

DEKORP 1988-1C (Near-vertical reflection profiling)

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| General information | Recorded by for Area | September 1988 Prakla-Seismos AG Geological Survey of Lower Saxony, Germany Rhineland-Palatinate |
| | Profile length / direction / azimuth | 74.18 km / SE - NW / -39.46785 ° |
| | Total data amount | 11.93 GB |
| | Recording | Recording system Sample interval No. of channels Field filter Noise reduction Correlation Recording format Sweep + listening time / recording time |
| | | Sercel SN 368 / LXU 4 ms 400 Lo 12.0 Hz / 18 dB Hi 88.8 Hz / 72 dB Automatic noise-mute before correlation with filtered sweep SEG-D 20 s + 16 s = 36 s (uncorrelated) / 16 s (correlated) |
| Receivers | Geophone type | SM 4 (10 Hz) |
| | Geophones per group | 24 |
| | Receiver array | In-line array |
| | Group spacing | 40 m |
| | Spread length | 16 km |
| | No. of geophone points | 1878 |
| Sources | Source type | Vibroseis (p-waves) |
| | 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 | Asymmetrical split-spread (4080 - 120 - VP - 120 - 12080 m) |
| | Source point spacing | 40 m |
| | No. of source points | 1474 |
| CDPs | Coverage (theor. / real) | 200- / 159-fold |
| | CDP-spacing | 20 m |
| | No. of CDPs | 3710 |
| | 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 | 2629454. | 5499908. | 7.79103994 | 49.62201292 |
| | 1472 | 2878 | 2571148. | 5545722. | 6.99266565 | 50.04352780 |
| Receiver | 1 | 1001 | 2629454. | 5499908. | 7.79103994 | 49.62201292 |
| | 1878 | 2878 | 2570969. | 5545376. | 6.99010309 | 50.04043895 |
| CDP | 2004 | 1003 | 2629401. | 5499935. | 7.79031570 | 49.62226690 |
| | 5713 | 2877 | 2571021. | 5545349. | 6.99082387 | 50.04019005 |
| Crossing with DEK'87-1B | CDP 5506 | 2773 | 2574609. | 5543304. | 7.04050474 | 50.02136909 |
| Crossing with DEK'88-9N | CDP 2249 | 1126 | 2625321. | 5502629. | 7.73473638 | 49.64733720 |