

2015-03 PBS Grab Descriptions

PBS76 : IOS Log: Event 26

53 22.11	129 9.838	395m
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M: Mud. Very fine consistency. Thin organic veneer overlying darker sediments

Heart urchins, ophuroids, small bits of shell fragments.

Smell normal (not anoxic even in black sediments) where there were old burrow traces

Colour: Surface veneer: 5Y 3/2 (Dark olive gray), underlying sediments: 5Y 2.5/1 (Black).

PBS82 IOS Log: Event 44

53 26.903	129 12.479	399m
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M: Mud: Very fine consistency.

Polychaete tubes, scaphopods, evidence of bioturbation

Smell normal

Colour: 5Y 3/2 (Dark olive gray)

PBS83 IOS Log: Event 45

53 28.624	129 13.685	346m
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M: Mud: Very fine consistency with good compaction at depth

Very rich in organisms: heart urchins, ophuroids, bivalves, amphipods, polychaetes.

Smell normal but slightly more “earthy”, not “limey”

Colour: 2.5Y 3/2 Very dark gray brown

*Note; this is roughly 1 cable from the actual station requested due to a large tree being in the water.

PBS84 IOS Log: Event 46

53 32.769	129 11.509	324m
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M: Mud: Very fine consistency with good compaction at depth

Very rich in organisms: echinurians, heart urchins, ophuroids, transparent species of cucumber, scaphopods, polychaete tubes.

Smell normal but with a limey component

Colour: 5Y 3/2 Dark olive gray

PBS85 IOS Log: Event 47

53 34.57	129 12.622	296m
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G: Gravel. Grab did not close. Jaws closed on a rock approximately 4”x2”

Small serpulids and some encrusting bryozoa