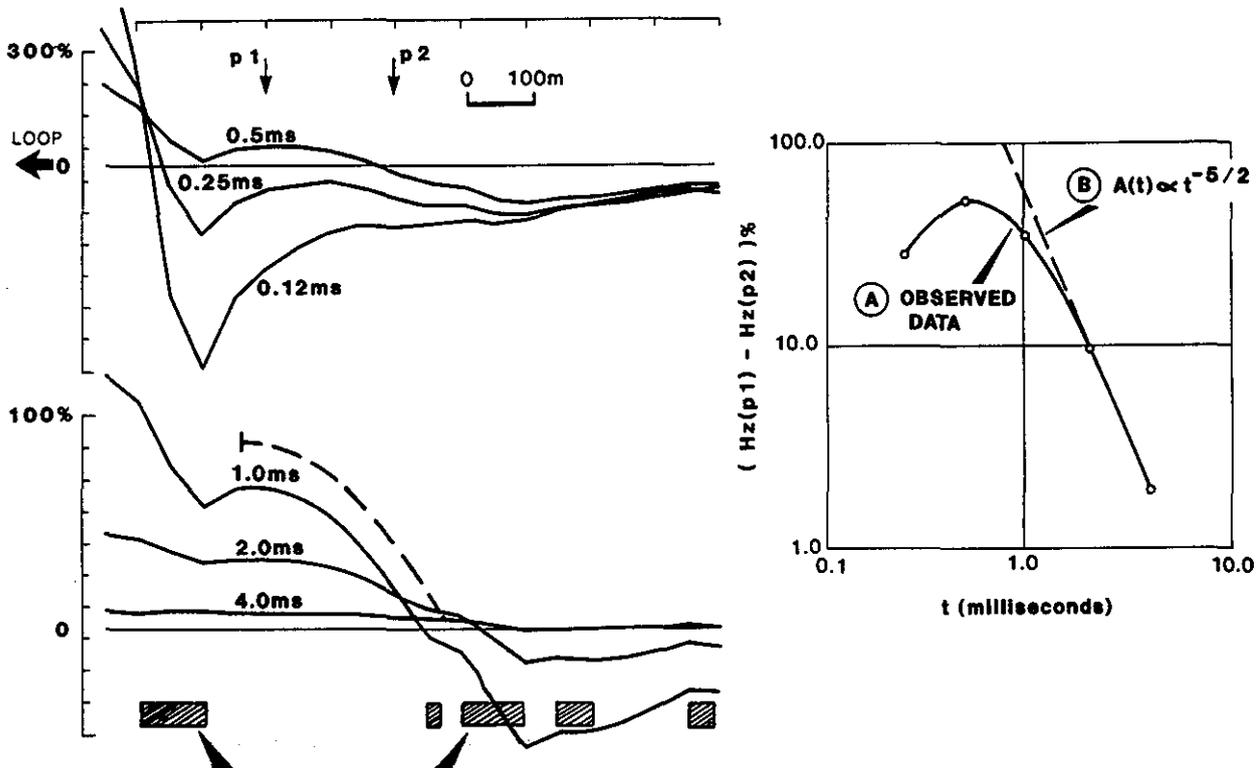


INTERPRETATION OF TDEM DATA



LATERAL EXTENT OF WEATHERING CONDUCTORS

FIGURE 6 UTEM (Hz) data showing superposition of a number of responses, some of which show obvious edge effects from near surface broad conductors. All responses asymptote to a $t^{-5/2}$ power law. No separation between responses in time is evident. The response marked with the shaded line has a broad second derivative as indicated by a continuous variation in the profile slope, and could represent a buried target at a depth of 200-250 m. The shaded line represents only a part of a normal Hz cross-over anomaly.

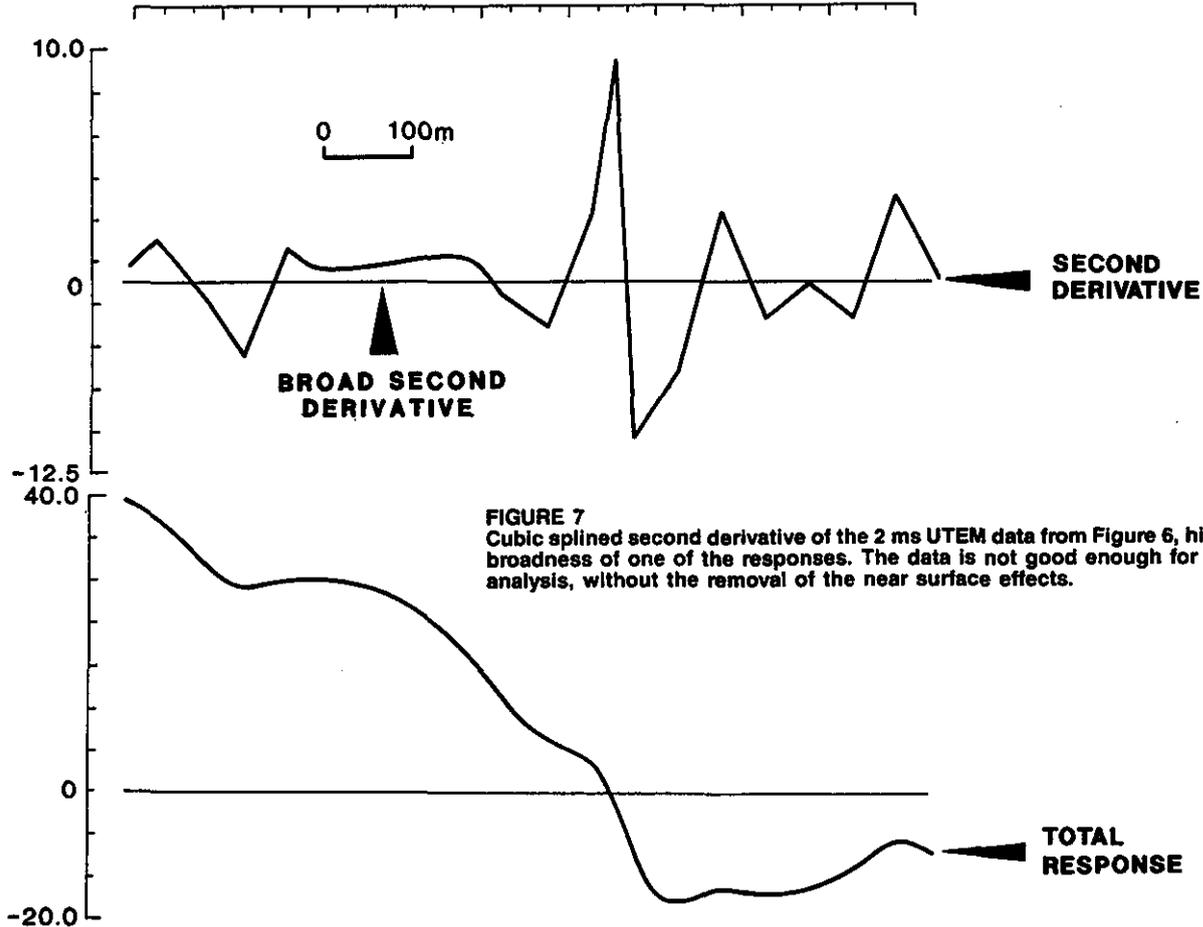


FIGURE 7 Cubic splined second derivative of the 2 ms UTEM data from Figure 6, highlighting the broadness of one of the responses. The data is not good enough for a quantitative analysis, without the removal of the near surface effects.