

**Site:** PAT-18A

**Priority:** Alternate

**Position:** 12°57.032'N, 143°49.338'W

**Water Depth:** 5058 m (uncorrected)

**Sediment Thickness:** 232 m (0.292 s)

**Target Drilling Depth:** 232 m

**Approved Maximum Penetration:** 300 m

**Seismic Coverage:** EW9709 PAT-18 survey

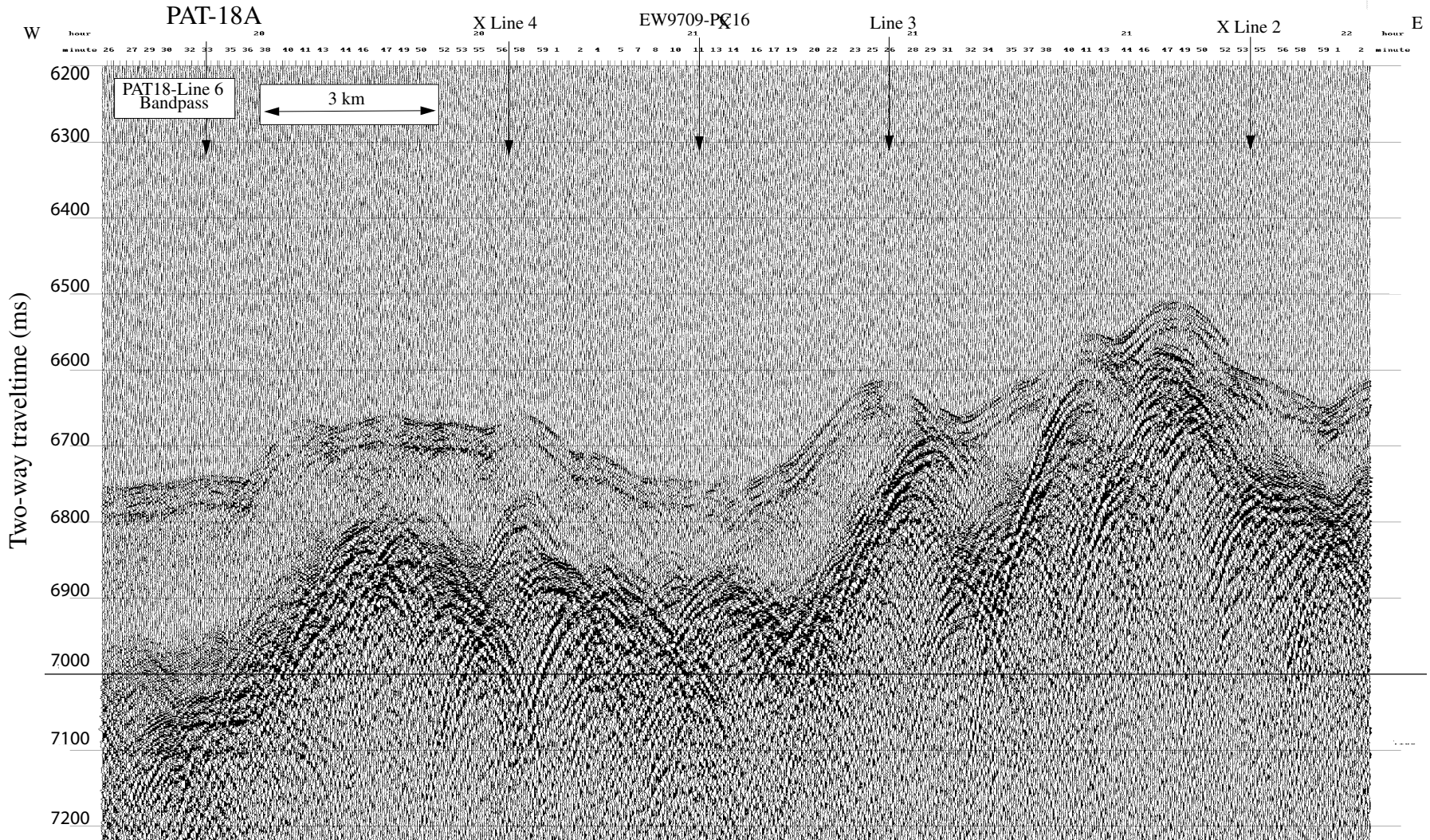
**Objectives:** The objectives of Site PAT-18A are to:

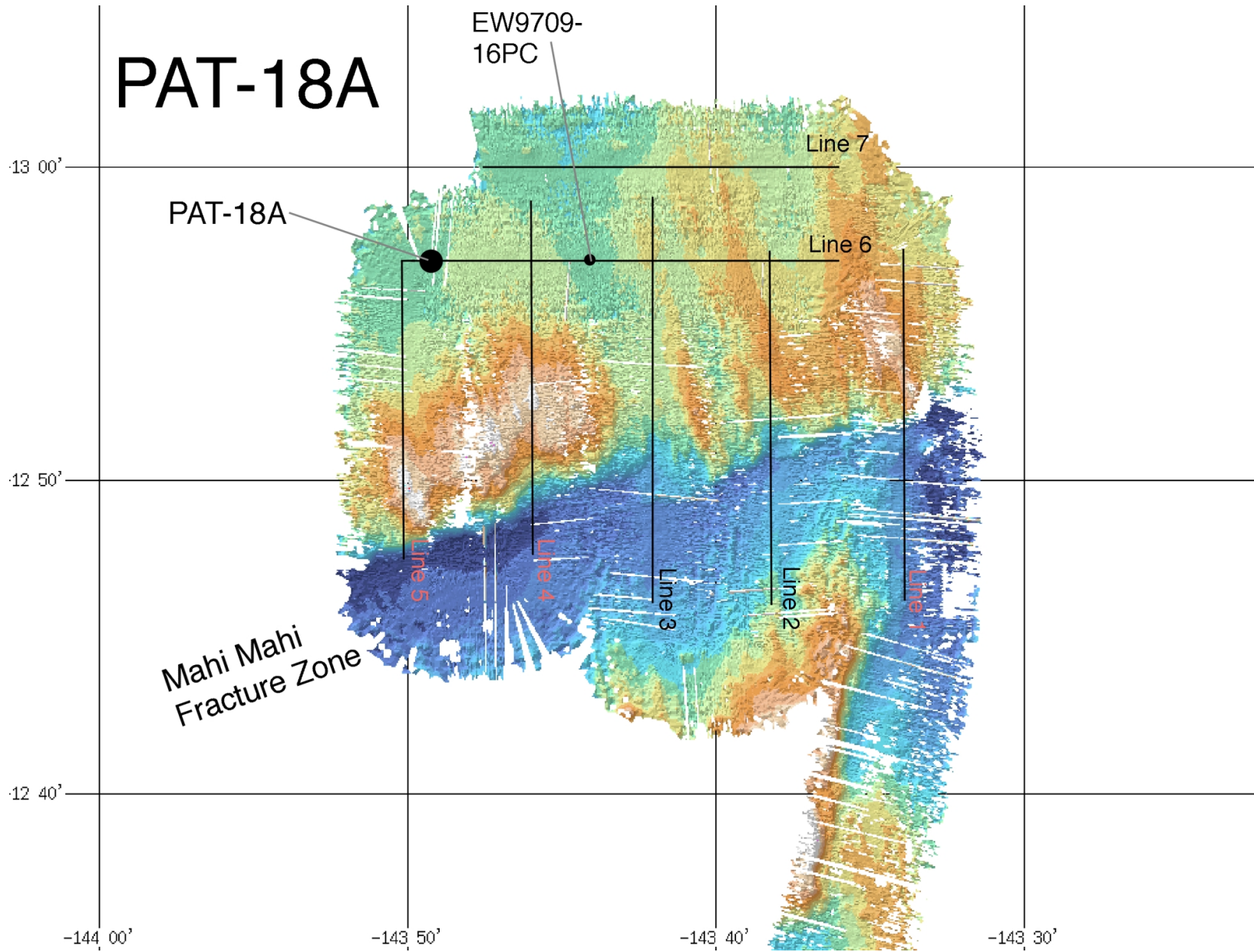
1. Determine the nature of sediments in the late Paleocene equatorial region
2. Determine the paleolatitude of the drill site
3. Determine the rate of accumulation and types of biogenic sediments
4. Collect an LPTM section

**Drilling Program:** One APC/XCB to basement; if time is available, second and third APC to refusal and second and third XCB.

**Logging and Downhole:** Triple combo, MGT, and FMS-sonic if time is available.

**Nature of Rock Anticipated:** Soft sediments except perhaps some chert-chalk in basal layers. Basement is midocean ridge basalt.





**Site:** PAT-19A

**Priority:** 1

**Position:** 16°52.082'N, 138°05.998'W

**Water Depth:** 5291 m (uncorrected)

**Sediment Thickness:** 177 m (0.229 s TWTT)

**Target Drilling Depth:** 177 m

**Approved Maximum Penetration:** 250 m

**Seismic Coverage:** EW9709 PAT-19 survey

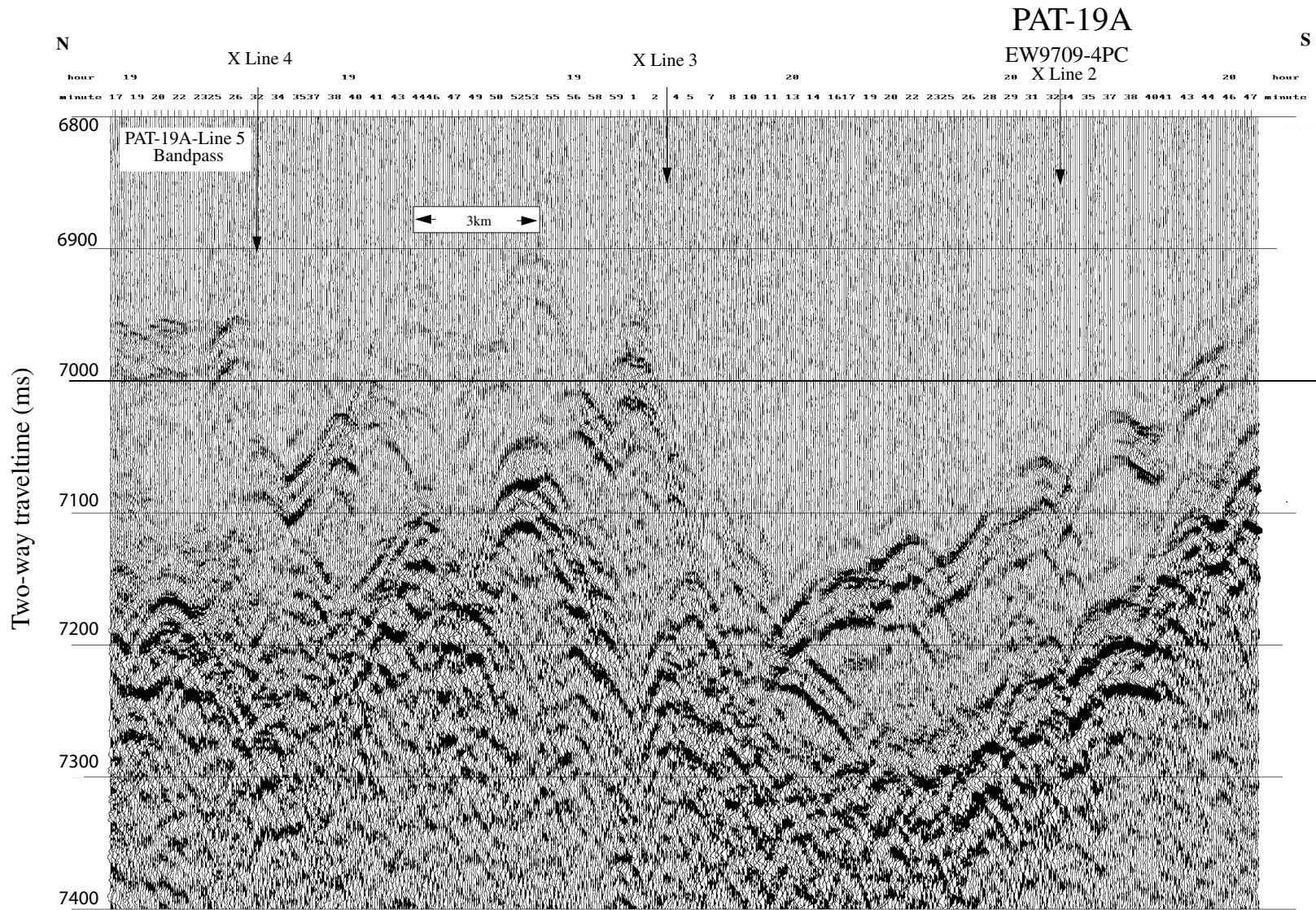
**Objectives:** The objectives of Site PAT-19A are to:

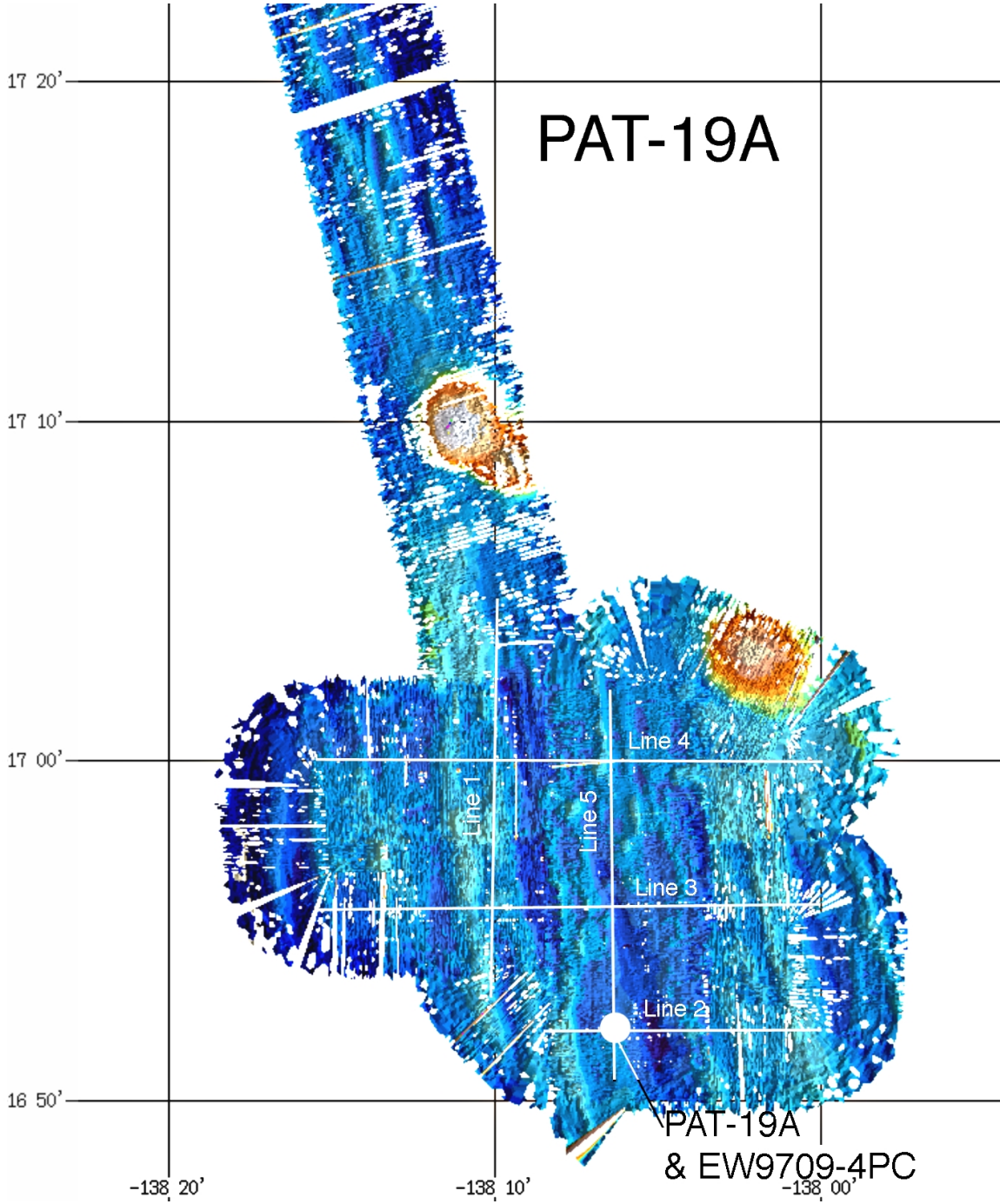
1. Determine the nature of sediments in Eocene/Paleocene tropical Pacific near boundary of the NEC and north equatorial countercurrent (NECC)
2. Determine the paleolatitude of the drill site
3. Determine the rate of accumulation and types of biogenic sediments
4. Collect an LPTM section

**Drilling Program:** One APC/XCB to basement; second and third APC/XCB if time available.

**Logging and Downhole:** Triple combo, MGT, and FMS-sonic if time is available.

**Nature of Rock Anticipated:** Soft sediments except perhaps some chert-chalk in basal layers. Basement is midocean ridge basalt.





**Site:** PAT-21

**Priority:** Alternate

**Position:** 10°12.277'N, 135°31.990'W

**Water Depth:** 4914 m (uncorrected)

**Sediment Thickness:** 226 m (0.281 s TWTT)

**Target Drilling Depth:** 226 m

**Approved Maximum Penetration:** 300 m

**Seismic Coverage:** EW9709 PAT-21 Survey

**Objectives:** The objectives of Site PAT-23A are to:

1. Determine the nature of sediments deposited near the late Eocene equator
2. Determine the paleolatitude of the drill site
3. Determine the rate of accumulation and types of biogenic sediments
4. Collect an Eocene/Oligocene boundary section above the CCD

**Drilling Program:** One APC/XCB to basement. If time is available, second and third APC to refusal, second and third XCB.

**Logging and Downhole:** Triple combo, MGT, and FMS-sonic if time is available.

**Nature of Rock Anticipated:** Soft sediments except perhaps some chert-chalk in basal layers. Basement is midocean ridge basalt.

# PAT-21

