



Note: These seismic reflection lines are part of the data collected for the site survey in preparation for drilling on Leg 67. The lines run from the continental shelf off western Guatemala out across the Middle America Trench to the eastern Cocos Plate. These data, along with refraction, dredging, and drilling data, have led to a model of the landward slope of the Trench in which landward-dipping slices of oceanic crust were emplaced in the landward slope offshore Guatemala in the Paleocene or early Eocene. Since that time, sediment has accumulated on the landward slope as a sediment apron blanketing an older, tectonically deformed prism of sediments and crustal slices.

