

PLATE 4

Seismic Stratigraphic Atlas of the Ross Sea, Antarctica
DSDP Site 271

Seismic scale:
 Horizontal: 1:100,000
 Vertical: 10 cm/s

Compiled under the direction of:
 Giuliano Brancolini (OGS).

Authors:
 C. De Cillia, L. De Santis and A. Marchetti (OGS)

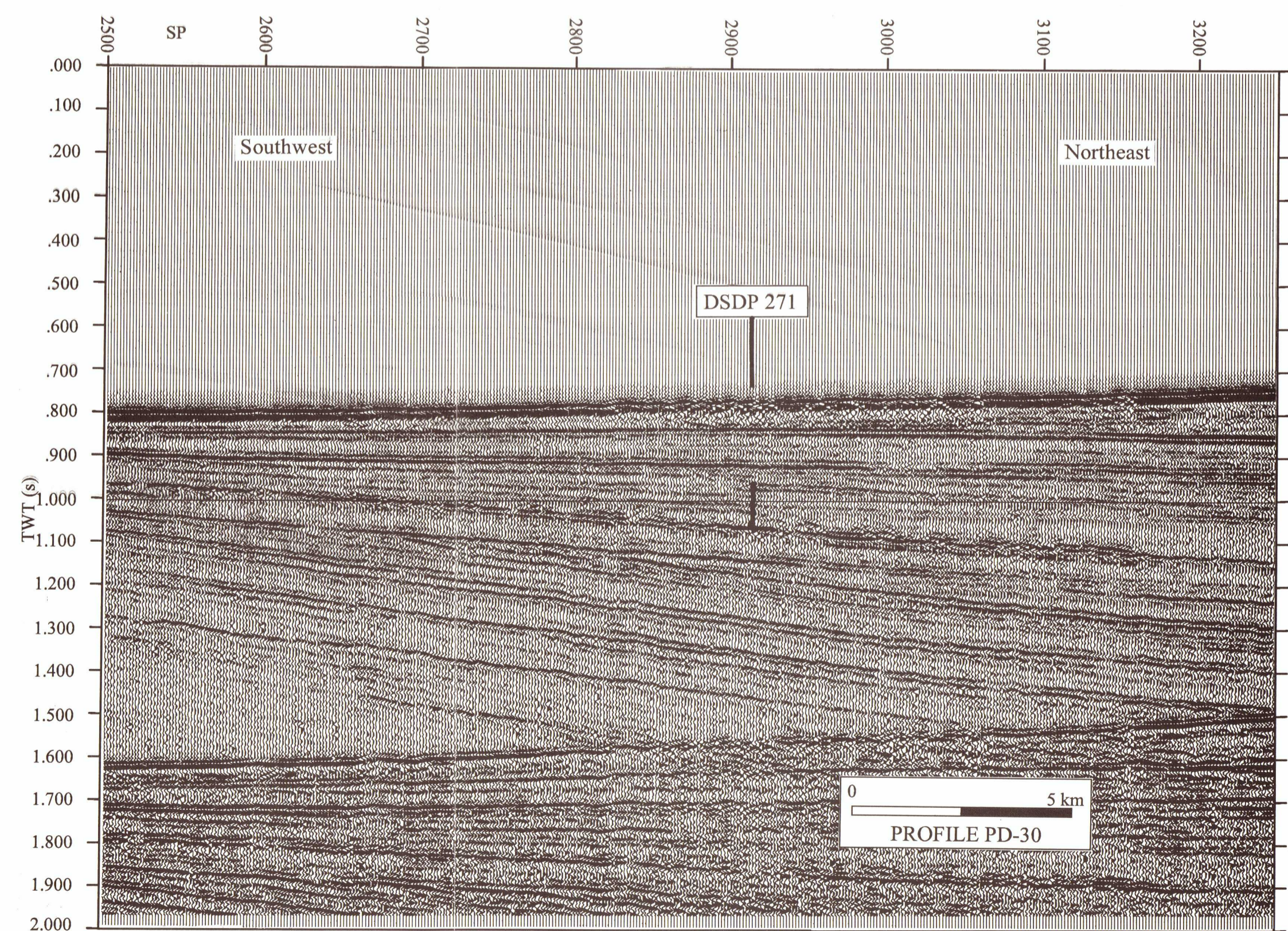
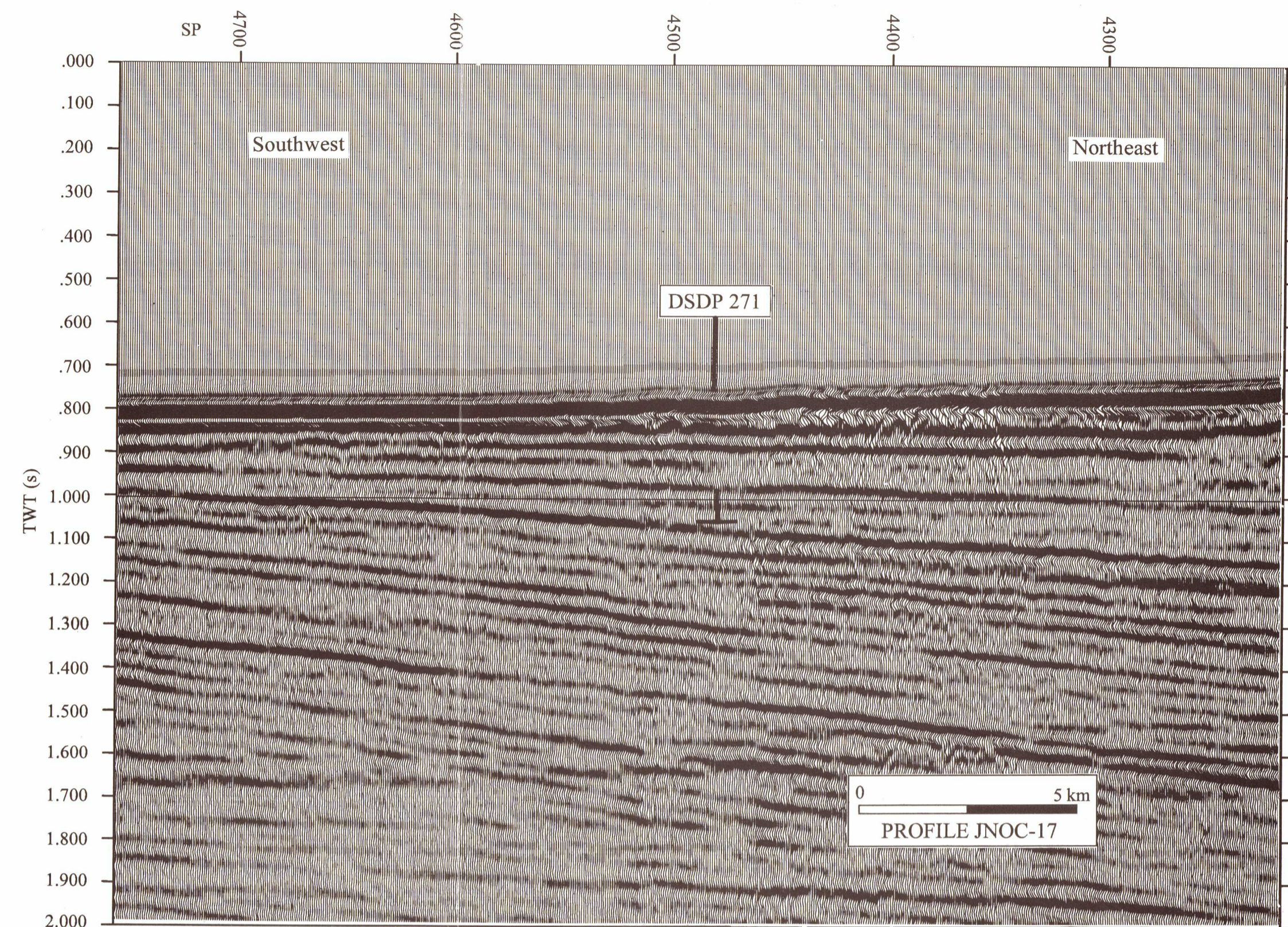
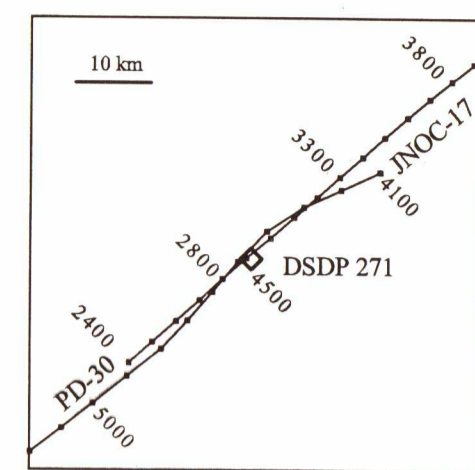
Drilling data from:
 Hayes, Frakes et al., 1975.

Seismic data contribution:

Organization (Country)	Seismic Source	Receiver	Processing
JNOC (Japan)	Airgun array 9.2 liter	600 m 24 channel	Stack
Rice Univ. (USA)	2 water guns 2.46 liter	1 channel	50-140 Hz filter

From: ANTOSTRAT Project, Seismic Stratigraphic Atlas of the Ross Sea, Antarctica, in *Geology and Seismic Stratigraphy of the Antarctic Margin, Antarctic Research Series*, vol. 68, edited by A.K. Cooper, P.F. Barker, and G. Brancolini, AGU, Washington, D.C., 1995. See Atlas text for more information about the drilling and seismic correlations.

SEISMIC PROFILES LOCATION



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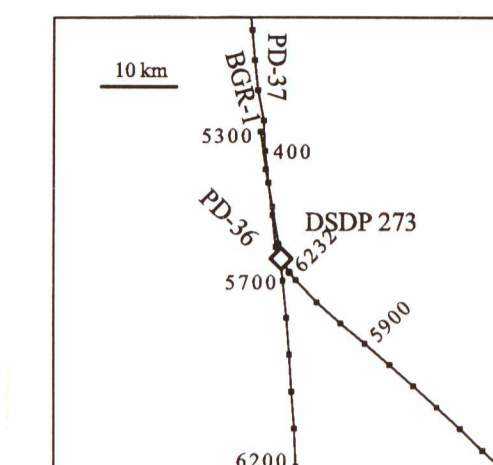
Drilling data from:
 Hayes, Frakes et al., 1975 and Savage and Ciesielski, 1983.

Seismic data contribution:

Organization (Country)	Seismic Source	Receiver	Processing
BGR (Germany)	15 airgun array 25 liter	3000 m 96 channel	Stack 15-50 Hz filter
Rice Univ. (USA)	2 water guns 2.46 liter	1 channel	50-140 Hz filter

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SEISMIC PROFILES LOCATION



SYNTHETIC SEISMOGRAM

