

REVISIONS					
NO	SYM	ZONE	DESCRIPTION	DATE	APPROVED

CB-43 SAFETY ON THIS JOB DEPENDS ON YOU

DRILLING LOG		DIVISION	INSTALLATION	SHEET
PROJECT: St. Lucie Inlet		South Atlantic	Jacksonville District	1 of 1 SHEETS
LOCATION: X=776,574 Y=1,030,385				
DRILLING AGENCY: Corps of Engineers				
DATE: 26 Jun 78				
NAME OF DRILLER: J. Juliff				
DIRECTION OF HOLE: VERTICAL				
DATE HOLES: 26 Jun 78				
THICKNESS OF OVERBURDEN: -11.5				
DEPTH DRILLED INTO ROCK: 0.0				
TOTAL DEPTH OF HOLE: 11.5'				

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	CORE RECOVERY	REMARKS
			BIT OR BARREL		
-10.5	0.0		SAND, uniform to coarse quartz and shell fragments, tan, clean, (SP)	66	6.5 Blows/0.5 Ft.
-7.0	1.4		LIMESTONE, conchoidal, hard, massive bedded, porous, tan.	67	
-20.0	18.6		LIMESTONE, tan, very porous, shelly, medium hard, massive, conchoidal.	100	

DRILLING LOG		DIVISION	INSTALLATION	SHEET
PROJECT: St. Lucie Inlet		South Atlantic	Jacksonville District	1 of 1 SHEETS
LOCATION: X=776,557 Y=1,030,926				
DRILLING AGENCY: Corps of Engineers				
DATE: 22 Jun 78				
NAME OF DRILLER: J. Juliff				
DIRECTION OF HOLE: VERTICAL				
DATE HOLES: 22 Jun 78				
THICKNESS OF OVERBURDEN: -17.5				
DEPTH DRILLED INTO ROCK: 4.0				
TOTAL DEPTH OF HOLE: 14.0'				

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	CORE RECOVERY	REMARKS
			BIT OR BARREL		
-14.0	0.0		SAND, fine to medium quartz and shell fragments, clean, tight, tan. (SP)	66	11.5 Blows/0.5 Ft.
-16.8	2.0		LIMESTONE, medium hard, sandy in composition, very shelly, tan, filled with solution holes filled with loose silty sand, coarse silty sand.	67	
-19.3	4.0		LIMESTONE, tan, very porous, shelly, medium hard, massive, conchoidal.	100	

DRILLING LOG		DIVISION	INSTALLATION	SHEET
PROJECT: St. Lucie Inlet		South Atlantic	Jacksonville District	1 of 1 SHEETS
LOCATION: X=776,412 Y=1,031,045				
DRILLING AGENCY: Corps of Engineers				
DATE: 22 Jun 78				
NAME OF DRILLER: J. Juliff				
DIRECTION OF HOLE: VERTICAL				
DATE HOLES: 22 Jun 78				
THICKNESS OF OVERBURDEN: -17.5				
DEPTH DRILLED INTO ROCK: 0.0				
TOTAL DEPTH OF HOLE: 17.5'				

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	CORE RECOVERY	REMARKS
			BIT OR BARREL		
-10.5	0.0		SAND, fine to medium quartz and shell, tan, clean, tight, (SP)	40	15 Blows/0.5 Ft.
-12.0	1.5		LIMESTONE, conchoidal, medium hard, porous, poorly consolidated, tan, fine grained.	6	
-18.0	7.5		Hard, well consolidated, conchoidal from -10.0 to -18.0.	69	
-20.0	17.5		LIMESTONE, tan, very porous, shelly, medium hard, massive, conchoidal.	100	

DRILLING LOG		DIVISION	INSTALLATION	SHEET
PROJECT: St. Lucie Inlet		South Atlantic	Jacksonville District	1 of 1 SHEETS
LOCATION: X=774,618 Y=1,031,220				
DRILLING AGENCY: Corps of Engineers				
DATE: 11 July 78				
NAME OF DRILLER: R. Gordon				
DIRECTION OF HOLE: VERTICAL				
DATE HOLES: 11 July 78				
THICKNESS OF OVERBURDEN: -11.0				
DEPTH DRILLED INTO ROCK: 21.8'				
TOTAL DEPTH OF HOLE: 21.8'				

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	CORE RECOVERY	REMARKS
			BIT OR BARREL		
+1.0	0.0		SAND, light tan, medium, shelly, (SP)	20	41.0 Blows/0.5 Ft.
-2.7	4.5		Slightly shelly from -2.7.	33	
-10.7	12.2		SAND, silty, gray, fine quartz (SQ), shelly below -11.7.	33	
-14.2	16.0		LIMESTONE, medium hard, shelly, gray, porous, massive, conchoidal.	53	
-17.7	19.5		LIMESTONE, medium hard with hard layers, shelly, white, massive, conchoidal.	100	
-20.0	21.0		LIMESTONE, tan, very porous, shelly, medium hard, massive, conchoidal.	100	

DRILLING LOG		DIVISION	INSTALLATION	SHEET
PROJECT: St. Lucie Inlet		South Atlantic	Jacksonville District	1 of 1 SHEETS
LOCATION: X=774,536 Y=1,031,160				
DRILLING AGENCY: Corps of Engineers				
DATE: 11 July 78				
NAME OF DRILLER: R. Gordon				
DIRECTION OF HOLE: VERTICAL				
DATE HOLES: 11 July 78				
THICKNESS OF OVERBURDEN: -4.3				
DEPTH DRILLED INTO ROCK: 23.9'				
TOTAL DEPTH OF HOLE: 23.9'				

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	CORE RECOVERY	REMARKS
			BIT OR BARREL		
+3.3	0.0		SAND, light brown, medium, quartz, shelly (SP)	40	19.5 Blows/0.5 Ft.
-7.2	10.5		SILT, gray, sandy, clayey (ML)	100	
-9.2	12.5		LIMESTONE, soft, silty, porous.	100	
-11.0	14.2		SILT, gray, sandy, clayey, slightly shelly (ML)	100	
-14.2	17.0		LIMESTONE, light gray to white, very porous, shelly, massive, conchoidal, medium hard.	100	
-20.0	23.3		LIMESTONE, tan, very porous, shelly, medium hard, massive, conchoidal.	100	

DRILLING LOG		DIVISION	INSTALLATION	SHEET
PROJECT: St. Lucie Inlet		South Atlantic	Jacksonville District	1 of 1 SHEETS
LOCATION: X=774,618 Y=1,031,220				
DRILLING AGENCY: Corps of Engineers				
DATE: 11 July 78				
NAME OF DRILLER: R. Gordon				
DIRECTION OF HOLE: VERTICAL				
DATE HOLES: 11 July 78				
THICKNESS OF OVERBURDEN: -4.3				
DEPTH DRILLED INTO ROCK: 21.8'				
TOTAL DEPTH OF HOLE: 21.8'				

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	CORE RECOVERY	REMARKS
			BIT OR BARREL		
+1.0	0.0		SAND, light tan, medium, shelly, (SP)	20	41.0 Blows/0.5 Ft.
-2.7	4.5		Slightly shelly from -2.7.	33	
-10.7	12.2		SAND, silty, gray, fine quartz (SQ), shelly below -11.7.	33	
-14.2	16.0		LIMESTONE, medium hard, shelly, gray, porous, massive, conchoidal.	53	
-17.7	19.5		LIMESTONE, medium hard with hard layers, shelly, white, massive, conchoidal.	100	
-20.0	21.0		LIMESTONE, tan, very porous, shelly, medium hard, massive, conchoidal.	100	

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 1 AND 2  
CORE BORING LOGS

DESIGN ENG: [Signature]  
CHKD BY: [Signature]  
DATE: [Date]  
SCALE: AS SHOWN  
SHEET 23 OF 31