

Owner: Shenandoah National Park
Skyland Well #1
Driller: Valley Drilling Corp.
County: Page

VDMR #591
WWCR #51
Depth 70.1 feet

SAMPLE EXAMINATION
(washed)

0 - 21	Overburden: Greenstone, phyllite, quartzite
21 - 22	Quartzite: White to pale purple
22 - 27	Quartzite: As above
27 - 32	Quartzite: Pale pink
32 - 37	Quartzite: Dark grains present, pale pink
37 - 38	Quartzite: White-pinkish tan, decrease in dark grains
38 - 40	Quartzite: Trace of epidote
40 - 45	Quartzite: Trace of siltstone
45 - 50	Quartzite: Pale purple to white, some epidote
50 - 52	Quartzite: Pink to white, some epidote
52 - 57	Quartzite: Pink to white, trace of maroon quartzite
57 - 62	Quartzite: Dark red cast, trace of feldspar
62 - 67	Quartzite: As above
67 - 70	Quartzite: As above

GEOLOGIC SUMMARY

Overburden: 0 - 21 feet
Precambrian Swift Run (lower unit) Bedrock at 21 feet +3346

REMARKS

Bedrock at 21 feet
Considerable caving 22 - 27 feet
Water, 2 gal. per minute 37 - 38 feet

47 feet - 2 gal. per minute
49 feet - 3.3 gal. per minute
50 - 52 feet - Reamed to 27 ft. , casing to 29 ft., changed bit
from 6.25 to 6.00 in.
54 feet - 15 gal. per minute, drill speed 7 ft. per hr.
57 - 62 feet - Water clearing after casing off overburden
63 feet - 7 gal. per minute
70 feet - 7 gal. per minute
TOTAL DEPTH: 70.1 feet
Grouted: 6/28/61
Static level: 6/18/61 = -19.7 feet
6/26/61 = -21.75 feet
7/6/61 = -22.6 feet

VIRGINIA DIVISION OF MINERAL RESOURCES
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