

GL-5
(GLF-10)
Monitoring 3 Zones

PROPOSED LWC FLORIDAN AQUIFER MONITORING

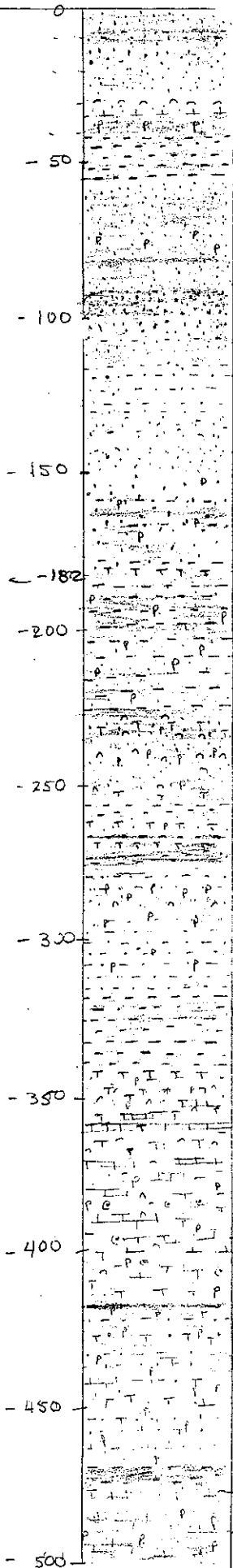
Common Name	SFWMD Station	Latitude	Longitude	X_coord	Y_coord	S-T-R	Casing Diameter (in.)	Casing Depth (ft.)	Total Depth (ft.)
AVPK-N1B	POF-21	274035	811210	434364	1211321	26-32-31	4x2	1010	1037
AVPK-NF2	POF-22	274035	811210	434364	1211321	26-32-31	8	380	460
AVPK-S2	HIF-42	273250	811642	409709	1168150	01-34-30	4x2	1010	1183
GL-5	GLF-10	265806	811854	397397	957747	27-40-30	2	1350	1390
GL-5	GLF-10	265806	811854	397397	957747	27-40-30	2	710	928
GL-5	GLF-10	265806	811854	397397	957747	27-40-30	2	475	550

GL-5C
GL-5B
GL-5A

42-381 50 SHEETS 3 SQUARE
 42-382 100 SHEETS 3 SQUARE
 42-383 200 SHEETS 3 SQUARE



Hamilton



- Primarily silt sand w/ minor amounts of phosphate grains.
- Green-gray silt w/ v.c. to coarse sand; phosphate grains
- Green silt w/ coarse sand
- Lt. tan silt w/ coarse sand
- coarse sand, TAN green silt.
- coarse sand w/ tan silt.
- v. coarse, Lt gray silt interbedded w/ very coarse phosphate
- Gray green clay, sandy phosphate (slow drilling)
- dk. green-gray clay
- gray silt w/ white micrite nodules less phosphate / w shell frags.
- Green phosphatic clay/silt (slow drilling)
- micrite w/ very little phosphate.
- Lt. gray silt, very phosphatic fine sand minor shell
- Dense dk gray clay, no phosphates (40 min to drill)
- med to Lt gray micrite, silt to fine phosphate poorly included w/ limestone stringer (hard chatter)
- bio micrite poorly to moderately included (slow drilling) medium to Lt gray
- med. gray micritic ls w/ phosphate pebbles poorly to mod inclusion w/ intermed. chatta.
- Lt gray phosphatic silt
- pale yellow med. to poorly indurated micritic ls.
- Lt gray micritic ls.
- Gray-green clay w/ silt to fine phosphate grains
- poorly included micrite w/ ls. stringers (Lt gray) Fast Drilling

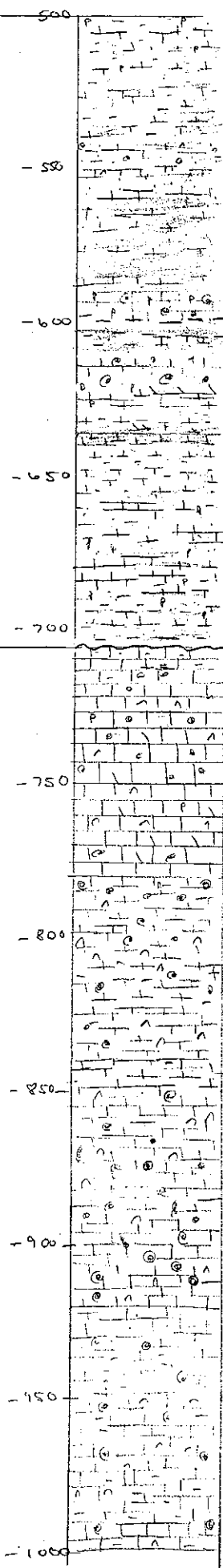
Roux Property GL-5

42 SHEETS 50 SHEETS 1 SQUARE
42 SHEETS 100 SHEETS 2 SQUARE
42 SHEETS 200 SHEETS 4 SQUARE
MADE IN U.S.A.



Suwanee LS

Upper Eocene
Ocala Group



- Lt gray poorly indurated phosphatic micrite w/ Limestone stringers
- med. green gray silt (micritic) w/ limestone stringers mod. to poorly indurated.
- phosphatic fossiliferous Limestone moderately indurated micrite cement
- Greenish-gray phosphatic micrite/silt w/ Limestone stringers
- Lt gray phosphatic L.S. moderately indurated w/ gray dolomite stringers w/ minor micrite matrix.
- med. to dk gray L.S. moderately indurated
- Lt gray micrite poorly indurated w/ minor amount of shell fragments
- med. gray L.S. (micrite) poorly indurated w/ stringers of Limestone w/ 2-5% silt size phosphate grains w/ moderately indurated L.S. stringers
- Greenish to med gray poorly indurated micrite
- pale yellow to green colored moderately to well indurated
- biomicrite / biomicrudite w/ minor amount of coarse grained dolomite w/ some dolomitic replacement.
- Lt tan to cream colored poorly to moderately indurated L.S w/ abundant shell
- Lt tan to cream moderately indurated w/ abundant shells & shell fragments, w/ few pieces of Dolomite.
- Lt tan to cream colored, moderately to poorly indurated ^{LS} w/ increased volume of micritic matrix and smaller shell fragments.
- Lt tan to cream colored, moderately to poorly indurated L.S w/ slightly larger L.S & shell fragments.

KOUX Property 6L-5

Lt tan to cream colored L.S. mod. to poorly indurated
minor amount of shell fragment.

med. gray Limestone w/ frags. of hard dolomite w/ micritic clay interspersed dolomite from #027-1032'

Gradual color change to brownish gray L.S. composed primarily of coarse grained L.S. fragment w/ minor amount of micritic matrix
No dolomite frag.

- Brown coarse grained L.S. well indurated w/ stringers of Lt gray micritic clayey limestone.
- minor amount of micritic L.S. matrix or lenses.

- interbedded well indurated brown L.S. w/ Lt to med. gray micritic L.S.

Predominately Lt Brown to Brown moderately to well indurated L.S.
- w/ minor occurrence of Lt gray stringers of micritic L.S.

- Very well indurated brown to chocolate colored dolomite / L.S. w/ minor amounts of poorly indurated Lt gray micritic L.S.
- 50-50% Brown (chocolate) L.S. & Lt gray micritic L.S.

- Lt Brown, mod. indurated L.S. w/ minor amount of Lt tan to Lt gray micritic matrix & poorly indurated stringers.
- ↑ amount of gray micritic matrix.

- Lt. Brown to Brown mod. indurated L.S. w/ interbedded Lt to med gray moderately indurated L.S. w/ Lt gray to tan colored micritic matrix.

- 50% - 50% (possible confining unit)

- Predominately Lt Brown to Brown moderately indurated w/ minor amount of Lt gray micritic matrix w/ stringers of medium gray dolosilt or dolostone.
- Lt gray poorly indurated micritic L.S.

- Lt Brown moderately indurated L.S. w/ minor amounts of Lt gray micrite matrix w/ stringers of black dolostone, dolosilt started to lose drilling mud to the formation @ 1328'

(?) Lt Brown moderately indurated L.S. w/ large nodules of medium gray dolosilt, (Lost circulation @ 1350') stopped drilling operation

= Defined by first appearance of *Dictyoconus Americanus*
Amphistegina Lopeztragoi
Discocyclina (Asterocyclina) monticellensis
Fabulana gunteri

Avon Park L.S.

Leice City.

TD 1390' unconformity (?)

(?)

42,381 50 SHEETS SQUARE
42,382 100 SHEETS SQUARE
42,383 150 SHEETS SQUARE
42,384 200 SHEETS SQUARE



NATIONAL ASSOCIATION OF GEOLOGIC MAPS

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: ~~W-16944~~ W-16944
TOTAL DEPTH: 1390 FT.
SAMPLES - NONE

COUNTY - SFWMD
LOCATION: T/R/S - NO ENTRY 40s 30E 27
LAT = N/A 265806
LON = N/A 811054
ELEVATION: N/A FT \approx 42.0 NGVD

COMPLETION DATE: N/A
OTHER TYPES OF LOGS AVAILABLE - NONE

OWNER/DRILLER: SOUTH FLORIDA WATER MANAGEMENT DISTRICT

WORKED BY: A. HOWELL (9/92)
WELL IS REPRESENTED BY WELL CUTTINGS FROM 0-1290'.
THE S.F.W.M.D. ID# FOR THE CUTTINGS IS: 043-07.
THE WELL NAME IS GL-5 (ROUX PROP.).
THE PLIO-PLleistocene UNIT WILL BE NAMED THE OKEECHOBEE FORMATION
IN THE NEAR FUTURE (T. SCOTT, PERSONAL COMMUNICATION, 7/92).

- 35 0. - ~~22.8~~^{35.0} 090UDSC UNDIFFERENTIATED SAND AND CLAY
 - 228. - 210 121PCPC PLIOCENE-PLleistocene
 - 210. - 705 122HTRN HAWTHORN GROUP
 - 705. - 1005. 124OCAL Ocala GROUP
 - 1005. - 1390. 124AVPK AVON PARK FM.
- + 0 - 3 NO SAMPLES
- + 3 - 4 SAND; MODERATE BROWN; 32% POROSITY,
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY;
GRAIN SIZE: MEDIUM; RANGE: MEDIUM TO FINE;
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY; POOR INDURATION;
CEMENT TYPE(S): ORGANIC MATRIX;
ACCESSORY MINERALS: ORGANICS-07%, PLANT REMAINS-02%, SILT-%;
- + 4 - 5 SAND; PALE YELLOWISH BROWN; 30% POROSITY,
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY;
GRAIN SIZE: MEDIUM; RANGE: FINE TO VERY COARSE;
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY; POOR INDURATION;
CEMENT TYPE(S): ORGANIC MATRIX, CLAY MATRIX;
ACCESSORY MINERALS: SILT-%;
- + 5 - 13 SAND; GRAYISH ORANGE; 30% POROSITY,
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY;
GRAIN SIZE: MEDIUM; RANGE: FINE TO COARSE;
ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX;
ACCESSORY MINERALS: PHOSPHATIC SAND-01%, SILT-%;

Stewart

- + 13 - 20 SAND; GRAYISH ORANGE TO LIGHT YELLOWISH ORANGE; 30% POROSITY,
 POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY;
 GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO COARSE;
 ROUNDNESS: ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY; POOR INDURATION;
 CEMENT TYPE(S): CLAY MATRIX, CALCILUTITE MATRIX;
 ACCESSORY MINERALS: PHOSPHATIC SAND-01%, SILT-%;
 TRANSITION ZONE BETWEEN POORLY SORTED SANDS ABOVE AND CALCAREOUS SANDS BELOW.
- + 20 - 25 SAND; LIGHT YELLOWISH ORANGE; 32% POROSITY,
 POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY;
 GRAIN SIZE: FINE; RANGE: VERY FINE TO MEDIUM;
 ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: PHOSPHATIC SAND-01%, MICA- %;
 OTHER FEATURES: CALCAREOUS;
 HIGH MICRITE CONTENT.
- + 25 - 28 SAND; YELLOWISH GRAY; 30% POROSITY,
 POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY;
 GRAIN SIZE: FINE; RANGE: VERY FINE TO COARSE;
 ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-03%, PHOSPHATIC SAND-01%, MICA- %;
 OTHER FEATURES: CALCAREOUS;
 BIMODAL DISTRIBUTION WITH COARSE GRAINS COMPOSING 15%. ALSO CONTAINS COARSE SHELL
 FRAGMENTS AND PHOSPHATE PEBBLES AND SAND.
- + 28 - 35 SAND; YELLOWISH GRAY; 20% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN SIZE: COARSE; RANGE: VERY COARSE TO MEDIUM;
 ROUNDNESS: SUB-ROUNDED TO SUB-ANGULAR; MEDIUM SPHERICITY; MODERATE INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-03%, PHOSPHATIC SAND-01%;
 OTHER FEATURES: CALCAREOUS, MEDIUM RECRYSTALLIZATION;
 HIGH CALCILUTITE CONTENT.
- + 35 - 40 SAND; OLIVE GRAY TO MODERATE BLuish GRAY; 22% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN SIZE: COARSE; RANGE: VERY COARSE TO MEDIUM;
 ROUNDNESS: SUB-ROUNDED TO SUB-ANGULAR; MEDIUM SPHERICITY; MODERATE INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: PHOSPHATIC SAND-02%, ACCESSMIN-01%;
 OTHER FEATURES: CALCAREOUS, MEDIUM RECRYSTALLIZATION;
 TRANSITION ZONE BETWEEN CALCAREOUS QUARTZ SAND ABOVE AND MUDDY SAND BELOW. THE DOMINANT
 LITHOLOGY IS THE CALCAREOUS QUARTZ SAND.
- + 40 - 55 SAND; MODERATE BLuish GRAY; 20% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN SIZE: MEDIUM; RANGE: FINE TO COARSE;
 ROUNDNESS: SUB-ROUNDED TO SUB-ANGULAR; MEDIUM SPHERICITY; POOR INDURATION;
 CEMENT TYPE(S): CLAY MATRIX;
 ACCESSORY MINERALS: PHOSPHATIC SAND-01%, SILT- %, CLAY-%;

WITHIN THE GIVEN SAMPLE, THERE ARE TWO DISTINCT LITHOLOGIES- A MUDDY SAND, THE DOMINANT LITHOLOGY, AND A FOSSILIFEROUS CLAY. THE MUDDY SAND CONTAINS APPROX. 5% SILT AND CLAY AND IS DESCRIBED ABOVE. THE CLAY CONTAINS TRACE QUARTZ SAND, TRACE MICAS, AND ABUNDANT BENTHIC FORAMINIFERA-- MILIOLIDS.

- + 55 - 62 SAND; LIGHT OLIVE GRAY; 22% POROSITY,
POROSITY: INTERGRANULAR;
GRAIN SIZE: MEDIUM; RANGE: VERY COARSE TO FINE;
ROUNDNESS: SUB-ROUNDED TO SUB-ANGULAR; MEDIUM SPHERICITY; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX;
ACCESSORY MINERALS: PHOSPHATIC SAND-01%, MICA- %, SILT- %, CLAY-%;
HIGH CLAY/SILT CONTENT-25%.
- + 62 - 100 SAND; LIGHT OLIVE GRAY; 25% POROSITY,
POROSITY: INTERGRANULAR;
GRAIN SIZE: FINE; RANGE: VERY FINE TO COARSE;
ROUNDNESS: SUB-ROUNDED TO SUB-ANGULAR; MEDIUM SPHERICITY; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX;
ACCESSORY MINERALS: MICA-02%, PHOSPHATIC SAND-01%, SILT- %, CLAY-%;
HIGH CLAY/SILT CONTENT-20%.
- + 100 - 150 SAND; LIGHT OLIVE GRAY; 25% POROSITY,
POROSITY: INTERGRANULAR;
GRAIN SIZE: MEDIUM; RANGE: VERY FINE TO COARSE;
ROUNDNESS: SUB-ROUNDED TO SUB-ANGULAR; MEDIUM SPHERICITY; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX;
ACCESSORY MINERALS: MICA-01%, PHOSPHATIC SAND- %, SILT- %, CLAY-%;
CLAY/SILT CONTENT APPROX. 15%. POORLY SORTED SAMPLE WITH WELL ROUNDED COARSE GRAINS.
- + 150 - 182 SAND; LIGHT OLIVE GRAY; 25% POROSITY,
POROSITY: INTERGRANULAR;
GRAIN SIZE: VERY COARSE; RANGE: GRANULE TO FINE;
ROUNDNESS: SUB-ROUNDED TO SUB-ANGULAR; MEDIUM SPHERICITY; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX;
ACCESSORY MINERALS: PHOSPHATIC SAND-05%, SILT- %, CLAY-%;
CLAY/SILT CONTENT 5%. INTERVAL CONTAINS COARSE, WELL-ROUNDED PHOSPHATE GRAINS.
- + 182 - 210 SAND; YELLOWISH GRAY TO LIGHT OLIVE GRAY; 27% POROSITY,
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY;
GRAIN SIZE: FINE; RANGE: VERY FINE TO VERY COARSE;
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX;
ACCESSORY MINERALS: PHOSPHATIC SAND- %, MICA- %, SILT- %, CLAY-%;
GRADUAL COLOR CHANGE DUE TO INCREASING MUD CONTENT--RANGING FROM 5-10%.
- + 210 - 220 CLAY; LIGHT OLIVE GRAY; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX;
ACCESSORY MINERALS: QUARTZ SAND-07%, PHOSPHATIC SAND-02%, SILT-%;

- + 220 - 228 CLAY; LIGHT OLIVE; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX;
ACCESSORY MINERALS: PHOSPHATIC SAND-03%, QUARTZ SAND-02%, CALCILUTITE- %, SILT- %;
OTHER FEATURES: CALCAREOUS;
HIGH CALCILUTITE CONTENT. FINE-GRAINED PHOSPHATE SAND.
- + 228 - 245 CALCILUTITE; YELLOWISH GRAY; 25% POROSITY,
POROSITY: INTERGRANULAR, INTRAGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 10% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: COARSE; RANGE: VERY FINE TO GRANULE; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX;
ACCESSORY MINERALS: PHOSPHATIC SAND-10%, ACCESSMIN-10%, QUARTZ SAND- %;
OTHER FEATURES: CHALKY, LOW RECRYSTALLIZATION;
FINE-GRAINED PHOSPHATE SAND AND PEBBLES.
- + 245 - 253 CALCILUTITE; YELLOWISH GRAY; 20% POROSITY,
POROSITY: INTERGRANULAR, INTRAGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 15% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: COARSE; RANGE: VERY FINE TO GRANULE; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX;
ACCESSORY MINERALS: ACCESSMIN-15%, PHOSPHATIC SAND-03%, QUARTZ SAND- %;
OTHER FEATURES: DOLOMITIC, MEDIUM RECRYSTALLIZATION;
CONTAINS MODERATELY RECRYSTALLIZED SHELL FRAGMENTS.
- + 253 - 262 CALCILUTITE; YELLOWISH GRAY; 25% POROSITY,
POROSITY: INTERGRANULAR, INTRAGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 10% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: COARSE; RANGE: VERY FINE TO GRANULE; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX;
ACCESSORY MINERALS: ACCESSMIN-10%, PHOSPHATIC SAND-05%, QUARTZ SAND- %;
OTHER FEATURES: CHALKY, LOW RECRYSTALLIZATION;
- + 262 - 264 CLAY; GREENISH GRAY; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX, CALCILUTITE MATRIX;
ACCESSORY MINERALS: PHOSPHATIC SAND-02%, CALCITE-01%, CALCILUTITE- %;
OTHER FEATURES: CALCAREOUS, DOLOMITIC;
CALCAREOUS CLAY WITH TRACE DOLOMITE RHOMBS.
- + 264 - 265 CLAY; YELLOWISH GRAY; MODERATE INDURATION;
CEMENT TYPE(S): CLAY MATRIX, CALCILUTITE MATRIX;
ACCESSORY MINERALS: PHOSPHATIC SAND-02%, CALCITE-01%, CALCILUTITE- %;
OTHER FEATURES: CALCAREOUS;
SLIGHTLY MORE CALCAREOUS AND RECRYSTALLIZED THAN ABOVE OR BELOW. POSSIBLY AN INTERBED.
- + 265 - 270 CLAY; GREENISH GRAY; POOR INDURATION;
CEMENT TYPE(S): CLAY MATRIX, CALCILUTITE MATRIX;
ACCESSORY MINERALS: PHOSPHATIC SAND-02%, CALCITE-01%, CALCILUTITE- %;
OTHER FEATURES: CALCAREOUS;

IDENTICAL TO INTERVAL AT 264'.

- + 270 - 320 CALCILUTITE; YELLOWISH GRAY TO LIGHT OLIVE GRAY; 25% POROSITY,
 POROSITY: INTERGRANULAR, INTRAGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 05% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: VERY COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX, CLAY MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-05%, PHOSPHATIC SAND-02%, CLAY- %;
 OTHER FEATURES: CHALKY;
 FOSSILS: FOSSIL FRAGMENTS;
 SLIGHT CHANGES IN COLOR, PHOSPHATE CONTENT, AND CLAY CONTENT. CLAY NEVER ACCOUNT FOR MORE
 THAN A TRACE. MODERATE RECRYSTALLIZATION OF SHELL FRAGMENTS.
- + 320 - 322 CALCILUTITE; WHITE;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 07% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: VERY COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-07%, PHOSPHATIC SAND-01%, CLAY- %;
 OTHER FEATURES: CHALKY;
 FOSSILS: FOSSIL FRAGMENTS;
- + 322 - 334 CALCILUTITE; YELLOWISH GRAY;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 06% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: VERY COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX, CLAY MATRIX;
 ACCESSORY MINERALS: CLAY-48%, ACCESSMIN-03%, PHOSPHATIC SAND-01%;
 FOSSILS: FOSSIL FRAGMENTS;
 INTERVAL CONTAINS SUBEQUAL PARTS OF CALCILUTITE AND CLAY. MODERATE RECRYSTALLIZATION OF
 SHELL FRAGMENTS.
- + 334 - 340 CLAY; LIGHT OLIVE GRAY; 20% POROSITY,
 POROSITY: INTERGRANULAR; POOR INDURATION;
 CEMENT TYPE(S): CLAY MATRIX, CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-01%, SILT- %, CALCILUTITE- %, PHOSPHATIC SAND- %;
 OTHER FEATURES: CALCAREOUS;
 FOSSILS: FOSSIL FRAGMENTS;
 TRACE OF COARSE SAND GRAINS ALSO PRESENT.
- + 340 - 342 CALCILUTITE; YELLOWISH GRAY; 18% POROSITY,
 POROSITY: INTERGRANULAR, PIN POINT VUGS;
 GRAIN TYPE: CALCILUTITE, BIOGENIC, CRYSTALS; 05% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: VERY COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-05%, PHOSPHATIC SAND-04%, CLAY- %;
 FOSSILS: FOSSIL FRAGMENTS, MOLLUSKS, BRYOZOA;
 SUBEQUAL PARTS OF MODERATELY INDURATED LIMESTONE AND POORLY INDURATED CALCILUTITE. SAMPLE
 ALSO CONTAINS MODERATELY RECRYSTALLIZED SHELL FRAGMENTS, ABUNDANT BRYOZOANS, PHOSPHATIZED

GASTROPODS, PEBBLY PHOSPHATE, CLAYS AND SILT.

- + 342 - 360 CALCILUTITE; VERY LIGHT ORANGE; 20% POROSITY,
 POROSITY: INTERGRANULAR, INTRAGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 05% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: VERY COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-05%, PHOSPHATIC SAND-02%;
 OTHER FEATURES: CHALKY;
 SLIGHT INDURATION INCREASE. MODERATE RECRYSTALLIZATION OF SHELL FRAGMENTS.
- + 360 - 371 LIMESTONE; VERY LIGHT ORANGE; 10% POROSITY,
 POROSITY: INTERGRANULAR, INTRAGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC, CRYSTALS; 10% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: VERY COARSE; RANGE: GRANULE TO MEDIUM; MODERATE INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-10%, PHOSPHATIC SAND-01%, QUARTZ SAND- %;
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC;
 FOSSILS: BENTHIC FORAMINIFERA;
 HIGHLY RECRYSTALLIZED MARGINOPORA FOSSILS WITHIN THE MATRIX. TRACE DOLOMITE RHOMBS.
- + 371 - 466 CALCILUTITE; WHITE; 25% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 03% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: PHOSPHATIC SAND-03%, ACCESSMIN-03%, QUARTZ SAND-01%;
 OTHER FEATURES: CHALKY, DOLOMITIC;
 FOSSILS: FOSSIL MOLDS;
 PHOSPHATE CONTENT VARIES FROM 3-5% THROUGHOUT INTERVAL. INTERVAL ALSO CONTAINS COARSE WORN SAND GRAINS AND FOSSIL MOLDS OF BIVALVES AND GASTROPODS.
- + 466 - 475 CALCILUTITE; YELLOWISH GRAY; 22% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 02% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX, CLAY MATRIX;
 ACCESSORY MINERALS: PHOSPHATIC SAND-03%, ACCESSMIN-02%, QUARTZ SAND-01%, CLAY- %;
 OTHER FEATURES: DOLOMITIC, LOW RECRYSTALLIZATION;
 CLAY/SILT CONTENT BETWEEN 2-5%. CONTAINS PHOSPHATE SAND ONLY.
- + 475 - 490 CALCILUTITE; WHITE; 25% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 02% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: PHOSPHATIC SAND-03%, ACCESSMIN-02%, QUARTZ SAND-01%;
 OTHER FEATURES: CHALKY, LOW RECRYSTALLIZATION;
 FOSSILS: FOSSIL FRAGMENTS;

- + 490 - 510 CALCILUTITE; YELLOWISH GRAY; 22% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 03% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX, CLAY MATRIX;
 ACCESSORY MINERALS: PHOSPHATIC SAND-02%, ACCESSMIN-03%, QUARTZ SAND-01%;
 OTHER FEATURES: LOW RECRYSTALLIZATION;
 FOSSILS: FOSSIL FRAGMENTS;
- + 510 - 520 CALCILUTITE; WHITE; 25% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 03% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-03%, PHOSPHATIC SAND-02%, QUARTZ SAND-01%;
 OTHER FEATURES: CHALKY, LOW RECRYSTALLIZATION;
 FOSSILS: FOSSIL FRAGMENTS;
- + 520 - 600 CALCILUTITE; WHITE TO YELLOWISH GRAY; 24% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 03% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX, CLAY MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-03%, PHOSPHATIC SAND-02%, QUARTZ SAND-01%, CLAY- %;
 OTHER FEATURES: LOW RECRYSTALLIZATION;
 FOSSILS: FOSSIL FRAGMENTS;
 COLOR VARIATION DEPENDENT ON SLIGHT VARIATION OF CLAY CONTENT. MODERATE RECRYSTALLIZATION
 OF FOSSIL FRAGMENTS.
- + 600 - 610 CALCILUTITE; WHITE; 18% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 04% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-04%, PHOSPHATIC SAND-03%, QUARTZ SAND-01%;
 OTHER FEATURES: DOLOMITIC;
 TRANSITION BETWEEN POORLY INDURATED CALCILUTITE ABOVE AND MODERATELY INDURATED LIMESTONE
 BELOW.
- + 610 - 620 LIMESTONE; WHITE TO YELLOWISH GRAY; 10% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC, CRYSTALS; 04% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: VERY COARSE TO MEDIUM; MODERATE INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-03%, QUARTZ SAND-02%, PHOSPHATIC SAND-01%;
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC;
 FOSSILS: FOSSIL MOLDS;

INTERVAL CONTAINS TWO DISTINCT LITHOLOGIES OF LIMESTONE, DISTINGUISHED BY THE COLOR DIFFERENCE. DARKER LIMESTONE HAS A HIGHER PHOSPHATE CONTENT.

- + 620 - 628 LIMESTONE; WHITE; 10% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, CRYSTALS, BIOGENIC; 04% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: VERY COARSE TO MEDIUM; MODERATE INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: CLAY- %, ACCESSMIN-03%, PHOSPHATIC SAND-01%, QUARTZ SAND-01%;
 OTHER FEATURES: DOLOMITIC;
 TRANSITION ZONE BETWEEN LIMESTONE ABOVE AND CLAYEY CALCILUTITE BELOW. HIGH CLAY/SILT CONTENT.
- + 628 - 634 CALCILUTITE; YELLOWISH GRAY; 15% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, CRYSTALS, BIOGENIC; 02% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: VERY COARSE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: CLAY- %, ACCESSMIN-02%, PHOSPHATIC SAND-01%, QUARTZ SAND- %;
 OTHER FEATURES: DOLOMITIC;
 HIGH CLAY/SILT CONTENT.
- + 634 - 640 LIMESTONE; YELLOWISH GRAY; 12% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, CRYSTALS, BIOGENIC; 02% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: VERY COARSE TO MEDIUM; MODERATE INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: CLAY- %, ACCESSMIN-02%, PHOSPHATIC SAND-01%, QUARTZ SAND- %;
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC;
 MIXTURE OF MODERATELY INDURATED MICRITE AND A DENSER, HIGHLY INDURATED LIMESTONE. SAMPLE ALSO CONTAINS CRYSTALLINE DOLOMITE. HIGH CLAY/SILT CONTENT.
- + 640 - 670 CALCILUTITE; LIGHT OLIVE GRAY; 17% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC; 02% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: COARSE; RANGE: VERY COARSE TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: CLAY- %, ACCESSMIN-02%, PHOSPHATIC SAND-02%, QUARTZ SAND- %;
 OTHER FEATURES: LOW RECRYSTALLIZATION;
 HIGH CLAY/SILT CONTENT.
- + 670 - 680 SAND; OLIVE GRAY; 22% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN SIZE: VERY FINE; RANGE: VERY FINE TO FINE;
 ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY; POOR INDURATION;
 CEMENT TYPE(S): CLAY MATRIX, CALCILUTITE MATRIX;
 ACCESSORY MINERALS: CLAY- %, SILT- %, CALCILUTITE- %, PHOSPHATIC SAND- %;
 OTHER FEATURES: CALCAREOUS;

HIGH CLAY, SILT, AND CALCILUTITE CONTENT.

- + 680 - 705 SAND; LIGHT OLIVE GRAY; 22% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN SIZE: VERY FINE; RANGE: VERY FINE TO FINE;
 ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY; POOR INDURATION;
 CEMENT TYPE(S): CLAY MATRIX;
 ACCESSORY MINERALS: CLAY- %, SILT- %, PHOSPHATIC SAND-%;
 HIGH CLAY, SILT, AND CALCILUTITE CONTENT.
- + 705 - 740 CALCILUTITE; WHITE; 20% POROSITY,
 POROSITY: INTERGRANULAR;
 GRAIN TYPE: CALCILUTITE, BIOGENIC, CRYSTALS; 20% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: VERY COARSE; RANGE: MEDIUM TO GRANULE; MODERATE INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: ACCESSMIN-20%;
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION;
 FOSSILS: FOSSIL FRAGMENTS, BENTHIC FORAMINIFERA, FOSSIL MOLDS, MOLLUSKS, BRYOZOA;
 CONTAINS OPERCULINOIDES AND LEPIDOCYCLINA (OCALANA ?), INDICATING THE TOP OF THE OCALA
 LIMESTONE. PEBBLY PHOSPHATE AND CLAYS FOUND IN SAMPLE ARE CONSIDERED CAVINGS.
- + 740 - 830 CALCARENITE; WHITE TO VERY LIGHT ORANGE; 25% POROSITY,
 POROSITY: INTRAGRANULAR, INTERGRANULAR;
 GRAIN TYPE: BIOGENIC, CALCILUTITE; 70% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: GRANULE; RANGE: GRAVEL TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: CALCILUTITE-30%, QUARTZ SAND- %;
 OTHER FEATURES: LOW RECRYSTALLIZATION, CHALKY;
 FOSSILS: BENTHIC FORAMINIFERA, MOLLUSKS, FOSSIL FRAGMENTS, ECHINOID, FOSSIL MOLDS;
 BIOCALCARENITE WITH FORAMINIFERA (NUMULITES, LEPS, OPERCS) MOLLUSKS (BIVALVES,
 GASTROPODS, AND INTERNAL MOLDS), AND ECHINOIDS (SHELLS AND SPINES). FOSSILS ARE POORLY
 PRESERVED SHELL FRAGMENTS PREDOMINATE. CALCILUTITE CONTENT DECREASES SLIGHTLY DOWNWARD.
- + 830 - 920 CALCARENITE; WHITE TO VERY LIGHT ORANGE; 25% POROSITY,
 POROSITY: INTRAGRANULAR, INTERGRANULAR;
 GRAIN TYPE: BIOGENIC, CALCILUTITE; 95% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: GRANULE; RANGE: GRAVEL TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: CALCILUTITE-05%;
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION;
 FOSSILS: BENTHIC FORAMINIFERA, FOSSIL FRAGMENTS, ECHINOID;
 FORAMINIFERAL COQUINA WITH LOW CALCILUTITE CONTENT. WELL PRESERVED SPECIMENS.
 PREDOMINATELY LEPS, NUMULITES, AND ECHINOID FRAGMENTS.
- + 920 - 1005 CALCARENITE; WHITE TO VERY LIGHT ORANGE; 25% POROSITY,
 POROSITY: INTERGRANULAR, INTRAGRANULAR;
 GRAIN TYPE: BIOGENIC, CALCILUTITE; 70% ALLOCHEMICAL CONSTITUENTS;
 GRAIN SIZE: GRANULE; RANGE: GRAVEL TO MEDIUM; POOR INDURATION;
 CEMENT TYPE(S): CALCILUTITE MATRIX;
 ACCESSORY MINERALS: CALCILUTITE-30%;
 OTHER FEATURES: LOW RECRYSTALLIZATION, CHALKY;
 FOSSILS: BENTHIC FORAMINIFERA, FOSSIL FRAGMENTS, ECHINOID;

WELL WORN BIOCALCARENITE OF NUMULITES, LEPS, AND ECHINOIDS.

- +1005 - 1055 CALCARENITE; YELLOWISH GRAY; 20% POROSITY,
POROSITY: INTRAGRANULAR, INTERGRANULAR;
GRAIN TYPE: BIOGENIC, CALCILUTITE, CRYSTALS; 70% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: GRANULE; RANGE: GRAVEL TO MEDIUM; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX;
ACCESSORY MINERALS: CALCILUTITE-30%;
OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC;
FOSSILS: BENTHIC FORAMINIFERA, FOSSIL FRAGMENTS, CONES, FOSSIL MOLDS;
ALTHOUGH THE INTERVAL REMAINS POORLY INDURATED IN THE CALCILUTITE MATRIX, MOST FOSSILS
AND FRAGMENTS APPEAR MODERATELY TO HIGHLY RECRYSTALLIZED. FOSSILS ARE WELL WORN AND
FRAGMENTED FORAMS INCLUDE MOSTLY NUMULITES AND LEPS. HOWEVER, THE INTERVAL CONTAINS THE
FIRST DICTYCONUS SPECIMENS. THE CONES TYPICALLY APPEAR IN THE BASE OF THE OCALA, BUT
BECOME ABUNDANT IN THE AVON PARK. DUE TO THEIR ABUNDANCE IN THE SAMPLE, THIS INTERVAL IS
CHOSEN AS THE TOP OF THE AVON PARK FORMATION.
- +1055 - 1150 CALCILUTITE; YELLOWISH GRAY TO WHITE; 20% POROSITY,
POROSITY: INTERGRANULAR, INTRAGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 50% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: GRANULE; RANGE: GRAVEL TO MEDIUM; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX;
ACCESSORY MINERALS: ACCESSMIN-50%;
OTHER FEATURES: LOW RECRYSTALLIZATION, CHALKY;
FOSSILS: BENTHIC FORAMINIFERA, FOSSIL FRAGMENTS, CONES;
INTERVAL CHANGES SLIGHTLY BETWEEN CALCILUTITE AND CALCARENITE, BUT THE CHANGES ARE NOT
SIGNIFICANT.
- +1150 - 1160 CALCILUTITE; YELLOWISH GRAY TO WHITE; 20% POROSITY,
POROSITY: INTERGRANULAR, INTRAGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 40% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: GRANULE; RANGE: GRAVEL TO MEDIUM; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX;
ACCESSORY MINERALS: ACCESSMIN-40%;
OTHER FEATURES: LOW RECRYSTALLIZATION, CHALKY;
FOSSILS: ECHINOID, BENTHIC FORAMINIFERA, FOSSIL FRAGMENTS;
FIRST AND ONLY APPEARANCE OF WHOLE ECHINOIDS. DIAMETERS RANGE FROM .5-1.5 CM. THE SHELL
WALLS ARE MODERATELY RECRYSTALLIZED AND FILLED WITH MICRITE.
- +1160 - 1182 CALCILUTITE; YELLOWISH GRAY TO WHITE; 20% POROSITY,
POROSITY: INTERGRANULAR, INTRAGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 35% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: GRANULE; RANGE: GRAVEL TO MEDIUM; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX;
ACCESSORY MINERALS: ACCESSMIN-35%;
OTHER FEATURES: CHALKY, LOW RECRYSTALLIZATION;
FOSSILS: FOSSIL FRAGMENTS, BENTHIC FORAMINIFERA;

SHELL FRAGMENTS ARE MODERATELY RECRYSTALLIZED.

- +1182 - 1195 DOLOSTONE; YELLOWISH GRAY TO PINKISH GRAY; 15% POROSITY,
POROSITY: INTERGRANULAR, INTRAGRANULAR; 50-90% ALTERED; SUBHEDRAL;
GRAIN SIZE: MICROCRYSTALLINE; RANGE: MICROCRYSTALLINE TO VERY FINE; MODERATE INDURATION;
CEMENT TYPE(S): DOLOMITE CEMENT;
ACCESSORY MINERALS: CALCILUTITE- %;
OTHER FEATURES: CALCAREOUS;
INDETERMINANT AMOUNT OF CALCILUTITE. FIRST AND ONLY SAMPLE OF PURE DOLOSILT.
- +1195 - 1320 CALCILUTITE; YELLOWISH GRAY TO LIGHT OLIVE GRAY; 20% POROSITY,
POROSITY: INTERGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 02% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: VERY COARSE; RANGE: GRANULE TO MEDIUM; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT;
ACCESSORY MINERALS: ACCESSMIN-02%;
OTHER FEATURES: DOLOMITIC;
DOLOMITE CONTENT RANGES BETWEEN 20-30%, RESULTING IN COLOR AND INDURATION CHANGES
THROUGHOUT THE INTERVAL.
- +1320 - 1328 CALCILUTITE; WHITE; 25% POROSITY,
POROSITY: INTERGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 05% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: VERY COARSE; RANGE: MEDIUM TO GRANULE; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX;
ACCESSORY MINERALS: ACCESSMIN-05%;
OTHER FEATURES: LOW RECRYSTALLIZATION, CHALKY;
FOSSILS: FOSSIL FRAGMENTS;
INTERBED OF CLEAN CALCILUTITE. LITTLE TO NO DOLOMITE CONTENT AS IN SURROUNDING LAYERS.
- +1328 - 1380 CALCILUTITE; WHITE TO YELLOWISH GRAY; 20% POROSITY,
POROSITY: INTERGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 01% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: COARSE; RANGE: MEDIUM TO VERY COARSE; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT;
ACCESSORY MINERALS: ACCESSMIN-01%;
OTHER FEATURES: DOLOMITIC;
DOLOMITIZATION BETWEEN 10-20%.
- +1380 - 1390 CALCILUTITE; YELLOWISH GRAY; 20% POROSITY,
POROSITY: INTERGRANULAR;
GRAIN TYPE: CALCILUTITE, BIOGENIC; 01% ALLOCHEMICAL CONSTITUENTS;
GRAIN SIZE: COARSE; RANGE: MEDIUM TO VERY COARSE; POOR INDURATION;
CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT;
ACCESSORY MINERALS: ACCESSMIN-01%;
OTHER FEATURES: DOLOMITIC, POOR SAMPLE;
SAMPLE IS VERY INDETERMINANT. IT CONTAINS CAVINGS OF CLAYS, PHOSPHATE, QUARTZ SAND, AND

CALCITE CRYSTALS.

+ 1390 TOTAL DEPTH