

W-9331, HRC No. 1 C.C. Traverse  
SE Sec. 18, T45S R25E  
Lee County (Ft. Myers SE Quad)  
GL 15', TD 1240'

Stratigraphic formations picked by F. San Juan, Jr., 8-4-76

0-200	No samples
200-700	Hawthorn formation
700-840	St. Marks formation
840-1180	Suwannee limestone
1180-1240	Ocala Group

Brief lith log (from F. San Juan, Jr., 8-4-76)

<u>Depth</u>	<u>Description</u>
0-210	No samples.
210-230	Ls, v lt orange, pp vugs, 1% clay, 1% Qz sand, mollusks, bryozoa, coral, foss frag, essentially a shellbed.
230-240	Ls, v lt orange, yel/gray, pp vugs, 1% phos sand, 1% Qz sand, 1% phos gravel, mollusks, bryozoa, echinoids, coral, forams.
240-290	Ls, v lt orange, yel/gray, pp vugs, 5% phos sand, 7% Qz sand, lo recryst, mollusks, bryozoa, echinoids, coral, forams.
290-300	Ls, v lt orange, yel/gray, pp vugs, 5% phos sand, 7% Qz sand, lo recryst, mollusks, bryozoa, echinoids, coral, forams.
300-310	Ls, v lt orange, yel/gray, pp vugs, 5% phos sand, 7% Qz sand, lo recryst, mollusks, bryozoa, echinoids, coral, forams.
310-330	Ls, v lt orange, yel/gray, pp vugs, 5% phos sand, 7% Qz sand, lo recryst, mollusks, bryozoa, echinoids, coral, forams.
330-340	Ls, v lt orange, yel/gray, 5% phos sand, 7% Qz sand, lo recryst, mollusks, bryozoa, echinoids, coral, forams.
340-350	No sample.
350-360	Ls, v lt orange, yel/gray, pp vugs, 3% phos sand, 5% Qz sand, lo recryst, mollusks, bryozoa, echinoids, coral, forams.

## W-9331, HORC No. 1 C.C. Traverse (continued)

2

<u>Depth</u>	<u>Description</u>
360-370	Ls, v lt orange, lt ol gray, pp vugs, 2% phos sand, 5% Qz sand, 5% clay, 1% phos grav, lo recryst, mollusks, bryozoa, echinoids, coral, forams.
370-380	Ls, v lt orange, yel/gray, pp vugs, 7% phos sand, 1% Qz sand, lo recryst, mollusks, bryozoa, echinoids, coral, forams.
380-390	Ls, v lt orange, yel/gray, pp vugs, 5% phos sand, 3% Qz sand, lo recryst, mollusks, bryozoa, echinoids, coral, forams.
390-400	Ls, v lt orange, yel/gray, pp vugs, 10% phos sand, 3% Qz sand, 5% Dolomite, lo recryst, mollusks, bryozoa, echinoids, coral, forams.
400-410	Ls, v lt orange, yel/gray, pp vugs, 10% phos sand, 3% Qz sand, 5% Dolomite, lo recryst, dolomitic, mollusks, bryozoa, echinoids, coral, forams.
410-440	Ls, v lt orange, yel/gray, pp vugs, 10% phos sand, 3% Qz sand, 5% Dolomite, lo recryst, dolomitic, mollusks, bryozoa, echinoids, coral, forams.
440-450	Ls, v lt orange, yel/gray, pp vugs, 1% phos sand, 1% Qz sand, lo recryst, chalky, mollusks, bryozoa, echinoids, forams.
450-460	Ls, v lt orange, yel/gray, pp vugs, 1% phos sand, 1% Qz sand, lo recryst, chalky, mollusks, bryozoa, echinoids, forams.
460-470	Ls, Yel/gray, 7% phos sand, 12% Qz sand, 5% clay, chalky, foss frag, mollusks, bryozoa, echinoids, forams.
470-480	Ls, v lt orange, yel/gray, pp vugs, 3% phos sand, 5% Qz sand, 5% clay, foss frag, mollusks, bryozoa, echinoids, forams, <u>Sorites</u> .
480-490	Dolomite, yel/gray, pp vugs, 3% phos sand, 3% Qz sand, 1% phos gravel, hi recryst, sucrosic, foss frag, mollusks, bryozoa, some microxln dark gray Dolomite.
490-500	Dolomite, yel/gray, pp vugs, 3% phos sand, 3% Qz sand, 1% phos gravel, 20% Ls, hi recryst, sucrosic, foss frag, mollusks, bryozoa.
500-520	Dolomite, yel/gray, pp vugs, 1% phos sand, 1% Qz sand, 1% phos gravel, 25% Ls, foss frag, mollusks, bryozoa, echinoids.
520-530	Dolomite, yel/gray, pp vugs, 1% phos sand, 1% Qz sand, 7% phos gravel, 25% Ls, hi recryst, sucrosic, foss frag, mollusks, bryozoa, echinoids.

W-9331, HORC No. 1 C.C. Traverse (continued)

3

<u>Depth</u>	<u>Description</u>
530-540	Dolomite, yel/gray, pp vugs, 1% phos sand, 1% Qz sand, 1% phos gravel, 5% Ls, hi recrys, sucrosic, foss frag, mollusks, bryozoa, echinoids.
540-550	Ls, v lt gray, yel/gray, pp vugs, 1% phos sand, md recrys, foss frag, mollusks, echinoids, forams.
550-560	Ls, v lt orange, v lt gray, pp vugs, md recrys, coquina, foss frag, mollusks, echinoids, forams, bryozoa.
560-570	Dolomite, lt gray, yel/gray, 1% phos sand, 1% Qz sand, 5% Ls, hi recrys, sucrosic, foss frag.
570-590	Ls, v lt gray, <u>Sorites</u> .
590-620	Ls, v lt gray, pp vugs, 1% phos sand, 3% Qz sand, md recrys, chalky, mollusks, foss frag, forams, bryozoa, echinoids.
620-630	Ls, v lt gray, yel/gray, pp vugs, 1% phos sand, 3% Qz sand, 5% Dolomite, md recrys, chalky, mollusks, foss frag, forams, bryozoa, echinoids.
630-640	Ls, v lt gray, yel/gray, pp vugs, 3% phos sand, 5% Qz sand, 5% Dolomite, md recrys, chalky, mollusks, foss frag, forams, bryozoa, echinoids.
640-650	No sample.
650-660	Ls, v lt orange, pp vugs, 5% phos sand, 7% Qz sand, lo recrys, mollusks, bryozoa, forams, vertebrate.
660-670	Ls, v lt orange, v lt gray, pp vugs, 5% phos sand, 7% Qz sand, lo recrys, mollusks, bryozoa, forams, echinoids, coral, <u>Sorites</u> .
670-710	Ls, v lt orange, v lt gray, pp vugs, 5% phos sand, 7% Qz sand, 5% Dolomite, lo recrys, mollusks, bryozoa, forams, echinoids, coral.
710-720	Ls, v lt orange, gray br, pp vugs, 1% Qz sand, md recrys, coquina, mollusks, bryozoa, forams, foss mold, foss frag.
720-730	Contaminated with very lt gray (lighter hued) Ls as in 700'.
730-740	Ls, v lt orange, gy br, pp vugs, 1% Qz sand, md recrys, coquina, dolomitic, mollusks, bryozoa, forams, foss mold, foss frag.
740-760	Ls, lt gray, yel/gray, pp vugs, 1% Qz sand, md recrys, coquina, chalky, mollusks, bryozoa, forams, foss mold, foss frag.
760-770	As above, miliolid coquina.

W-9331, HOCR No. 1 C.C. Traverse (continued)

4

<u>Depth</u>	<u>Description</u>
770-800	Ls, v lt orange, gray br, pp vugs, md recryst, coquina, chalky, mollusks, bryozoa, forams, ostracods, foss mold.
800-820	Ls, v lt orange, yel/gray, pp vugs, 1% Qz sand, 1% phos sand, md recryst, coquina, poor samp, chalky, mollusks, bryozoa, forams, ostracods, foss mold.
820-840	Ls, v lt orange, yel/gray, pp vugs, 1% Qz sand, 1% phos sand, 1% clay, 1% phos grav, md recryst, chalky, mollusks, bryozoa, forams, ostracods, foss mold.
840-850	Ls, v lt orange, pp vugs, 1% Qz sand, md recryst, coquina, chalky, mollusks, bryozoa, forams, ostracods, foss mold.
850-870	Ls, v lt orange, pp vugs, md recryst, coquina, chalky, mollusks, bryozoa, forams, ostracods, foss mold.
870-880	Ls, v lt orange, pp vugs, coquina, poor samp, mollusks, bryozoa, ostracods, forams, foss frag.
880-890	As above, pieces of olive green clay, phosphatic pebbles.
890-900	Ls, v lt orange, pp vugs, md recryst, coquina, poor samp, mollusks, bryozoa, ostracods, forams, foss frag.
900-910	Ls, v lt gray, v lt orange, 1% Qz sand, 1% phos sand, 1% phos gravel, 1% clay, lo recryst, poor samp, chalky, mollusks, bryozoa, foss frag, echinoids.
910-930	Ls, v lt gray, v lt orange, pp vugs, 1% Qz sand, 1% phos sand, 1% phos gravel, 1% clay, lo recryst, chalky, poor samp, mollusks, bryozoa, foss frag, echinoids.
930-940	Ls, v lt gray, v lt orange, pp vugs, 1% Qz sand, 1% phos sand, 1% phos gravel, 1% clay, lo recryst, poor samp, chalky, mollusks, bryozoa, foss frag, echinoids.
940-950	Dolomite, v lt orange, gray br, 10% Ls, 1% phos sand, 1% Qz sand, md recryst, sucrosic, mollusks, bryozoa, echinoids, foss frag.
950-960	Ls, v lt orange, gray br, 1% phos sand, 1% Qz sand, lo recryst, mollusks, bryozoa, echinoids, foss frag.
960-980	Ls, v lt gray, v lt orange, pp vugs, 1% phos sand, 1% Qz sand, md recryst, coquina, poor samp, mollusks, bryozoa, echinoids, ostracods, forams, Dolomite, gray br, hi recryst, sucrosic, mollusks, bryozoa, echinoid, ostracods, forams.

W-9331, HORC No. 1 C.C. Traverse (continued)

5

<u>Depth</u>	<u>Description</u>
980-1020	Limestone, v lt orange, gray br, pp vugs, 1% Qz sand, 1% phos sand, 1% clay, 5% Dolomite, lo recryst, coquina, poor samp, mollusks, bryozoa, echinoids, ostracods, forams.
1020-1030	Ls, v lt orange, v lt gray, pp vugs, 1% Qz sand, 1% phos sand, 1% clay, 1% Dolomite, lo recryst, coquina, poor samp, mollusks, bryozoa, echinoids, ostracods, forams. From 350' 3 different types of Ls - miliolid coquina, sandy and phosphatic micritic Ls. Sandy miliolid coquina, clay, gray Dolomite.
1030-1040	Ls, v lt orange, v lt gray, pp vugs, 1% Qz sand, 1% phos sand, 1% phos gravel, 10% Dolomite, mollusks, bryozoa, echinoids, ostracods, forams.
1040-1050	Ls, v lt orange, gray br, pp vugs, 1% Qz sand, 1% phos sand, 1% phos gravel, 1% Dolomite, lo recryst, coquina, poor samp, mollusks, bryozoa, echinoids, ostracods, forams. Essentially a miliolid microcoquina-some chunks sandy.
1050-1090	As above, mostly clean miliolid coquina w/scattered og calcite crystals.
1090-1100	Ls, v lt orange, gray br, pp vugs, 1% Qz sand, 1% phos sand, md recryst, coquina, poor samp, mollusks, bryozoa, echinoids, forams, ostracods. A few lighter colored Ls pieces w/sand and phosphate, <u>Rotalia mexicana</u> noted.
1100-1130	As above, barnacle noted, 5% white sand, phosphate Ls cavings.
1130-1140	Ls, v lt orange, gray br, pp vugs, 1% Qz sand, 1% phos sand, 5% clay, md recryst, coquina, poor samp, mollusks, bryozoa, echinoids, forams, ostracods.
1140-1180	Ls, v lt orange, gray br, pp vugs, 1% Qz sand, 1% phos sand, md recryst, coquina, poor samp, mollusks, bryozoa, echinoids, forams, ostracods.
1180-1190	Ls, v lt orange, gray br, pp vugs, 3% Qz sand, 1% phos sand, 5% Dolomite, md recryst, coquina, poor samp, mollusks, bryozoa, echinoids, forams, ostracods.
1190-1220	Ls, v lt orange, gray br, pp vugs, 1% Qz sand, 1% phos sand, 5% Dolomite, md recryst, coquina, poor samp, mollusks, bryozoa, echinoids, forams, ostracods. A fragment of <u>Lepidocyclina ocalana</u> .
1220-1240	Ls, v lt orange, gray br, pp vugs, 5% Dolomite, md recryst, coquina, mollusks, bryozoa, echinoids, forams, ostracods, more <u>Lepidocyclina</u> frags, <u>Operculinoides</u> noted.