

# CASE STUDY

## PROJECT: TANAMI TE2 SHAFT CONSTRUCTION

### CLIENT

RUC Cementation Mining

### LOCATION

Newmont: Dead Bullock  
Soak Mine.  
Tanami, NT Australia

### DURATION

12 months

### PROJECT SCOPE

Mine Survey Plus was engaged by RUC to provide full survey support for construction of a 210m deep 5.5m diameter concrete lined shaft. This is phase one of construction of the overall ore hoist shaft which will reach 1500m when complete.

Cutting edge methodology was devised to allow for precision survey control in a testing vertically constrained environment. This included Least Square adjustments on all survey control and cross referencing of position periodically using plumbines with prisms attached.

Excavation, shuttering alignment and post concrete pour surveys were required for each vertical advancement. Bespoke reporting and tracking tools were developed and delivered to the client.

Mine Survey Plus is looking forward to an ongoing working relationship with RUC and other global shaft sinking specialists with technically complex shaft sinking requirements.

