

*Read at the Annual Conference of the Ussher Society, January 1981*

## **A whole rock Rb/Sr isochron for the Kennack Gneiss (Abstract)**

M.T. STYLES<sup>1</sup>  
C.C. RUNDLE<sup>2</sup>

<sup>1</sup> *Institute of Geological Sciences, Petrology Unit, Exhibition Road, London SW7 2DE*

<sup>2</sup> *Institute of Geological Sciences, Isotope Geology Unit, 64 Grays Inn Road, London WC1X 8NG*



---

Core samples of an acid layer from a borehole in the Kennack Gneisses at Kennack, have given a whole rock Rb/Sr isochron age of  $369 \pm 12$  Ma. The Kennack Gneisses are high grade metamorphic rocks whose metamorphism is associated with the emplacement of the Lizard Complex. The isochron is interpreted as recording the age of metamorphism of the gneiss and consequently the tectonic emplacement of the Complex. This emplacement during late Devonian times was part of an early phase of the Hercynian Orogeny that also affected the Gramscatho series of south Cornwall.

This contribution is published with the approval of the Director,  
Institute of Geological Sciences (N.E.R.C.)