

WELL CUTTINGS PROCESSING FORM

SFWMD ID NO.: _____ WELL CONST. PERMIT NO.: N/A

WELL NAME: USGS m-1246 GEOPHY. LOG AVAIL. Yes No

COUNTY: Martin SFWMD GEOPHY.# 085-0000071

LOCATION: NE 1/4 of NE 1/4 of NE 1/4 of Sec. 4 Twp. 38 Rge. 40

Latitude 27 12 15 Longitude 80 20 08

Planar X 716,250 E Planar Y 1,043,800 N

DRILLER: Tony Lubrano DATE DRILLED 9/2/88

DEPTH (ft) 155' ELEVATION (NGVD) _____ (TOPO SURVEY)

NO. OF SAMPLES 49 NO. OF SPLITS 1 DATE SENT _____

SENT TO: BOG USGS _____ OTHER _____

WATER SAMPLE: CHLORIDES (mg/l) _____
LAB SAMPLE # _____

HYDRAULIC DATA AVAILABLE:
SPECIFIC CAPACITY _____ Yes _____ No
PUMP TEST _____ Yes _____ No

COMPLETION INFO: PLUGGED TEST MONITOR PRODUCTION

DRILLING METHOD: CABLE TOOL JET AUGER
 ROTARY: Mud Air Reverse Dual Wall

CASING: TYPE: PVC GALV. STEEL
DIAMETER: _____ INTERVAL: _____

SCREEN: TYPE: PVC GALV. STEEL
DIAMETER: _____ INTERVAL: _____

GEOLOGIST DESCRIPTION: NO YES _____

COMMENTS: monitor well will be ^{97'} 0-100' cased,
100'-110' screen (m-1247)
97'-107'

PROJECT Martin Co. WELL NO. M246 DATE 9/2/88

0-100
cased
100-110
screen

DEPTH	DESCRIPTION - ROCK TYPE, COLOR, HARDNESS, OTHER	
2-3	plant remains, sand, shell fragments (spoil bank)	
3-4	lt gray sand	
4-5	white sand	
5-6	dk. black sand	
6-7	brown sand, minor silt	
7-8	sand (coarse) & gray brown clay	
8-10	tan sandy silt	
10-12	soft tan sandy silt	
12-14	sand	
14-16	coarse sand, dk gray silt	
16-18	very fine sand (hard to catch)	
18-22	shell with limestone pieces	added water mixed mud
22-24	shell w/phosphatic sandstone	
24-27	dk gray shell, sand fine to coarse, minor silt	
27-34	shell, limestone, sandstone	
34-36	shell, gray phosph. silt, limestone	
36-38	orange tan shell, sandstone	added water mixed mud
38-42	sand, shell tan to gray	
42-45	shell, sandstone	
45-50	very fine dk gray sand, shell	
50-53	dk gray shell, carbonate	
53-57	whole lt tan shell, very thin shells, minor gray clay	
57-62	shell, green clay increasing with depth	
62-65	shell, dk gray limestone	added lots of water
65-70	limestone - dk gray, minor shell	
70-74	coquina gray, shells	
74-82	orange shell, gray sandy limestone bit chatter	added water
	alternating layers sand & shell vs limestone	added water
80-90	same as above, minor chatter	
90-95	shell, some silt	
95-100	sand, shell, some sandstone, silt	added water added @ the
103-110	gray to tan phos. sandstone, chatter	added water
125-140	shell, minor limestone (very little chatter, softer)	added water
140-151	shell, sandstone	
151-155	green clay	