

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-5055
C-114

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: Diversified Sites Inc. Mailing Address: 1806 Summit Ave. Richmond, VA 23230

TENANT: _____ Mailing Address: _____

DRILLER: Douglas Drilling Co. Mailing Address: Box 498, Warsaw, VA 22572

WELL LOCATION: County Caroline Approx. 1000 ^{feet} ~~miles~~ North (direction) of _____
Rt. 647 and 2000 ^{feet} ~~miles~~ East (direction) of Rt. 301

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

DATE STARTED: December 1, 1974 DATE COMPLETED: December 4, 1974

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 302 feet

WATER LEVEL: Stands 161 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method submersible pump
Drawdown 38 feet
Rate 63 gal. per min.
Duration 72 hrs., 0 min.

HOLE SIZE: 12 inches from 0 to 105 feet
6 inches from 105 to 302 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 269 to 299 feet
from _____ to _____ feet
from _____ to _____ feet

SCREEN SIZE: 2 7/8 inches from 269 to 299 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

CASE SIZE: 4 inches from 0 to 269 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method tremmie pipe
Material neat cement Depth 105 feet

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

PUMP: Type Submersible
Capacity 50+ gal per min
Depth of intake 252 feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: Yes XX No _____

(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: Douglas Drilling Co.

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	21	Tan sandy clay	
21	42	Tan sandy clay some gravel	
42	63	Tan sandy clay	
63	84	Tan sandy clay	
84	105	Red and Grey clay	
105	126	Red and grey clay	
126	147	Red and grey clay	
147	168	Red and grey clay	
168	189	Dark grey clay some shell	
189	210	Dark grey clay some shell and sand	
210	231	Sticky blue green sandy clay	
231	252	Sticky blue green sandy clay	
252	273	Clay, gravel, sand	
273	294	Coarse sand and fine gravel	

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

INTERVAL SHEET

C-114

Page 1 of 1

Well Repository No.: W-5055

Date rec'd: 1/31/78 Date Processed: 3/29/78

Sample Interval: from 0 to: 302

PROPERTY: Diversified Sites, Inc.

Number of samples: 27

COMPANY: Douglas Drilling Co.

Total Depth: 302'

COUNTY: Caroline (Doggets Fork)

Oil or Gas: Water:XX Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	-	-	-	-
10-20	-	-	-	-
-	-	-	-	-
-	-	-	-	-
40-50	-	-	-	-
-	-	-	-	-
60-70	-	-	-	-
70-80	-	-	-	-
80-90	-	-	-	-
90-100	-	-	-	-
100-110	-	-	-	-
110-120	-	-	-	-
120-130	-	-	-	-
130-140	-	-	-	-
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	-	-	-	-
290-302	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Washed & unwashed samples.

Owner: Diversified Sites, Inc.
Driller: Douglas Drilling
County: Caroline (Doggets Fork)

W# 5055
C# 114
Total Depth 302'
Quad:
Elev:

Depth
(feet)

WELL LOG

0-10	Sand - moderate yellow brown (10YR 5/4); medium to very coarse; sub-angular; some granules; moderate sorting; coated quartz.
10-20	Sand - grayish orange (10YR 7/4); as above.
20-40	No sample.
40-50	Sand - dark yellow orange (10YR 5/6); medium to granule; poor sorting; rest as above; mica.
50-60	No sample.
60-70	Sand - grayish orange (10YR 7/4); sparse clay clasts - white, pink, orange; sand - medium to coarse with few granules and pebbles; moderate sorting; rest as above; quartz; mica; minute black phosphatic fragments.
70-80	Sand - as above, except: 2% phosphatic fragments.
80-90	Clay - light olive gray (5Y 6/1); clay clasts; moderate sand; medium to very coarse; poorly sorted; rest as above; quartz; sparse phosphates grains.
90-100	Clay - as above.
100-110	Clay - as above, except: abundant sand; medium and coarse; well sorted; granules.
110-120	Sand - as above, except: abundant clay in pellets; no granules.
120-130	Sand - as above; abundant clay.
130-140	Clay - as above.
140-150	Clay - moderate olive gray (5Y 5/1); abundant sand as above; 8%+ glauconite; mica.
150-160	Sandy clay - as above, except: medium to granule; poor sorting;
160-170	Sand - light olive gray (5Y 5/2); moderate clay in clasts; sand as above; 10% glauconite; forams - <u>Lagena</u> ; <u>Robulus</u> ; 1% shell fragments.

Depth
(feet)

170-180 Sand - as above, except: fine to very coarse; poorly sorted; 1% mica.

180-190 Sand - as above, except: 5% shell fragments.

190-200 Sand - as above, except: 10% shell fragments.

200-210 Sand - yellowish gray (5Y 7/1); sparse clay in clasts; medium to very coarse, sub-angular; poor sorting; quartz; 5% glauconite; 1% shell fragments; mica.

210-220 Sand - as above.

220-230 Sand - as above, except: medium to granules; poor sorting; sparse glauconite; no shells; feldspar.

230-240 Sand - as above, except: some glauconite and phosphatic fragments.

240-250 Sand - as above, except: 8% glauconite; fuschite mica.

250-260 Sand - as above, except: 20% large granules and pebbles; garnet.

260-270 Sand - as above, except: 3% pebbles (15mm); 3% glauconite.

270-280 Sand - as above, except: 15% large granules.

280-290 Gravel - mixed colors; 100% large granules - pebbles, clasts - quartz and massive epidote.

290-302 Gravel, sandy - as above; 1% glauconite and phosphatic fragments; gravel is rounded to sub-rounded, with some fresh fragments of quartz.

Logged by: J. K. Polzin
June 10, 1980