#### COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

# DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER Br 3667 Charlottesville, VA 22903 WATER WELL COMPLETION REPORT Charlottesville, Virginia

McCormick Road

OFFICE ADDRESS:

	01111 EE 1101		* *		171
OWNER: Guest Construction Co.	. Mailing Address:			402	UO.17
TENANT:					
DRILLER: Charles Mitchell	. Mailing Address	2111 Magno Richmond,	lia St. VA. 2322	3	0
WELL LOCATION: County Prince George	Approx. 1000	feet 	WI Brown a	(direct	ion) of
Rt. 156 50	<b>¾%%</b> † miles	(dire	ction) of —	14616	718
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TOUNTY HIGHWAY OR OTHER MAP.)		POINTS - ROAD	s, TOWNS,		
DATE STARTED: 1/15/76	DATE COMPL	ETED: _ 1/	20/76		
TYPE OF DRILL RIG USED: Rotary		TOTAL	DEPTH	65	fe e1
WATER LEVEL: Stands 16'2" feet below	surface <u>OR</u>				
has <u>NATURAL</u> flow of_	gallor	s per mir	iute.		
YIELD TEST: Method Air lift	HOLE SIZ	E:_8inch	es from	0_to_65	feet
Drawdown feet		inch	es from	to	feet
Rate30gal. per min.		inch	es from	to	feet
Durationhrs.,min.	SCREEN SIZ	E: 4 inch	es from <u>41'</u>	8" to 61'8"	feet
WATER ZONES: from 42 to 62 feet		inch	es from	to	feet
fromtofeet		inch	es from	to	feet
fromtofeet	CASE SIZ	E:inch	es from +	1to42	feet
WATER: ColorTaste		inch	es from 6	2 to 64	feet
OdoroF		inch	es from	to	feet
WELL TO SUPPLY: (check one) Home	GROUTING	: Method			
Farm Town School	Mate	erial	Dep	th30	feet
IndustryOther_Construction	PUMP:	Туре			
WATER ANALYSIS AVAILABLE:YesNo		Capacity		gal p	er min
DRILL CUTTINGS SAVED: Yes_X No DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH	INTERVALS. THE		MAY BE	SHIPPED TO	
RLARKS:				-	

FURNISHED BY:\_

DATE:\_

DEPTH (feet)	MSM CHARLE	TYPE OF ROCK OR SOIL PENE	TRATED	REMARKS
FROM	PAGE	(gravel, clay, etc., hardness, colo	r, etc.)	(water, caving, shot, screen, sample, etc.)
0	10	Brown and pink clay		TRYET
10	20	Brown sand clay		DANGER Charles Mitchell
		1000 North	aje	Will Location was Prince Geor
	40 01061	Brown and white sand	03	Rt. 156
40	60	Brown sand and gravel	ed who'd street	tir rak', w somet me mate morteonic dwarfe
60	65	Blue clay		COUNTY CHEWAY IS STALL PER
hal	ō	RT 120 37701		TYPE OF DRILL SPEUSIFI. HOTAL
-		35 2501144	4-0117 14-0	WATER LEVEL. Seeps 16/2"
				4.65 Februare
- 41 2	0	remon 3 the subs		THE DIESE WAY ALT HEE
			17.5	
Carl		(2001) - 2010(		30 05
181.18	18" 16	LOBERTH SIZE A		A STATE OF THE STA
16.5			62	WATER ZONES: Non. 42
vel .				- Cana Anna
			N7.91	2000
12		Lorent street, Light Street State 1		
54 140	210			TOTAL STATE OF THE
,11			h	2047 3040
				WELL TO SUPPLY INCH THE TWO DAY
0.	\$3			Paris
			tion	loweryOther Constru
r - 130 TO				ANTER NNASHBID STANDARDE THE
461				SET DEVEL PROTECTION DURING
2347				CATED TO BE A SECTION OF THE
			12	
		(Use additional form	s if necessary)	

## VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

#### INTERVAL SHEET

Page 1 of 1 Well Repository No: W-4555

Date rec'd: 3/12/76 Date Processed: 1/11/77 Sample Interval: from:0to: 65

PROPERTY: Guest Const. Co. Number of samples: 6

COMPANY: Sydnor Hydrodynamics Total Depth: 65'

COUNTY: Prince George (Hopewell) Oil or Gas: Water:X Exploratory:

From-To	From-To	From-To	From-To
0 -10	_	-	Lo
10 - 20	<del>=</del>	\ <del>-</del>	-
20 - 30	=	=	, II <del>II</del>
30 -40	-	K <b>—</b>	-
40 - 50		-	( <b>—</b> )
50- 65	-	=	-
=	=	-	-
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Washed & unwashed samples only

OWNER: Guest Const. Co. DRILLER: Sydnor Hydrodynamics COUNTY: Prince George

W#: 4555 C#: 192

TOTAL DEPTH: 65'

# GEOLOGIC LOG

	Superior Control of Co
Depth (feet)	
0-10	Sand — light brown; moderate clay — light brown, dark yellowish orange; coarse to very coarse grained; subrounded; moderately well sorted; quartz; feldspar; some muscovite.
10-20	Gravel — pale yellowish brown; moderate clay — yellowish brown, medium gray, dark yellowish orange; abundant fine to medium grained sand; angular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite.
20-30	Sand — pale orange; granular, some very coarse grains; subangular to subrounded; well sorted; quartz; feldspar.
30-40	Sand — grayish orange; moderate clay; medium to coarse grained, some fine grains, 5% granules; subangular to subrounded; poorly sorted; quartz; feldspar.
40-50	Sand — pale orange; slightly stained; slightly clayey; coarse to very coarse grained, some medium grains, some granules; subangular to subrounded; moderately sorted; quartz; feldspar.
50-65	Sand — pale orange; slightly clayey; very coarse grained to granular; subrounded; well sorted; quartz; feldspar.

Logged by: Michael T. Currie

## GEOLOGIC SUMMARY

	Time Rock unit
Bacons Castle	Pleistocene Pleistocene
	Bacons Castle Moorings "Unit"

VIRGINIA DIVISION OF MINERAL RESOURCES David A. Hubbard, Jr., Geologist August 25, 1978