| 1 / 60 | Age | Form | Mem | Lithology | Lithologic description | Comments | Box |
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| 1–13 | Pleistocene | | | | TILL, gray, very stony but mostly matrix supported Clasts are angular fine pebbles to cobbles Matrix is silty fine sand | Lodgment till | |
| 14–22 | | | Seneca | | Limestone, dark gray to black lime mudstone with some chert, fossiliferous (chonitid, stylolinid-rugose coral bearing) | Breaks-14 3 (H), 14 7 (H), 15 9 (H), 16 7 H, shale parting), 18 5-18 9 (L,60), 19 1 & 19 7 (H, shale parting), 20 0 (H), 20 2 & 22 0 (H, shale parting), 22 1 (Bentonite washed away?) | 1, 2 |
| 22 | | | | | Tioga Bentonite (B) | | |
| 23 | | | | | Calcareous black shale | | |
| 24–36 | | | | | Limestone, medium gray, with thin shaly beds, some dark gray chert The basal part contains scattered fossil debris and the upper part becomes more fossil rich (mostly brachipods) | Breaks- 23 7 H, broken), 24 3 (H, mineral deposits, solutioned), 25 5 & 26 0 (H, shale parting), 26 4, 26 7 & 28 0 (H, shale parting), 29 4 (H), 29 4-31 4 (V), 30 4, 30 8 & 31 4 (H), 32 4 & 34 2 (H, shale parting), 35 0 (L, 60), 35 4 (H), 37 9 (L, 30), 39 5 & 39 8 (H), 41 2 (H(, 42 8 (L,20), 43 1 (H, weathered residue and grains), 43 4 (L, 20), 44 8 (H), 50 0 H, shale parting), 51 7 (H, mineral deposits), 52 0 (H), 54 3-54 6 (L, 40), 55 8 (H), 56 3- 57 0? (broken shale) | 2, 3 |

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| 37 | Middle Devonian | Onondaga Formation | Moorehouse | | | | |
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| 56 | | | | | Top of Nedow is at top of upper of two black to dark gray shaly limestone marker beds (Brett and Ver Straeten, 2000) Thin, interbedded medium gray shale and grey, argillaceous, noncherty limestone | Breaks- 58 4 (H, shale parting), 59 9 (H), 61 5 (H, shale parting), 62 5, 64 4, 65 2, 65 7 & 66 2 (H), 66 6 (H, broken) No significant water-transmitting zones | |
| 57 | | | | | | | |
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| 60 | | | | | | | |
| 61 | | | Nedrow | | | | |
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| 67 | | | | | | | |
| 68 | | | | | Thick bedded to massive, light grey limestone Crinoidal debris and rugose corals Erosional unconformity at bottom of unit | Breaks- 67 8 (H, weathered residue with grains), 69 6 (L, 10), 71 2 (H), 72 3 (H) | |
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| 72 | | | Edgecliff | | | | 7 |
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| 77 | Lower Devonian | Manlius Formation | Olney | | 76 8 - 89 8 ft- Thin Beddite Subfacies (Demicco, and others, 1992), centimeter thick limestone (mudstone) separated by distinct, wavy dark gray to black dolomitic and shaly partings Erosion surface at 89 8 ft Fossiliferous- skeletal debris, brachipods 89 8 - 101 3 med light to medium gray planar laminated dolostone 101 3 - 103 5 disturbed bedded dolostone, some layers of clasts, peloids grainstone 103 5 - 106 2 Shaly dolostone, planar laminated 106 2 - 110 3 Dolostone 110 3 - 111 4 Thrombolite mass? 11 4 - 113 6 Medium to dark gray dolostone, planar laminated except at bottom were it becomes wavy | Breaks- 78 5 (H), 79 3 (L, 60), 79 6 - 80 1 (V), 80 1 (H), 81 0 (H), 81 0 - 81 4 (V), 81 4 (H, weathered residue, grains), 81 6 (H, shale parting), 82 0 (H), 82 8 & 83 3 (H, shale parting), 84 5 (H), 84 6 (H, shale parting), 84 7 (H), 88 4 & 89 2 (H, shale parting) 89 8 - 90 0 (L, 60), 92 5 (H, shale parting), 92 6-93 3 (L, 80, mineral deposits), 93 3 (H, mineral deposits), 94 0 (H), 94 4 (H, mineral deposits, solutioned), 94 5 - 94 8 (L, 65, stained), 95 2 (H), 96 1 (H, shale parting), 97 6 - 97 7 (L, 35), 101 3 (H, shale parting), 102 1 & 102 6 (H, shale parting), 102 8 (H), 103 5 - 103 7 (broken shaly zone), 103 8 - 104 2 (L, 80), 104 2, 105 0, 105 5 & 105 7 (H), 106 0 (H, weathered crumply shale), 108 7 & 109 5 (H), 112 0 - 112 7 (L, 80, tight), 113 3 (H), 113 6 (shale parting) | 8 |
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| 114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147 | Silurian | Rondout Formation | Chrysler | | 113 8 - 122 0 medium gray, thinly laminated, shaly dolostone (highly fractured along planar shale beds) 122 0 - 130 0 - massive, medium-light gray dolostone No fossils Cyrstalline texture Brittle- fractured- both vertical and horizontal 130 0 - 139 4 massive-bedded, medium-gray dolostone, irregular bedding, contains irregular wispy black markings due to local concentration of a black mineral or bituminous(?) material 139 4 - 147 4 more evenly bedded (but disturbed in many places), fine-grained, gray dolostone, bottom bedding becomes more wavy and calcareous | Breaks- 113 8 - 116 2 (H, highly fractured zone along shale partings), 117 2 (H), 117 8 (L, 10, shale parting), 118 5 - 118 8 (H, highly fractured zone along shale partings), 119 4 (H), 119 7 & 120 0 (H, shale parting), 121 5 (H, weathered shale), 121 9 - 122 2 (H, shale parting), 123 1 - 123 4 (H, 70), 123 4 (H), 123 8 (H, shale parting), 125 0 (L, 10), 126 2 - 127 4 (L, 80), 128 4 (H), 129 0, 129 1, & 129 3 (H, tr mineral deposits), 129 8 (H), 130 6 & 130 9 (L, 20, mineral deposits), 131 8 (H, shale parting), 133 0 - 133 2 (L, 20, mineral deposits), 134 0, 135 3, 136 4, 138 2 & 139 4 (H, shale parting), 139 5 - 139 9 (L, 65, mineral deposits), 141 8 (H, shale parting), 142 7, 142 9, 143 1, & 145 5 (H), 145 9 (H, crumbly shale) | 12<br>13<br>14 |
| 148 | | | | | Dolomitic limestone- medium gray, medium bedded, wavy dark gray-black laminates, fossiliferous | Breaks- 149 0 (H), 150 3 (H, shale parting), 152 6 (H, 10), 155 8 - 156 9 (L,30), 157 0 (H), 160 8 (H) | |

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| 149 | Upper | Cobleskill F | Cobleskill | | | | 15 |
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| 162 | | Bertie Group | Oxbow | | Dolostone (waterlime)- fine-grained, thin bedded, light to medium gray, fossils are rare Upper part seems to transition to overlying Cobleskill Limestone | Breaks- 161 6 (H, shale parting), 163 0 - 163 2 (H, crumbly shale), 168 5 (H), 169 0 (H, top of an 1 inch thick black shale bed) | 16 |
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| 169 | | | Forge Hollow | | Gypsiferous shaly dolostone and dolostone-mineraliferous, a few tace fossils, zones of solutioning 169 1-174 4 light gray dolostone, vuggy with mineral deposits 174 4-176 7 Dark gray shaly dolostone, highly solutioned, 176 0-176 5 void 176 7 -187 0 Dolostone with some shaly beds 187 2 -187 6 Soft gray clay 187 2 - 188 0 Dolostone | Breaks- 170 6, 171 0, & 171 9 (H), 172 1 (large vuggy fracture with mineral deposits), 172 5-172 7 (broken zone), 172 8-173 4 (almost entirely gypsum with a few thin shale beds), 173 8 (H), 174 1, 174 4 & 174 7 (H, solutioned), 1175 0, 175 3, 175 5, & 175 8 (H), 176 0-176 5 void, 176 8 (H, bottom of gypsiferous shaly zone), 177 1 (H), 178 5 & 179 0 (H, shale parting), 180 5 & 180 7 (H), 182 0 - 1822 4 (broken), 183 3 & 184 4 (H), 185 2 (H, shale parting), 185 4 (H), 186 0 (H, mineral deposts), 186 6, 187 2, & 187 4 (H), 187 9 (top of soft clay) | 17 |
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