

OWNER: HEARTY VA. INC.
DRILLER: SYDNOR PUMP & WELL CO.
COUNTY: SHENANDOAH

VDMR # 603
WWCR # 181
DEPTH: 304

SAMPLE EXAMINATION
(unwashed)

0-14 Mudstone - yellow with some white streaks, soft, argillaceous, silty

14-30 Mudstone with Sand and Gravel - yellow mudstone with some white streaks, soft, argillaceous, fine grained quartz sand, subrounded to rounded gravel

30-50 Quartzite Gravel - white and maroon (iron stained), hard, medium grained, siliceous cement, well rounded quartz sand grains composing subrounded gravel, slightly permeable

50-70 as above

70-90 Sandstone - orange (iron stained), hard, argillaceous, iron cement, fine grained quartz, rounded, some gravel (Bedrock in this Interval)

90-110 Sandstone - orange (iron stained), hard, argillaceous, iron cement, fine grained quartz, rounded, some gravel

130 Limestone - black, hard, highly calcareous, fine grained, trace of small calcite veins

130-150 Mudstone with Sand and Gravel - orange mudstone, soft, argillaceous, fine grained quartz sand, subrounded to rounded gravel

150 Limestone - black, hard, highly calcareous, fine grained with 5% yellow, calcareous, sticky, arenaceous siltstone

150-170 Mudstone with Sand and Small Amount of Gravel - Orange mudstone, soft, argillaceous, fine grained quartz sand, subrounded to rounded

210 Limestone - black and light gray with yellow streaks, hard, moderately calcareous, fine grained, silty

230 as above

270 as above

290 Limestone - black and light gray, hard, moderately calcareous, fine grained, silty

290-304 No Samples

OWNER: HEARTY VA., INC.

#603

GEOLOGIC SUMMARY

AGE

Ordovician

FORMATION OR UNIT

Conococheague limestone

Virginia Division of Mineral Resources
Merrick S. Whitfield, Geologist
July 25, 1962