

Niagara County Soil Summary Sheet

Map Symbol	Soil Series and Surface Texture	Natural Drainage	Hydrologic Group	Erosion Factor	POTENTIAL FOR	
					Wind Erosion	Soil Compaction
BAY	Brady - Loamy sand and sand	IMPERFECT	MODERATE	4	2	M
BAY.R	Brady - Loamy sand and sand	IMPERFECT	MODERATE	2	3	M
BFO	Brantford - Silty Clay	WELL	SLOW	2	4	M
BFO.L	Brantford - Silty Clay	WELL	SLOW	2	4	L
BFO.LR	Brantford - Silty Clay	WELL	SLOW	2	4	L
BFO.R	Brantford - Silty Clay	WELL	SLOW	2	4	M
BNG	Bennington - Loamy textures over silty clay	WELL	MODERATE	2	4	L
BNG.R	Bennington - Loamy textures over silty clay	WELL	MODERATE	2	4	L
BOK.S	Brooke - variable textures over bedrock	POOR	SLOW	3	4	H
BOK.V	Brooke - variable textures over bedrock	POOR	SLOW	3	4	H
BOO	Bookton - Sandy textures over silty clay	WELL	MODERATE	2	4	L
BOO.R	Bookton - Sandy textures over silty clay	WELL	MODERATE	2	4	L
BRR	Berrien - Sandy textures over silty clay	IMPERFECT	SLOW	3	4	M
BRR.R	Berrien - Sandy textures over silty clay	IMPERFECT	SLOW	3	4	M
BRR.T	Berrien - Sandy textures over clay loam till	IMPERFECT	SLOW	2	4	M
BRT	Brant - Silt loam	WELL	MODERATE	1	3	L
BRT.R	Brant - Silt loam	WELL	MODERATE	1	3	L
BVY	Beverly - Silty Clay	IMPERFECT	SLOW	3	4	H
BVY.C	Beverly - Silty Clay	IMPERFECT	SLOW	3	4	M
BVY.L	Beverly - Loamy textures pver silty clay	IMPERFECT	SLOW	3	4	M
BVY.LR	Beverly - Silty Clay	IMPERFECT	SLOW	3	4	M
BVY.R	Beverly - Silty Clay	IMPERFECT	SLOW	3	4	H
CGU	Chinguacousy - Clay loam till	IMPERFECT	SLOW	3	3	H
CGU.C	Chinguacousy - Clay loam till	IMPERFECT	SLOW	2	4	M
CGU.L	Chinguacousy - Loamy textures over clay loam till	IMPERFECT	SLOW	2	4	M
CGU.LR	Chinguacousy - Loamy textures over clay loam till	IMPERFECT	SLOW	2	4	M
CGU.R	Chinguacousy - Clay loam till	IMPERFECT	SLOW	3	3	H
CGU.RW	Chinguacousy - Clay loam till	IMPERFECT	SLOW	2	3	M
CGU.W	Chinguacousy - Clay loam till	IMPERFECT	SLOW	2	3	M
CSH	Cashel - Silty clay over clay loam till	WELL	SLOW	3	3	M
CSH.HR	Cashel - Silty clay over clay loam till	WELL	SLOW	3	3	M
CSH.R	Cashel - Silty clay over clay loam till	WELL	SLOW	2	4	M
CSH.W	Cashel - Silty clay over clay loam till	WELL	SLOW	3	3	M
CWO	Colwood - Silt loam	POOR	SLOW	2	3	H
CWO.R	Colwood - Silt loam	POOR	SLOW	2	3	H
FKW.S	Franktown - variable textures over bedrock	IMPERFECT	MODERATE	2	4	M
FKW.V	Franktown - variable textures over bedrock	IMPERFECT	MODERATE	2	4	M
FMB	Flamborough - Fine sandy loam and very fine sandy loam	POOR	SLOW	3	3	H
FMB.B	Flamborough - Fine sandy loam and very fine sandy loam	POOR	SLOW	3	3	H

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FNT	Fonthill - Coarse sandy loam and gravelly sand	WELL	RAPID	4	1	L
FOX	Fox - Sand and loamy sand	WELL	RAPID	4	1	L
FOX.R	Fox - Sand and loamy sand	WELL	RAPID	4	1	L
FRM	Farmington - Variable textures over bedrock	WELL	MODERATE	1	4	L
FRM.S	Farmington - Variable textures over bedrock	WELL	MODERATE	1	4	L
FRM.V	Farmington - Variable textures over bedrock	WELL	MODERATE	1	4	L
GMY	Grimsby - Fien sandy loam and very fine sandy loam	WELL	RAPID	4	2	L
GMY.B	Grimsby - Fine sandy loam and very fine sandy loam	WELL	RAPID	4	2	L
GNY	Granby - Sand and loamy sand	POOR	SLOW	4	2	M
GNY.PR	Granby - peaty material over sand and loamy sand	VERY POOR	SLOW	3	2	M
HIM	Haldimand - Heavy Clay	IMPERFECT	SLOW	3	4	H
HIM.C	Haldimand - Heavy Clay	IMPERFECT	SLOW	3	4	M
HIM.L	Haldimand - Heavy Clay	IMPERFECT	SLOW	3	4	H
JDD	Jeddo - Clay Loam	POOR	VERY SLOW	3	3	H
JDD.L	Jeddo - Loamy textures over clay loam till	POOR	VERY SLOW	3	3	H
JDD.LR	Jeddo - Loamy textures over clay loam till	POOR	VERY SLOW	2	3	H
JDD.R	Jeddo - Clay Loam	POOR	VERY SLOW	3	4	H
JDD.RW	Jeddo - Clay Loam	POOR	VERY SLOW	2	3	H
JDD.W	Jeddo - Clay Loam	POOR	VERY SLOW	2	3	H
LIC	Lincoln - Heavy Clay	POOR	VERY SLOW	3	3	H
LIC.C	Lincoln - Heavy Clay	POOR	VERY SLOW	3	3	H
LIC.L	Lincoln - Heavy Clay	POOR	VERY SLOW	3	4	H
LIC.P	Lincoln - Heavy Clay	VERY POOR	SLOW	3	2	M
MAT	Malton - Silty clay over clay loam till	POOR	VERY SLOW	3	3	H
MAT.H	Malton - Heavy clay over clay loam till	POOR	VERY SLOW	3	3	H
MAT.HR	Malton - Silty clay over clay loam till	POOR	VERY SLOW	3	3	H
MAT.LR	Malton - Silty clay over clay loam till	POOR	VERY SLOW	3	3	H
MAT.R	Malton - Silty clay over clay loam till	POOR	VERY SLOW	3	3	H
MOY	Morley - Silty clay loam and over bedrock	POOR	VERY SLOW	3	3	H
MOY.S	Morley - Silty clay loam and over bedrock	POOR	SLOW	3	4	H
MPW	Maplewood - Loamy textures over over clay loam till	POOR	SLOW	2	3	H
MPW.R	Maplewood - Loamy textures over over clay loam till	POOR	SLOW	3	3	H
MPW.T	Maplewood - Loamy textures over over clay loam till	POOR	SLOW	2	3	H
MPW.TR	Maplewood - Loamy textures over over clay loam till	POOR	SLOW	2	3	H
NGR	Niagara - Heavy clay	IMPERFECT	SLOW	3	4	H
NGR.L	Niagara - Heavy clay	IMPERFECT	SLOW	3	4	H
OID	Oneida - Clay loam	WELL	SLOW	2	4	M
OID.L	Oneida - Loamy textures over clay loam till	WELL	SLOW	2	4	L
OID.LR	Oneida - Loamy textures over clay loam till	WELL	SLOW	2	4	L
OID.R	Oneida - Clay loam	WELL	SLOW	2	4	M

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OID.RW	Oneida - Clay loam	WELL	SLOW	2	4	L
OID.W	Oneida - Clay loam	WELL	SLOW	1	3	L
OTI	Ontario - Heavy clay	WELL	SLOW	3	3	M
PEL	Peel - Silty clay over clay loam till	IMPERFECT	SLOW	3	4	H
PEL.C	Peel - Silty clay over clay loam till	IMPERFECT	SLOW	3	4	M
PEL.H	Peel - Heavy clay over clay loam till	IMPERFECT	SLOW	3	4	H
PEL.HR	Peel - Silty clay over clay loam till	IMPERFECT	SLOW	3	4	H
PEL.L	Peel - Loamy textures	IMPERFECT	SLOW	2	4	M
PEL.LR	Peel - Silty clay over clay loam till	IMPERFECT	SLOW	3	4	M
PEL.R	Peel - Silty clay over clay loam till	IMPERFECT	SLOW	3	4	H
PFD	Plainfield - Fine sand	WELL	RAPID	4	1	L
PFD.D	Plainfield - Fine sand	WELL	RAPID	4	1	L
RVE	Ridgeville - Coarse sandy loam and gravelly sand	IMPERFECT	MODERATE	2	3	M
SHV	Smithville - Heavy clay	WELL	SLOW	3	3	M
SHV.L	Smithville - Loamy textures over heavy clay	WELL	SLOW	2	4	M
SIH	Silver Hill - Sandy textures over silt loam	POOR	MODERATE	2	3	H
TFG	Trafalgar - Silty clay loam over bedrock	IMPERFECT	MODERATE	3	3	H
TFG.L	Trafalgar - Loamy textures over silty clay loam	IMPERFECT	MODERATE	2	4	M
TFG.S	Trafalgar - Silty clay loam over bedrock	IMPERFECT	RAPID	3	4	H
TLD	Toledo - Silty Clay	POOR	VERY SLOW	3	4	H
TLD.C	Toledo - Silty Clay	POOR	VERY SLOW	2	3	H
TLD.L	Toledo - Loamy textures over silty clay	POOR	VERY SLOW	3	3	H
TLD.LR	Toledo - Loamy textures over silty clay	POOR	VERY SLOW	3	3	H
TLD.P	Toledo - Silty Clay	VERY POOR	SLOW	3	2	M
TLD.R	Toledo - Silty Clay	POOR	VERY SLOW	3	4	H
TUC	Tuscola - Silt loam	IMPERFECT	SLOW	2	3	M
TUC.R	Tuscola - Silt loam	IMPERFECT	SLOW	2	3	M
TVK	Tavistock - Loamy textures over silty clay	IMPERFECT	SLOW	3	4	M
TVK.H	Tavistock - Loamy textures over silty clay	IMPERFECT	SLOW	3	4	M
TVK.R	Tavistock - Loamy textures over clay loam till	IMPERFECT	SLOW	2	4	M
TVK.T	Tavistock - Loamy textures over clay loam till	IMPERFECT	SLOW	3	4	M
TVK.TR	Tavistock - Loamy textures over clay loam till	IMPERFECT	SLOW	2	3	M
VIT	Vittoria - Sandy textures over silt loam	IMPERFECT	SLOW	2	3	M
VIT.R	Vittoria - Sandy textures over silt loam	IMPERFECT	SLOW	2	3	M
VLD	Vineland - Fine sandy loam and very fine sandy loam	IMPERFECT	MODERATE	2	3	M
VLD.B	Vineland - Fine sandy loam and very fine sandy loam	IMPERFECT	MODERATE	2	3	M
WAM	Walsingham - Fine sand	IMPERFECT	RAPID	4	2	M
WLL	Welland - Heavy clay	POOR	VERY SLOW	3	3	H
WLL.L	Welland - Heavy clay	POOR	VERY SLOW	3	4	H
WLL.P	Welland - Heavy clay	VERY POOR	SLOW	3	2	M

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WSH	Walsher - Sandy textures over silt loam	WELL	SLOW	1	3	L
WUS	Wauseon - Sandy textures over silty clay	POOR	SLOW	3	3	H