

OCCUPATIONS IN MINING



MINING & COMMUNITY ENGAGEMENT

EDUCATION & EMPLOYMENT





OCCUPATIONS IN MINING

The following list indicates the phases of the cycle where various employment opportunities in mining exist. The list also identifies the level of education and/or on-the-job training needed to work in these occupations. It is important to note that related work experience is also an asset or may be required, depending on each company's hiring practices. Please contact the companies in your area for more information.

EMPLOYMENT OPPORTUNITIES	EDUCATION/ON-THE-JOB TRAINING (STANDARD)	PROFILED IN MINING INDUSTRY HUMAN RESOURCES GUIDE FOR ABORIGINAL COMMUNITIES	EXPLORATION	DEVELOPMENT	OPERATIONS	CLOSURE AND SITE REHABILITATION
ADMINISTRATORS & SUPPORT WORKERS						
Accounting Staff	Degree			X	X	X
Security Guard	Grade 12		X*	X	X	X
Administrative Assistant	Grade 12			X	X	X
Accommodation Provider	Contact employer + On-the-Job Training		X	X	X	X
Laundry Services	Grade 10		X	X	X	
Airport Maintenance/Support	Grade 12		X	X	X	
Catering	Food Preparation Course		X	X	X	X

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Chef/Cook	Diploma		X	X	X	X
Kitchen Staff	Food Preparation Course		X	X	X	X
Administrative Staff	Diploma			X	X	X
Buyer	Grade 12			X	X	X
Bookkeeper	Diploma			X	X	X
Cost Accountant	Degree			X	X	X
Expediter	Contact employer + On-the-Job Training		X	X	X	X
HR Clerk	Degree/Diploma			X	X	X
HR Specialist	Degree/Diploma + Certification			X	X	X
HR Administrator	Degree/Diploma			X	X	X
Payroll Clerk	Diploma			X	X	
Procurement Clerk	Grade 12			X	X	X
Receptionist	Certificate/Diploma			X	X	
Senior Network Administrator	Degree/Diploma			X	X	
Travel Clerk	Grade 12			X	X	

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Warehouse Clerk	Grade 12			X	X	
Medical Orderly/Paramedic	Degree/Diploma		X	X	X	X
Physician's Assistant	Degree/Diploma			X	X	X
Safety Specialist	Degree/Diploma			X	X	X
Janitor	Hazardous Materials Training		X	X	X	X
Warehouse Worker	Grade 12	Profiled		X	X	

MANAGERS

General Manager	Degree		X	X	X	X
Environment Manager	Degree/Diploma			X	X	X
Human Resources Manager	Degree/Diploma	Profiled		X	X	X
Administration Manager	Degree/Diploma			X	X	X
Public and Corporate Affairs Manager	Degree		X	X	X	X
Financial Manager	Degree			X	X	
Marketing Manager	Degree			X	X	
Plant Manager	Degree			X	X	
Camp Manager	Previous Experience		X	X	X	X

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Protective Services Operations Manager	Diploma			X	X	X
Safety Manager	Degree/Diploma			X	X	X
Mine Manager	Degree			X	X	

SUPERVISORS AND COORDINATORS

Previous Work Experience is Required

Employee Relations Coordinator	Degree/Diploma			X	X	
IT Supervisor	Degree/Diploma			X	X	
Training Coordinator	Degree/Diploma			X	X	
HR Coordinator	Degree/Diploma			X	X	X
Materials Management Superintendent	Degree/Diploma			X	X	
Mine Superintendent	Degree			X	X	
Production Supervisor	Certification			X	X	
Drill and Blast Supervisor	Certification			X	X	
General Supervisor	Degree/Diploma			X	X	
Plant Supervisor	Degree/Diploma			X	X	
Mechanical Supervisor	Degree/Diploma				X	X

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Site Services Supervisor	Degree/Diploma			X	X	
Foreman	Diploma			X	X	
Sr. Security Supervisor	Diploma			X	X	X
Aboriginal Liaison	Grade12		X	X	X	X
Environmental Coordinator	Degree/Diploma				X	X
Communications Coordinator	Diploma		X	X	X	X
Business Development Coordinator	Degree/Diploma		X	X	X	
Health and Safety Coordinator	Diploma/Certificate	Profiled		X	X	
Maintenance Supervisor	Diploma			X	X	
OPERATORS						
Pit Operator	On-the-Job Training			X	X	
Production Drill Operator	Grade 12+ On-the-Job Training			X	X	
Bulk Sample Plant Operator	Grade 12+ On-the-Job Training			X	X	
Central Control Room Operator	Grade 12+ On-the-Job Training				X	

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General Maintenance and Dewatering Operator	Grade 12+ On-the-Job Training				X	
Laboratory Operator	Grade12 + On-the-Job Training				X	
Recovery Operator	Grade12				X	
Heavy Equipment Operators	Commercial Vehicle License + Heavy Equipment Operator Certificate	Profiled	X	X	X	X
Transportation and Freight Vehicle Operator	Commercial Vehicle License + On-the-Job Training		X	X	X	X
Helicopter/Aircraft Pilot	Commercial Pilot License		X	X	X	X
Crane Operator	Heavy Equipment Operator Certificate			X	X	X
Fuel Truck Driver	Commercial Vehicle License + On-the-Job Training			X	X	X
Grader Operator	Heavy Equipment Operator Certificate + On-the-Job Training			X	X	X

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Haul Truck Driver	Commercial Vehicle License + On-the-Job Training			X	X	X
Loader Operator	Heavy Equipment Operator Certificate + On-the-Job Training			X	X	X
Truck Driver	Commercial Vehicle License + On-the-Job Training			X	X	X
Scoop-tram, Boom Operator	Heavy Equipment Operator Certificate + On-the-Job Training			X	X	

TECHNICIANS

Lab Technician	Diploma	Profiled	X		X	X
IT Specialist/Technician	Degree/Diploma			X	X	
Driller	Grade 12 + On-the-Job Training	Profiled	X	X	X	
Drill Helper	Grade 12		X	X	X	
Blaster	Grade 12 + On-the-Job Training	Profiled		X	X	

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Demolition Expert	Degree/Diploma + On-the-Job Training + Hazardous Materials/ Dangerous Goods Training			X	X	X
Explosive Manufacturer	Hazardous Materials/ Dangerous Goods Training + On-the-Job Training			X	X	
Explosive Manufacturer Assistant	Hazardous Materials/ Dangerous Goods Training + On-the-Job Training			X	X	
Miner	Grade 10 + On-the-Job Training			X	X	
Fuel Handler	Hazardous Materials/ Dangerous Goods Training, Petroleum Mechanic Course		X	X	X	X
Labourer	Grade10	Profiled	X	X	X	X
Materials Handlers	Grade12	Profiled		X	X	
Photographer	Diploma			X	X	X

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Agricultural Specialist	Degree		X			X
Main Treatment Plant Engineer	Degree/Diploma				X	
Biologist	Degree		X			X
Environmental Monitor	Degree	Profiled		X	X	
Environmental Coordinator	Diploma or Experience	Profiled	X	X	X	X
Environmental Specialist	Degree/Diploma			X	X	X
Environmental Technician	Degree/Diploma				X	
Water Sampler	Grade12	Profiled	X	X	X	X
Chemical Engineer	Degree		X	X	X	
Civil Engineer	Degree	Profiled		X	X	X
Electrical Engineer	Degree	Profiled		X	X	
Geological Engineer	Degree	Profiled	X	X	X	X
Mechanical Engineer	Degree	Profiled		X	X	
Metallurgical Engineer	Degree	Profiled		X	X	
Mining Engineer	Degree/Diploma	Profiled		X	X	
Process Engineer	Degree		X	X	X	

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Mining Technician	Diploma	Profiled		X	X	
Water Management Technician	Degree/Diploma				X	X
Geochemist	Degree	Profiled	X	X	X	
Geologist	Degree/Diploma	Profiled	X	X	X	
Geophysicist	Degree	Profiled	X	X	X	
Hydrogeologist	Degree/Diploma		X	X	X	
Metallurgist	Degree/Diploma			X	X	
Field Assistant	Grade10 + On-the-Job Training		X	X	X	
Prospector	Grade12 + On-the-Job Training	Profiled	X			
Sampler	Grade10 + On-the-Job Training		X	X	X	
Landscape Specialist	Degree/Diploma					X
Tree Planter	Experience					X
Mining Technician	Diploma			X	X	
Claim Staker	Grade 12 + On-the-Job Training		X			

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Line Cutter	Grade 12 + On-the-Job Training	Profiled	X			
Steel Erector	Grade 12 + Trades Certification			X	X	
Surveyor	Diploma/Certificate	Profiled			X	
Survey Technician	Diploma				X	
Carpenter	Grade 12 + Trades Certification		X	X	X	
Diesel Mechanic	Grade 12 + Trades Certification			X	X	
Drafting Technician	Diploma		X	X	X	
Electrician	Trades Certification		X			
GIS Technician	Diploma	Profiled		X	X	
High Voltage Electrician	Grade 12 + Trades Certification				X	
Instrumentation Technician	Diploma			X	X	
Machinists	Grade 12 + Trades Certification	Profiled		X	X	
Mechanic	Grade 12 + Trades Certification		X	X	X	X**

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Millwright	Grade 12 + Trades Certification	Profiled			X	X**
Pipefitters	Grade 12 + Trades Certification			X	X	X**
Plumber	Grade 12 + Trades Certification			X	X	X**
Welder	Grade 12 + Trades Certification			X	X	X**

*Needed for the gold and diamond industry

** Position needed during specific time after mine closure and decommissioning



Canada

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