

CORE 1

Depth Interval	Lithology and Facies	Fossils
1-F Surface to 120 m	<i>Hummocky, crossbedded, medium-grained sandstone with abundant fossils.</i> <i>Facies: Storm-dominated Shelf</i>	Taxon: Taxon Range: Peak: Env. Range: Taxon: Taxon Range: Peak: Env. Range: Taxon: Taxon Range: Peak: Env. Range: Additional Fossil Mentioned on Label: Time Dating Given: Concurrent Range:
1-E 120m to 250m	<i>Facies: Marine shelf.</i>	Taxon: Kingdom Protista - Diatoms Taxon Range: Peak: Env. Range: Taxon: Kingdom Protista - Coccoliths Taxon Range: Peak: Env. Range: Concurrent Range:
1-D 250m to 280m	<i>Descr.: white, gypsum, algal laminates.</i> <i>Facies: Supra-Tidal</i>	None
1-C 280m to 360m	<i>Descr.: Dark grey micrite and biomicrite.</i> <i>Facies:Lagoon or Sub-tidal</i>	Taxon: Taxon Range: Peak: Env. Range: Taxon: Taxon Range: Peak: Env. Range: Taxon: Taxon Range: Peak: Env. Range: Concurrent Range:
1-B 360m to 430m	<i>Facies: Beach at the end of a short transport system.</i>	None
1-A 430m to bottom of core	<i>Igneous bedrock (granite).</i>	None

CORE 2

Depth Interval	Lithology and Facies	Fossils
2-L Surface to 120 m	White sandstone with gently dipping beds and <i>Skolithos</i> trace fossils <i>Facies: Beach</i>	Taxon: Taxon Range: Peak: Env. Range: Taxon: Taxon Range: Peak: Env. Range: Concurrent Range:
2-K 120m to 250m	<i>Facies: Marine Shelf</i>	Taxon: Taxon Range: Peak: Env. Range:
2-J 250m to 320m	<i>Facies: Subtidal zone with patch reefs.</i>	Taxon: Taxon Range: Peak: Env. Range: Taxon: Taxon Range: Peak: Env. Range: Taxon: Taxon Range: Peak: Env. Range: Concurrent Range:
2-I 320m to 375m	Dark grey micrite and biomicrite. <i>Facies: Lagoon or Subtidal zone</i>	Taxon: Taxon Range: Peak: Env. Range: Taxon: Taxon Range: Peak: Env. Range: Concurrent Range:
2-H 375m to 450m	<i>Descr.: Red, poorly sorted, poorly rounded, low sphericity, sand sized grains, grains are mostly feldspars: arkose</i> <i>Facies: Beach</i>	None
2-G 450m to bottom of core	<i>Igneous bedrock (granite).</i>	None

CORE 3

Depth Interval	Lithology and Facies	Fossils
3-R Surface to 120 m	<p><i>Descr.: grey, well rounded, moderate sphericity, poorly sorted conglomerate (grains up to gravel sized), found with immature grain-supported gravels.</i></p> <p><i>Facies: Braided River</i></p>	None
3-Q 120m to 250m	<i>Facies: Subtidal Zone</i>	<p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Concurrent Range:</p>
3-P 250m to 335m	<p><i>Descr.: Biolithite (coquina), massive mounds of coral</i></p> <p><i>Facies: Reef</i></p>	<p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Concurrent Range:</p>
3-O 335m to 400m	<i>Facies: Proximal Shelf</i>	<p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Concurrent Range:</p>
3-N 400m to 475m	<p><i>Descr.: Grey, interbedded mud and sand with symmetric cross beds</i></p> <p><i>Facies: Subtidal</i></p>	<p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Concurrent Range:</p>
3-M 475m to bottom of core	<i>Igneous Bedrock (granite)</i>	None

CORE 4

Depth Interval	Lithology and Facies	Fossils
4-W Surface to 120 m	<p><i>Descr.: Massive deposits of pink, poorly rounded, moderate sphericity, poorly sorted breccia (up to gravel sized clasts)</i></p> <p><i>Facies: Alluvial Fan</i></p>	None
4-V 120m to 250m	<p><i>Rock sample collected.</i></p> <p><i>Descr.: off white, calcite cement, ooids, some sparry cement but dominantly micrite: Oomicrite</i></p> <p><i>Facies: Intertidal</i></p>	<p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Concurrent Range:</p>
4-U 250m to 350m	<p><i>Green to brown pelmicrite, interbedded with shales and silts.</i></p> <p><i>Facies: carbonate shelf</i></p>	<p>Taxon of sample mentioned on label :</p> <p>Taxon Range: (hint: from lectures/textbook) Peak: None</p> <p>Env. Range: Subtidal to abyssal</p>
4-T 350m to 440m	<i>Facies: Deep Shelf</i>	<p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p>
4-S 440m to bottom of core	<i>Facies: Subtidal Zone</i>	<p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Taxon:</p> <p>Taxon Range: Peak:</p> <p>Env. Range:</p> <p>Concurrent Range:</p>