



SILICA RESOURCES
A U S T R A L I A



Mining operations at Mourilyan Silica Sands project

Silica Resources Australia

What is a critical mineral?

In the past few years there has been increased media reporting and government focus on 'critical minerals'. But what is a critical mineral?

Critical minerals are minerals that are vital for modern economies but can be scarce or at risk due to various factors. This can include limited geological availability, political instability in producing countries, or trade issues.

Australia is a major player in critical minerals as we have large deposits, we are a global leader in production, and we are seen as a stable and trusted trading partner. The growing demand for critical minerals presents a significant economic benefit for Australia through mining and processing these materials.

Silica, itself, isn't explicitly listed as a critical mineral in Australia. However, the source material for silicon (which is on the critical minerals list), silica flour, is considered critical.

High-purity silica is used in defence, 3D printing, touch screen glass, semi-conductors, solar panels and computer chips. The global demand for high-purity silica is expected to increase as the world expands artificial intelligence and quantum computing capabilities.

So, although silica isn't directly listed, silicon (which is on the critical minerals list), is created using high-grade silica.

Work for SRA

If you are interested in working or contracting to Silica Resources Australia, please send your CV or capability statement to Info@silicaresources.com.au

Contact:

Phone: 1800 SILICA (174 542)
Email: info@silicaresources.com.au
silicaresources.com.au