

Figure 2.15. The temperature and concentration of seawater constituents in sediment pore waters at the sediment-crustal boundary as a function of distance from the Juan de Fuca ridge crest in the North Pacific Ocean. The cartoon inset indicates how samples were taken from the Sediment-crustal boundary in cores progressively distant from the ridge crest. Dots in the figures are values measured on porewater from holes drilled to the crust by the Ocean Drilling Program (ODP). The triangles are seawater values (the symbol is positioned at the distance of sediment onlap onto the ridge flank). From Elderfield *et al.* (1999).

