WATER-RIGHT DOCKET

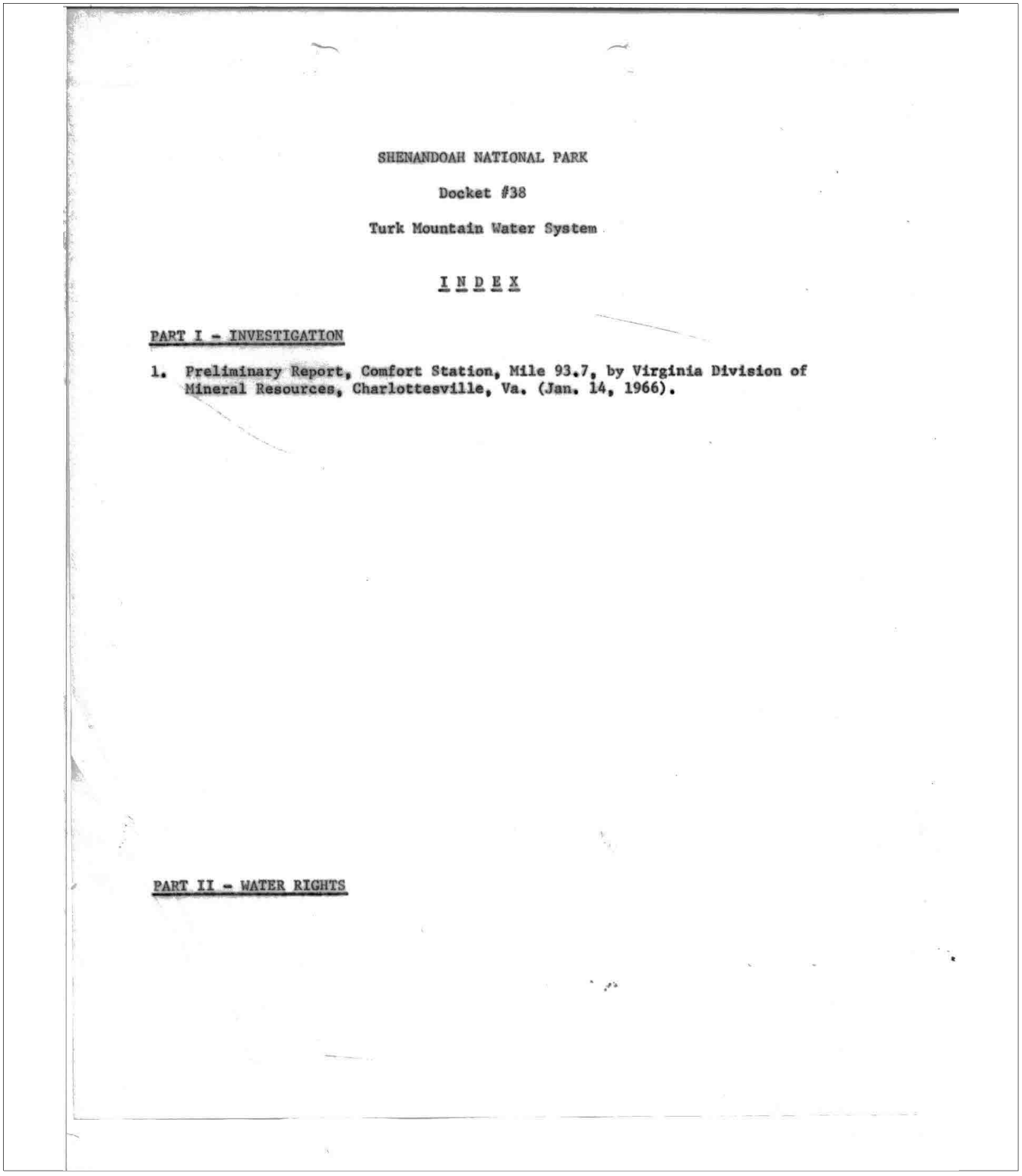
Shenandoah National Park

Docket No: 21

UNNAMED SPRING AT TURK MOUNTAIN WATER SYSTEM

Preliminary Docket Information

00-00-0000: docket #38: turk mountain water system index



SHENANDOAH NATIONAL PARK

Docket #38

Turk Mountain Water System

I N D E X

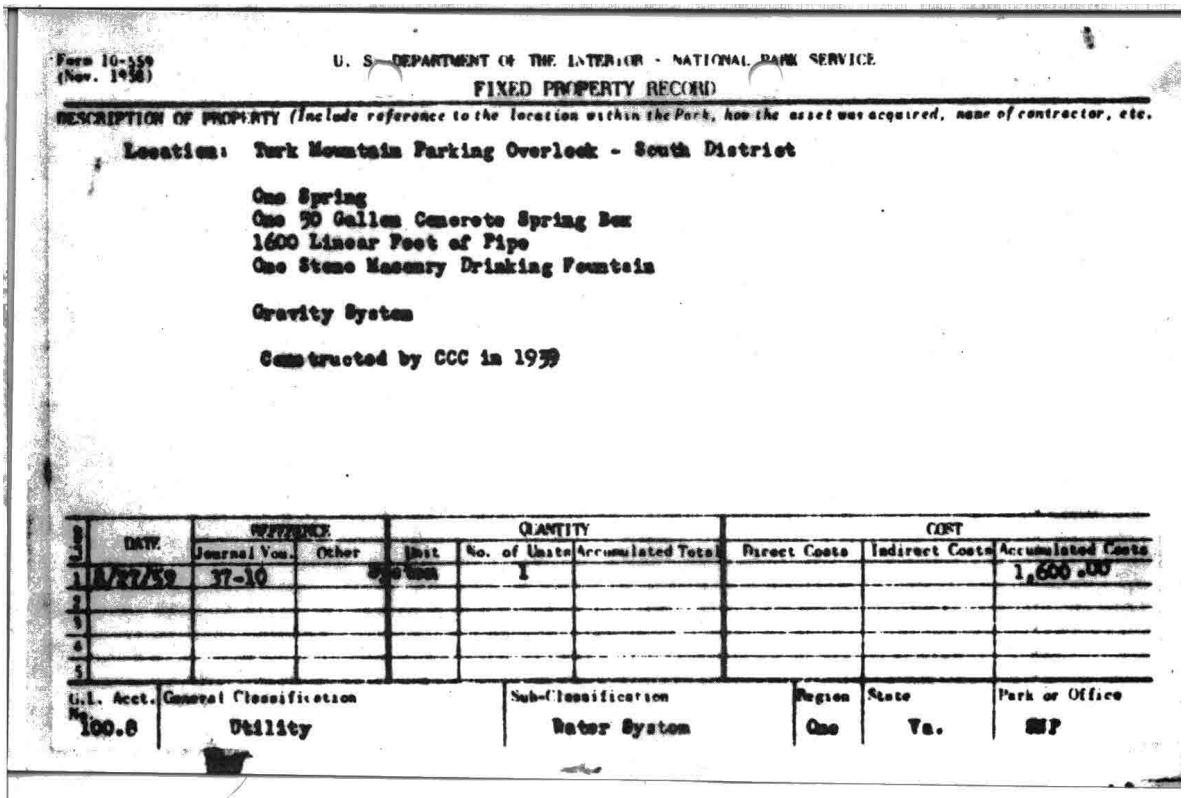
PART I - INVESTIGATION

1. Preliminary Report, Comfort Station, Mile 93.7, by Virginia Division of Mineral Resources, Charlottesville, Va. (Jan. 14, 1966).

PART II - WATER RIGHTS

Land History

00-00-0000: fixed property record



Form 10-550
(Nov. 1938)

U. S. DEPARTMENT OF THE INTERIOR - NATIONAL PARK SERVICE

FIXED PROPERTY RECORD

DESCRIPTION OF PROPERTY (Include reference to the location within the Park, how the asset was acquired, name of contractor, etc.

Location: Turk Mountain Parking Overlook - South District

One Spring
One 50 Gallon Concrete Spring Box
1600 Linear Feet of Pipe
One Stone Masonry Drinking Fountain

Gravity System

Constructed by CCC in 1939

Line	DATE	REFERENCE		QUANTITY			COST		
		Journal Voc.	Other	Unit	No. of Units	Accumulated Total	Direct Costs	Indirect Costs	Accumulated Costs
1	12/27/39	37-10		[illegible]	1				1,600.00
2									
3									
4									
5									

U.L. Acct. No.	General Classification	Sub-Classification	Region	State	Park or Office
100.8	Utility	Water System	One	Va.	SNP

Other Supporting Information

Shenandoah National Park
COMFORT STATION, MILEPOST 93.7
Preliminary Report

Contract No. 14-10-0137-0185

In accordance with item 1d of Contract No. 14-10-0137-0169 this Division was requested by letter (R. T. Hoskins, Superintendent, October 14, 1964) to conduct field investigations for the presence of springs within a one-mile radius of Milepost 93.7. As electric power is not available in this area it is necessary that the springs occur at elevations higher than Milepost 93.7 so a gravity-feed water system can be constructed to the proposed Comfort Station. Thorough investigations of the prescribed area were conducted on October 27, 1964, and Superintendent Hoskins was informed by letter dated October 29, 1964 that no perennial springs are present. Accordingly, additional field investigations for the location of test-hole drilling sites within a 3/4-mile radius of Milepost 93.7 were requested in item 1c of the current contract, dated September 2, 1965.

Geology and Hydrology

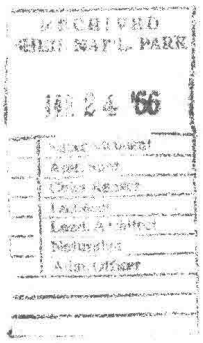
This Comfort Station Area is entirely underlain by the Weverton Formation that is composed of quartzite, siltstone, phyllite and conglomerate rocks, some of which posses favorable water-bearing characteristics for moderate to large quantities of ground water in areas of favorable recharge. As the recharge conditions in the area studied are poor, wells of only small yields can be anticipated. Test drilling will be required to obtain subsurface hydrogeologic data at selected sites in order to delineate the most favorable sites and depths for water wells. Because only a small quantity of water is required for the Comfort Station, it is possible that one of the test holes can later be developed into a water well.

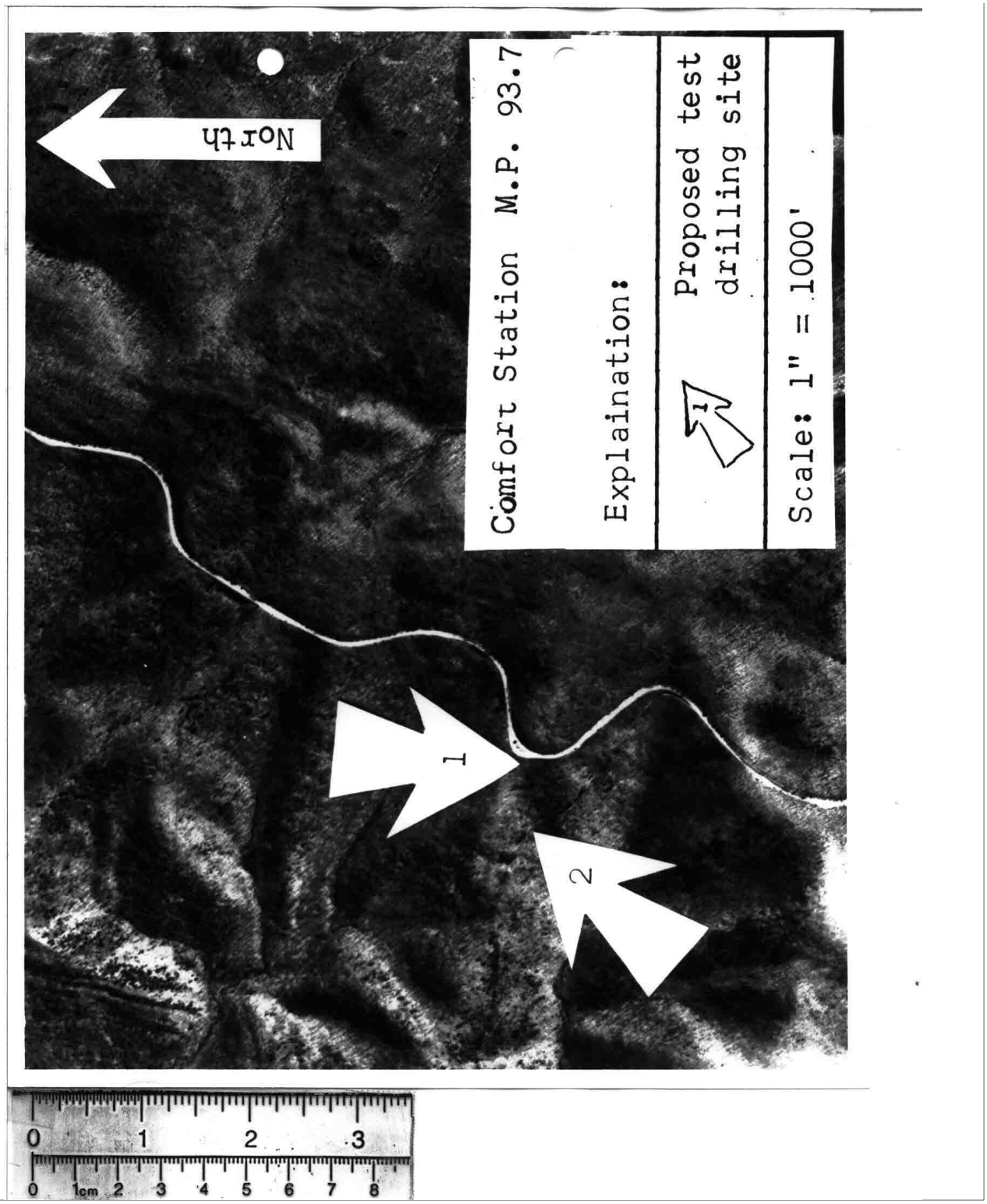
Test-Hole Recommendations

The locations of two proposed test-hole sites have been plotted on the attached copy of an aerial photograph. Because of the topography and dense vegetation within the prescribed area it has been necessary to select drilling sites on the basis of reasonable access for a drilling rig rather than optimum conditions for the occurrence of perennial ground-water supplies.

Test-Hole Site #1 is located on the west side of Skyline Drive, at the south end of Turk Mountain Overlook; Test-Hole Site #2 is located on the north side of the Crimora Fire Road approximately 2250 feet west of its intersection with Skyline Drive. Test holes at each of these sites will encounter 10 to 25 feet of overburden before penetrating sedimentary strata of the Weverton Formation. The recommended drilling depth at each site is 500 feet. The data obtained will be utilized for the location of a water-well site unless an adequate perennial water supply can be produced from one of the test holes.

Virginia Division of Mineral Resources
Charlottesville, Virginia
January 14, 1966


RECEIVED
GLAC NAT'L PARK
JAN 24 '66


North
Comfort Station M.P. 93.7
Explaination:
Proposed test drilling site
Scale: 1" = 1000'
1
2
0 1 2 3
0 1cm 2 3 4 5 6 7 8

VIRGINIA DIVISION OF MINERAL RESOURCES
James L. Calver, Commissioner
P. O. Box 3667
Charlottesville, Va. 22903

SHENANDOAH NATIONAL PARK

Report of Bacterial Examination of Sample of Water

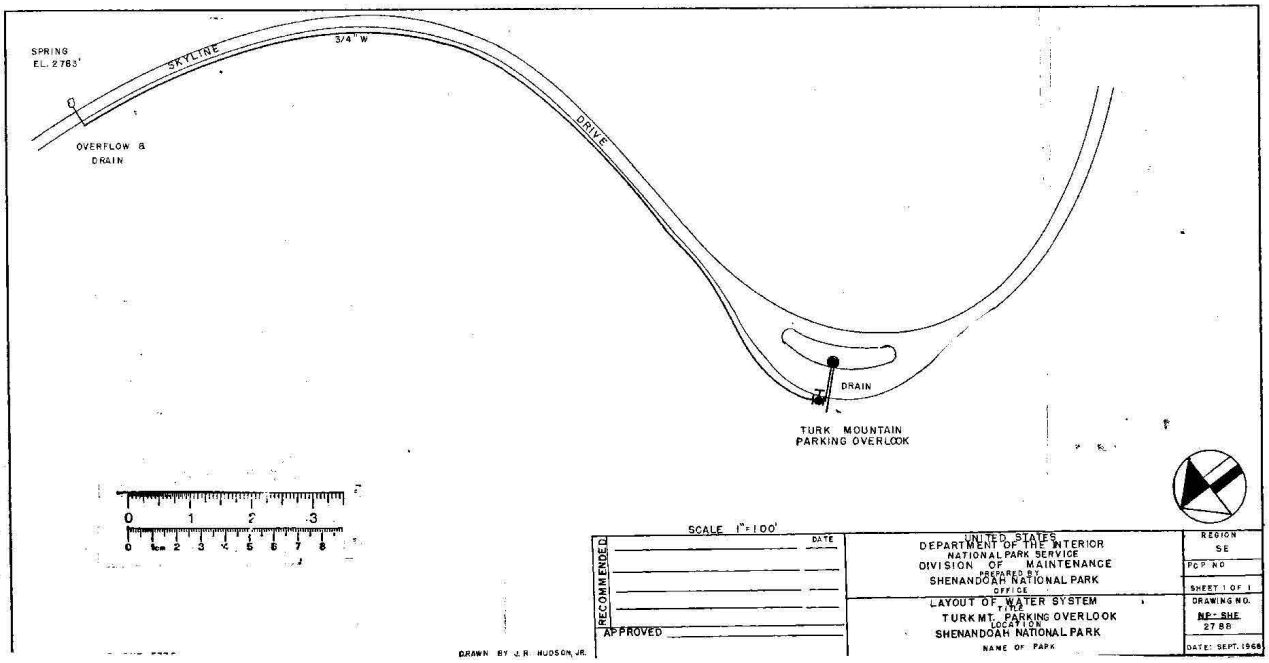
Date	.01 cc.	.1 cc.	1. cc.	10 cc.	10 cc.	10 cc.	10 cc.	Taken By	Remarks
6/28/39		0	0	0	0	0	0	Batz	Spring Box
11/13/40		0	0	0	0	0	0	Hawley	Fountain
6/2/41		0	0	0	0	0	0	Eckley	"
7/3/41		0	0	0	0	0	0	Foley	"
9/8/41		0	0	0	0	0	0	"	Practically No Flow
5/21/42		0	0	0	0	0	0	"	

\+ Indicates Presence of Bacterial Organisms of Coli-Aerogenes Group.

0 Indicates None Found in Portion Tested.

Sample From Turks Gap Parking Overlook

Maps and Miscellaneous Information



Docket Information

Number of Documents in Docket 9

Documents Dated from 9/15/1964 to 1/14/1966

Docket Compiled: 6/17/2011