



Scale 1:50,000

The AFMAG method is an electromagnetic technique that does not require a transmitter. The source of energy in the sub-audio and audio frequency range is mainly due to lightning discharges genermagnetic (EM) energy is propagated over several thousand miles between the surface of the earth and the ionized layers acting as a horizontal. When this magnetic field meets a conductor such as a fault zone (not all are conductive) or an ultramafic dyke, the energy field is reradiated. This secondary magnetic field is detected by interest, 140 and 510 Hz, the depth of detection is greater than with is being evaluated as an aid for detecting large geological structures

direction and are oriented 45° to the horizontal. When the magnetic

This routine assumes that the data is evenly spaced along the flight line. By passing the dip angle data points through this smoothing filter twice, a much cleaner trace was obtained without affecting the amplitude of the peaks of the broad and larger dip angles. No

