

# Navachab Mine Structural Design Services, Namibia



**Project Overview:** Navachab Mine Structural Design Services, Namibia

**Client:** Lycopodium

**Location:** Namibia

**Completion Date:** 2016

**Scope:** ET-Global was entrusted with providing comprehensive structural analysis and design services for the Navachab Gold Mine, addressing a variety of needs to enhance the mine's infrastructure and operational efficiency.

- Key Contributions:**
- Designed steelwork support for the Dense Media Separation (DMS) structure, vital for the efficient processing of gold ore.
  - Engineered a primary crusher static grizzly, optimizing the initial ore size reduction process.
  - Delivered reinforced concrete designs for the thickener facility, ensuring robust support for solid-liquid separation processes.
  - Conducted numerous structural inspections across the mine, identifying areas for maintenance and improvement to safeguard structural integrity.
  - Collaborated closely with Lycopodium to ensure that all designs and inspections meet the stringent requirements for safety and operational efficiency in gold extraction.