



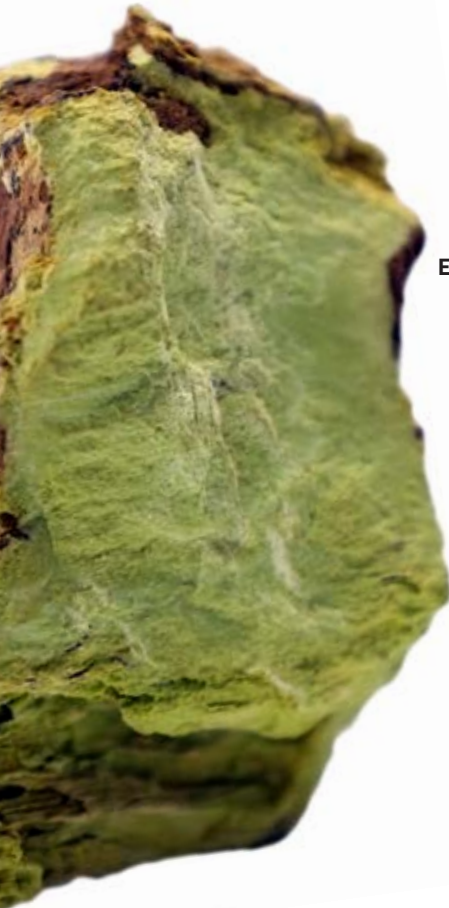
NICKEL

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Making the future possible

Australian Mining

Produced by the Minerals Council of Australia



Australia's resource

24%

Share of world nickel resources in 2016

201,000 t

Annual production of nickel in 2016-17



1st

Largest share of world nickel resources in 2016

\$81m

Exploration expenditure (nickel & cobalt) in 2016-17

Economic contribution

\$2.2b

Value of Australia's nickel exports in 2016-17

175 kt

Export volume of Australian nickel in 2016-17



Nickel gives stainless steel its strength and corrosion resistance. Two-thirds of all nickel mined globally is used to produce stainless steel.

Nickel at work



Food processing



Guitar strings



Coins



Marine engineering



Electronics



Kitchen sink

DID YOU KNOW?

A bottle of Coca-Cola could be bought for a nickel in the United States between 1885 until well into the 1950s. The company was committed to the fixed five cent price, largely because its vending machines only accepted nickels.

Properties

Discovered
Melting point
Density
Conductivity
Malleability



1751
1455°C
8.90 g/cm³
High
High