

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Golf Land Corp. Mailing Address: Benns Church

TENANT: _____ Mailing Address: _____

DRILLER: R. L. Magette Co. Mailing Address: Smithfield

WELL LOCATION: County Isle of Wight Approx. _____ feet miles _____ (direction) of
Benns Church and _____ feet miles _____ (direction) of _____

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: _____ DATE COMPLETED: _____

TYPE OF DRILL RIG USED: _____ TOTAL DEPTH 445 feet

WATER LEVEL: Stands 70 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method _____
Drawdown 10 feet
Rate 20 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 9-3/4 inches from 0 to 445 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
SCREEN SIZE: 4 inches from 420 to 440 feet

WATER ZONES: from _____ to _____ feet
from _____ to _____ feet
from _____ to _____ feet

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
CASE SIZE: 4 inches from 0 to 420 feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
GROUTING: Method _____

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other _____

Material cement Depth 50 feet
PUMP: Type submersible

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: (44) Yes XX No _____

Capacity _____ gal per min
Depth of intake 136 feet

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: _____

LOG

FURNISHED BY: _____ DATE: _____

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	10	Sand and red clay	
10	20	Shell and mud	
20	30	Blue Clay	
30	40	Blue clay	
40	50	" "	
50	60	" "	
60	70	" "	
70	80	" "	
80	90	" "	
90	100	Shell and clay	
100	110	" " "	
110	120	" " "	
120	130	" " "	
130	140	Blue clay	
140	150	" "	
150	160	" "	
160	170	" "	
170	180	Clay	
180	190	"	
190	200	Black sand and mud	
200	210	Sand and mud	
210	220	" " "	
220	230	Blue mud and sand	
230	240	Blue mud	
240	250	" "	
250	260	Mud and fine water sand	
260	270	Mud and sand	
270	280	" " "	
280	290	" " "	
290	300	Mud and black sand	
300	310	Water sand and black sand	
310	320	Black sand and mud	
320	330	Mud and sand	
330	340	" " "	
340	350	Black sand	
350	360	" "	
360	370	" "	
370	380	Fine sand	
380	390	Medium water sand	
390	400	" " "	
400	410	Sand and white clay	
410	420	Medium water sand	
420	430	Coarse water sand	
430	445	Coarse water sand	

(Use additional forms if necessary)

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

INTERVAL SHEET

Page 1 of 1
 Date rec'd: 6-29-72 Date Processed: 9-11-72
 PROPERTY: Golf Land Corporation
 COMPANY: R. L. Magette Co.
 COUNTY: Isle of Wight (Benns Ch.)

C-216
 Well Repository No.: W-3584

Sample Interval: from 0 to: 440
 Number of samples: 44
 Total Depth: 445
 Oil or Gas: Water: XX Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	300-310	-	-	-
10-20	310-320	-	-	-
20-30	320-330	-	-	-
30-40	330-340	-	-	-
40-50	340-350	-	-	-
50-60	350-360	-	-	-
60-70	360-370	-	-	-
70-80	370-380	-	-	-
80-90	380-390	-	-	-
90-100	390-400	-	-	-
100-110	400-410	-	-	-
110-120	410-420	-	-	-
120-130	420-430	-	-	-
130-140	430-440	-	-	-
140-150	-	-	-	-
150-160	-	-	-	-
160-170	-	-	-	-
170-180	-	-	-	-
180-190	-	-	-	-
190-200	-	-	-	-
200-210	-	-	-	-
210-220	-	-	-	-
220-230	-	-	-	-
230-240	-	-	-	-
240-250	-	-	-	-
250-260	-	-	-	-
260-270	-	-	-	-
270-280	-	-	-	-
280-290	-	-	-	-
290-300	-	-	-	-

Unwashed only, not enough to split.

Owner: Golfland Corp.
Driller: Magette
County: Isle of Wight

W# 3584
C# 216
Total Depth: 445'
Quad: Benns Church
Elev: 25'

Depth
(feet)

WELL LOG

- 0-10 Clay - dark yellow brown (10YR 5/6); abundant sand; medium, subangular, well sorted; 8% glauconite.
- 10-20 Coquina (weathered), Shell Gravel - light and dark gray; 90% shells and shell debris; sparse sand; fine to medium, subangular, moderately sorted; few rounded flattened granules; sparse calcium carbonate cement in coquina; echinoderm spines; forams; bone fragments and vertebra; bryozoa; coral; 25 genera of mollusks: pelecypod - pecten, Astarte, ostrea, tellinoid(?) carditamera, mya, glycimeris; arca; barbata; venicardia, ensis; gastropod - Crepidula F., Crucibulum Grande, Diodora, Dentalium, Turritella, Polinices, Epitonium, Marginella (cypraedia?); Tritonalia(?), Terebra, Uzita, Mitrella, Drilla, Architectonica, fasciolariod.
- 20-30 Coquina - light olive gray (5Y 7/1); abundant sand; fine to medium with some larger, subangular, moderately well sorted; rare glauconite; 5% shell fragments; molds and casts.
- 30-110 Sand - light olive gray (5Y 6/1); abundant clay; fine to medium, with some larger, subangular, moderate sorting; glauconite - rare at 70-80 and 1%+ at 100-110; shell fragments: 30-40 - 3% Turritella; 40-50 - 3%; 50-60 - 1%; 60-70 - 10%; 70-80 - 5%; 80-90 - 10%; 90-100 - 1%; 100-110 - 5%; echinoderm spines.
- 110-150 Sand - light olive gray (5Y 5/1 and 6/1 at 140-150); abundant clay, fine to medium with some larger, subangular, moderately well sorted; glauconite 1-3% for the most part; at 140-150 the 3% is in clay clasts; shell fragments: 110-120 - 3%; 120-130 - 11%; 130-140 - 8% fine Chama; 140-150 - 11%; echinoderm spines.
- 150-210 Sand - light olive gray (5Y 5/2); abundant clay; fine to medium, subangular, moderately well sorted; 5% glauconite - fine; shell fragments - 5% at 150-160, then 3% and fine at 180-190; 190-200 - foram - Marginulina; 180-190 - ostracod; fish scales and echinoderm spines at 200-210.
- 210-230 Sand - light olive gray (5Y 6/1); abundant clay; fine to medium; subangular, moderately well sorted; 3% fine phosphate fragments; forams - Nonion; madreporite.
- 230-240 Sand - light olive gray (5Y 6/1); abundant clay; fine to medium with some larger; angular and subangular, moderately well sorted; 1% fine phosphate fragments; 8% fine shell fragments; very small forams - Nonion; echinoderm spines.

Owner: Golfland Corp.

W# 3584

C# 216

Depth
(feet)

- 240 -250 Clay - light olive gray (5Y 6/1); abundant sand; fine to medium, angular and subangular, moderately well sorted; 1% fine phosphate fragments; 8% fine shell fragments; forams; echinoderm spines.
- 250-260 Sand - light olive gray (5Y 6/1); moderate clay; fine to very coarse, angular and subangular, moderate sorting; rare phosphate fragments; 3% fine shell fragments; forams - Siphogenerina, Eponides, Quinqueloculina; echinoderm spines.
- 260-300 Sand - light olive gray (5Y 6/1); sparse clay; medium to granule with very fine to granule at 290-300; angular to rounded, poorly sorted; few to 3% glauconite; 3% to 1% at 280-290 shell fragments; forams at 280-290; shark teeth at 280-290; garnet at 290-300; (calcium carbonate powder from ground shells).
- 300-310 Sand - light olive gray (5Y 6/1); moderate clay; abundant calcium carbonate powder; very fine to granule, angular to round, poorly sorted; 3% glauconite; 5% shell fragments; foram - Nodosaria; shark tooth.
- 310-320 Sand, Glauconitic - light olive gray (5Y 6/1); 50% glauconite; abundant calcium carbonate; medium to very coarse, green and tan, abundant calcium carbonate; very fine to very coarse, angular to round, poor sorting; 1% shell fragments.
- 320-330 Sand, Glauconitic - light olive gray (5Y 6/1); 75% glauconite; abundant calcium carbonate; sparse clay; very fine to granule, angular to rounded, poorly sorted; rare shell fragments.
- 330-410 Sand, Glauconitic - light olive gray (5Y 6/1); 50% glauconite; decreasing calcium carbonate; very sparse clay in clasts at 360-370; very fine to granule with large granules at 360-370 and 390-410; angular to rounded until 360-370 then to subangular, poorly sorted, moderate at 390-400; rare shell fragments at 330-350.
- 410-420 Sand - light olive gray (5Y 6/1); 50% glauconite; very sparse clay clasts; very fine to granule, subangular and angular, poorly sorted.
- 420-440 Sand - light olive gray (5Y 6/1); very fine to very coarse, angular and subangular, moderate sorting (rare glauconite contamination).
- 440-445 No Sample.

Logged by: J. K. Polzin
October 9/10, 1980

W-3584
C-216

R. L. MAGETTE COMPANY

Water Supply Contractor — Smithfield, Virginia

W-3584

Well for Golf Land Corporation
Benns Church in Isle of Wight County, State Virginia
 Started 4/27/72, 19 Date Started 19
 Drilling 5/1/72, 19 Finished 19

FORMATION AND DEPTH OF WELL				DIMENSIONS OF CASING AND SCREEN							
DEPTH OF EACH STRATUM		FORMATION FOUND AT EACH STRATUM		TOTAL LENGTH OF ALL SCREENS AND CASINGS		LENGTH OF EACH SEC. OF SCREEN OR CASING		SPECIFY SCREEN OR CASING	SIZE OF SCREEN OR CASING	GAUGE OF SCREEN	
FT.	IN.			FT.	IN.	FT.	IN.			IN.	
		Well Seal									

Cuttings	Preliminary Test	
	Date Tested 5-1-	1972 Static Level 70
	Production 50 gpm	GPM Pumping Level
	Permanent Test	
	Date Tested 5-1-	1972 Static Level 70
	Production 20	GPM Active St. Level
	Draw Down 10	Pumping Level 80
	Remarks:	

3.75
1/15

