

# Olympic Dam Open Stope Observations, Tactics, and Characterisation

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## **ABSTRACT**

This paper describes the mining setting for the sub-level open stoping (SLOS) mining method used at Olympic Dam (OD), and investigates the range of stope performance conditions encountered over 30 years of production, using a qualitative description of the factors influencing performance. Utilising a continuous improvement tool, the Plan-Do-Check-Act (PDCA) process, and a forward-looking rock mechanics program, the intent is to identify these key factors driving productivity and performance to create a stable and achievable long term mine plan.