

cannot be applied. One further application is when materially different mineral assemblages having markedly different decay forms are required to be differentiated.

- 3 - In applying the MIP method to exploration problems there are two characteristics problems to solve. The first is to clearly ascertain what are the range of characteristics of the target sources, and secondly to apply the method in an effective *and* efficient manner. This may mean commencing test work in the time domain and carrying out production surveys in whichever domain gives the greatest efficiency.

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