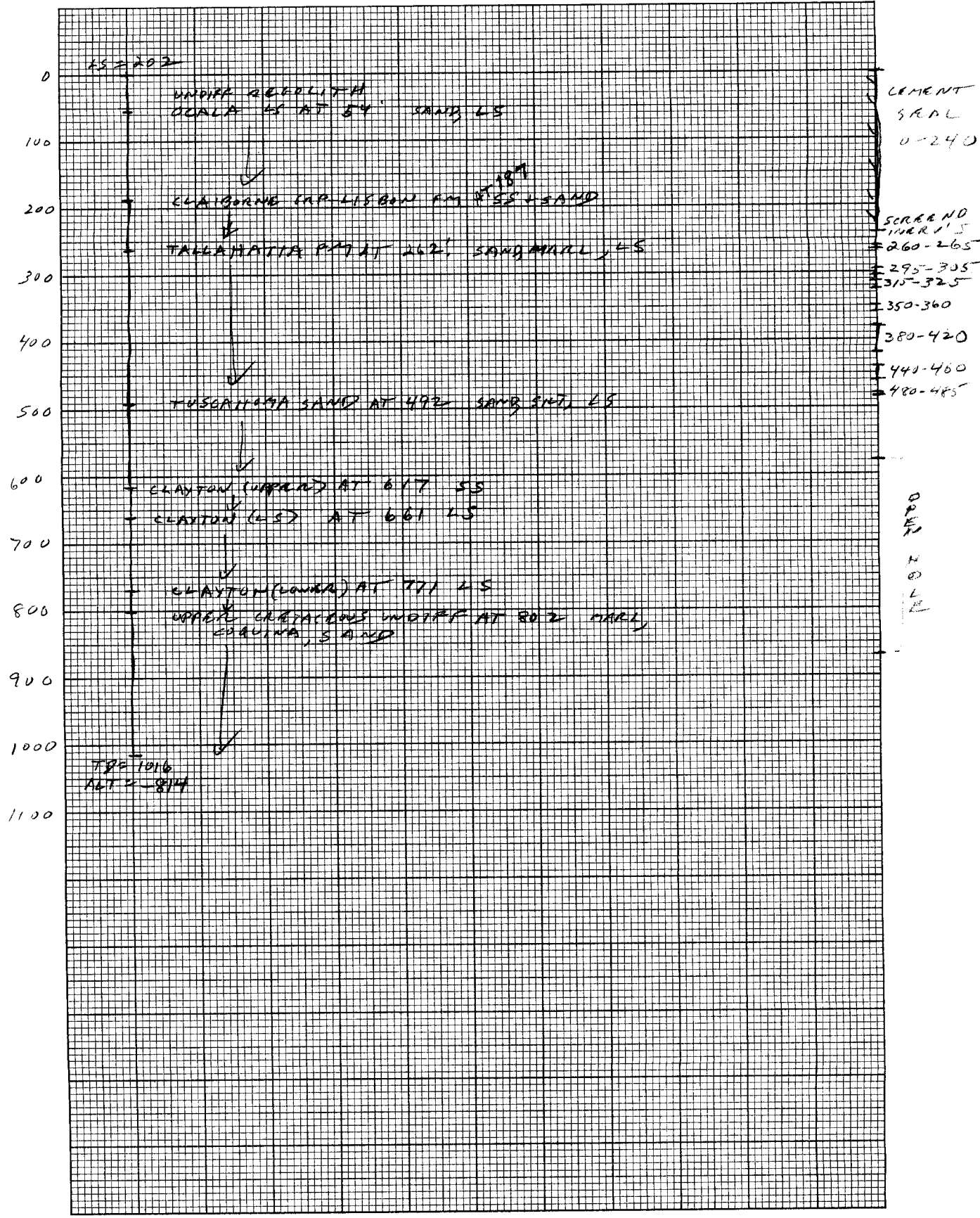
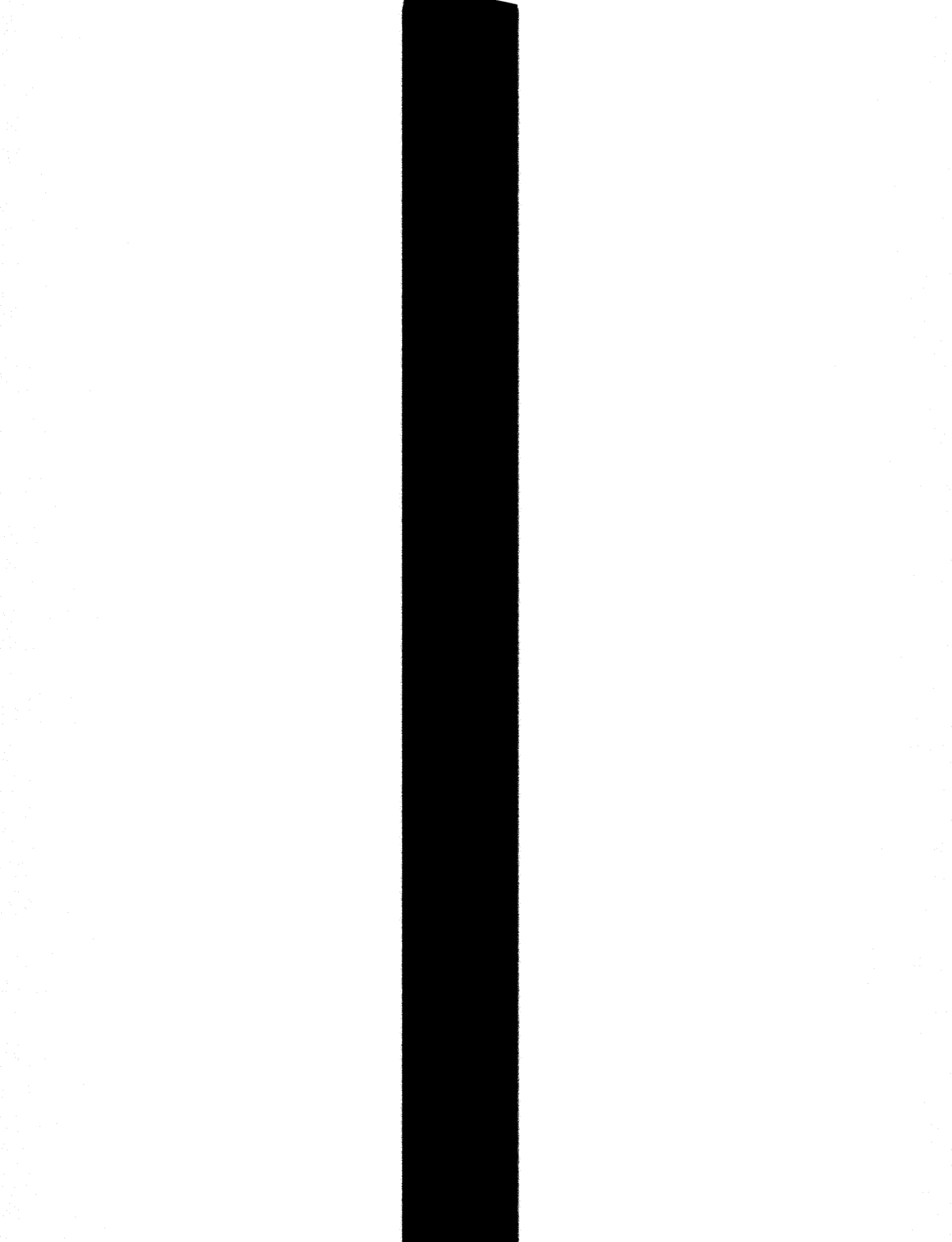


ALBANY (11-1) WELL # 10 (12605)



NO CORRECTIONS LOG SHEETS

NO. 3110-R. 20 DIVISIONS PER INCH BOTH WAYS. 120 BY 180 DIVISIONS. IN STOCK DIRECT FROM CODEX BOOK CO., NORWOOD, MASS. 02062 PRINTED IN U.S.A. CODEX GRAPH PAPER



12L005

Location: Doughert
 Owner: City of
 Drillers: Layne-Ed
 Drilled: 1949

Well No.: 8405-3130-15
 GCS No.: 181
 Elevation: 202

Lithologic description by: Van
 Stratigraphic correlation by: R. and S. M. Herrick

	Thickness (feet)	Depth (feet)
Undifferentiated residuum		
No samples.....		
Mudstone: yellowish gray silt; sand and gravel of pebble gravel, sub-angular and milky quartz.....	3	3
Sand and gravel: yellowish yellow 5X 8/4, fine grain sub-angular, poorly sorted silt and clay common.....	20	23
Sand; grayish orange loess grained, sub-angular, pebbles; silt and clay common.....	3	26
Sand and gravel: yellowish yellow 5X 8/4, fine grain sub-angular to sub-round and milky quartz; silt and clay common.....	22	48
Total undifferentiated residuum.....	6	54
Upper Eocene series		
Jackson group		
Coala limestone		
Calcareous sand: yellowish yellow 5X 8/4, fine to coarse grained common, sorted, fair-sorted, clear and stone oolites abundant; weak calcareous cement.....		
Limestone: very pale orange brown loess 6/2, sphenitic firm calcareous cement; sand and gravel, coarse sand to quartz; chert common.....	3	57
No samples.....		
Limestone: very pale orange and oolitic; firm calcareous pebble gravel, clear and.....	4	61
Limestone: very pale orange shell fragments common; fine grained with abundant sand and gravel, clear and milky quartz; silt and clay common.....	5	66
Limestone: very pale orange shell fragments common; fine grained with abundant sand and gravel, clear and milky quartz; silt and clay common.....	24	90
Limestone: very pale orange shell fragments common; fine grained with abundant sand and gravel, clear and milky quartz; silt and clay common.....	7	97

	Thickness (feet)	Depth (feet)
Arenaceous limestone; very pale orange 10YR 8/2, calcitic; sand and gravel abundant, fine grained sand to pebble gravel, sub-angular to sub-rounded, fair-sorted, clear and milky quartz; weak calcareous cement.....	18	115
No samples.....	8	123
Arenaceous limestone; very pale orange 10YR 8/2, calcitic and sphenitic; sand and gravel abundant, fine grained sand to pebble gravel, sub-angular to sub-rounded, fair-sorted, clear and milky quartz; shell fragments common; bryozoa rare; weak to firm calcareous cement.....	12	140
Limestone; very pale orange 10YR 8/2, calcitic, recrystallification common; very fine to fine grained quartz sand common; weak calcareous cement.....	16	156
Arenaceous limestone; very pale orange 10YR 8/2, calcitic; sand abundant, fine to medium grained abundant, coarse grained common; sub-angular to sub-rounded, fair-sorted, clear and milky quartz; weak to firm calcareous cement.....	16	172
Arenaceous limestone; very pale orange 10YR 8/2, sphenitic and calcitic; sand and gravel abundant, fine grained sand to pebble gravel, sub-angular to sub-rounded, fair-sorted, clear and milky quartz; shell fragments common; forams rare; glauconite rare; firm calcareous cement.....	15	187
Total Ocala limestone.....	133	
Middle Eocene series		
Clifton group		
Lichen formation		
Sandstone and sand; yellowish gray 5Y 8/1 to light olive gray 5Y 6/1, very fine to medium grained, sub-angular, well sorted, clear quartz; glauconite abundant; well preserved shell fragments and bryozoa common; weak to firm calcareous cement.....	16	203
Do.....	46	249
Similar to preceding; phosphate common.....	13	262
Total Lichen formation.....	75	
Tallahatta formation		
Sand; yellowish gray 5Y 8/1 to light olive gray 5Y 6/1, very fine to medium grained, sub-angular to sub-rounded, well sorted, clear quartz, fairly clean; rare common.....	18	280
Sand; yellowish gray 5Y 8/1 to light olive gray 5Y 6/1, very fine to fine grained, sub-rounded, well sorted, clear quartz, clean; phosphate abundant.....	15	295

	Thickness (feet)	Depth (feet)
Calcareous sand; yellowish gray SI 8/1 to light olive gray SI 6/1, very fine to fine grained, sub-rounded, well sorted, clear quartz, fairly clean; glauconite abundant; shell fragments abundant.....	15	310
Calcareous sand; yellowish gray SI 8/1 to light olive gray SI 6/1, very fine to fine grained abundant, medium to coarse grained common, sub-rounded, well sorted, clear quartz, fairly clean; glauconite abundant; shell fragments abundant.....	15	325
Calcareous sand; yellowish gray SI 8/1 to light olive gray SI 6/1, very fine to fine grained, sub-rounded, well sorted, clear quartz; glauconite abundant; shell fragments abundant (50% of sample).....	9	334
Do.....	18	352
Argaceous marl; light olive gray SI 6/1, very fine to fine grained quartz sand abundant; fine grained sandy limestone common; glauconite common; shell fragments common.....	1	353
Do.....	32	385
Sand; very light gray SI, very fine to fine grained, well rounded, well sorted, clear quartz, clean; phosphate abundant; glauconite and garnet common; shell fragments common.....	15	400
Do.....	45	460
No samples.....	2	462
Siliceous limestone; light olive gray SI 6/1 to medium gray SI; glauconite, dark chert, and clear secondary silica abundant; fine siliceous and calcareous cement; mixed with abundant argaceous siltstone and quartz sand from overlying beds.....	13	475
Do.....	17	492
Total Hallsboro formation.....	230	
Lower Beane series		
Wilson group		
Tussock sand		
Silty sand; olive gray SI 4/1, fine to medium grained abundant, coarse grained sand to pebbles gravel common, sub-angular to sub-rounded, poorly sorted; silt, muscovite and glauconite abundant; fine grained sandy glauconitic limestone common.....	16	508
Silty sand; olive gray SI 4/1, fine to medium grained abundant, coarse to very coarse grained common; sub-angular to sub-rounded, poorly sorted; glauconite abundant; muscovite and silt abundant; quartz and shell fragments common.....	16	524

Thickness
(feet) Depth
(feet)

Argillaceous silt; greenish gray 50R 6/1 to dark
greenish gray 50R 4/1; very fine to fine grain-
ed quartz sand abundant; glauconite and muscovite
abundant..... 13
Do..... 18

Argillaceous, silty limestone; olive gray 5Y 4/1; sand
abundant, very fine to fine grained, sub-angular
to sub-angular to sub-rounded, well sorted, clear
quartz abundant, green quartz common; glauconite
and silt abundant; pyrite common; firm to weak cal-
careous cement..... 13

Calcareous, silty sand; olive gray 5Y 4/1, very
fine to fine grained, sub-angular to sub-rounded,
well sorted, clear quartz; glauconite, silt and
mud abundant; pyrite, magnetite, and muscovite
common..... 15

Do..... 13

Glauconitic sand; light olive gray 5Y 6/1 to dark
greenish gray 50R 4/1, fine grained, sub-angular
to sub-rounded, well sorted, clear quartz, clean;
glauconite abundant (50% of sample); pyrite common.. 18
Total Trenchard sand..... 125

Palaeozoic series
Milroy group

Clayton formation (upper unit)
Calcareous sandstone; light olive gray 5Y 6/1 to
olive gray 5Y 4/1, very fine grained, well
sorted, clear quartz; glauconite and muscovite
abundant; forams abundant; firm to weak calcareous
cement; sample is contaminated by quartz sand from
overlying beds..... 23
Do..... 44
Total upper unit..... 630
661

Clayton formation (Clayton limestone)
Limestone; very light gray N5 to light gray N7,
calitic and spinitic; very fine to fine grain-
ed quartz sand common; glauconite common; shell
fragments common; firm to weak calcareous cement.. 18

Limestone; very light gray N5 to yellowish gray
5Y 8/1, spinitic and calitic, recrystallization
common; impurities rare; gastropod molds and shell
fragments common; firm calcareous cement..... 15
Do..... 77
Total Clayton limestone..... 110

Clayton formation (lower unit)
Argillaceous limestone; medium light gray N5 to light
olive gray 5Y 6/1, spinitic; sand abundant, fine
to very coarse grained, sub-angular to sub-round-
ed, poorly sorted,

	Thickness (feet)	Depth (feet)
clear quartz; silt abundant; glauconite and feldspar common; weak to fine calcareous cement.....	16	707
Similar to preceding; granules (2-4 mm.) common.....	15	802
Total lower unit.....	31	
Total Clayton formation.....	185	

Upper Cretaceous series undifferentiated

Araceous marl; light olive gray XI 6/1; very fine to fine grained quartz sand abundant; glauconite common; ostracods common.....	20	822
Coquina; yellowish gray XI 8/1 to light olive gray XI 6/1, composed mostly of shell fragments; fine to medium grained quartz sand common; glauconite and pyrite common; garnet and feldspar rare; weak to fine calcareous cement.....	15	837
Araceous marl; light olive gray XI 6/1; fine to very coarse grained quartz sand common; glauconite and pyrite common; shell fragments common.....	15	847
Coquina; light gray XI, composed mostly of shell fragments; fine to coarse grained quartz sand common; glauconite, pyrite, and feldspar common; fine calcareous cement.....	15	862
Do.....	15	877
Calcareous sand; light olive gray XI 6/1, medium to coarse grained, sub-rounded, fair-sorted, clear quartz; marl, glauconite, and feldspar common; pyrite rare.....	15	892
Do.....	98	990
Calcareous sand; medium light gray N5 to light gray XI 6/1, very fine to fine grained, sub-rounded, well sorted, clear quartz; marl, muscovite, glauconite, and magnetite abundant; shell fragments common.....	15	905
Marl; medium light gray N5 to light olive gray XI 6/1; very fine to fine grained quartz sand common; glauconite and muscovite abundant; forams common.....	15	980
Similar to preceding; forams abundant.....	15	995
Do.....	21	1016
Total Upper Cretaceous undiff.....	214	

**REMARKS:
Stratigraphy**

Undifferentiated residuum.....	5	
Upper Eocene series.....	27	
Jackson group.....	27	
Ocala limestone.....	27	
Middle Eocene series.....	26	
		0 57 57 187

Summary, cont.

	Thickness (feet)	Depth (feet)
Clathrons group.....	305	187
Lichen formation.....	75	187
Tallahatta formation.....	18	262
Lower Eocene series.....	18	280
Hilax group.....	18	298
Tussocks sand.....	18	316
Paleocene series.....	18	334
Hilax group.....	18	352
Clayton formation.....	18	370
Upper unit.....	18	388
Clayton limestone.....	18	406
Lower unit.....	18	424
Upper Cretaceous series undifferentiated.....	18	442

Possible Water Bearing Zones

Limestone.....	75	187
Sand and arenaceous coquina.....	18	205
Siliceous limestone.....	18	223
Glimmeritic sand.....	18	241
Calcareous sand.....	18	259
Limestone.....	18	277
Arenaceous limestone.....	18	295
Coquina.....	18	313
Calcareous sand.....	18	331

~~XXXXXXXXXXXX~~
Layne-Atlantic
#10 City of Albany
GGS #181; Elev.: 207
Logged 1/28/53 by SMH

Description:

Depth
in Feet:

Medium-grained sand plus fragments of residual (leached) limestone	0 - 26
Fine to coarse-grained sand with some mottled, sandy clay and occasional fragments of macro-shells	26 - 48
Fine to medium-grained sand with some gray-colored, sandy clay; plus scattered Echinoid spines	48 - 54
Do., plus fragments of residual limestone	54 - 57
Fossiliferous limestone with some coarse-grained sand. <u>Lepidocyclina</u> sp.	57 - 90
Fine to medium-grained sand plus scattered fragments of limestone	90 - 140
Sandy limestone. <u>Pecten</u> sp.	140 - 156
Medium-grained sand and some white, fossiliferous limestone	156 - 172
Sand with fragments of gray-colored, sandy, glauconitic limestone	172 - 187
Fine-grained, limy sand, or sandy marl. <u>Diacorbis yeguaensis</u>	187 - 203
Do., but glauconitic. XXXXXXXXXXXX	203 - 249
<u>Cib.</u> of. <u>westi</u>	203 - 218
<u>Cib.</u> <u>westi</u>	218 - 231
Same as 172-249, but becoming sandier with increased depth	249 - 295
Fine to medium-grained, coarsely-glauconitic sand with frequent macro-shells (a coquina)	295 - 353
Do., plus increase in amount of gray-colored marl	353 - 385
Fine to coarse-grained sand with black, polished phosphate pebbles	385 - 460
Do., plus some gray-colored, micaceous, glauconitic marl	460 - 475
Crystalline, sandy, highly-glauconitic limestone plus some gray, micaceous marl	475 - 492
Mostly gray-colored, micaceous, glauconitic marl	492 - 555
Do., plus increase in fine-grained, somewhat indurated, glauconitic sand & occasional fragments of sandy, glauconitic limestone	555 - 599
Fine-grained, highly-glauconitic, indurated, limy sand	599 - 661
<u>Operculinoides</u> sp.	599 - 617
<u>Operculinoides</u> sp. common to abundant	617 - 630
Dense, crystalline, fossiliferous limestone	661 - 741
Do., limestones becoming sandier with increased depth; plus increasing amounts of fine-coarse grained sand	741 - 802
Gray-colored, chalky, micaceous, sandy marl	802 - 847
<u>Anom. pseudopapillosa</u> , <u>Lox. platium</u> , <u>Globe-truncata</u> sp., <u>Gumbelina</u> sp.	802 - 817
Medium to coarse-grained, limy sand	847 - 950

10 City of Albany Cont'd.:

Description:

Depth
in Feet:

Fine-grained, argillaceous, chalky sand _____ 950 - 965
Sandy, micaceous, chalky marl. Gaud. rudita _____ 965 - 1016

Summary:

Formation:

Residuum (57') _____ 0 - 57
Ocala (83') _____ 57 - 140
Probable Gosport (32') _____ 140 - 172
Claiborne (181') _____ 172 - 353
Undifferentiated Wilcox (224') _____ 353 - 577
Midway (225') _____ 577 - 802
 Clayton Limestone (141') _____ 661 - ~~743~~ 802
Navarro (214'+) _____ 802 - 1016 (+)

Possible Water-Bearing Horizons:

Coarse-grained sand _____ 385 - 465
Limestone _____ 661 - 741
Coarse-grained sand _____ 787 - 802
Do. _____ 847 - 950

Remarks:

Sand at 847-950 is not thought to be too good as a water-bearing horizon because of possible cementation and consequent reduction in permeability.

UNPUBLISHED RECORDS
SUBJECT TO REVISION

122005

DOUGHERTY COUNTY, CITY OF ALBANY #10
Fluv.

ROCKS	Thickness (feet)	Depth (feet)
OCALA LIMESTONE		
Clay, yellowish gray 5Y 8/1. Slightly sandy-----	20	23
Sand, yellowish gray 5Y 7/1 to grayish yellow 5Y 8/4. Fine to coarse, sub-angular, rather poorly sorted. Contains considerable silt and clay-----	3	26
Similar to preceding. Grayish orange 10YR 7/4. More silt and clay-----	22	48
Similar to preceding. Yellowish gray 5Y 7/1 to grayish yellow 5Y 8/4-----	6	54
Do-----	3	57
Gravel, very pale orange 10YR 8/2 to pale yellowish brown 10YR 6/2. Fine to coarse, sub-rounded, poorly sorted. Limestone and chert fragments-----	4	61
No samples-----	5	66
Limestone, very pale orange 10YR 8/2. Finely fragmental to dense. Contains considerable gravel, probably from above-----	24	90
Sand, very pale orange 10YR 8/2. Fine to very coarse, sub-angular, poorly sorted. Calcareous with lime- stone and shell fragments-----	7	97
Do. Limestone possible dominant-----	18	115
Limestone, very pale orange 10YR 8/2 to pale yellowish brown 10YR 6/2. Mostly in small fragments. Contains considerable fine to medium and some coarse sand----	5	120
No samples-----	8	128
Limestone, very pale orange 10YR 8/2 to pale yellowish brown 10YR 6/2. Mostly in small fragments. Contains considerable fine to medium and some coarse sand. Mixed with large dense fragments-----	12	140
Limestone, very pale orange 10YR 8/2. Small fragments with small bryozoa common. Not much sand-----	16	156
Sand, very pale orange 10YR 8/2 to pale yellowish brown 10YR 6/2. Very fine to very coarse, angular, poorly sorted. Highly calcareous and cemented in places-----	16	172
Do-----	15	187
Total Ocala limestone-----		190
CLAIBORNE GROUP		
Sand, yellowish gray 5Y 8/1 to light olive gray 5Y 6/1. Very fine to medium, sub-angular, fairly well sorted. Calcareous and containing a few bryozoa and shell fragments-----	16	203
Do except containing considerable coarse sand-----	15	218
Limestone, light olive gray 5Y 6/1. Earthy and containing much very fine to medium sand-----	13	231
Do. Bryozoa common-----	18	249
Do. Sand probably dominant-----	13	262

	Thickness (feet)	Depth (feet)
Sand, light olive gray 5Y 8/1. Very fine to medium, sub-rounded, fairly well sorted. Considerable calcareous material but fairly clean-----	18	280
Sand, yellowish gray 5Y 8/1 to light olive gray 5Y 6/1. Very fine to fine, well rounded, well sorted. Clean and highly phosphatic-----	15	295
Sand, yellowish gray 5Y 8/1 to light olive gray 5Y 6/1. Very fine to fine, well rounded, well sorted. Clean and highly phosphatic. Contains many shell fragments-----	15	310
Do. Shell fragments very numerous-----	15	325
Do-----	9	334
Do. Highly glauconitic-----	6	340
Do-----	12	352
Do except very silty and containing fewer shells----	1	353
Do-----	32	385
Sand, very light gray N8. Very fine to fine, well rounded, well sorted. Phosphatic and extremely clean	15	400
Do-----	25	415
Do-----	16	431
Do-----	15	446
Do-----	14	460
Silt, medium light gray N6 to light olive gray 5Y 6/1. Mixed with much fine to medium sand-----	15	475
Limestone, light olive gray 5Y 6/1. Very sandy and highly glauconitic. Mixed with considerable loose sand-----	17	492
Total Claiborne group-----	310	

WILCOX GROUP

Sand, olive gray 5Y 4/1. Very fine to very coarse, sub-angular, poorly sorted. Very silty and containing limestone and shell fragments-----	16	508
Do. Extremely glauconitic. Silt dominant-----	16	524
Do-----	13	537
Do-----	18	555
Do-----	13	568
Do. Fine sand dominant-----	20	586
Do-----	13	599
Do. Glauconite extremely abundant-----	18	617
Do. Much coarse sand. Somewhat less glauconite----	13	630
Do-----	18	648
Do-----	13	661
Total Wilcox group-----	170	

CLAYTON LIMESTONE

Limestone, very light gray N8 to light gray N7-----	18	679
Do. Some very fine to fine sand-----	15	694
Do. Not much sand-----	16	710
Do-----	15	725
Do-----	16	741

	Thickness (feet)	Depth (feet)
Do. Some fine to medium sand-----	15	756
Do except considerable sand-----	15	771
Limestone, medium light gray N6 to light olive gray 5Y 6/1. Very sandy and glauconitic-----	16	787
Do. Some silt-----	15	802
Total Clayton limestones-----		140

CRETACEOUS

Silt, light olive gray 5Y 6/1. Sandy, glauconitic and containing limestone fragments-----	20	822
Limestone, yellowish gray 5Y 8/1 to light olive gray 5Y 6/1. Contains some sand and silt-----	10	832
Silt, light olive gray 5Y 6/1. Sandy and containing limestone fragments-----	15	847
Limestone, light gray N7. Somewhat sandy and silty-----	15	862
Do. Very sandy-----	15	877
Sand, light olive gray 5Y 6/1. Mostly medium to coarse, sub-rounded, poorly sorted. Calcareous, feldspathic and containing shell fragments-----	15	892
Do-----	15	907
Do-----	15	922
Do-----	15	937
Do-----	13	950
Sand, medium light gray N6 to light olive gray 5Y 6/1. Mostly fine to medium. Calcareous and very silty-----	15	965
Silt, medium light gray N6 to light olive gray 5Y 6/1. Micaceous and containing very fine sand and glau- conite-----	15	980
Do-----	15	995
Do-----	21	1016
Total Cretaceous-----		

City of Albany No. 10

Drilling started Feb 1
 Fini finished Feb 10

0	240	20 inch Casing cemented in place
210	260	10 inch casing
260	265	Screen
265	295	Casing
295	305	Screen
305	315	Casing
315	325	Screen
325	350	Casing
350	360	Screen
360	380	Casing
380	420	Screen
420	440	Casing
440	460	Screen
460	480	Casing
480	485	Screen
485	680	Casing
680	868	Open hole in limestone

Well tested at 1538 gpm

Check to Loggers Record

City of Albany Well No. 10
 on Roosevelt Ave.
 Started Jan 29 finished Mar 28 1911

0	3	top soil	240' of 20" casing
26	23	grey sandy clay	10" casing starts at 220':
48	22	coarse sand	260 - 265 → 40 casing 10"
54	6	clay & white sand	265 - 295 → 5 screen
66	12	white sand. little fine ls.	295 - 305 → 30 casing
93	27	limestone. Cut Med. Soft	305 - 315 → 10 screen
128	35	white limestone. Soft & hard streaks	315 - 325 → 10 casing
156	28	white limestone. Hard & soft streaks	325 - 350 → 10 screen
187	31	limestone & shell rock	350 - 360 → 25 casing
248	61	grey limestone. Little fine grey & black pepper sand	360 - 380 → 10 screen
257	9	limestone, shell, streaks of grey sand, med. drilling	380 - 420 → 20 casing
289	32	med. coarse grey sand & shells	420 - 440 → 40 screen
295	6	limestone & shells. cut hard	440 - 460 → 20 casing
310	15	fine grey sand, shell	460 - 480 → 20 screen
325	15	little lime & shell w/streaks of grey & black sand.	480 - 495 → 20 casing
334	9	med. coarse grey & black sand	495 - 680 → 5 screen
337	3	hard streak of blue clay	680 → 195 casing
352	15	med. coarse grey sand. little shell	
353	1	hard streak of green clay	Total: 360' of 10" up-take pipe
361	8	grey sand. Washed down	100' of bronze Everdur screen
365	24	blue & green clay. Hard	Bottom of screen line 680'
400	15	white sand. med. coarse	Total depth of well 868'
415	15	grey sand. med. coarse	Static level 52'
431	16	green & brown clay. Hard	1248 gpm (prelim)
446	15	grey sand. soft	1538 gpm (perm. test)
447	1	green clay. hard	
457	10	grey sand. soft	
475	18	grey sand, little green clay med. soft	
480	5	hard green, black clay	
493	13	shale, hard blue clay & sand	
542	49	hard blue clay & little shale	
599	57	blue clay, shale and coarse sand, med. drilling	
617	18	black & grey sand, soft	
669	52	blue clay, little coarse sand shells, & limestone. Med.	
771	101	white limestone. med. drilling	
800	29	limestone. little fine grey sand. med. drilling	
848	48	fine ls., little fine grey sand, blue marl	
877	29	white ls with a little shell	
924	47	white ls. grey sand. soft drilling	
950	26	ls, grey sand, little blue mar. soft drilling	
985	35	sandy blue marl. fine. ls.	
1016	31	blue marl. soft	

DOUGHERTY COUNTY, CITY OF ALBANY #10

Eocene

Ocala limestone

Clay

Yellowish gray 5Y 5/1. Slightly sandy-----20 88

Sand

Yellowish gray 5Y 7/1 to grayish yellow 5Y 8/4. Fine to coarse, sub-angular, rather poorly sorted. Contains considerable silt and clay----- 3 88

Grayish orange 10YR 7/1. More silt and clay-----22 48

Similar to (23-25)----- 6 51

DO----- 3 57

Gravel

Very pale orange 10YR 8/2 to pale yellowish brown 10YR 6/2. Fine to coarse, sub-rounded, poorly sorted. Limestone and chert fragments----- 4 61

No samples----- 5 66

Limestone

Very pale orange 10YR 8/2 to pale yellowish brown 10YR 6/2. Finely detrital to dense. Contains considerable gravel, probably from above-----24 90

Sand

Very pale orange 10YR 8/2. Fine to very coarse, sub-angular, poorly sorted. Calcareous with limestone and shell fragments----- 7 97

DO. Limestone possibly dominant-----18 115

Limestone

Very pale orange 10YR 8/2 to pale yellowish brown 10YR 6/2. Mostly in small fragments. Contains considerable fine to medium and some coarse sand----- 50 120

No samples----- 8 128

Limestone

Limestone, very pale orange 10YR 8/2 to pale yellowish brown 10YR 6/2. Mostly in small fragments. Contains considerable fine to medium and some coarse sand. Mixed with large, dense fragments----- 12 140

Very pale orange 10YR 8/2. Small fragments with small bryozoa common. Not much sand----- 16 156

Sand		
Very pale orange 10YR 8/2 to pale yellowish brown 10YR 6/2. Very fine to very coarse, angular, poorly sorted. Highly calcareous and cemented in places-----	16	173
DO-----	15	187
		Total Ocala limestone-----187
Chalkstone group		
Sand,		
Yellowish gray 5Y 8/1 to light olive gray 5Y 6/1. Very fine to medium, sub-angular, fairly well sorted. Calcareous and con- taining a few Bryozoa and shell fragments-----	16	200
DO except containing considerable coarse sand-----	15	216
Limestone		
Light olive gray 5Y 6/1. Earthy and containing much very fine to medium sand-----	13	231
DO. Bryozoa common-----	18	249
DO. Sand probably dominant-----	13	262
Sand		
Light olive gray 5Y 8/1 fm. Very fine to medium, sub- rounded, fairly well sorted. Considerable calcareous ma- terial but fairly clean-----	18	280
Sand, yellowish gray 5Y 8/1 to light olive gray 5Y 6/1. Very fine to fine, well rounded, well sorted. Clean and highly phosphatic-----	15	295
DO. Contains many shell fragments-----	15	310
DO. Shell fragments very numerous-----	15	325
DO-----	9	334
DO. Highly glauconitic-----	6	340
DO-----	12	352
DO except very silty and containing fewer shell frsgments---	1	353
DO-----	32	385
Sand		
Very light gray M8. Very fine to fine, well rounded, well sorted. Phosphatic and extremely clean-----	15	400
DO-----	15	415
DO-----	16	431
DO-----	15	446

DO-----	24	507
Silt		
Medium light gray N6 to light olive gray 5Y 6/1. Mixed with much fine to medium sand-----	15	475
Limestone		
Light olive gray 5Y 5/1. Very sandy and highly glauconitic. Mixed with considerable loose sand-----	17	100
Total Claiborne group-----	305	
Wilcox group		
Sand. Olive gray 5Y 4/1. Very fine to very coarse, sub-angular, poorly sorted. Very silty and containing limestone and shell fragments-----	16	508
DO. Extremely glauconitic. Silt possibly dominant-----	16	524
DO. Silt dominant-----	13	537
DO-----	18	555
DO-----	13	568
DO. Fine sand dominant-----	20	588
DO-----	13	591
DO. Glauconite extremely abundant-----	18	617
DO. Much coarse sand. Glauconite not as abundant-----	13	630
DO-----	18	648
DO-----	13	661
Total Wilcox group-----		
Paleocene		
Clayton limestone		
Limestone		
Very light gray N6 to light gray N7-----	18	678
DO. Some very fine to fine sand-----	15	693
DO. Not much sand-----	16	710
DO-----	15	725
DO-----	16	741
DO. Some fine to medium sand-----	15	756
DO except considerable sand-----	15	771
Limestone		
Medium light gray N6 to light olive gray 5Y 6/1. Sandy, (very) glauconitic and mottled-----	16	787

DO. Some silt-----	15	802
Silt		
Light olive gray 5Y 6/1. Sandy, glauconitic and containing limestone fragments-----	20	822
Limestone		
Yellowish gray 5Y 3/1 to light olive gray 5Y 6/1. Contains some sand and silt-----	15	832
Silt		
Light olive gray 5Y 6/1. Sandy, silty and containing limestone fragments-----	15	847
Limestone		
Light gray N7. Somewhat sandy and silty-----	15	862
DO. Very sandy-----	15	877
Sand		
Light olive gray 5Y 6/1. Mostly medium to coarse, sub-rounded, poorly sorted. Calcareous, feldspathic and containing shell fragments-----	15	892
DO-----	15	907
DO-----	15	922
DO. Highly calcareous-----	15	937
DO-----	13	950
Sand		
Medium light gray N6 to light olive gray 5Y 6/1. Mostly fine to medium. Calcareous and very silty-----	15	965
Silt		
Medium light gray N6 to light olive gray 5Y 6/1. Micaceous and containing very fine sand and glauconite-----	15	980
DO-----	15	995
DO-----	21	1016