

The Jadar project

RioTinto

Rio Tinto's proposed Jadar underground mine project would have a smaller surface footprint and minimal impact on the landscape and environment compared to an open pit mine.

Advantages of the proposed Jadar underground mine compared to open pit

SIGNIFICANTLY
lower impact



on the landscape and environment due to a smaller surface operations area compared to an open pit development.

UNDERGROUND
activities



generates less noise and dust.

MINIMAL
impact from vehicle movements



Open pit mines use large trucks and machinery and continually expanding infrastructure. Jadar's underground electrical fleet will operate in a defined underground area.

UNDERGROUND
excavations



include a combination of methods that minimize rock material excavation. Optimised excavation methods reduce the total amount of waste and materials that need to be stored.

Open pit mine



Underground mine



Illustration of the Jadar above-ground facilities