

Strategic Minerals

Strategic Minerals are those deemed essential to a country's national interest, including economy, industry and commercial output. They are particularly important because of their growing requirement in technological applications and their high risk of supply shortfall. Major sources of strategic minerals are limited to relatively few economic deposits around the world and, with the growing global concern over the supply of these minerals, are typically imported and stockpiled by nations without their own indigenous deposits.

The European Commission defines antimony, beryllium, cobalt, fluorspar, gallium, germanium, graphite, indium, magnesium, niobium, tantalum, tungsten, platinum group metals (PGMs) and rare earth elements (REEs) as critical; though this list does differ between countries and with time.



SRK ES offers:

Experience of evaluating deposits containing these niche commodities including; reconnaissance mapping, sampling and initial resource drilling for REEs and tantalum–niobium mineralisation in the Motzfeldt intrusion and for PGM mineralisation in the Skaergaard intrusion, both in Greenland; exploration programme design and technical reporting for 'coltan' (niobium–tantalum) alluvial deposits in Sierra Leone; magnesite (magnesium carbonate) in Saudi Arabia; tungsten properties in Portugal; and REE projects in Austria, Germany, Armenia, Madagascar and the DRC.

A number of prospectivity analyses for various minor metals have been completed, in addition to assessment of indium tailings in the UK.

Knowledge of the diverse mineralisation styles and deposit types where these minerals are found. By recognising the potential of certain projects containing more than one economic mineral, SRK ES tailors exploration programmes to most efficiently evaluate multi-commodity deposits to maximise value for the client.

Expertise specific to the commodity or commodities of interest. By drawing on the vast experience of the wider SRK Group, SRK ES can ensure that clients' needs are met by a well-respected and trusted international consultancy.

The demand for strategic minerals is not expected to decline in the near future due to the difficulty of replacing them with alternative minerals, their low recycling rates and the low short-term supply predictions. SRK ES is perfectly suited to helping clients exploit this opportunity within the market and to develop potential deposits from grassroots to pre-feasibility level for all types of strategic minerals.

To find out more about our technical services or discuss your project specific needs, please contact us;



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