

## Determination of platinum group elements in geological standard rocks

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Platinum Group Elements (PGEs) in geological rocks derived from earths mantle may play an important role to interpret mantle dynamics and evolution in the earths interior. PGEs are highly depleted in earths crust, since it is unnecessary to concern the effect of crustal contamination between earths mantle and crust. There are a few reports for discussion on PGE abundances because of their low contents in basaltic rocks. The concentration of PGEs in some geological rocks including JP-1 (GSJ) is determined by using inductively coupled plasma mass spectrometry conducting with preconcentration technique by Ni-S fire assay followed by Tellurium co-precipitation.