

SAFETY ON THIS JOB
DEPENDS ON YOU

REVISIONS			
NO	SYM	ZONE	DATE

Mole No. CB-9			
DRILLING LOG	DIVISION	INSTALLATION	SHEET
South Atlantic	Jacksonville District	Jacksonville District	1
PROJECT: St. Lucie Inlet			
LOCATION: (Coordinates of Station)			
DATE: 10 Apr 76			
DRILLING AGENCY: Corps of Engineers			
NAME OF DRILLER: J. Detloff			
ELEVATION GROUND WATER: Tidal			
DIRECTION OF HOLE: Vertical			
DATE HOLE: 10 Apr 76			
ELEVATION TOP OF HOLE: -8.5			
TOTAL CORE RECOVERY FOR BORING: 53			
GEOLOGIST: J. GENTILE			
ELEVATION	DEPTH	LEGEND	REMARKS
			BIT OR BARREL
			Blows per 0.5 ft.
			SHELLS, small size fragments, tan
			SAND, medium to coarse, quartz, slightly silty (SP)
			SAND, brown, silty (SM)
			LIMESTONE (coquina), porous, light gray, hard, very fossiliferous, sandy
			medium hard, very shelly, from -18.1 to -20.0

Mole No. CB-10			
DRILLING LOG	DIVISION	INSTALLATION	SHEET
South Atlantic	Jacksonville District	Jacksonville District	1
PROJECT: St. Lucie Inlet			
LOCATION: (Coordinates of Station)			
DATE: 30 April 1976			
DRILLING AGENCY: Corps of Engineers			
NAME OF DRILLER: J. Detloff			
ELEVATION GROUND WATER: Tidal			
DIRECTION OF HOLE: Vertical			
DATE HOLE: 30 April 1976			
ELEVATION TOP OF HOLE: -5.3			
TOTAL CORE RECOVERY FOR BORING: 22			
GEOLOGIST: J. GENTILE			
ELEVATION	DEPTH	LEGEND	REMARKS
			BIT OR BARREL
			Blows per 0.5 ft.
			SHELL, small fragments, tan, clean
			blow per 0.5 ft.
			SAND, fine to coarse, quartz and shell, very shelly, slightly silty (SP) 45% shell
			Medium coarse, quartz, organic stain, dark brown from -13.3 to -15.8, medium to coarse clean, white from -15.8 to -19.3, 2% shell below -13.3
			CLAY, plastic, sandy, stiff, green (CL)

Mole No. CB-11			
DRILLING LOG	DIVISION	INSTALLATION	SHEET
South Atlantic	Jacksonville District	Jacksonville District	1
PROJECT: St. Lucie Inlet			
LOCATION: (Coordinates of Station)			
DATE: 14 May 1976			
DRILLING AGENCY: Corps of Engineers			
NAME OF DRILLER: J. Detloff			
ELEVATION GROUND WATER: Tidal			
DIRECTION OF HOLE: Vertical			
DATE HOLE: 14 May 1976			
ELEVATION TOP OF HOLE: -9.9			
TOTAL CORE RECOVERY FOR BORING: 36			
GEOLOGIST: J. GENTILE			
ELEVATION	DEPTH	LEGEND	REMARKS
			BIT OR BARREL
			Blows per 0.5 ft.
			SAND, fine to coarse, quartz and shell fragments, gray, clean (SP)
			Slightly shelly, clean, light, quartz, from -15.9 to -19.9.

Mole No. CB-18			
DRILLING LOG	DIVISION	INSTALLATION	SHEET
South Atlantic	Jacksonville District	Jacksonville District	1
PROJECT: St. Lucie Inlet			
LOCATION: (Coordinates of Station)			
DATE: 16 May 1976			
DRILLING AGENCY: Corps of Engineers			
NAME OF DRILLER: J. Detloff			
ELEVATION GROUND WATER: Tidal			
DIRECTION OF HOLE: Vertical			
DATE HOLE: 16 May 1976			
ELEVATION TOP OF HOLE: -6.9			
TOTAL CORE RECOVERY FOR BORING: 36			
GEOLOGIST: J. GENTILE			
ELEVATION	DEPTH	LEGEND	REMARKS
			BIT OR BARREL
			Blows per 0.5 ft.
			SAND, fine to coarse, quartz and shell fragments, gray, clean (SP)
			Slightly shelly, clean, light, quartz, from -15.9 to -19.9.

Mole No. CB-21			
DRILLING LOG	DIVISION	INSTALLATION	SHEET
South Atlantic	Jacksonville District	Jacksonville District	1
PROJECT: St. Lucie Inlet			
LOCATION: (Coordinates of Station)			
DATE: 7 May 76			
DRILLING AGENCY: Corps of Engineers			
NAME OF DRILLER: J. Detloff			
ELEVATION GROUND WATER: TIDAL			
DIRECTION OF HOLE: Vertical			
DATE HOLE: 7 May 76			
ELEVATION TOP OF HOLE: -5.3			
TOTAL CORE RECOVERY FOR BORING: 53			
GEOLOGIST: J. GENTILE			
ELEVATION	DEPTH	LEGEND	REMARKS
			BIT OR BARREL
			Blows/0.5 Ft.
			SAND, fine to coarse, quartz and shell fragments, tan, clean (SP) 25% shell
			SAND, fine quartz, silty, gray (SP-SM)
			LIMESTONE, coquina, hard, porous, permeable, massive bedded, gray, fine to medium grained.

Mole No. CB-22			
DRILLING LOG	DIVISION	INSTALLATION	SHEET
South Atlantic	Jacksonville District	Jacksonville District	1
PROJECT: St. Lucie Inlet			
LOCATION: (Coordinates of Station)			
DATE: 5 May 76			
DRILLING AGENCY: Corps of Engineers			
NAME OF DRILLER: J. Detloff			
ELEVATION GROUND WATER: Tidal			
DIRECTION OF HOLE: Vertical			
DATE HOLE: 5 May 1976			
ELEVATION TOP OF HOLE: -7.5			
TOTAL CORE RECOVERY FOR BORING: 60			
GEOLOGIST: J. GENTILE			
ELEVATION	DEPTH	LEGEND	REMARKS
			BIT OR BARREL
			Blows/0.5 Ft.
			SHELL, small shell fragments
			SAND, fine to coarse, quartz and shell fragments, tan, clean (SP)
			LIMESTONE, coquina, hard, porous, permeable, massive bedded, gray

Mole No. CB-27			
DRILLING LOG	DIVISION	INSTALLATION	SHEET
South Atlantic	Jacksonville District	Jacksonville District	1
PROJECT: St. Lucie Inlet			
LOCATION: (Coordinates of Station)			
DATE: 17 May 76			
DRILLING AGENCY: Corps of Engineers			
NAME OF DRILLER: J. Detloff			
ELEVATION GROUND WATER: Tidal			
DIRECTION OF HOLE: Vertical			
DATE HOLE: 17 May 76			
ELEVATION TOP OF HOLE: -5.3			
TOTAL CORE RECOVERY FOR BORING: 53			
GEOLOGIST: J. GENTILE			
ELEVATION	DEPTH	LEGEND	REMARKS
			BIT OR BARREL
			Blows/0.5 Ft.
			SAND, fine quartz, silty, dark gray (SM)
			SAND, fine to coarse, quartz and shell fragments, tan (SP)
			SAND, fine quartz, silty, gray (SP-SM)

Mole No. CB-28			
DRILLING LOG	DIVISION	INSTALLATION	SHEET
South Atlantic	Jacksonville District	Jacksonville District	1
PROJECT: St. Lucie Inlet			
LOCATION: (Coordinates of Station)			
DATE: 5 May 76			
DRILLING AGENCY: Corps of Engineers			
NAME OF DRILLER: J. Detloff			
ELEVATION GROUND WATER: Tidal			
DIRECTION OF HOLE: Vertical			
DATE HOLE: 5 May 76			
ELEVATION TOP OF HOLE: -7.5			
TOTAL CORE RECOVERY FOR BORING: 60			
GEOLOGIST: J. GENTILE			
ELEVATION	DEPTH	LEGEND	REMARKS
			BIT OR BARREL
			Blows/0.5 Ft.
			SHELL, small shell fragments
			SAND, fine to coarse, quartz and shell fragments, slightly silty, dark gray (SP)
			LIMESTONE, coquina, hard, porous, permeable, massive bedded, gray

NOTE: FOR CORE BORING NOTES, SEE SHEET 18.

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA
ST. LUCIE INLET, FLORIDA

**DREDGING AND JETTY
CONSTRUCTION
CUTS I AND 2
CORE BORING LOGS**

DESIGN ENG
DWG NO
DATE: DEC 1977
SHEET 21 OF 31