mesic*			Agawam Haven	Ninigret	Ninigret variant	Raypol	
Frigid			Allagash Groveton Salmon sandy-substratum	Madawaska Nicholville sandy-substratum	Madawaska	Grange Raynham cool sandy substratum	
Stratified sand and gravel deposits with a high % of schist; phyllite *Mesic*	Quonset	Hoosic Warwick					
Frigid		Masardis	Stetson	Machias			
C. Marine or Glaciolacustrine Deposits	Soils Developed in Silt and Clay						
Silt and clay deposits *Mesic*			Suffield	Boxford	Boxford	Scitico	Maybid
Frigid				Buxton		Scantic	Biddeford
Very fine sand and silt *Mesic*			Hartland Hitchcock Unadilla Unadilla Variant Poocham	Belgrade Dartmouth Scio	Raynham Scio Variant	Raynham Binghamville	
Frigid			Salmon	Nicholville	Roundabout	Pemi Roundabout	
Sandy or loamy material 1.5 to 3 feet thick over silt and clay deposits *Mesic*		Windsor variant		Eldridge Elmridge	Eldridge variant Shaker variant	Squamscott Shaker	
Frigid			Melrose	Elmwood	Swanton	Swanton	

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D. Till Materials	Soils Developed in Glacial Till						
Loose till of sandy textures *Mesic*		Gloucester Shapleigh◆⌘	Canton	Newfields Acton	Newfields variant		Scarboro very stony
Frigid		Hermon Gloucester cool Success	Monadnock Chichester	Waumbek Acton cool	Moosilauke	Moosilauke Lyme	
Cryic		Hermon variant	Monadnock variant				
Loose or firm till of loamy textures *Mesic*			Hollis⌘ Charlton Chatfield⌘	Sutton Chatfield variant⌘	Sutton Var. Chatfield variant⌘	Leicester variant Leicester	
Frigid		Lyman⌘ Woodstock⌘ Millsite⌘ Hogback⌘	Berkshire Millsite⌘ Rawsonville⌘ Tunbridge⌘ Bice Macomber⌘ Houghtonville	Sunapee Sutton cool	Sunapee variant	Lyme Leicester cool	
Cryic			Berkshire variant				
Friable till of silty textures derived mainly from mica schist and phyllite *Mesic*		Kearsarge⌘	Dutchess Cardigan⌘ Pennichuck⌘				
Frigid		Thorndike⌘ Glover⌘ Monson⌘	Bangor Variant Bangor Winnecook⌘ Elliottsville⌘ Macomber⌘	Dixmont	Dixmont		
Firm, compact, platy till of silty textures derived primarily from mica schist and phyllite *Mesic*			Bernardston Bernardston variant	Pittstown Pittstown variant (Typic)	Pittstown variant	Stissing	
Frigid			Plaisted Lanesboro	Howland Chesuncook Buckland	Telos	Cabot Monarda Brayton	Peacham Burnham
Cryic			Sisk Saddleback⌘ Stratton⌘ Glebe⌘	Surplus	Surplus	Bemis Monarda variant	
Firm, compact, platy till of sandy textures *Mesic*			Montauk Millis◆	Scituate			
Frigid			Becket Henniker	Skerry Metacomet			
Firm, compact, platy till of loamy textures - *Mesic*			Paxton	Woodbridge	Ridgebury	Ridgebury	Whitman
Frigid			Marlow Canterbury Paxton cool	Woodbridge cool Mundal Dixfield Peru◆ Buckland Gilmanton Peru variant◆	Colonel	Pillsbury Brayton Pillsbury variant⌘ Cabot	Whitman cool Peacham

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E. Weathered Bedrock	Soils Developed on Weathered Bedrock						
Loose crystalline rock fragments primarily weathered Conway granite (mainly Carroll, Grafton & Coos Co.) *Frigid*		Canaan⌘	Redstone				
Loose phyllite fragments *Frigid*			Lombard				
F. Organic Materials - Upland	Soils Developed in Organic Materials						
Very shallow to shallow over bedrock *Cryic*			Ricker⌘				
G. Organic Materials - Freshwater	Soils Developed in Organic Materials						
Undecomposed deposits of plant material over 51 inches (peat) *Frigid*							Waskish◆ Vassalboro
Deep, decomposed deposits of plant material over 51 inches (muck) *Mesic*							Catden
Frigid							Bucksport Borohemists Greenwood◆
Deep, decomposed deposits of plant material over 51 inches (mucky peat) *Frigid*							Meadowsedge
Organic materials 16-51 inches over sand or loamy sand *Mesic*							Timakwa
Frigid							Pondicherry Chocorua
Organic materials 16-51 inches over loamy materials *Mesic*							Natchaug
Frigid							Wonsqueak Ossipee
H. Organic Materials - Tidal Flat	Soils Developed in Organic Materials						
Organic materials greater than 51 inches *Mesic*							Ipswich
Organic materials less than 51 inches over sandy materials *Mesic*							Matunuck Pawcatuck
Organic materials 16-51 inches over silty materials *Mesic*							Westbrook

FOOTNOTES

◆ No longer active soil names

⌘ Bedrock controlled soils

◆ Out of MLRA Region R soil