

Seneca County  
Big Springs Township  
Section 4 (SW $\frac{1}{4}$ )

Brinkerhoff  
Smith #2  
Permit No. 131  
Sample No. 1532  
Elevation (DF) 833 feet

Depth (ft)

- 1398 - 1404 Shale, black. Limestone, brown, microgranular, compact, organic, dolomitic, ostracods, 10-12%. Chert, brown, 1%  
TRENTON at 1406 feet (GRN)
- 1404 - 1415 No samples
- 1415 - 1434 Limestone, as above, light brown pieces of pelmatozoans and brachiopods. Chert as above; part light gray, 1%
- 1434 - 1450 Limestone as above. Limestone, light brown, medium to coarse, some compact matrix, dolomitic, sparry calcite, 20-25%.  
Chert as above, 1%
- 1450 - 1465 Limestone as above, light brown, black shale partings. Chert as above, 1 to 2%
- 1465 - 1477 Limestone as above; partings. Chert as above, trace
- 1477 - 1498 Limestone, light-brown to brown, microgranular to fine-grained, fossil generally crystalline appearing; brown to black shale partings. Chert as above, trace
- 1498 - 1515 Limestone as above, bryozoans. Chert as above 1 to 2%
- 1515 - 1528 Limestone, light-brown to brown, lithographic, sparry calcite in veins and pockets, argillaceous; gray to green-gray shale partings. Limestone as above, 10 - 15%. Chert as above 1%. Shale, light-gray, soft, expanding in water, 1%.  
BLACK RIVER at 1516 feet GRN
- 1528 - 1545 Limestone as above, lithographic; finely crystalline dolomitic in part.

THE DIVISION OF GEOLOGICAL SURVEY MAKES  
NO AFFIRMATION CONCERNING THE COMPLETENESS  
AND ACCURACY OF THIS INFORMATION.