



FIRST QUANTUM
MINERALS LTD.

JOB SPECIFICATION

Submitted by	Anthony Mukutuma		
Job Title:	Metallurgist		
Level:	Engineer		
Country:	Finland		
Operation:	FQM Kevitsa Mining Oy		
Department:	Process		
Reports to:	Chief Metallurgist		
Salary (annual):	Currency:	From:	To:
Number of vacancies:	2		
Overview of the role:	Provide Operational and Metallurgical support to ensure optimum process plant performance as part of the process technical team headed by the Chief Metallurgist.		
Responsibilities:	<ul style="list-style-type: none"> • Ensure that Safety protocols and Operating Procedures are followed; • Maintain the metal accounting system for the Mine; • Evaluating process performance to identify and initiate development opportunities; • Provide technical support and training on process unit operations on a daily basis to operations personnel to maximize production and efficiencies and optimize costs; • Design and execute test-work to determine optimal operating conditions and scale-up to plant; • Review plant design for debottlenecking and efficiency/operability improvement and initiate, and provide financial justification for, related capital projects; • Report on plant activities and performance indicators; 		
Qualifications:	Tertiary qualification in Metallurgy/Mineral Processing/Chemical Engineering.		
Experience:	A minimum of 2 years experience in metallurgical process operations and/or R&D/design preferably in the base metals industry and Copper/Nickel milling and flotation circuits, in particular.		
Personal characteristics:	<ul style="list-style-type: none"> • Strong understanding of metallurgical process improvement and control strategies for large-scale, continuous operating mineral processing plants; • Good analytical skills for identifying process shortfalls, bottlenecks and implementing metallurgical testing; • Supervisory skills with ability to delegate and motivate the team towards achieving production targets; • Excellent verbal and written communication skills to facilitate accurate transfer of information in both an upward and downward direction. Must be able to assemble data and provide management with clear and accurate plant performance reports; • Familiarity with EU workplace health and safety and environmental procedures and legislation policies, 		

	<ul style="list-style-type: none"> Experience with work permit systems and safe work procedures to control maintenance activities and manage hazards associated with mining and chemical plant operations. 		
FOR OFFICE USE			
Residency	Residential:	X	Non-residential:
Type of position	Existing:	X	New:
Duration of contract			
To be approved by (1)			
To be approved by (2)			

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