W-9328, HORC Core Test #1 N.A. Smith
SWSESW, Sec. 15, T45S R25E
Lee County (Ft. Myers SE Quad)
GL 20', TD 1290'

Brief lith log of washed cuttings by C.V. Cook 12/94

| Depth | Description |
|---|---|
| 0-310 | No samples. |
| 310-500 | Not logged. |
| 500-510 | Wh, sandy, fos Ls w/1% bl and brn phos, 40% colorless, f-med, ang-subang Qz sand, 40% bl and brn phos grs, common mollusk and echinoid spine fragments and rare cheilostome bryozoa. |
| 510-520 | Ls as above, common phos fossil frags and mollusks. |
| 520-530 | Wh, sandy, silty, part dolomitized, fos Ls w/1% bl and brn phos grs, rexal mollusk frags, 5% Qz sand, 5% bl phos grs as above and rare encrusting bryozoa. |
| 530-540 | Wh, sandy, silty, part dol Ls w/1% phos, 40% yellowish gray, vfg, sucrosic xln Dol w/1% bl phos and 20% phos as pebbles and fossil frags. |
| 540-550 | Sample very small-one mollusk frag and a few grs of Qz, phos and wh, sandy Ls. |
| 550-570 | Wh, sandy, sl dolomitic Ls w/1% phos, 10% phos as fossil frags and pebbles, minor yel/gray sucrosic Dol & common cheilostome bryozoa. |
| 570-590 | Wh, sl sandy, sl dolomitic Ls, 40% vpo, vfg, sucrosic Dol, 5% phos fossil frags and pebbles, minor mollusk frags, cheilostome bryozoa & echinoid spines. |
| 590-600 | 60% vpo, fg, sucrosic Dol, 35% wh, chalky, fos, sl dol Ls, 5% phos pebbles-fossil frags; common encrusting bryozoa. |
| 600-610 | Wh, silty, chalky, part dol Ls, 25% Dol as above and minor phos as above. |
| 610-630 | Ls and 10% Dol as above; 3% phos. |
| 630-640 | Ls as above, 20% vpo,-vfg, sucrosic, vuggy Dol, minor phos pebbles. |
| 640-660 | Samples missing. |
| 660-670 | Wh, chalky-micritic, part rexal, sl sandy Ls w/1% phos grs; mollusk frags w/clear calcite crystals. |
| 670-680 | Ls as above w/<1% lt brn phos grs and rexal mollusk frags. |

| Depth | Description |
|---|---|
| 680-690 | Granular-micritic Ls as above w/3-5% lt brn and gray phos grs; rexal mollusk frags. |
| 690-700 | Granular-micritic Ls as above w/1% bl and brn phos grs; rexal mollusks. |
| 700-710 | Ls as above, some w/ calcite crystals; rare pale olive Dolosilt. |
| 710-730 | Wh, silty, sl sandy, fos Ls w/<1% bl and brn phos; some Ls part rexal. |
| 730-740 | Ls as above, 5% vpo, vfg sucrosic Dol and rexal mollusk frags. |
| 740-750 | Wh, granular-micritic, sandy, fos Ls w/1% gray phos grs and rexal mollusk frags. |
| 750-770 | Wh, granular, sandy, fos Ls w/<1% bl phos grs and rexal mollusk frags. |
| 770-790 | As above, Ls has 1-5% brn and gray phos grs. |
| 790-820 | Wh, granular, silty, sl sandy, fos Ls w/1% bl-brn-gray phos grs; rexal mollusks. |
| 820-830 | Yellowish gray, sl sandy, fg-med, xln Dol, 40% Ls as above, rare bl phos pebbles. |
| 830-850 | Dol and Ls as above; 10% loose, colorless, ang-subang, med Qz sand; 1% phos. |
| 850-860 | Vpo, part rexal, granular, fos Ls, minor Dol as above and 3% Qz sand as above. |
| 860-870 | Ls as above. |
| 870-890 | Vpo, part rexal, granular, fos Ls and 10% vpo, granular, sandy Ls. |
| 890-900 | Vpo, silty, part rexal, granular, fos Ls. |
| 900-920 | Vpo, silty, part rexal, sandy, granular, fos Ls; common rexal mollusks. |
| 920-930 | Vpo, sandy, part rexal, granular, fos Ls; 30% loose, colorless, subang, med Qz sand. |
| 930-960 | Vpo, sandy Ls, common mollusk frags, encrusting & cheilostome bryozoa;5% loose Qz sand as above. |
| 960-990 | Vpo, sandy Ls, 5% Qz sand as above. |

| Depth | Description |
|---|---|
| 990-1040 | Wh-vpo, sandy Ls and wh rexal mollusk frags. |
| 1040-1050 | Vpo, sl sandy, granular Ls and minor wh, micritic, part rexal Ls. |
| 1050-1060 | Vpo, granular, part rexal Ls. |
| 1060-1080 | As above; common echinoid spines. |
| 1080-1110 | Vpo, granular, fos, part rexal Ls. |
| 1110-1130 | Ls as above and rexal mollusk frags. |
| 1130-1140 | Vpo, silty, granular, part rexal, fos Ls; rexal mollusks; minor grayish orange, fg, xln Dol. |
| 1140-1150 | Yellowish gray, vfg xln Dol, 30% vpo, micritic Dol and 20% vpo, granular, part rexal, fos Ls. |
| 1150-1160 | 45% yel/gray Dol, 45% vpo Dol and 10% Ls as above. |
| 1160-1180 | Vpo-v lt gray, micritic Dol and 5% wh, chalky, part rexal Ls. |
| 1180-1190 | (Very small sample) Ls as above and minor vpo, micritic Dol; rare rexal Lepidocyclina. |
| 1190-1220 | Vpo, silty, part rexal, fos Ls and common Lepidocyclina. |
| 1220-1260 | Vpo, silty, part rexal, fos Ls; common Camerina. |
| 1260-1270 | Ls as above; common Camerina and Lepidocyclina. |
| 1270-1280 | Ls as above; abundant Camerina and common Lepidocyclina. |
| 1280-1290 | As above w/mollusk frags and Qz sand (contamination?). |