

Deep-sea mining

What are the minerals found in the deep ocean?



Why may deep-sea mining occur?

TERRESTRIAL SOURCES OF KEY MINERALS ARE RUNNING OUT WHILST CLEAN ENERGY DEMAND IS GROWING RAPIDLY

MINERALS FOUND IN THE DEEP-SEA ARE USED IN EVERYDAY PRODUCTS:



Phases of deep-sea mining



Searching for deposits and estimating size, distribution, composition and economic value



Testing equipment and facilities

Completing environmental, technical, economic and commercial assessments



Construction and operation of mining, processing and transportation systems

Commercial recovery of desposits and subsequent processing

POSSIBLE IMPACTS FROM

- LIGHTS, which can disrupt creatures' biological processes linked to natural light, such as spawning events.
- NOISE, which can disturb creatures that use sound to search for food and mates.
- OPERATIONAL DISCHARGES/EMISSIONS COMPARABLE TO DRILL SHIPS AND DREDGERS, which can pollute the surrounding water.

