

Oltenia (Romania) lignite bottom ash: a secondary raw material of REE and Y (REY)

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REY were determined by ICP-MS in the Oltenia lignite (Romania) bottom ash collected from the Turceni landfill at Ceplea Valley. Most of the medium- and heavy-REY show weak positive anomalies in relation to the Upper Continental Crust, and the outlook coefficient index of REY ores (C_{out}) is 0.9 in average. Meantime, the C_{out} vs the percentage of critical REY indicates that this bottom ash is a promising source of REY (Fig. 1).

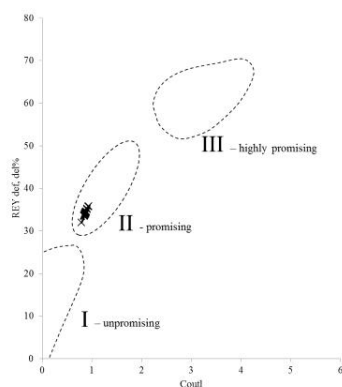


Fig. 1 REE fields classification of Oltenia bottom ashes.

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