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摘要: 精确的锆石 SHRIMP U — Pb 年龄测定表明, 内蒙古苏尼特左旗富钾花岗岩的结晶年龄分别为 $423\text{Ma} \pm 8\text{Ma}$ 和 $424\text{Ma} \pm 10\text{Ma}$ 。综合区域资料, 认为该年龄代表了内蒙古中部志留纪期间发生弧—陆碰撞事件的时限。

关键词: 内蒙古苏尼特左旗; 富钾花岗岩; SHRIMP 测年; 志留纪

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Shi Y R, Liu D Y, Jian P, Zhang Q, Zhang F Q, Miao L C, Shi G H, Zhang L Q, Tao H. Zircon SHRIMP dating of K — rich granites in Sonid Zuoqi, central Inner Mongolia. Geological Bulletin of China, 2005, 24 (5): 424 — 428

Abstract: High — precision zircon SHRIMP U — Pb dating of K — rich granites in Sonid Zuoqi, Inner Mongolia, yielded crystallization ages of $423 \pm 8 \text{ Ma}$ and $424 \pm 10 \text{ Ma}$. In relation to previous regional data, the ages represent the timing of the Silurian arc — continent collision event in the central Inner Mongolia.

Key words: Sonid Zuoqi, Inner Mongolia; K — rich granite; SHRIMP dating; Silurian