PROJECT PROFILE



Commodity:	Uranium
Client:	Swakop Uranium
Location:	Namibia
Project Type:	EPCM
Scope:	15 million lb/annum uranium plant
Duration:	2012 - 2018
Value:	USD 1.6 billion

HUSAB URANIUM PROJECT

In October 2012, SGS Bateman was awarded the EPCM contract for the Husab project, as part of the Husab Project Joint Venture (HPJV) with AMEC Foster Wheeler. The HPJV was a 50/50 JV. Amec Foster Wheeler had a specific focus on project management and engineering, while SGS Bateman focused on procurement and construction, whilst also undertaking specific engineering packages and commissioning.

Husab is the largest/highest grade, granite-hosted uranium deposit in Namibia. The reserve estimation shows that Husab has a potential mine life of more than 20 years, with uranium reserves of at least 280 million pounds. It is also the third largest uranium-only deposit in the world and has the potential to produce 15 million pounds per annum of uranium oxide, which is more than the total current uranium production of Namibia.

The project lies within the Namib Naukluft National Park and therefore has stringent environmental requirements that the project enforces.

Key features about the project:

- The Husab mine was developed as a low-risk, conventional, large-scale load-and-haul open pit mine, feeding ore to a conventional agitated acid leach process plant
- Ore feed rate of 15 million tonnes per annum over the life of mine (>20 years) with an approximate average stripping ratio of 6.2:1
- Produce 15 million pounds yellowcake per annum, sold on the uranium market as U3O8
- 4 600 000 m³ excavation
- 133 000 m³ concrete
- 11 600 tonnes structural steel
- 37-hectare contractor camp with 4 000 beds.

The Husab project is owned and operated by Swakop Uranium, a wholly-owned Namibian subsidiary of Taurus Minerals Limited, an entity owned by China Guangong Nuclear Power Company (CGNPC) Uranium Resources Co., Ltd. and the China-Africa Development Fund. The Husab Project was previously owned by Extract Resources.