## **Profile METEORITE**

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## **Data summary**

Location: Dixon city — town Khilok (Figure 1)

Acquired by Spetzgeofisika, 1977 Profile length: approximately 2980 km

4 PNEs (Figure 1)

In addition, records from ~30 chemical explosions of 3000-5000 kg were acquired but could not

be digitized due to poor record preservation.

Recording systems: Portable 3-component analogue systems TAIGA and

CHEREPAKHA, 1-Hz sensors

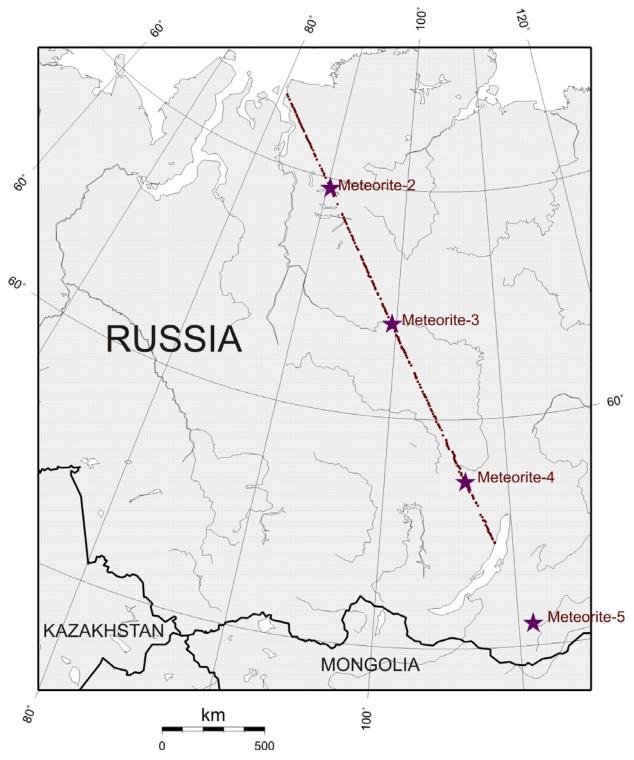


Figure 1 Location map of profile Meteorite in Siberia. Labeled stars indicate the PNEs, small triangles are the 3-component recording sites.

## Data format

Data format is identical to that of QUARTZ records delivered earlier. The data are provided in standard SEGY format using IBM floating point representation of data values. Geographic coordinates of shots and receivers (in degrees), and offsets (in meters) are loaded in data headers. Recording station numbers (numbering starting from the NW, Figure 1) are loaded in SEGY headers as CHANNEL, and the FFIDs correspond to shot numbers. Each data file contains a single component of recordings from one shot. File names follow the following convention:

```
meteor-<shot_number>-<component_index>.segy
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where shot\_number is the number of the shot. Shot numbers are 2,3,4, and 5 for the PNEs (METORITE-2, 3, 4, and 5, respectively; Figure 1). The component\_index is 'v' for the vertical (upward), 'r' for radial (directed away from the corresponding shot), and 't' for the transverse (directed to the right when looking away from the shot point).