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SIERRA RUTILE MINE

SIERRA RUTILE MINE

TURNERS' PENINSULA

INFRASTRUCTURE

TRG owns the Sierra Rutile Mine through its subsidiary Sierra Rutile Limited (SRL). The mine is located in the southwest of Sierra Leone near the Imperri Hills, some 30 km from the Atlantic Ocean, on low lying coastal plains about 135 km southeast of the capital Freetown. SRL holds mining leases over a land area of 580 sq. km in which nineteen separate rutile deposits have been identified.

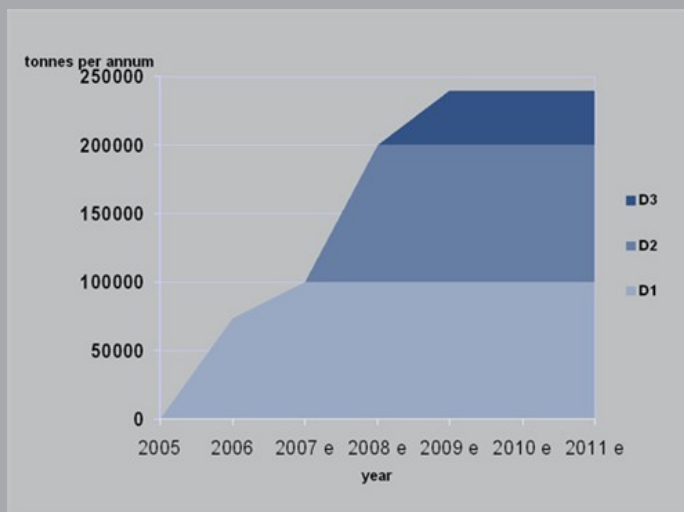
The mining concession is one of the largest natural rutile deposits known in the world. In 2005 Mine Development Associates estimated that proved and probable reserves at SRL were 259 million tonnes at 1.48 per cent recoverable rutile, giving a projected mine life of 19 years. In addition, there is potential for zircon production which is utilised in the production of refractories, ceramics and zirconium chemicals.

The mine currently employs two bucket ladder dredges, [Dredge D1](#) and [Dredge D2](#) and conventional mineral processing methods to produce rutile, ilmenite and small amounts of zircon.

Production capacity currently represents approximately 23 percent of the world's annual supply of natural rutile, however this is expected to increase to 30 percent by 2008 when dredge [D3](#) is completed.

The mine is self-sufficient mine with its own infrastructure and ancillary services.

SRL production capacity growth



[Dredge D2](#)

[Dredge D3](#)