

DEKORP 1988-9N (Near-vertical reflection profiling)

General information	Recorded by for Area	August - September 1988 Prakla-Seismos AG Geological Survey of Lower Saxony, Germany Southern Hesse, Rhineland-Palatinate
	Profile length / direction / azimuth	91.82 km / E - W / 1.31596 °
	Total data amount	14.35 GB
	Recording system	Sercel SN 368 / LXU
	Sample interval	4 ms
Recording	No. of channels	400
	Field filter	Lo 12.0 Hz / 18 dB Hi 88.8 Hz / 72 dB
	Noise reduction	Automatic noise-mute before correlation
	Correlation	with filtered sweep
	Recording format	SEG-D
	Sweep + listening time / recording time	20 s + 16 s = 36 s (uncorrelated) / 16 s (correlated)
	Geophone type	SM 4 (10 Hz)
Receivers	Geophones per group	24
	Receiver array	In-line array
	Group spacing	40 m
	Spread length	16 km
	No. of geophone points	2351
	Source type	Vibroseis (p-waves)
Sources	No. of vibrators	5*VVEA (each 19.4 tons, 125 kN peak-force)
	Sweep length / range	20 s / 12 - 48 Hz
	Pattern length	48.25 m
	Vertical stacking rate	6-fold
	Recording configuration	Symmetrical split-spread (8080 - 120 - VP - 120 - 8080 m)
	Source point spacing	40 m
	No. of source points	1773
CDPs	Coverage (theor. / real)	200-fold / 154-fold
	CDP-spacing	20 m
	No. of CDPs	4592
	Final datum	500 m a.s.l.

Geometry dimensions

	Record	Location	X coord.	Y coord.	Lon.	Lat.
			Gauss-Krueger (Bessel, Pdm)		Decimal degree (WGS84)	
Source	1	1001	3494496.	5503526.	8.92271770	49.66838754
	1772	3350	3402877.	5502526.	7.65398445	49.65160528
Receiver	1	1001	3494497.	5503521.	8.92273162	49.66834259
	2351	3351	3402837.	5502530.	7.65342970	49.65163480
CDP	2004	1003	3494438.	5503512.	8.92191444	49.66826113
	6595	3349	3402935.	5502525.	7.65478766	49.65160562
Crossing with DEK'88-1C	CDP 6305	3201	3408702.	5501951.	7.73476278	49.64734582