

4R190520

5/20/19

On board RV Pintail for SERDP/NT
sediment coring. Captain Cristina Wright
with Grace Massery, Jessie Turner, Danielle
Larney, Dennis Kiptoo, Sam Concalde,
and Fern Sabar. Location off
Gardun Beach. On site @ 10:53 EDT

1872 Hurray Cast @ 10:54 EDT

37.2134 -76.5187
depth 3.31 m
temp ave: 22.07
salinity ave: 15.19

1873 ADCP @ anchor - was not recording

1874 Gravity Core @ 11:18 EDT
blow out

1875 Gravity Core @ 11:19 EDT
blow out

moved up on anchor

1876 Gravity Core @ 11:23 EDT
blow out

Moved to near mouth of Indian
Fields Creek

6877 Harry Cast @ 11:52 EDT

37.2646
-76.5399

depth: 5.73
air temp: 22.06
air salinity: 15.18

6878 (divers in water 12:20 EDT)

↳ Box corer 12:21 EDT

• GUST

~~MINI~~

• Shear sample (Dennis - small cores ~~red cap~~)

3 cm:
surface: ~~3000ms~~
± kPa 1.2

our cores

6 cm: 1.2

6879 ~~Diver cores~~ ADCP #

6880 Diver core

• Dennis small core (red cap) 12:29 EDT

6881 Diver core

• Dennis small core (red cap) 12:33 EDT

6882 Diver core first core

• ~~Geost~~ (too much sample) 12:40
will be Dennis Shear sample

6883 Box corer 12:40

• X-ray

• Slice GSA

Surface: 0.5 kPa

3 cm:

6 cm:

6884 Diver collected core 12:45 EDT
• Gust

6885 Diver core 12:51 EDT
• X Ray (too full)

6886 Diver core 12:57 EDT
• GSA slice

6887 Diver core 1:03 EDT
• Gust

6888 Diver core 1:09 EDT
• X Ray

6889 Diver core 1:15 EDT
• Stress for Dennis

6890 Diver core 1:24 EDT
• Stress for Dennis
Surface: 0.8 (P) 0.7 kPa (V)
3 cm: 1.5 kPa (P) 1.3 kPa (V)
6 cm: 0.9 kPa (P) 1.1 kPa (V)
9 cm: 0.4 kPa (P) 0.7 kPa (V)
12 cm: 0.8 kPa (P) 0.7 kPa (V)
15 cm: 0.9 (V) 0.5 (P)
18 cm: 0.9 (V) 0.5 (P)

6891 (Pivers out of water 1:29 pm EDT)
Surface: 0.7 kPa (P) 1.1 kPa (V)
3 cm: 1.6 kPa (V)
6 cm: 1.5 kPa (V)
9 cm: 1.6 kPa (V)
12 cm: 1.8 kPa (V)
15 cm: 1.3 kPa (V)
18 cm: 1.1

6891 Diver core 1:28 pm EDT 6891
• Gust

6892 Box Corer 1:39 pm EDT
~~• X Ray~~
• Slice GSA

(Divers in water 1:55 pm)
6893 Diver core 1:45 pm EDT 6893
• X Ray

6894 Diver core 2:06 pm EDT 6894
• Slice GSA

6895 Box Corer 2:18 pm EDT 6895
• X Ray
• Gust

6896 Box Corer 2:39 pm EDT 6896
• Gust
• Stress for Dennis

Surface: 0.1 kPa (P) 0.8 kPa (V)

3 cm: 1.0 kPa (V)

6 cm: 0.8 kPa (V)

~~12~~ 9 cm: 1.1 kPa (V)

12 cm: 1.1 kPa (V)

15 cm: 1.0 kPa (V) 1.1 kPa (P)

18 cm: 0.7 kPa (P) 0.8 (V)

*Pum
in N
of

6902 ADCP transmits at EBB TIDE

BOAT SHOT OFF!!

