

Owner: Shenandoah National Park
Skyland Well #2
Driller: Valley Drilling Corp.
County: Page

VDMR #592
WWCR #52
Depth 233 feet

SAMPLE EXAMINATION
(washed)

29 - 31	Phyllite and quartzite: white to tan stained
31 - 38	Phyllite: white to light green with abundant quartz grains
38 - 52	Phyllite: as above
52 - 56	Quartzite and phyllite: white to colorless, minor pinkish quartz
56 - 62	Quartzite: white to pinkish quartz
62 - 67	Quartzite: white to tan, some with greenish cast
67 - 75	Quartzite: as above
75 - 80	Quartzite: as above
80 - 85	Quartzite: white quartz grains in definite greenish colored matrix
85 - 90	Quartzite: as above
90 - 95	Quartzite: as above
95 - 100	Quartzite: white with pink and greenish colored quartz
100 - 105	Quartzite: white to pinkish, minor green
105 - 110	Quartzite: as above
110 - 115	Quartzite: as above
115 - 120	Quartzite: greenish and pink
120 - 132	Quartzite: pink and green, some epidote minor feldspar
132 - 135	Quartzite: As above
135 - 140	Quartzite: As above

140 - 147	Quartzite: As above
147 - 150	Quartzite: As above
150 - 155	Quartzite: As above
155 - 160	Quartzite: Pink with minor green
160 - 165	Quartzite: Pink and green
165 - 170	Quartzite: As above
170 - 175	Quartzite: As above
175 - 177	Quartzite: As above
177 - 180	Quartzite: As above
180 - 185	Quartzite: Pink with minor green and much epidote
185 - 189	Quartzite: As above
189 - 195	Quartzite: As above
195 - 200	Quartzite: As above
200 - 205	Quartzite: As above
205 - 215	Quartzite: As above
215 - 220	Quartzite to arkose: Pink with minor green, much feldspar
220 - 225	Quartzite to arkose: As above
225 - 230	Quartzite to arkose: As above

GEOLOGIC SUMMARY

Overburden 0 - 29 feet	
Precambrian Swift Run (upper unit) Bedrock @ 29'	+3471
Precambrian Swift Run (lower unit) @ 56'	+3444

REMARKS

53 ft. - reamed, set 39.5 ft. of casing
Caving 56 ft. 20 gal. per minute
Caving of phyllite, 64 ft. - 23 gal. per minute

Caving 67 ft. - 25 gal. per minute
75 ft. - 25 gal. per minute
78 ft. - set 11 ft. 11 in. casing
85 ft. - 34 gal. per minute
90 ft. - 30 gal. per minute
120 ft. - 30 gal. per minute
135 ft. - 50 gal. per minute
140 ft. - 50 gal. per minute
150 ft. - 44 gal. per minute
155 ft. - 44 gal. per minute
177 ft. - 38 gal. per minute
180 ft. - 38 gal. per minute
185 ft. - 34 gal. per minute
194 ft. - 44 gal. per minute
220 ft. - 55 gal. per minute
225 ft. - 60 gal. per minute
230 ft. - 55 gal. per minute
233 ft. - 60 gal. per minute
Total Depth: 233 ft.
Grouted: 6/28/61
Static level: 6/28/61 - 24.5 feet

VIRGINIA DIVISION OF MINERAL RESOURCES
H. R. Hopkins, Geologist
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