

COUNTY: Scott
VDMR Well #: W-801

Well: Sayler Branch #2
Farm: W. D. Sayler
Driller:
Location: N.W. 1/9 of Mendota Quadrangle

Elevation: ?
Total depth: 46.2'
Started drilling: Finished drilling:
Sample description by: E. K. Rader, Virginia Division of Mineral Resources
References: Core obtained from U.S. Steel Company

GEOLOGIC SUMMARY

Depth	Thickness	Formation (and remarks)
0.0'-9.0'	9'	No samples received
9.0'-46.2'	35.2'	Beekmantown formation: medium to light gray, fine-grained, porous dolomite; chert at 22.3', 25.9', and 38.7'
0-9	9.0'	No core
9-12.3	3.3	Dolomite, light to medium gray, fine- grained, conglomeratic 12' to 12.3'; poor core recovery 9' to 12'; fractured, white dolomite and minor calcite in fractures
12.3-14.0	1.7'	Dolomite, dark gray to tan, fine-grained, reddish brown to black laminae and stylolites
14.0'-21.9'	8.5'	Dolomite, light to medium gray, fine- grained, reddish brown to black laminae
21.9'-22.6'	0.7	Dolomite, light to medium gray, fine- grained
22.6'-23	0.4	Dolomite, dark gray to tan, mottled, fine-grained, light gray chert at 22.7'.
23.-24	1.0	Dolomite, light to medium gray, fine- grained

Depth	Thickness	Formation (and remarks)
24-28	4.0	Dolomite, medium to dark gray, fine-grained; gray chert nodule at 25.9'.
28-32.2	4.2	Dolomite, medium gray to tan, fine-grained, black laminae
32.2-33.7	1.5	Dolomite, medium gray, fine-grained, black laminae
33.7-36	2.3	Dolomite, light gray, fine-grained
36-38.7	2.7	Dolomite, medium gray, fine-grained with minor tan dolomite
38.7-39.3	0.6	Chert, light gray to white
39.3-41.4	2.1	Dolomite, light gray, fine-grained
41.4-46.2	4.8	Dolomite, light to medium gray, fine-grained, very porous 44.5'.