

## DEKORP 1984-2S (Near-vertical reflection profiling)

<b>General information</b>	Recorded by	April - May 1984
	for	Prakla-Seismos AG
	Area	Geological Survey of Lower Saxony, Germany
	Profile length / direction / azimuth	Bavaria, Hesse, Baden-Wuerttemberg
	Total data amount	250.08 km / SE - NW / -50.90288 ° 2.77 GB
<b>Recording</b>	Recording system	Sercel SN 348 / MTA-09
	Sample interval	4 ms
	No. of channels	200
	Field filter	Lo 8 Hz / 18 dB Hi 62.5 Hz / 72 dB
	Recording format	SEG-B
	Recording time	20 s
<b>Receivers</b>	Geophone type	SM 4 B (10 Hz)
	Geophones per group	24
	Receiver array	In-line (23 x 3.5 m)
	Group spacing	80 m
	Spread length	16 km
	No. of geophone points	3128
<b>Sources</b>	Source type	Dynamite Vitesit (max. 30 kg / hole)
	Holes per shotpoint	1
	Source depth	Max. 30 m
	Recording configuration	Off-end shooting (15960 - 40 m - SP)
	Source point spacing	320 m
	No. of source points	684
<b>CDPs</b>	Coverage (theor. / real)	25- / 22-fold
	CDP-spacing	40 m
	No. of CDPs	6253
	Final datum	400 m a.s.l.

### Geometry dimensions

	Record	Location	X coord.	Y coord.	Lon.	Lat.
			Gauss-Krueger (Bessel, Pdm)		Decimal degree (WGS84)	
<b>Source</b>	1	101	3627789.	5397442.	10.73507475	48.70146086
	792	3227	3465440.	5582597.	8.51309687	50.37827719
<b>Receiver</b>	1	101	3627800.	5397400.	10.73521113	48.70108110
	3128	3228	3465460.	5582675.	8.51337087	50.37897954
<b>CDP</b>	201	101	3627795.	5397421.	10.73514973	48.70127088
	6453	3227	3465478.	5582608.	8.51363006	50.37837830
<b>Crossing with DEK'86-2N</b>	CDP 6352	3176	3468565.	5580010.	8.55724424	50.35519643