COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

Ci...lottesville, VA 22903

B 3667

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

WATER

WELL COMPLETION REPORT

OFFICE ADDRESS:

C#:

W#: 2756

136

McCormick Road Charlottesville, Virginia

OWNER: Leadbetter Construction Company #3	Mailing Address: Ashland, Virginia
TENANT:	Mailing Address:
DRILLED Sydnor Hydrodynamics, Inc.	Mailing Address P. O. Box 1476-Richmond, VA 23212
WELL LOCATION: County Hanover	Approx. 900 **** east on of direction) of
Interstate 95 and 9	miles south (direction) of Lewistown Rd.
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TO COUNTY HIGHWAY OR OTHER MAP.)	TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: 2/24/70	DATE COMPLETED: 2/27/70
TYPE OF DRILL RIG USED: Rotary	TOTAL DEPTHfeet
WATER LEVEL: Standsfeet below	surface <u>OR</u>
has <u>NATURAL</u> flow of_	gallons per minute.
YIELD TEST: Method Air Lift	HOLE SIZE: 9-7/8 inches from 0 to116 feet
Drawdownfeet	6 inches from 116 to 250 feet
Rate gal. per min.	inches fromtofeet
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 208 to 209 feet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 6 inches from 0 to 116 feet
WATER: ColorTaste	inches fromtofeet
OdorTemp°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method None
Farm Town School	Material Depth feet
Industry X Other	PUMP: Type
WATER ANALYSIS AVAILABLE: YesNo_X_	Capacitygal. per min
DRILL CUTTINGS SAVED: 26 Yes X No	
R ARKS: Well Abandoned - Pipe Removed - Bac	ck Filled

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 3/2/70

(gravel, cloy, efc., hardness, color, etc.) (water, caving, shot, screen, sample, color) Yellow clay Cray sandy clay - some shells mixed Rock - some color	DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED		REMARKS	
10. Gray sandy clay 20. 69 69 116 116 1208 1208 1209 1209 1209 1209 1209 1209 1209 1209	ROM	то	(gravel, clay, etc., hardness, colo		(water, caving, shot, screen, sample, et	
Light gray and dark gray rock mixed Soft rock, water (1 to 2 gpm) Coarse gray granite Hard light gray granite SOVACAR SOFT ROCK AND STAND S	15 20	/ , 20 m/s	Gray sandy clay	IMc.	ТИБИ	
### 250 Hard light gray granite Fam	116	208	Light gray and dark gray rock	k mixed	EL LOGATION County Hanover Interstate 95	
TER LEVEL Stoods	3.00		Hard light gray granite			
TERL LEVEL Standard Standar			DATE COMPLETED 2/27/70		15 STARTED 2/24/70	
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TER ZONES 1cm 208 1c 209 1cc	101		mast rates			
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VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page 1 of 1

ste Processed: Sample Interval: from:_to:_

Date rec'd: 3/16/70 Date Processed: 3/18/79

Number of samples: 25

PROPERTY: Leadbetter Const. Co. #3

Total Depth: 250'

COMPANY: Sydnor Hydrodynamics

Oil or Gas: Water: Exploratory:

Well Repository No: W#: 2756 C#: 136

COUNTY: Hanover (French Hay)

From-To	From-To	From-To	From-To
	_	_	, =
0-10	_	-	=
10-20	_	: -	
20-30	-	2 	- ,
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50-60	-	<u>-</u>	i -
60-70	-	_	, -
70-80	-	_	=
80 -90	-	=	NO. 2
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100-110	_	:	- '
110 -120	<u>~</u>	-	_
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230 240	: - :	_	-
240 250			

All intervals have both washed and unwashed samples.

OWNER: Leadbetter Const. Co. #3
DRILLER: Sydnor Hydrodynamics

COUNTY: Hanover

(French Hay)

W#: 2756 C#: 136

TOTAL DEPTH: 250' QUAD.: Yellow Tavern

GEOLOGIC LOG

Depth (<u>feet</u>)	
0-10	Clay and sand — yellowish gray; abundant clay; moderate sand; fine to medium grained, some coarse grains; subangular to subrounded; moderately well sorted; quartz; some feldspar; few flakes of biotite.
10-20	Sand — light olive gray; moderate clay; medium to coarse grained, some granules, some pebbles; subangular to subrounded; moderately sorted; quartz; feldspar; few grains of glauconite.
20-30	Granite (weathered) — light gray; slightly clayey; quartz; white potassic feldspar; 30% muscovite; 20% biotite.
30-40	As above except 35% muscovite
40-50	As above except 25% muscovite.
50-60	As above.
60-70	As above except 30% biotite; 20% muscovite.
70-80	As above.
80-90	As above except 25% biotite; 15% muscovite.
90-100	As above except moderate clay.
100-110	Granite (weathered) — light gray; slightly clayey; quartz; white potassic feldspar; 20% biotite; 20% muscovite.
110-120	As above except 30% muscovite; 15% biotite.
120-130	As above except 20% muscovite; 10% biotite.
130-140	Grainite (slightly weathered) — light gray; slightly clayey; quartz; white potassic feldspar; 35% muscovite; 10% biotite; few grains of pyrite.
140-150	Granite (weathered) — salt and pepper; quartz; pink microcline; white potassic feldspar; 15% biotite; some muscovite; few grains of pyrite.
150-160	As above except 20% biotite.
160-170	As above except 35% biotite; 10% muscovite.
170-180	Granite (slightly weathered) — off white; quartz; white potassic feld-

spar; 5% muscovite; 2% biotite.

OWNER:	Leadbetter Const. Co. #3 -2- W#: 2756
Depth (<u>feet</u>)	
180-190	Granite (slightly weathered) — salt and pepper; quartz; white potassic feldspar; 25% biotite; some muscovite.
190-200	Granite (weathered) — medium light gray; moderate clay; quartz; white potassic feldspar; 20% biotite; some muscovite.
200-210	As above.
210-220	As above except 25% biotite; 7% muscovite.
220-230	Granite — white, medium light gray; quartz; white potassic feldspar; 15% biotite; 2% muscovite; few grains of pyrite.
230-240	As above except 10% biotite; few grains of garnet.
240-250	As above except 5% muscovite; 3% biotite.

Logged by: Michael T. Currie January 12, 1979

W#: 2756

GEOLOGIC SUMMARY

Depth	Thickness		
(feet)	(<u>feet</u>)	Rock Unit	Time Rock Unit
0-20	20	Columbia Group	Pleistocene
20-250	230	Petersburg Granite	Paleozoic (?)

VIRGINIA DIVISION OF MINERAL RESOURCES David A. Hubbard, Jr., Geologist January 16, 1979