

Figure 1. Worldwide distribution of passive continental margin sedimentary basins (dark gray) and continental margin breakup-related large igneous provinces (black and black dots). BB, Browse Basin; CM, Cuvier Margin; EP, Exmouth Plateau; MM, Møre Margin; NAVP, northeast Atlantic Volcanic Province; VM, Vøring Margin. Based on Kulke [1994] and T. P. Gladzcenko (personal communication, 1997).

VE~1.0

VE~2.0

$Y = 1.6/2 \text{ s}$
 $= 0.8 \text{ s}$
 $\rightarrow 4 \text{ km}$

$X = 5 \text{ km}$

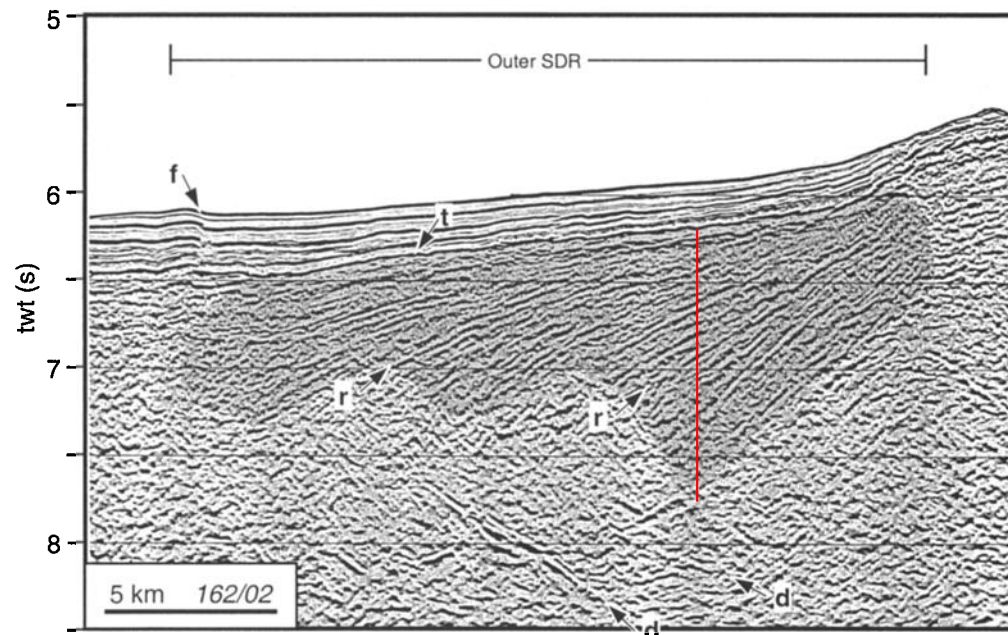
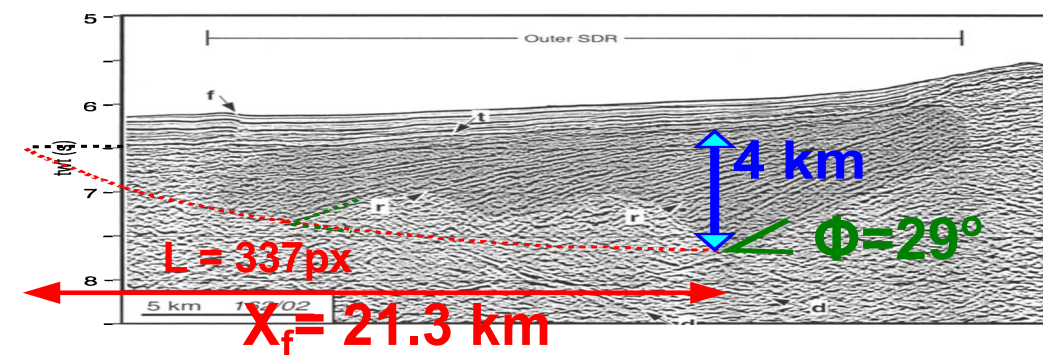


Figure 9. Seismic example of the Outer SDR off the southwest corner of the Exmouth Plateau (Figure 1) showing a smooth top-basement reflection and well-defined, diverging internal reflections. Here t, top of volcanic sequence; r, prominent reflections dividing the Outer SDR into sub-units; d, landward dipping reflections interpreted as intruded faults; f, fault.



Planke et al., 2000 fig. 9 TWTT

+112.3° -20.3°

$X_f = 21.3 \text{ km}$

$Ws(X_f) = 4.0 \text{ km}$

$\Phi = 29^\circ$

$Te_{xf} = 1364 \text{ m}$

$\alpha_{xf} = 13560 \text{ m}$

$Te_y = 1152 \text{ m}$

$\alpha_y = 11949 \text{ m}$

$Te_{avg} = 1258 \text{ m}$

$\alpha_{avg} = 12754 \text{ m}$

$Te_{err} = +15.52\%$

$Hd = 3537 \text{ m (from } \Phi \text{ and } Te_{avg})$