

767	780	Shale, light gray brown to dark gray brown, pyritic
780	918	" " " " " " " " " " , 80%, siltstone, gy., Mic. 20%
918	950	Siltstone, light gray, mic., some qtz. fract. fillings.
950	1020	Shale, lt. gy. 80%, siltstone gy. mic. 20%
1020	1037	Shale, lt. gy. 50%, siltstone gy. mic. with some qtz. fract. fill. 50%
1037	1390	Shale, lt. gy. 80%, siltstone gy. mic. 20%
1390	1440	Shale, lt. gy. 50%, siltstone gy. mic. 50%
1440	1471	Siltstone, lt. gy. 90%, shale lt. gy. 10%
1471	1510	Siltstone, cse. calc. lt. gy., some fracture fillings calcite
<u>Base Portage 1510' and Top Genesee</u>		
1510	1655	Shale, dk. gy. to blk. calc., a few calc. fracture fillings.
<u>Top of Hamilton 1655'</u>		
1655	1728	Shale, med. to dk. gy., slightly lighter than above calc., a few grains of calc. brown shale at 1655'
1728	1940	Shale, blk. calc., calc. fract. fillings, pyritic.
1940	1950	Shale, blk. calc., calc. fract. fillings, pyritic 90%, shale, lt. gy. bro. very calc. 10%
1950	2047	Shale, lt. gy. bro., med. bro. & dk. bro. calc.
<u>Top of Marcellus 2047'</u>		
2047	2160	Shale, blk. twisted, slickensides (looks like marc. on outcrop) calc. fract. fillings
2160	2620	Shale as above 30% (sh. dk. gy. to blk. 70% actually blk. but more reflecting surfaces) a large amount of large cal. fracture fillings.
2620	2630	Shale, dk. bro. to blk. 50% shale med. gy. bro. calc. 50%
2630	2645	Shale, as above with clear calcite fillings.
2645	2869	Shale, blk. with cal. fract. fillings
<u>Top of Onondaga 2869'</u>		
2869	2898	Shale, blk. with cal. fract. fillings 70% with metabentonite 30%
2898	2946	" " " " " " "
2946	3012	" " " " " " 80%, shale lt. gy. calc. 20%

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3012	3036	Shale, blk. with cal. fract. fillings.
		<u>Top Oriskany 3036'</u>
3036	3048	Sandstone, med. to cse. rounded, well cemented tight with calcareous <sup>Cement</sup> 15% calcite fract. filling.
3048	3051	Sandstone, fine to cse. well cemented tight calc. fract. fillings 20%
3051	3060	Missing
3061	3172	Sandstone, med. to conglom. very calc. tight, fract. filling 50%
3072	3077	Sample missing