Stationary DCR Analysis

By

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Array Types

- A) **Gradient** has good survey speed, good resolution near the surface, less topographic effects, and higher signal level.

- B) **Dipole-Dipole** has good penetration and has symmetrically good resolution.

- C) **Werner** images anomalies symmetrically, has a good signal-to-noise ratio, and is often used and therefore, well-known.
Dipole-Dipole Inverted Section
Inverted Dipole-Dipole Image
Inverted Dipole-Dipole

500 m

92 m
Ideas and Conclusions

• Which array configuration is best for monitoring?
  – Dipole-Dipole has best resolution and speed of acquisition