

PROJECT PROFILE

ÉLÉONORE EXPLORATION AND PRODUCTION SHAFTS

LES MINES OPINACA

Mine: *Éléonore Mine*

Location: *Quebec, Canada*

Duration: *8 years, completed 2017*



725m

7m diameter exploration shaft



Redpath provided engineering services for the design and engineering of the sinking plant, excluding hoists. Redpath directed all work associated to the sinking setup of the Éléonore production shaft and ensured that all surface construction performed by subcontractors complied with the designs, specifications, and met all quality assurance and quality control standards.

Exploration Shaft: Provision of labour, supervision and shaft sinking equipment for the sinking of the 7m in diameter x 725m deep exploration shaft. The shaft was concrete-lined and equipped with steel guides, two skips and one Maryann. The exploration shaft was completed in 3 years (2012).

Production Shaft: The production shaft, 7m in diameter x 1,500m deep, was sunk from 2011 to 2015 and required the excavation of six stations, the deepest of which was at the 1,400m level.

Mine Production: Mine production followed from 2016 to 2017.



1,500m

7m diameter production shaft