## INTERVAL SHEET

	211.		
Page 1		VDMR Well No.: 591	-
Date 11-3-61		Sample Interval: from 21 to 6	57
PROP: Nat. Pa	rk Service Skyland #1	Total depth 70./	
(Test # COMP: Valley		Test OilGasXWXX_X X Exp	loratory
COUNTY: Page		Cuttings X Core Other	
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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	n: 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 Laurence H. Gardner II, Geologist June 20, 1961