

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

VA-5C-T-11

INTERVAL SHEET

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Well Repository No: 6029

Date rec'd: Date Processed: June 21, 1979

Sample Interval: from: 0 to: 21

PROPERTY: Dow Chemical

Number of samples: 73

COMPANY:

Total Depth: 1571'

COUNTY: James City (Lee Hall)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 4	502-523	1028-1049	-
4 - 15	523-544	1049-1070	-
15 - 36	544-565	1071-1092	-
36 - 62	565-586	1092-1113	-
62 - 80	586-607	1113-1136	-
80 - 101	607-628	1136-1159	-
101 - 122	628-649	1159-1182	-
122 - 143	649-670	1182-1205	-
143 - 164	670-691	1205-1228	-
164 - 185	691-712	1228-1251	-
185 - 206	712-733	1251-1274	-
206 - 227	733-754	1274-1297	-
227 - 249	754-775	1297-1320	-
249 - 270	775-797	1320-1343	-
270 - 290	797-818	1343-1375	-
291 - 312	818-839	1375-1405	-
312 - 334	839-860	1405-1436	-
334 - 355	860-881	1436-1450	-
355 - 376	881-902	1450-1481	-
376 - 397	902-923	1481-1512	-
397 - 418	923-944	1512-1542	-
418 - 439	944-965	1542-1571	-
439 - 460	965-986	B.T - 1557	-
460 - 481	986-1007	-	-
481 - 502	1007-1028	-	-

County: James City

VDMR Well # 6029

Well: VA-JC-T-11

Property Owner: Dow Chemical, Lee Hall

Driller:

Location: 37° 11' 40" N. 76° 36' 55" W.

Altitude Top of Hole: 20

Total Depth: 1560

Started Drilling:

Completed Drilling:

Sample Description by: Kelvin Ramsey

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
	38		Post-Miocene
	84		Late Miocene
	131		Middle Miocene
	31		Jackson
	271		Claiborne
	88		Midway
	585		K-Unit F
	394		K-Unit G
	> 182		K-J-Unit H

Interval

GEOLOGIC LOG

W-6029

- 0-4 Clay - v. pale brown 10YR-7/3; moderate sand; fine grained; subangular v. poorly sorted (v. coarse-clay); some silt; some heavies; pieces organics; pieces ferricrete.
- 4-15 Sand - gray 10YR N6/; medium grained; subangular; v. poorly sorted (v. coarse-clay); abundant clay; some heavies; some glauconite; some rk fragments; few pieces ferricrete; feldspar?
- 15-36 Same as 4-15; moderate clay; abundant heavies (muscovite, biotite).
- 36-62 Sand - pale yellow 2.5Y-7/4; medium grained; subangular; v. poorly sorted (v. coarse-clay); abundant clay; abundant silt; moderate glauconite; some feldspar; few shell frag.
- 62-80 Sand - light gray 10YR-7/1; medium grained; subangular; poorly sorted (coarse-clay); abundant clay; abundant silt; abundant glauconite; few rk fragments few feldspar grains.
- 80-101 Sand; gray 5Y-6/1 w/ some yellow; medium grained; subangular; poorly sorted (coarse-clay) moderate clay; abundant silt, abundant glauconite; few pyrite grains some feldspar; moderate heavies (muscovite & biotite).
- 101-122 Same as 80-101.
- 122-143 Sand - light gray 10YR-7/1; coarse grained; subangular; poorly sorted (coarse-clay) moderate clay moderate silt; few heavies; some rk frag; some forams Nonion, Textularia articulata.
- 143-164 Sand - light gray 10YR-7/1; v. coarse grained; subrounded extremely poorly sorted (pebbles-clay) moderate clay; moderate silt; 5% shell frag; some rk frag; few heavies; some feldspar; few pebbles.
- 164-185 Sand - varied color; pebbles - subrounded; extremely poorly sorted (pebbles-clay) some clay; 85% qtz. 7% feldspar 5% rk frag; some chert, some shell.
- 185-206 Clay - light olive gray 5Y-7/2; some sand; some silt; few grains glauconite; few qtz pebbles.
- 206-227 Clay - light olive gray 5Y-7/2; some sand; medium grained; subrounded; extremely poorly sorted (pebbles-day); abundant shell frag; shark teeth; some feldspar; bone frag; v. abundant forams Uvigerina tenestrata, Textularia articulata, Nonion.
- 227-249 Same as above; coarse grained, some glauconite; Cyphogenerina.
- 249-270 Sand - olive gray 5Y-5/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); moderate clay; some silt; few shell frag. few heavies; some feldspar; moderate forams Nonion, Cyphogenerina.
- 270-290 Same as 249-270; 1% shell; few grains glauconite.
- 291-312 Same as 249-270; 1% glauconite.

Interval

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- 312-334 Same as 249-270; 3% glauconite, shark tooth; 90% "glass" qtz.
- 334-355 Sand - olive gray 5Y-5/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay) some clay; 10% glauconite; abundant coquina frags; some shell frag; few spines; 85% "glassy qtz; moderate forams Bolivina, Cyphogenerina".
- 355-376 Sand - olive gray 5Y-5/2; to black; coarse grained; subangular; poorly sorted (coarse-clay) abundant clay; 40% glauconite; abundant shell; abundant coquina 50% "glass qtz"; moderate forams Bolivina, Robulus; Marginulina Cyphogenerina.
- 376-397 Same as 355-376; large coquina frag.
- 397-418 Same as 355-376; tooth frag; few forams 20% glauconite 70% "glassy" qtz.
- 418-439 Sand- olive 5Y-5/2; coarse grained; subangular-subrounded; poorly sorted (coarse-clay); abundant clay; 15% glauconite; 40% "glassl" qtz, rest of qtz grains "cloudy"; some coquina fragments; few grains feldspar; few forams.
- 439-460 Same as 418-439 10% glauconite.
- 460-481 Same as 418-439 2% glauconite, few shell fragments; moderate clay.
- 481-502 Sand - olive gray 5Y-5/2; coarse grained; subrounded; v. poorly sorted (v. coarse-clay); moderate clay; 2% glauconite; 95% qtz grains.
- 502-523 Sand - olive gray 5Y-5/2; v. coarse grained; subrounded; extremely poorly sorted (pebbles-clay); moderate clay 2% glauconite; few grains feldspar.
- 523-544 Same as 502-523.
- 544-565 Sand - olive gray 5Y-5/2; coarse grained; subrounded; v. poorly sorted (v. coarse-clay); moderate clay; 2% glauconite; some coquina fragments; few shell frag.; few forams.
- 565-586 Sand - light brownish gray 2.5Y-6/2; coarse grained; subrounded; extremely poorly sorted (pebbles-clay); some clay; abundant silt; abundant glauconite; few shell fragments.
- 586-607 Silt - light brownish gray 2.5Y-6/2; abundant clay; abundant sand (medium grained; subrounded); few pebbles; few shell fragments; 5% glauconite; few rk fragments.
- 607-628 Sand - light brownish gray 2.5Y-6/2; v. coarse grained; subrounded; extremely poorly sorted (pebbles-clay); moderate clay; abundant silt; 2% glauconite; few grains feldspar; few qtz pebbles.

Interval

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- 628-649 Same as 607-628; few heavies (muscovite).
- 649-670 Sand - grayish brown 2.5Y-5/2; coarse grained; subrounded; v. poorly sorted (v. coarse-clay) moderate clay; abundant silt; 2% glauconite; few grains coquina.
- 670-691 Same as 649-670; 5% glauconite.
- 691-712 Sand - grayish brown 2.5Y-5/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); moderate clay; abundant silt; some glauconite; few shell frag; piece red clay.
- 712-733 Same as 691-712; few grains feldspar.
- 733-754 Sand - grayish brown 2.5Y-5/2; v. coarse grained; subangular; extremely poorly sorted (pebbles-clay); some clay; abundant silt; abundant pebbles & rk fragments; 2% glauconite; some grains feldspar; few phosphate grains; some shell frag.
- 754-775 Sand - grayish brown 2.5Y-5/2; v. coarse grained; subangular-subrounded; extremely poorly sorted (pebbles-clay); abundant clay; abundant silt; few shell fragments; some feldspar; few fragments dark gray silt & clay; 2% glauconite.
- 775-797 Same as 754-775; some sulfur; few qtz grains stained pink?
- 797-818 Same as 754-775.
- 818-839 Same as 754-775; few forams - Cibicides.
- 839-860 Same as 754-775; some red stained silt balls.
- 880-881 Same as 754-775.
- 881-902 Sand; light gray 10YR-7/1; medium grained; subrounded-subangular; poorly sorted (coarse-clay); moderate clay; moderate silt; moderate glauconite; white clay; sulfur; abundant feldspar.
- 902-923 Same as 881-902; some pebbles & v. coarse grains; few rk fragments.
- 923-944 Same as 902-923; few forams.
- 944-965 Same as 902-923.
- 965-986 Sand - grayish brown 2.5Y-5/2; v. coarse grained; subrounded; extremely poorly sorted (pebbles-clay); some clay; some silt; moderate glauconite; abundant feldspar; few heavies (muscovite); few shell frag.
- 986-1007 Sand - light brownish gray 2.5Y-6/2; v. coarse grained; subangular; extremely poorly sorted (pebbles-clay); abundant silt; little clay; some glauconite some feldspar; few heavies; few forams.

Interval

- 1007-1028 Same as 986-1007; some to moderate clay.
- 1028-1049 Sand - light brownish gray 2.5Y-6/2; v. coarse-coarse grained; subangular; ext. poorly sorted (pebbles-clay); some silt; pockets gray clay & abundant heavies; sulfur; some feldspar; some glauconite.
- 1049-1070 Sand - light brownish gray 2.5Y-6/2; v. coarse grained; subangular; v. poorly sorted (v. coarse-clay); little clay; abundant silt; moderate glauconite; some feldspar; few heavies.
- 1071-1092 Same as 1049-1070; few pieces ferricrete.
- 1092-1113 Clay - light gray 2.5Y-7/2; abundant sand; coarse grained; subangular; v. poorly sorted (v. coarse-clay); moderate silt; some glauconite; some heavies; sulfur.
- 1113-1136 Sand - light brownish gray 2.5Y-6/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); some clay; some silt; few rk fragments; few heavies; sulfur; some feldspar; some grains stained red; tooth.
- 1136-1159 Same as 1113-1136.
- 1159-1182 Clay - grayish brown 2.5Y-5/2; moderate sand; coarse grained; subangular; poorly sorted (coarse-clay); moderate silt; abundant glauconite; gray clay; sulfur; some feldspar.
- 1182-1205 Sand - light brownish gray 2.5Y-6/2; extremely coarse grained (v. coarse-pebbles); subrounded; extremely poorly sorted (pebbles-clay); some clay; moderate glauconite; some silt; few rk fragments; some heavies.
- 1205-1228 Same as 1182-1205; some glauconite; moderate heavies (muscovite).
- 1228-1251 Same as 1182-1205; shell fragment; moderate clay.
- 1251-1274 Same as 1228-1251.
- 1274-1297 Same as 1228-1251; abundant pebbles & rk fragments.
- 1297-1320 Sand - light brownish gray 2.5Y-6/2; coarse grained-subangular; extremely poorly sorted (pebbles-clay); abundant clay; abundant silt; clay & silt balls-white (weathered feldspar?); some feldspar; few pieces dark gray clay & heavies; abundant pebbles & rk fragments.
- 1320-1343 Sand - light brownish gray 2.5Y-6/2; v. coarse grained; subangular; extremely poorly sorted (pebbles-clay); moderate clay; abundant silt; few heavies; some glauconite; few grains feldspar.

Interval

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- 1343-1375 Sand - light brownish gray 2.5Y-6/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); moderate clay; abundant silt; few heavies some glauconite; sulfur; red, iron stains.
- 1375-1405 Same as 1343-1375; abundant clay; few pebbles.
- 1405-1436 Sand - light brownish gray 2.5Y-6/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); abundant clay; 15% glauconite; some forams, ostracod?; few heavies (muscovite).
- 1436-1450 Sand - light brownish gray 2.5Y-6/2; coarse grained; subangular; extremely poorly sorted (pebbles-clay); moderate clay; abundant silt; few heavies (muscovite); 5% glauconite; few grains feldspar; glauconite concentrated in pockets.
- 1450-1481 Sand - light brownish gray 2.5Y-6/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); abundant clay; abundant silt; few heavies (muscovite); some glauconite; some feldspar; some yellow-red stained grains of clay.
- 1481-1512 Clay - grayish brown 2.5Y-5/2 w/ some red staining; abundant sand; coarse grained; subangular, extremely poorly sorted (pebble-clay) few qtz pebbles; few heavies (muscovite); moderate glauconite; moderate silt few shell frag; moderate grains coquina.
- 1512-1542 Clay - light grayish brown 2.5Y-6/2 w/ some yellow staining; moderate sand; coarse grained; extremely poorly sorted (pebbles-clay); abundant silt; some qtz pebbles; moderate glauconite; few grains feldspar; few forams.
- 1542-1571 Sand - light grayish brown 2.5Y-6/2; medium grained, subangular; poorly sorted (coarse-clay); abundant clay; abundant silt; moderate glauconite; few forams; few heavies (muscovite) few shell frag.
- Bit-1557 Clay - red 10R-4/6; some qtz sand; medium grained; subangular; poorly sorted (coarse-clay); some silt, few heavies.

County: James City

VDMR Well# 6029

Well: VA-JC-T-11

Property Owner: Dow Chemical, Lee Hall

Driller:

Location: 37°11'40" N.

76°36'55" W.

Altitude Top of Hole: 20

Total Depth: 1560

Started Drilling:

Completed Drilling:

Sample Description by: Kelvin Ramsey

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0	38		Post-Miocene
38	84		Late Miocene
122	131		Middle Miocene
253	31	Jackson	
284	27	Clairborne	
311	88	Midway	
400	585	K-unit F	
985	394	K-unit G	
1379	182	K-J-unit H	

Logged by
~~Kelvin Ramsey~~ (1)

GEOLOGIC LOG

Interval	Description
0-4	Clay; v. pale brown 10YR 7/3; moderate sand; fine grained; subangular v. poorly sorted (v. coarse-clay); some silt; some heavies; pieces organics; pieces Ferricrete.
4-15	Sand; gray 10YR N 6/1; medium grained; subangular; v. poorly sorted (v. coarse-clay); abundant clay; some heavies; some glauconite; some rk fragments; few pieces Ferricrete; feldspar?
15-36	same as 4-15; moderate clay; abundant heavies (muscovite, biotite)
36-62	Sand; pale yellow 2.5Y 7/4; medium grained; subangular; v. poorly sorted (v. coarse-clay); abundant clay; abundant silt; moderate glauconite; some feldspar; few shell frag
62-80	Sand; light gray 10YR 7/1; medium grained; subangular; poorly sorted (coarse-clay); abundant clay; abundant silt; abundant glauconite; few rk fragments few feldspar grains
80-101	Sand; gray 5Y 6/1 w/ some yellow; medium grained; subangular; poorly sorted (coarse-clay) moderate clay; abundant silt; abundant glauconite; few pyrite grains some feldspar; moderate heavies (muscovite + biotite)
101-122	same as 80-101
122-143	Sand; light gray 10YR 7/1; coarse grained; subangular; poorly sorted (coarse-clay) moderate clay moderate silt; few heavies; some rk frag. (garnet-chlorite schist) 2% glauconite; 3% shell frag; some forams <i>Nonion</i> , <i>Textularia articulata</i>
143-164	Sand; light gray 10YR 7/1; v. coarse grained; subrounded; ^{extremely} poorly sorted (pebbles-clay) moderate clay; moderate silt; 5% shell frag; some rk frag few heavies; some feldspar; few pebbles
164-185	Sand; varied color; pebbles - subrounded; extremely poorly sorted (pebbles-clay) some clay; 85% qtz; 7% feldspar 5% rk frag; some chert, some shell;

- 185-206 Clay; light olive gray 5Y 7/2; some sand; some silt; few grains glauconite; few qtz pebbles
- 206-227 Clay; light olive gray 5Y 7/2; some sand; medium grained; subrounded; extremely poorly sorted (pebbles-clay); abundant shell frag; shark teeth; some feldspar; bone frag; v. abundant forams Uvigerina tenuistrata, Textularia articulata, Nonion
- 227-249 same as above; coarse grained; some glauconite; +Cyphogenerina
- 249-270 Sand; olive gray 5Y 5/2; coarse grained; subangular; v poorly sorted (v. coarse-clay); moderate clay; some silt; few shell frag. few heavies; some feldspar; moderate forams Nonion, Cyphogenerina 95% grains very distinctive "glassy" qtz.
- 270-290 same as 249-270; 1% shell; few grains glauconite
- 291-312 same as 249-270; 1% glauconite
- 312-334 same as 249-270; 3% glauconite, shark tooth; 90% "glassy" qtz.
- 334-355 Sand; olive gray 5Y 5/2; coarse grained; subangular; v poorly sorted (v. coarse-clay) some clay; 10% glauconite; abundant coquina frags; some shell frag; few spines; 85% "glassy qtz"; moderate forams Bolivina, Cyphogenerina
- 355-376 Sand; olive gray 5Y 5/2 to black; coarse grained; subangular; poorly sorted (course-dry) abundant clay; 40% glauconite; abundant shell; abundant coquina 50% "glassy qtz"; moderate forams Bolivina, Robulus, Margulina, Cyphogenerina
- 376-397 same as 355-376; large coquina frag.
- 397-418 same as 355-376; tooth frag; few forams 20% glauconite 70% "glassy" qtz

- 418-439 Sand; olive gray 5Y 5/2; coarse grained; subangular-subrounded; poorly sorted (coarse-clay); abundant clay; 15% glauconite; 40% "glassy" qtz, rest of qtz grains "cloudy"; some coquina fragments; few grains feldspar; few forams
- 439-460 same as 418-439 10% glauconite
- 460-481 same as 418-439 2% glauconite, few shell fragments; moderate clay
- 481-502 Sand; olive gray 5Y 5/2; coarse grained; subrounded; v. poorly sorted (v. coarse-clay); moderate clay; 2% glauconite; 95% qtz grains
- 502-523 Sand; olive gray 5Y 5/2; v. coarse grained; subrounded; extremely poorly sorted (pebbles-clay); moderate clay 2% glauconite; few grains feldspar
- 523-544 same as 502-523
- 544-565 Sand; olive gray 5Y 5/2; coarse grained; subrounded; v. poorly sorted (v. coarse-clay); moderate clay; 2% glauconite; some coquina fragments; few shell frag.; few forams
- 565-586 Sand; light brownish gray 2.5Y 6/2; coarse grained; subrounded; extremely poorly sorted (pebbles-clay); some clay; abundant silt; abundant glauconite; few shell fragments
- 586-607 Silt; light brownish gray 2.5Y 6/2; abundant clay; abundant sand (medium grained; subrounded); few pebbles; few shell fragments; 5% glauconite; few rk fragments.
- 607-628 Sand; light brownish gray 2.5Y 6/2; v. coarse grained; subrounded; extremely poorly sorted (pebbles-clay); moderate clay; abundant silt; 2% glauconite; few grains feldspar; few qtz pebbles
- 628-649 same as 607-628; few heavies (muscovite); few qtz

- 649-670 Sand; grayish brown 2.5Y 5/2; coarse grained; subrounded; v. poorly sorted (v. coarse-clay) moderate clay; abundant silt; 2% glauconite; few grains coquina
- 670-691 same as 649-670; 5% glauconite
- 691-712 Sand; grayish brown 2.5Y 5/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); moderate clay; abundant silt; some glauconite; few shell frag; piece red clay
- 712-733 same as 691-712; few grains feldspar
- 733-754 Sand; grayish brown 2.5Y 5/2; v. coarse grained; subangular; extremely poorly sorted (pebbles-clay); some clay; abundant silt; abundant pebbles + rk fragments. 2% glauconite; some grains feldspar; ^{few} phosphate grains; some shell frag.
- 754-775 Sand; grayish brown 2.5Y 5/2; v. coarse grained; subangular-subrounded; extremely poorly sorted (pebbles-clay); abundant clay; abundant silt. few shell fragments; some feldspar; few fragments dark gray silt + clay; 2% glauconite
- 775-797 same as 754-775; some sulfur; few qtz grains stained pink?
- 797-818 same as 754-775; few Forams - Cibicides;
- 818-839 same as 754-775; few Forams - Cibicides
- 839-860 same as 754-775; some red stained silt balls
- 860-881 same as 754-775
- 881-902 Sand; light gray 10 YR 7/1; medium grained; subrounded-subangular; poorly sorted (coarse-clay); moderate clay; moderate silt; moderate glauconite; white clay; sulfur; abundant feldspar

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- 902-923 Same as 881-902; some pebbles + v. coarse grains; few rk fragments
- 923-944 same as 902-923; few forams
- 944-965 same as 902-923
- 965-986 Sand; grayish brown 2.5Y 5/2; v. coarse grained; subrounded; extremely poorly sorted (pebbles-clay); some clay; some silt; moderate glauconite; abundant feldspar; few heavies (muscovite); few shell frag.
- 986-1007 Sand; light brownish gray 2.5Y 6/2; v. coarse grained; subangular; extremely poorly sorted (pebbles-clay); abundant silt; little clay; some glauconite some feldspar; few heavies; few forams
- 1007-1028 same as 986-1007; some to moderate clay
- 1028-1049 Sand; light brownish gray 2.5Y 6/2; v. coarse-coarse grained; subangular; ext. poorly sorted (pebbles-clay); some silt; pockets gray clay + abundant heavies; sulfur; some feldspar; some glauconite
- 1049-1070 Sand; light brownish gray 2.5Y 6/2; v. coarse grained; subangular; v. poorly sorted (v. coarse-clay); little clay; abundant silt; moderate glauconite; some feldspar; few heavies
- 1071-1092 same as 1049-1070; few pieces ferricrete
- 1092-1113 Clay; light gray 2.5Y 7/2; abundant sand; coarse grained; subangular; v. poorly sorted (v. coarse-clay); moderate silt; some glauconite; some heavies; sulfur
- 1113-1136 Sand; light brownish gray 2.5Y 6/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); some clay; some silt; few rk fragments; few heavies; sulfur; some feldspar; some grains stained red; tooth

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- 1136-1159 same as 1113-1136
- 1159-1182 Clay; grayish brown 2.5Y 5/2; moderate sand; coarse grained; subangular; poorly sorted (coarse-clay); moderate silt; abundant glauconite; gray clay; sulfur; some feldspar
- 1182-1205 Sand; light brownish gray 2.5Y 6/2; extremely coarse grained (v. coarse-pebbles); subrounded; extremely poorly sorted (pebbles-clay); some clay; moderate glauconite; some silt; few rk fragments; some heavies
- 1205-1228 same as 1182-1205; some glauconite; moderate heavies (muscovite)
- 1228-1251 same as 1182-1205; shell fragment; moderate clay
- 1251-1274 same as 1228-1251
- 1274-1297 same as 1228-1251; abundant pebbles + rk fragments
- 1297-1320 Sand; light brownish gray 2.5Y 6/2; coarse grained-subangular; extremely poorly sorted (pebbles-clay); abundant clay; abundant silt; clay + silt balls - white (weathered feldspar?); some feldspar; few pieces dark gray clay + heavies; abundant pebbles + rk fragments
- 1320-1343 Sand; light brownish gray 2.5Y 6/2; coarse grained; subangular; extremely poorly sorted (pebbles-clay); moderate clay; abundant silt; few heavies; some glauconite; few grains feldspar
- 1343-1375 Sand; light brownish gray 2.5Y 6/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); moderate clay; abundant silt; few heavies; some glauconite; sulfur; red, iron stains
- 1375-1405 same as 1343-1375; abundant clay; few pebbles

- 1405-1436 Sand; light brownish gray 2.5Y 6/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); abundant clay; 15% glauconite; some forams, ostracod?; few heavies (muscovite)
- 1436-1450 Sand; light brownish gray 2.5Y 6/2; coarse grained; subangular; extremely poorly sorted (pebbles-clay); moderate clay; abundant silt; few heavies (muscovite); 5% glauconite; few grains feldspar; glauconite concentrated in pockets
- 1450-1481 Sand; light brownish gray 2.5Y 6/2; coarse grained; subangular; v. poorly sorted (v. coarse-clay); abundant clay; abundant silt; few heavies (muscovite); some glauconite; some feldspar; some yellow-red stained grains of clay.
- 1481-1512 Clay; grayish brown 2.5Y 5/2 w/ some red staining; abundant sand; coarse grained; subangular; extremely poorly sorted (pebble-clay) few qtz pebbles; few heavies (muscovite); moderate glauconite; moderate silt few shell frag.; moderate grains coquina
- 1512-1542 Clay; light grayish brown 2.5Y 6/2 w/ some yellow staining; moderate sand-coarse grained; extremely poorly sorted (pebbles-clay); abundant silt; some qtz pebbles; moderate glauconite; few grains feldspar. few forams
- 1542-1571
- 1542-1571 Sand; light grayish brown 2.5Y 6/2; medium grained; subangular; poorly sorted (coarse-clay); abundant clay; abundant silt; moderate glauconite; few forams; few heavies (muscovite) few shell frag.
- Bit-1557 Clay; red 10R 4/6; some qtz sand; medium grained; subangular; poorly sorted (coarse-clay); some silt, few heavies