

## PROJECT PROFILE

# SHAFT 2 SINKING, LINING AND EQUIPPING

OYU TOLGOI LLC

*Mine: Oyu Tolgoi*

*Location: Gobi, Mongolia*

*Duration: In Process*

*Contract Type: Cost Reimbursable*



**1,400m deep**  
10.0m diameter shaft

The Redpath Engineering and Technical Services team completed the engineering and design for the sinking portion of a 10m diameter x 1,400m deep concrete lined shaft, including the excavation and construction of 5 shaft stations.

Apart from sinking the shaft, Redpath also provided project management, project controls and procurement support as part of an integrated Owner/Contractor team, including the construction management team to construct the critical part of the headframe from -26m to collar level (handover point to Chinese contractor).

Redpath successfully trained and transferred shaft sinking and related mining skills to Mongolian Nationals.

This is one of the largest Koepe hoist installations in the world.



## CREW

Expats: ~36 on site (56 total)

Nationals: ~90 on site (145 total)



## FACT

Shaft capable of hoisting 29,000 tpd as well as workers and materials cage