

Top.	Bottom.	Thickness.	
1968 - 1973	5	Shale and coarse siltstone, gray	
1973 - 1978	5	Siltstone, gray, sandy	
1978 - 1987	9	Shale, red, silty, 60%; light-green coarse siltstone, 40%	
1987 - 2007	20	Shale, red, silty	
2007 - 2014	7	Siltstone, red	
2014 - 2022	8	Shale and siltstone, red, 70%; light-green coarse siltstone, 30%	
CHEMUNG, PORTAGE, AND GENESSEE FORMATIONS, 5568 FEET			
2022 - 2044	22	Shale and siltstone, gray to grayish-green	
2044 - 2074	30	Shale, gray, with a little siltstone	
2074 - 2101	27	Shale and siltstone, gray	
2101 - 7400	5299	Samples not examined (same at 3848-3861')	
7400 - 7510	110	Shale, very dark gray, slightly calcareous	
7510 - 7590	80	Shale, black; also considerable amounts of shale of various shades of gray	
TULLY LIMESTONE, 40 FEET			
7590 - 7610	20	Limestone, brownish-gray, very fine textured; the two samples on this interval are mostly shale of various shades of gray, with only a little limestone	
7610 - 7630	20	Limestone, brownish-gray, very fine textured; also some gray shale	
HAMILTON AND MARCELLUS SHALES, 525 FEET			
7630 - 7700	70	Shale, gray to dark-gray; also some limestone, probably from above	
7700 - 7840	140	Shale, gray to dark-gray	
7840 - 7850	10	Shale, black, slightly calcareous	
7850 - 7900	50	Shale, gray to dark-gray, slightly calcareous	
7900 - 8120	120	Shale, black, partly calcareous	
8120 - 8155	35	Shale, black, calcareous, with a little gray to dark-gray limestone	
HUNTERSVILLE CHERT, 95 FEET			
8155 - 8195	40	Chert, light-gray and dark-gray	
8195 - 8235	40	Shale, dark-gray to black, and dark-gray chert	
8235 - 8250	15	Chert, gray, silty and calcareous (samples are mostly shale)	
ORISKANY SANDSTONE, 135 FEET			
8250 - 8270	20	Sandstone, light-gray, fine- to medium-grained (very little sandstone in samples)	
8270 - 8324	54	Sandstone, gray to dark-gray, fine- to medium-grained, mostly calcareous	
8324 - 8354	30	Sandstone, white to light-gray, fine- to medium-grained, less calcareous than interval above	
8354 - 8379	25	Sandstone, light-gray, fine, mostly highly calcareous (all of the samples from the Huntersville Chert and those from the Oriskany down to this depth are so much contaminated with shale that no detailed description is possible)	
8379 - 8385	6	Sandstone, gray, very fine, highly calcareous	
HELDENBERG LIMESTONE, 18+ FEET			
8385 - 8399	14	Limestone, gray, very sandy and slightly cherty	
8399 - 8403	4	Limestone, dark-gray, very silty; last sample, labelled 8401-8403', contains several fragments of gray to white, fine sandstone which is not present in the last few samples above this	
8403		Total depth, corrected to 8410'	

very fine
sandy,
70%; red
shale
light-red,
very fine
sandy
very fine
very fine