Dark volcaniclastic coarse to very coarse sand, with rare granules (up to 4 mm), mainly andesitic lava with rare carbonate grains. Similar in composition to 1995-recent volcaniclastic material found previously in the same area below sea floor. Upper 10 cm disturbed, probably by coring, and contains fine mud clast. A second flat lying mud clast at 20 cm.
Dark volcaniclastic medium to coarse sand, with patches of coarser grains that may be coring disturbance or liquefaction?

Hole 340-U1393A 1H Section 2, Top of Section: 1.5 CSF-A (m)
Dark volcaniclastic medium sand, with isolated granules.
Dark volcaniclastic coarse sand, with clasts up to 4.5 cm in lower part. Clasts mainly andesitic, some hydrothermally altered.
Loose clasts that may not be in place. Mainly andesitic, some oxidized. Size to 5 cm.
Loose clasts that may not be in place. Mainly andesitic. Size to 5 cm.
Loose clasts that may not be in place. Mainly andesitic. Size to 3 cm.
Loose clasts that may not be in place. Mainly andesitic. Size to 6 cm.
Loose clasts that may not be in place, mainly andesitic some oxidized. Up to 3 cm in size. Some limestone clasts. Basal 6 cm comprises a 6 cm andesitic clast surrounded by fine matrix, which has angular fine fragments.
<table>
<thead>
<tr>
<th>Sample</th>
<th>Top [cm]</th>
<th>Bottom [cm]</th>
<th>Top Depth [m]</th>
<th>Bottom Depth [m]</th>
<th>Groundmass percentage [%]</th>
<th>Groundmass modal grain size [mm]</th>
<th>Groundmass comments</th>
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</thead>
<tbody>
<tr>
<td>340-U1393A-1H-4-W 11/13-TSB-TS#1</td>
<td>0</td>
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<td>28.51</td>
<td>60</td>
<td>1</td>
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</tbody>
</table>

**Microlites of plagioclase, orthopyroxene, and oxides in a microcrystalline matrix.**

**Andesite lava, no flow lineation,** matrix has significant void space.

**Andesite lava, potentially some glass in the groundmass; groundmass has significant void space.**

**Contact between massive andesite and fragmental brecciated material.** Brecciated material shows flow banding/lineation. Most mineral grains are < 0.2 mm in the brecciated region.

**Andesite lava; several spots where Qtz is completely rimmed by Clinopyroxene.**

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