

GENERAL DETAILS	
Role Title	Mine Geologist Internship
Department	Mineral Resource Management (MRM)
Reports to (manager)	Mineral Resource Manager (MRM)
Location	Sukari Gold Mine, Egypt
Date	Starting 1 st September for 8 weeks
CONTEXT	
<p>Centamin is an established gold producer, with premium listings on both the London Stock Exchange and Toronto Stock Exchange.</p> <p>Our business is multijurisdictional, headquartered in Jersey and structured with regional operating and exploration hubs in Egypt and Côte d'Ivoire, creating an exciting, dynamic, entrepreneurial workplace, made up of a talented and ambitious workforce. Our flagship asset is the Sukari Gold Mine ("Sukari"), located in the Eastern Desert of Egypt, and Egypt's largest and first modern gold mine.</p> <p>At Centamin we recognise our responsibility to not only deliver operational and financial performance but to create lasting mutual benefit for our stakeholders through good corporate citizenship. Our commitment to act responsibly as individuals and as a business is reflected in our Company values, purpose, and strategy.</p> <p>Centamin is committed to meeting international standards of good practice in the areas of governance, health and safety, social development and human rights and environmental protection. Our Sustainability Performance Framework ("SPF") provides a systematic approach to how the Company will operate with respect to these key areas. The SPF is underpinned by a series of ESG policies that articulate clear business principles and commitments and are aligned with the Responsible Gold Mining Principles ("RGMPs") of the World Gold Council. Ultimate responsibility for Centamin's sustainability performance sits with the CEO.</p>	
PURPOSE	

Centamin PLC believes diversity and promoting inclusion is an ethical imperative for a sustainable business and are offering an internship under Women in Mining UK's Internship Scheme, to appoint a high calibre remunerated intern to join its Mineral Resource Management Team to support the geological function of the business.

The role will be based at Centamin's Flagship Operation – Sukari Gold Mine in Egypt but may include travel to other locations or offices in and outside the region as required by the Company.

The Mineral Resource Management team takes ownership of the orebodies and manages them to ensure maximum value is extracted. At the same time, identifies and discovers areas of mineralisation to increase the Mineral Resource base and replenish Mineral Reserves.

TYPICAL TASKS

- Exploration (1 week)
 - Introduction to the regional and license geology
 - Soil and rock chip sampling methodologies used in the Eastern Desert.
 - Traverse mapping and interpretations
 - Diamond and RC drilling including logging, XRF, ASD analysis and sectional interpretations.
- Projects (1.5 weeks)
 - Supervising technicians with marking up, orientating core, RQD and sampling
 - Logging diamond core for lithology, alteration, mineralisation, and structure using a tablet.
 - Sectional interpretations on paper and analysis using Leapfrog and Micromine
 - Designing UG drilling using Surpac
 - Analysing whole rock geochemical and ASD data
 - Being involved in geometallurgical sampling and analysis
- Open Pit (1.5 weeks)
 - Mapping the walls and floor for lithology, alteration, structure, and mineralisation.
 - Designing and supervising RC grade control drilling programs, logging RC chips and submitting samples to the onsite assay laboratory
 - Carry out QAQC on drilling data using Datamine Fusion with the Database Administrator.
 - Performing grade control estimation using Surpac and MP3, designing ore blocks and ore spotting in the pit.
 - Checking the ore stockpiles and taking samples
 - Analysing mine to mill reconciliation data
- Underground (1.5 weeks)
 - Mapping and sampling ore and development drives for lithology, alteration, structure, and mineralisation.
 - Geological interpretations and modelling in Leapfrog

<ul style="list-style-type: none"> ○ Assigning grade to ore development and calculating the grade of production stopes ○ Tracking ore tonnes and grade, stockpile management and sampling. ● Resource Estimation (1 week) <ul style="list-style-type: none"> ○ Database management and information validation ○ Site laboratory visit and audit ○ 3D modelling and estimation including grade validation and model reconciliation. ● Individual Assigned Project (1.5 weeks) <p>The roster is 6 days on/1 day off a week.</p>	
ESSENTIAL REQUIREMENTS	
Application/Energy	<p>Excellent communication skills with ability to articulate clearly</p> <p>Highly self-motivated</p> <p>Professional work ethic and behaviour</p> <p>Consistent positive attitude.</p> <p>Willingness to work in hot, arid environments.</p>
Knowledge	<p>Formal qualifications:</p> <p>Essential: Degree in Geology</p> <p>Knowledge and prior mining or exploration experience is an advantage.</p>
Technical Skills	<p>Ability to:</p> <p>Have strong oral and written fluency in English with capability in Arabic an advantage.</p> <p>Report writing and presentation skills an advantage.</p>