

OWNER: Long Feed Company, Inc.
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Shenandoah (Quicksburg)

VDMR #1385
WWCR #214
TOTAL DEPTH: 151'

GEOLOGIC LOG

Conococheague Formation (0-151')

- 0-82 Limestone and Sandstone — dark-gray, fine-grained limestone; orange-brown, fine- to coarse-grained sandstones; minor light-gray fine to coarsely crystalline dolomite, chert and iron oxide nodules; trace vein epidote and quartz.
- 82-92 Sandy Limestone — medium-dark to dark-gray aphanogranular; brownish silty bands, minor orange-brown fine- to coarse-grained sand, sandstone and chert; a small portion of the limestone is leached to a buff color.
- 92-106 Limestone — light-brown to pale-orange, fine-grained to medium crystalline limestone; minor medium- to medium-dark-gray aphanogranular limestone, medium-dark-gray chert; trace clay concretions.
- 106-121 Sandy Limestone — light-brown to medium-dark-gray, finely crystalline; banded with fine sandstone; milky to light gray chert; minor orange- to medium-brown, medium-grained sandstone; trace coarse-grained sandstone.
- 121-136 Cave Filling — brown, pale orange-brown to red-brown; fine- to very-coarse-grained sandstone, well sorted; cream- to dark-gray chert; minor light-brown to medium-dark-gray, fine-grained banded limestone; most of the darker sandstone fragments are well rounded.
- 136-151 As above.
- 136-151 As above — less rounding of fragments possibly because larger pebbles and boulders are cut up by the drill near bottom of cave.

GEOLOGIC SUMMARY

ROCK UNIT

Conococheague Formation
(Cave from approximately 130' to
bottom of well)

TIME ROCK UNIT

Upper Cambrian