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Evaluation of cover sequence geochemical exploration sample media through assessment of element migration processes

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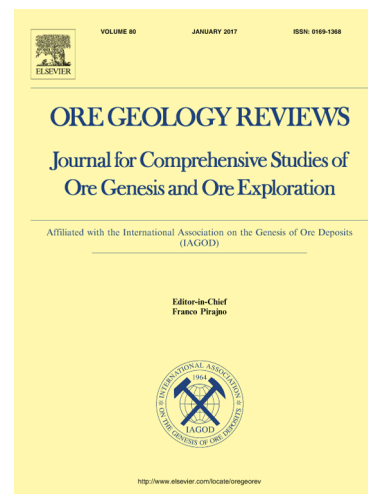
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**Title:**

Evaluation of cover sequence geochemical exploration sample media through assessment of element migration processes

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**Abstract**

Cover sequence materials of the Bulldog Shale and underlying Cadna-owie Formation within the Eromanga Basin (South Australia) that overlie the Prominent Hill iron oxide-copper-gold (IOCG) deposit are evaluated for their potential to host a geochemical expression of the underlying mineral system and thereby as geochemical exploration sampling media. The Bulldog Shale is clay-rich and has elevated concentrations of trace elements, however, its major and trace element (Cu, Mo, Ni,

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