ODP Volume 139, Initial Reports: Side 1:

Bathymetry of the northern Juan de Fuca Ridge, including the northern part of the Endeavour Ridge segment (intersecting the lower edge of the map at 129°5'W) and the West Valley and Middle Valley rifts. Bathymetric contours over most of the area are derived from SeaBeam swath soundings (National



Side-scan acoustic image mosaic of the same area of the northern Juan de Fuca Ridge as is shown in the bathymetric map. The acoustic images were acquired with a 12-kHz SeaMARC II mapping system (Hawaii Institute of Geophysics), and contain information about the local roughness and slope of the seafloor. Rough surfaces such as those of thinly sedimented or unsedimented basalt flows cause strong

