

## 7200 Hz COPLANAR APPARENT RESISTIVITY OF THE EAST RICHARDSON AREA, FAIRBANKS MINING DISTRICT, INTERIOR ALASKA

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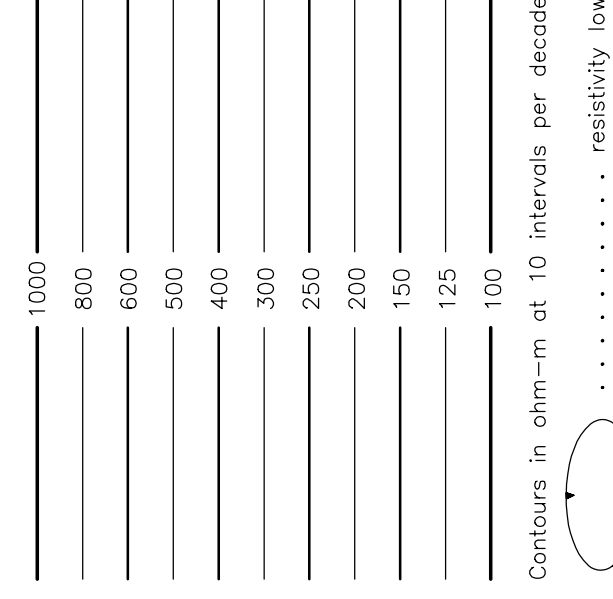
### DESCRIPTIVE NOTES

The geophysical data were acquired with a DUCHEM+ magnetometer. The EM and magnetic sensors were the survey recorded data from a radio altimeter video camera. Flights were performed with an altitude of 200 feet along N-S (E-W) survey lines. The lines were flown perpendicular to the flight lines at intervals of approximately 3 miles. Positioning System was used for navigation. The positions were collected onto the UTM grid (UTM zone 6) referred to the North American datum constant of 0 and an east constant of 500,000. The map was produced using ArcView 3.2a software. Scale: 1:50,000. Contour interval: 10 m.

### RESISTIVITY

The DUCHEM+ system measured apparent and apparent resistivity at 7200 Hz. The system was a dual channel coplanar system operated at 1000 and 5000 Hz, with three 50,000 Hz. EM data were sampled at 0.1 second intervals. The data were processed using the DUCHEM+ software. The apparent resistivity is a function of the resistivity of the subsurface and the geometry of the survey. The apparent resistivity is a function of the resistivity of the subsurface and the geometry of the survey. The apparent resistivity is a function of the resistivity of the subsurface and the geometry of the survey.

### RESISTIVITY CONTOURS



### SURVEY HISTORY

This map has been compiled and drawn under contract to the Alaska Division of Geological & Geophysical Surveys (ADGGS) by Fugro Airborne Surveys Corp. and Stevens Exploration Management Corp. The data were collected by Fugro Airborne Surveys Corp. in 2006. The map was produced using ArcView 3.2a software. Scale: 1:50,000. Contour interval: 10 m.

### LOCATION INDEX

