|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parent Material** | Redox Features | SoilSeries | 1st Horizon | 2nd horizon | 3rd Horizon |
|   | Class | Depth |   | Hor | pH | Depth (in)  | color | Text.  | Hor | pH | Depth (in)  | color | Text.  | Hor | pH | Depth (in)  | color | Text.  |
| Glacial Lacustrian | very poorly & poorly  | 0-6 in&6-12 in | Canandaigua | Ap | neutral | 8 | 10YR 3/1 | SiL | Bg1 | neutral | 12 | 10YR 6/2 | SiL | Bg2 | neutral | 19 | 10YR 6/1 | SiL |
|   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  outwash | Exc. Welldrained  | >52  | Chenango | Ap  | Mod Acid  | 8  | 10YR3/2  | Gr SiL  | Bw1  | Str Acid  | 12  |  10YR4/4 |  GrSiL |  Bw2 | StrAcid  | 20  | 10YR4/4  |   |
| Till | Well drained | 32-43in | Bath | Ap | Strongly acidic | 9 | 10YR 3/2 | SiL | Bw1 | Mod acid | 14 | 10YR 5/6 | SiL | Bw2 | Mod acid | 20 | 10YR 5/4 | SiL |
| Loamy till | Somewhat poorly drained | 12-20in | Erie | Ap | Strong to slightly | 9 | 10YR 3/2 | SiL | E | Mod acid | 13 | 2.5Y 6/2 | SiL | Bx1 | Slightly acid | 27 | 10YR 4/3 | SiL |
| Till | Mod well | 20-32in | Langford | Ap | Strongly acid | 9 | 10YR 4/2 | SiL | Bw1 | Strong acid | 15 | 10YR 5/4 | SiL | Bw2 | Strong acid | 21 | 10YR 5/4 | SiL |
| Lacustrian | Poorly drained | 6-12in | Madalin | Ap | Slightly | 6 | 10YR 3/1 | SiCL | Btg1 | Slightly acid | 11 | 10YR 4/3 | SiC | Btg2 | Slightly acid | 20 | 10YR 4/2 | SiC |
| Lacustrian | SomewhatPoorly drained  | 12 -20  | Rhinebeck | Ap  | neutral  | 9  |  10YR3/2 |  SiL | Eg  | neutral  | 14  |  10YR5/2 |  SiC |  Bt1 | neutral  | 23  | 2.5Y5/3  | SiC  |
| Till(lateralMoraine)  | Well drained  |  32 - 42 | Valois | Ap  | Str acid  |  7 | 10YR4/3  | Gr.loam  |  Bw1 | Str acid  |  30 | 7.5YR5/6  | Gr.Loam  | Bw2  | Str acid  | 47  | 10YR 4/3  | Gr.SiL  |
|  |