

CGS 183

Dougherty County, Georgia
J. R. Sealy, Reynolds Lumber Co. no. 2
Drilling Permit no. none
Elevation datum: not given

an asterisk * after the depth number means that a slide of some of the micro-fossils was made.

Logged by Charles Girardeau, Emory University student, completed Dec. 15, 1975

note: This is the first well logged by CG in his career. He has had but one course in geology and was taking elementary mineralogy concurrent with the logging.

- S.A. Hall*
- 97% to 100% of shale
consistently
above it?*
- 136-166 arkose sand, leached, 10 YR 6/2, feldspar, pyrite, chalc, quartz, shell fragments, fossiliferous (Foraminifera) 95% limestone, 5% shale. Dull luster, poorly sorted, very coarse grained, lime cemented, subangular to rounded.
- 166-196 * same as above. 90% limestone, 10% shale.
- 196-226 * leached, hard, 10 YR 6/2, feldspar, quartz, shale, fossiliferous (Foraminifera and coral), earthy-dull luster, poorly sorted, very coarse grained, sub angular to rounded, sandy limestone. 65% limestone, 30% quartz, 5% feldspar and shale.
- 226-256 missing
- 256-286 arkose sand, leached, M8, quartz, glauconite, shell fragments, dull luster, poorly sorted, very coarse grained, sub angular to rounded, sandy limestone. 90% limestone, 10% quartz
- 286-316 * fresh, hard, clear quartz, glauconitic, limonitic, fossiliferous (shell fragment) M8, S17 SLIDE, resinous, well sorted, medium-grained, sub rounded. 95% clear quartz, 5% shell fragments
- 316-346 same as above, less fossiliferous
- 346-357 missing
- 357-387 fresh, hard, clear quartz, fossiliferous (shell fragments), phosphatic, vitreous, medium sorted, medium sand, limy sand, 10 YR 6/2, sub rounded. Quartz 85%, Limestone 15%
- 387-417 fresh, hard, colorless quartz, same as above. 10 YR 8/2 80% quartz, 20% limy.
- 417-447 fresh, hard, 10 YR 8/2, glauconitic, limonitic, fossiliferous (very few shell fragments), vitreous luster, colorless quartz, phosphate, medium sorted, sub rounded, very coarse to coarse sand, limy sand. Quartz 60%, limy 40%
- 447-477 leached, hard, phosphate, fossiliferous (a few shell fragments), earthy-dull luster, well sorted, very coarse, lime cemented siltstone and limestone colorless quartz, silty limestone, 10 YR 6/2 Limestone 60%, limy siltstone 35%, siltstone, 5%.
- 477-507 leached, soft, glauconitic, pyritic, phosphate, colorless quartz, earthy-dull luster, well sorted, very coarse as well as fine sand. Lime cemented sandy clay and limestone and siltstone. Limestone 60%, limy clay 35%, siltstone 5% 10 YR 6/2
- 507-537 Same as above.

- 537-567 leached, soft, glauconitic, pyritic, phosphatic, colorless quartz, earthy, well sorted silt, very little calcium. 5 YR 6/1
siltstone 95%, limestone 2%
- 567-592 leached, soft, pyritic, earthy, well sorted siltstone. 5 YR 6/1
Siltstone 100%
- 597-627 Same as above
- 627-657* leached, soft, pyritic, glauconitic, phosphatic colorless quartz, fossiliferous (see slide), earthy luster, silty, well sorted, ~~xxxx~~
~~xxxxxxx~~ (some large particles), subrounded quartz, limy siltstone.
siltstone 60%, limy 25%, glauconite 10%, quartz, 5% 5YR 6/1
- 657-713 no samples
- 713-743* leached, hard, pyritic, glauconitic, phosphatic, colorless quartz, fossiliferous, earthy luster, slightly micaceous, poorly sorted, subrounded, limestone and siltstone. limy cementation 80% of silt.
limestone 30%, siltstone 20% 5 YR 6/1 porosity-siltstone high, limestone low.
- 743-773* leached, hard, slightly micaceous, pyritic, glauconitic limonitic, earthy, fossiliferous, poorly sorted, phosphatic colorless and rose quartz, lime cemented porous siltstone, limestone non porous. Silty grains medium grained, silty limestone. 5 YR 6/1
limestone 40%, silty limestone 40%, siltstone 20%
- 773-803 limy siltstone, leached, soft, pyrite, phosphatic, glauconite, colorless quartz, siltstone limestone, fossiliferous (fossil fragments), well sorted siltstone. 5 YR 6/1
siltstone 50%, limy siltstone 50%
- 803-833 Same as above.
siltstone 50%, silty limestone 50%
- 833-855 no samples
- 855-875 sandy limestone, friable, hard, colorless and rose quartz, limestone, pyrite, phosphatic, glauconite, fossiliferous (shell fragments, Foraminifera), well sorted, coarse grained, limy cement, M 7
siltstone 45%, limestone 55%
- 875-905 Same as above except medium grained.
- 905-925* Sandy limestone, leached, hard, colorless quartz, limestone, pyrite, phosphatic, glauconite, fossiliferous (shell fragments and foraminifera), slightly micaceous, well sorted, medium grained, limy cement, M 8
sand 40%, limestone 60%

- 925-955* limy sandstone, friable, hard, colorless quartz, sand, sandy limestone, phosphate, glaucinite, pyrite, fossiliferous (shell fragments and Foraminifera), slightly micaceous, well sorted, coarse grained, sub rounded sandy cement, H 7
sand 95%, limestone and fossils, 5%
- 955-985 Same as above except no pyrite.
- 985-1015 Same as above
- 1015-1075 no samples
- 1075-1105 Same as 955-985 except sand 90%, limestone 10%, and pyrite.
- 1105-1135 Same as above
sand 75%, limestone 25%
- 1129-1159* sandy limestone, leached, soft, colorless quartz, phosphate, glaucinite, pyrite, micaceous, fossiliferous (shell fragments), well sorted, very fine grained, subrounded, limy cement, 5 YR 6/1
sandy limestone 100%
- 1159-1189 sandy limestone, leached, soft, colorless quartz, phosphate, pyrite, micaceous, fossiliferous (shell fragments and Foraminifera), well sorted, medium grained, friable, sub rounded, limy cement, 5 YR 6/1
sandy limestone 80%, Quartz, 20%
- 1189-1219* limy sandstone, friable, hard, colorless quartz, phosphate, glaucinite, mica, fossiliferous (mega shells and microfossils), vitr., well sorted, very fine grained, subrounded, limy cement, 5 YR 6/1
sand 98%, limy sand 2%
- 1219-1249 limy sand, friable, hard, colorless quartz, phosphate, glaucinite, micaceous, slightly fossiliferous (shell fragment), vitreous, well sorted, fine grained, sub rounded, limy cement, 5 YR 6/1
sand 60% glaucinite 40%
- 1249-1279 no samples
- 1279-1309* limy sand, friable, hard, colorless quartz, glaucinite, slightly phosphatic, micaceous, fossiliferous (shell fragments and foraminifera), vitreous, well sorted, fine grained, sub rounded, limy cement, 5 YR 6/1
sand 65%, glaucinite 35%
- 1309-1339* limy sand, friable, hard, colorless quartz, glaucinite, slightly phosphatic, micaceous, fossiliferous (foraminifera), vitreous, well sorted, medium grained, sub rounded, limy cement 5 YR 6/1
sand 90%, glaucinite 10%
- 1339-1347 no samples

- 1347-1404 limy sand, friable, hard, colorless quartz, glaucinite, limy siltstone, micaceous, glaucinite, slightly fossiliferous (Foraminifera and shell fragments), vitreous, well sorted, fine grained and medium grained, subrounded, limy cement 5 YR 6/1 sand 95%, limy sand 2%, glaucinite 3%
- 1404-1434 Same as above but with pyrite and phosphate.
- 1434-1464 Same as above but poorly sorted. Sand 98%, limy siltstone 2%
- 1464-1495 Same as above. For. Fossiliferous (Foraminifera)
- 1495-1526 ditto
- 1526-1555 no samples
- 1555-1585* silty limy sand, friable, hard, colorless quartz, siltstone, pyrite, phosphate, glaucinite, mica, fossiliferous (Foraminifera), vitreous, well sorted, fine grained, sub rounded, limy cement, 5 YR 6/1 sand 85%, siltstone 10%, limestone 5%
- 1585-1615 fossiliferous (shell fragments and Foraminifera) Sand 90%, siltstone 5%, limestone 5%
- 1615-1645 Sand 75%, siltstone 20%, limestone 5%
- 1645-1675* sandy, limy siltstone, leached, soft, sand, limy siltstone, phosphate, glaucinite, pyrite, slightly micaceous, fossiliferous (shell fragments, Foraminifera, corals), fine grained, well sorted, silt, sub rounded, limy cement 5 YR 6/1 siltstone 80%, sand 20%
- 1675-1713 sandy, limy siltstone, leached, soft, colorless quartz, siltstone, glaucinite, phosphate, pyrite, mica, fossiliferous (Foraminifera) earthy, well sorted, fine grained, sub rounded, limy cement, 5 YR 6/1 siltstone 45%, sand 55%
- 1713-1743 Same as above. Sand 60%, siltstone 40%
- 1743-1774* limy sand, friable, hard, sand, glaucinite, phosphate, pyrite, micaceous, fossiliferous (shell fragments and Foraminifera), earthy, well sorted, fine grained, sub rounded, limy cement. Sand 98%, limy 2%
- 1774-1803* Same as above. limy sand, hard, sand, limy siltstone, phosphate, pyrite, glaucinite, micaceous, fossiliferous (Foraminifera and shell fragments). Sand 75%, limy siltstone 25%

- 1803-1827* limy sand, leached, hard, sand, siltstone phosphatic, pyritic, glauconite, micaceous, fossiliferous (Foraminifera and shell fragments) earthy, well sorted, fine grained, subrounded, limy cement, N 5
Sand 70%, limy siltstone 30%
- 1827-1857* limy siltstone, leached, soft, phosphate, pyrite, glauconite, mica, fossils (shell fragments), earthy, well sorted, limy cement, N 5
siltstone and sandstone 100%
- 1857-1889 limy siltstone, leached, soft, colorless quartz, phosphate, glauconite, pyrite, micaceous, fossiliferous (shell fragments and Foraminifera), limy cement, N 5
silty limestone 100%
- 1889-1919 sandy siltstone, leached, soft, colorless quartz, phosphate, glauconite, pyrite, micaceous, fossils (Foraminifera), earthy, silt, and medium grained, limy cement, N 5
siltstone 75% sand 25%
- 1919-1949* silty sand, leached, hard, colorless quartz, phosphate, glauconite, pyrite, micaceous, fossiliferous (Foraminifera), earthy, well sorted, ~~silty~~ silty, and medium grained and silty grained, limy cement, N 5
sand 85% siltstone 15%
- 1949-1979 limy sandy siltstone, leached, soft, colorless quartz, clay, phosphate, micaceous, slightly fossiliferous, earthy, well sorted, silty grains, limy cement, N 6
siltstone 85%, limy 15%
- 1979-2009 limy, sandy siltstone, leached, soft, colorless quartz, phosphate, mica, slightly fossiliferous (Foraminifera and shell fragments), earthy, well sorted, silty grained, limy cement N 6
siltstone 45% limy 45%, sand, 10%
- 2009-2039 limy, sandy siltstone, leached, soft, colorless quartz, sand, siltstone, phosphate, glauconitic, pyrite, micaceous, fossils (shell fragments, Foraminifera), earthy, well sorted, silty and fine grained, limy cement, N 6
sand 40%, siltstone 40%, limy 20%
- 2039-2069 As above
sand 30%, siltstone 50%, limestone 20%
- 2069-2101 As above
siltstone 70%, sand 15%, limy, 25%

- 2101-2131* limy siltstone, leached, soft, siltstone phosphatic, glauconite, micaceous, slightly fossiliferous (shell fragments and Foraminifera), earthy, well sorted, silty, limy cement, N 6 siltstone 85 %, limy 15 %
- 2131-2159 limy siltstone, leached, soft, siltstone, phosphatic, same as above siltstone 75 %, limy 25 %
- 2159-2189 As above but with pyrite. siltstone 85 %, limy 15 %
- 2189-2219* limy, sandy, siltstone, leached, soft, siltstone, colorless quartz, sand, phosphate, glauconite, micaceous, fossiliferous (shell fragments), earthy, well sorted, silty, coarse grained, subrounded, limy cement, N 7 siltstone 60 %, limy 30 %, sand, 10 %
- 2219-2240 limy siltstone, leached, soft, siltstone, colorless quartz, glauconite, slightly phosphatic, slightly micaceous, slightly fossiliferous (shell fragments and Foraminifera), earthy, well sorted, silty, limy cement, N 6 siltstone 85 %, limy 15 %
- 2249-2279 Same as above
- 2279-2309 limy siltstone, leached, soft, siltstone, colorless quartz, glauconite, phosphate, pyrite, micaceous, slightly fossiliferous (Foraminifera), earthy, well sorted, silty, limy cement, N 5 siltstone 85 %, limy 15 %
- 2309-2323 limy siltstone, leached, soft, siltstone, sand, colorless quartz, glauconite, phosphate, slightly micaceous, slightly fossiliferous (shell fragments), earthy, well sorted, silty, limy cement, N 5 siltstone 80 %, limy 15 %, sand, 5%
- 2323-2353 Same as above siltstone 85%, limy 15%
- 2353-2364* sand, friable, hard, sand, colorless quartz, glauconite, phosphate, slightly fossiliferous (shell fragments and Foraminifera), vitreous, well sorted, medium grained, subrounded, N 8 sand, 100%
- 2363-2383 sandy, limy siltstone, leached, soft, sand colorless quartz, siltstone, slightly micaceous, glauconitic, phosphatic, slightly fossiliferous (shell fragments and Foraminifera), earthy, well sorted, silty and fine grained, subrounded, limy cement, N 6 sand 35 %, siltstone 50%, limy 15 %

2363-2413 As above

2413-2433 silty, limy sand, friable, hard, sand limy siltstone, colorless quartz, glauconite, phosphate, slightly fossiliferous (shell fragments), earthy, well sorted, silty, medium grained, subrounded, limy cement, M 7
sand 60 %, siltstone 30 %, limy 10 %

2433-2463* sand, friable, hard, siltstone, colorless and white quartz, glauconite, phosphate, slightly fossiliferous (shell fragments), vitreous, poorly sorted, very coarse grained to medium grained, subangular, M 7
sand 97 %, siltstone 3 %

2463-2493 silty sand, friable, hard, sand, siltstone colorless quartz, glauconite, slightly phosphatic, slightly fossiliferous (shell fragments), vitreous, poorly sorted, very coarse to fine grained, subrounded, M 6
sand 50 %, siltstone 50 %

2493-2523 silty sand, friable, hard, siltstone, colorless and white quartz, slightly pyritic, vitreous, poorly sorted, very coarse grained to medium grained, subrounded, 5 M 3/1
sand 90 %, siltstone 10 %

2523-2553 As above, but slightly phosphatic
sand 95 %, siltstone 5 %

2553-2583 sand, friable, hard, medium grained, colorless and white quartz, feldspar, glauconite, slightly phosphatic, siltstone, vitreous, poorly sorted, very coarse grained to medium grained, subrounded, 5 Y 6/1
sand 100%

2583-2613 silty sand, friable, hard, colorless and white quartz, feldspar, glauconite, siltstone, vitreous, poorly sorted, very coarse grained to medium grained, subrounded, 5 Y 6/1
sand 85 %, siltstone 15 %

2613-2643 As above except slightly phosphatic, 5 Y 8/1
sand 90 %, siltstone, 10 %

2643-2673* sand, friable, hard, arkosic, colorless and white quartz, feldspar, slightly glauconitic, siltstone, vitreous, poorly sorted, very coarse grained to medium grained, subrounded, 5 Y 8/1
sand 98 %, siltstone, 2%

2673-2703 As above
sand 100%

2703-2733 Sand, friable, hard, arkosic, colorless, orange, and white quartz, feldspar, slightly micaceous, slightly glauconitic, vitreous, poorly sorted, very coarse to very fine grained, subangular, 5Y 6/1
sand 100%

- 2738-2768 sand, friable, hard, arkosic, colorless and orange quartz, feldspar, glauconite, phosphate, slightly micaceous, limy siltstone, fossiliferous (shell fragments and Foraminifera), vitreous, poorly sorted, coarse to fine grained, subrounded, 5Y 6/1 sand 98%, limy siltstone, 2%
- 2768-2798 sand, friable, hard, arkosic, colorless and white quartz, feldspar, glauconite, lignite, slightly phosphatic, slightly micaceous, vitreous, poorly sorted, coarse to medium grained, subangular, 5Y 6/1 sand, 100%
- 2798-2828 as above sand 98%, siltstone 2%
- 2828-2858 silty sand, friable, hard, arkosic, limy siltstone, colorless and white quartz, feldspar, glauconite, phosphatic, slightly pyritic, slightly micaceous, fossiliferous (shell fragments), vitreous, poorly sorted, boulders to fine grained, subrounded, limy cement, 5 YR 6/1 sand 90%, siltstone, 10%
- 2858-2888 silty sand, friable, hard, arkosic, limy siltstone, colorless and white quartz, feldspar, glauconite, phosphate, pyrite, slightly micaceous, fossiliferous (shell fragments and Foraminifera), vitreous, poorly sorted, coarse to fine grained, subrounded, limy cement, 5 YR 6/1 sand 85%, siltstone 15%
- 2888-2918* sandy siltstone, leached, soft, sand, siltstone, limestone, colorless quartz, glauconite, phosphate, pyrite, fossiliferous (shell fragments and Foraminifera), earthy, poorly sorted, coarse grained to silty, subrounded, limy cement, limy siltstone 60%, sand 40%
- 2918-2948 sandy siltstone, leached, soft, sand, siltstone, limestone, as above limy siltstone 50%, sand 50%
- 2948-2978 silty sand, friable, hard, arkosic, siltstone, colorless and white quartz, feldspar, glauconite, phosphate, slightly micaceous, fossils (shell fragments), vitreous, well sorted, coarse grained, subrounded, limy cement, siltstone, 5 YR 6/1 sand 90%, siltstone 10%
- 2978-3008* silty sand, friable, hard, arkosic, siltstone, colorless quartz, feldspar, glauconite, phosphate, pyrite, micaceous, slightly lignitic, fossils (shell fragments), vitreous, poorly sorted, very coarse to fine grained, subrounded, 5 YR 6/1 sand 95%, siltstone 5%
- 3008-3014 no samples.

- 3014-3043 silty sand, friable, hard, siltstone, colorless quartz, glauconite, phosphate, pyrite, micaceous, vitreous, poorly sorted, coarse to fine grained, subrounded, 5 M 6/1
sand 95 %, siltstone 5 %.
- 3043-3073 sand, friable, hard, arkosic, colorless quartz, feldspar, siltstone, slightly glauconitic, slightly micaceous, vitreous, well sorted, coarse grained, subrounded, 5Y 6/1
sand 100%
- 3073-3103 sand, friable, hard, arkosic, colorless and orange quartz, feldspar, siltstone, glauconitic, slightly micaceous, vitreous, well sorted, very coarse grained, subrounded 5Y 6/1
sand 98%, siltstone 2 %.
- 3103-3133 sand, friable, hard, arkosic, colorless and orange quartz, feldspar, siltstone, slightly glauconitic, slightly phosphatic, mica, vitreous, well sorted, very coarse grained, subrounded, 5 Y 8/1
sand, 100%
- 3133-3163 Sand, friable, hard, arkosic, colorless, white, rose, orange quartz, feldspar, siltstone, micaceous, vitreous, poorly sorted, very coarse to medium grained, subrounded, 5 Y 8/1
sand 100%
- 3163-3193 no samples
- 3193-3233 sand, friable, hard, arkosic, colorless, white and orange quartz, feldspar, vitreous, poorly sorted, very coarse to medium grained, 5 M 8/1
sand 100%
- 3233-3253 no samples.
- 3253-3283 sand, friable, hard, arkosic, colorless and orange quartz, feldspar, fossiliferous (shell fragments), vitreous, poorly sorted, very coarse to medium grained, subrounded, 5Y 8/1
sand 100 %
- 3283-3313 sand, friable, hard, arkosic, colorless white and orange quartz, feldspar, fossils (shell fragments), vitreous, poorly sorted, very coarse to medium grained, subrounded, 5Y 8/1
sand 100%
- 3133-3344 silty sand, friable, hard, arkosic, colorless and white quartz, feldspar, siltstone, glauconitic, slightly phosphatic, fossils (shell fragments), vitreous, poorly sorted, very coarse to medium grained, subrounded, limy cement
sand 85%, limy siltstone 15%
- 3344-3374 sand, friable, hard, arkosic, colorless and white quartz, siltstone, glauconitic, slightly phosphatic, fossils (shell fragments), vitreous, poorly sorted, very coarse to fine grained, subrounded,
sand 100%
- 3374-3434 no samples

- 3434-3464 sand, friable, hard, arkosic, colorless and white quartz, feldspar, slightly glauconitic, vitreous, poorly sorted, very coarse to fine grained, subrounded, 10YR 6/2
sand 100%
- 3464-3486 no samples
- 3486-3517 sand, friable, hard, arkosic, colorless quartz, feldspar, vitreous, poorly sorted, very coarse to medium grained, subrounded, 10 YR 6/2
sand 100%
- 3517-3547 sand, friable, hard, arkosic, colorless and white quartz, feldspar, siltstone, vitreous, poorly sorted, very coarse to medium grained, subrounded, 10 YR 6/2
sand 100%
- 3547-3577 sand, friable, hard, arkosic, colorless quartz, feldspar, slightly glauconitic, vitreous, poorly sorted, very coarse to medium grained, subrounded, 5 Y 7/2
sand 100%
- 3577-3607 sand, friable, hard, arkosic, colorless and white quartz, feldspar, vitreous, poorly sorted, very coarse to medium grained, subrounded, 5Y 7/2
sand 100%
- 3607-3627 sand, friable, hard, arkosic, colorless quartz, feldspar, vitreous, poorly sorted, coarse to fine grained, subrounded 5Y 7/2
sand 100%
- 3627-3657 missing samples
- 3658-3693 sand, hard, friable, arkosic, colorless white and orange quartz, feldspar, siltstone, vitreous, poorly sorted, coarse grained to medium grained, subrounded, 5Y 7/2
sand 100 %
- 3693-3723 sand, hard, friable, arkosic, colorless, white and orange quartz, feldspar, slightly phosphatic, vitreous, poorly sorted, coarse to medium grained, subrounded, 5Y 7/2
sand 100%
- 3723-3753 sand, friable, hard, colorless and white quartz, slightly micaceous, poorly sorted, very coarse to medium grained, 5Y 7/2
sand 100%
- 3753-4030 no samples
- 4030-4060 sand, friable, hard, colorless, white and orange quartz, fossils (shell fragments), vitreous, poorly sorted, very coarse to medium grained, subrounded, 5Y 7/2
sand 100%
- 4060-4085 sand, friable, hard, colorless, white and orange quartz, glauconitic, slightly fossiliferous (shell fragments) vitreous, poorly sorted, very coarse to medium grained, subrounded, 5Y 7/2
sand 100%

- 4085-4114* limy sandy siltstone, leached, soft, colorless and white quartz, siltstone, slightly micaceous, slightly fossiliferous (shell fragments), well sorted, silty and fine grained, subrounded, N6 siltstone 98%, sand 2%
- 4114-4145 sand, fresh, hard, colorless and white quartz, glauconite, phosphate, slightly fossiliferous (shell fragments), siltstone, poorly sorted, medium to very fine grained, subrounded, 5Y 8/1 sand 98%, siltstone 2%
- 4145-4175* sand, fresh, hard, arkosic, colorless and white quartz, feldspar, glauconite, phosphate, slightly fossiliferous (Foraminifera), vitreous, poorly sorted, medium to fine grained, subrounded, 5Y 8/1 sand 100%
- 4175-4205 sand, fresh, hard, arkosic, colorless and white quartz, feldspar, glauconite, phosphate, vitreous, poorly sorted, medium to fine grained, 5Y 8/1 sand 100%
- 4205-4235 Sand, fresh, hard, slightly fossiliferous (Foraminifera--result of caving?), white and colorless quartz, micaceous, limy siltstone--caving?, glauconitic, poorly sorted, coarse to fine sand, subrounded, vitreous, 5Y 7/2 sand 100%
- 4235-4295 samples missing
- 4295-4305 Sand, fresh, hard, white and colorless quartz, slightly micaceous, slightly glauconitic, poorly sorted, coarse to fine sand, subrounded, vitreous, 5Y 7/2 sand, 100%
- 4305-4325 no samples
- 4325-4365 Sand, fresh, hard, white oragne and colorless quartz, slightly micaceous, slightly phosphatic, slightly glauconitic, poorly sorted, coarse to fine grained sand, slightly limy siltstone, subrounded, 5Y 7/2 sand 100%
- 4365-4395 limy sandy claystone, leached, soft, siltstone, sand, colorless and white quartz, fossiliferous (shell fragments), slightly phosphatic, slightly glauconitic, earthy, medium grained, subrounded, 5YR 6/1 limy claystone 80%, sand 20%
- 4395-4415 samples missing
- 4415-4445 sand, fresh, hard, white and colorless quartz, slightly glauconitic, slightly phosphatic, limy siltstone (caving?), poorly sorted coarse to fine grained sand, subrounded, 5Y 7/2 sand 100%

- 4445-4475 Sand, fresh, hard, colorless and white quartz, poorly sorted, coarse to fine grained, vitreous, subrounded, 5Y 7/2 sand, 100%
- 4475-4509 sand, fresh, hard, colorless and white quartz, limy claystone, fossiliferous (shell fragments), poorly sorted, medium to fine grained sand, vitreous, subrounded, 10 YR 6/2 sand 100%
- 4509-4539 sand, fresh, hard, colorless and white quartz, limy claystone, fossiliferous (shell fragments), slightly phosphatic, slightly glauconitic, poorly sorted, coarse to fine grained, vitreous, subrounded 10 YR 6/2 sand 100%
- 4539-4569 sand, fresh, hard, colorless, orange and white quartz, slightly fossiliferous (shell fragments), slightly phosphatic, vitreous, poorly sorted, coarse to fine grained, subrounded, 5 Y 7/2 sand 100%
- 4569-4659 no samples
- 4659-4689 sand, fresh, hard, colorless and white quartz, limy claystone (caving?), slightly fossiliferous (caving?) (shell fragments), slightly glauconitic, poorly sorted, coarse to fine grained, subrounded, 10 YR 6/2 sand 98%, claystone 2%
- 4690-4722 Sand, fresh, hard, colorless quartz, limy claystone (caving?), red micaceous clay, slightly micaceous, slightly glauconitic, vitreous, poorly sorted, medium to very fine sand, rounded, 10 YR 6/2 (sample looks poorly washed) sand 100%
- 4722-4752 sand, fresh, hard, colorless, white and orange quartz, limy claystone (caving?), slightly fossiliferous (shell fragments, pelecypod), slightly phosphatic, glauconitic, vitreous, poorly sorted, coarse to very fine sand, subrounded, 5 Y 7/2 sand 98%, claystone 2%
- 4752-4782 sand, fresh, hard, colorless, white, orange, and rose quartz, limy claystone (caving), glauconitic, phosphatic, fossiliferous (shell fragments and ostracods), vitreous, poorly sorted, medium to very fine sand, rounded, 5 Y 7/2 sand 100%
- 4782-4812 Sand and claystone, fresh, hard, colorless, white and orange quartz, claystone, glauconitic, phosphatic, fossiliferous (shell fragments and a shark tooth), vitreous, poorly sorted, coarse to very fine sand, subrounded (finer sand predominates) 10 YR 6/2 sand 85% claystone 15%

- 4812-4842 sand, fresh, hard, colorless and orange quartz, micaceous claystone, micaceous, slightly glauconitic, slightly pyritic, well sorted, medium sand, subrounded, 5 Y 7/2
sand 100%
- 4842-4872 sand, fresh, hard, colorless white and orange quartz, claystone, micaceous, slightly glauconitic, slightly fossiliferous (shell fragments), poorly sorted, very coarse to fine sand, subrounded, 5 Y 7/2
sand 96%, claystone 2%
- 4872-4902 sand, fresh, hard, colorless white and orange quartz, slightly glauconitic, poorly sorted, coarse to fine grained, subrounded, 5 Y 7/2
sand 100%
- 4902-4932 sand, fresh, hard, colorless white orange, and rose quartz, slightly glauconitic, poorly sorted, coarse to fine grained, subrounded, 5 Y 7/2
sand 100%
- 4932-4962 no sample
- 4962-4992 sand, fresh, hard, colorless, white and orange quartz, micaceous, poorly sorted, coarse to fine grained, subrounded, 5 Y 7/2
sand 100%
- 4992-5022 sand, fresh, hard, colorless and white and orange quartz, glauconitic, slightly fossiliferous (Foraminifera), micaceous, well sorted, medium grained, vitreous, subrounded, 5 Y 8/1
sand 100%
- 5022-5056 sand, fresh, hard, colorless, white, orange, and smoky quartz, slightly glauconitic, vitreous, well sorted, medium grained, subrounded 5 Y 8/1
sand 100%
- 5056-5090 no samples
- 5090-5120 sand, hard, fresh, vitreous, colorless and white quartz, claystone, slightly glauconitic, phosphatic, micaceous, fossiliferous (shell fragments), slightly pyritic, well sorted, medium grained, subrounded, 5 Y 8/1
sand 100%
- 5120-5150 sand, fresh, hard, vitreous, colorless and white quartz, claystone, slightly glauconitic, phosphatic, micaceous, fossiliferous, (shell fragments), slightly pyritic, well sorted, medium grained, subrounded, 5 Y 8/1
sand 100%

- 5150-5180 limy claystone and sand, leached, hard, colorless and white quartz, limy claystone, phosphatic, slightly glauconitic, micaceous, fossiliferous (shell fragments), well sorted, coarse sand, subrounded, 5 Y 6/1
sand 50%, claystone 50%
- 5180-5210* Sand and limy claystone, fresh, hard, colorless and white quartz, limy claystone, micaceous, slightly glauconitic, phosphatic, fossiliferous (shell fragments, Bryozoa and shark tooth), vitreous, well sorted, medium grained, subrounded, 5 Y 8/1
sand 85%, limy claystone 15%
- 5210-5240 sand and limy claystone, fresh, hard, colorless and white quartz, limy claystone, micaceous, slightly glauconitic, phosphatic, slightly fossiliferous (shell fragments), vitreous, poorly sorted, coarse to fine grained, subrounded, 5 Y 8/1
sand 85%, limy claystone 15%
- 5240-5270 sand, fresh, hard, colorless, white, orange and rose quartz, limy claystone, slightly glauconitic, slightly phosphatic, fossiliferous (shell fragments and shark teeth), vitreous, poorly sorted, coarse and fine grained sand, subrounded, 5 Y 8/1
sand 95%, limy claystone 5%
- 5270-5310 sand, fresh, hard, colorless white and orange quartz, limy claystone (caving), slightly glauconitic, phosphatic, fossiliferous (shell fragments and shark teeth), vitreous, well sorted, medium and coarse grained, subrounded 5 Y 8/1
sand 100%