

APPENDIX 16.II

Estimated Human Resource Requirements for Operations

(Source: Fortune Minerals Limited)

FORTUNE MINERALS LIMITED NICO DEVELOPER'S ASSESSMENT REPORT

Job Title	Profession	Education	Employee Numbers
Underground Mine			
Underground Superintendent	Engineer	B.Eng.	1
Mine (Ventilation) Engineer	Engineer	B.Eng.	1
Mine (Planning Engineer)	Engineer	B.Eng.	0
Geotechnical Engineer	Engineer	B.Eng.	2
Underground Shift Boss	Operator	NT Ticket	4
Underground LHD	Operator	High School	4
Underground Haul Truck	Operator	High School	8
Jumbo Driller	Operator	High School	2
Production Driller	Operator	High School	2
Underground Miner (Blasting Ticket)	Operator	High School	4
Underground Electrician	Artisan	JM Trade	2
Underground Pipefitter	Artisan	JM Trade	2
Underground Mechanic	Artisan	JM Trade	4
<i>Underground Mine Total</i>			36
Open Pit Mine Operations			
Operations Superintendent	Engineer	B.Eng.	1
Mine Shift Boss	Operator	NT Ticket	2
Mine Foreman	Operator	NT Ticket	0
Production Shovel	Operator	High School	2
992 Loader (Crusher and Backup)	Operator	High School	2
Haul Truck	Operator	High School	6
Drill	Operator	High School	2
Dozer/Grader/Water Truck	Operator	High School	4
Blaster	Operator	High School	2
Blaster Helper	Labourer	High School	2
FEL Operator	Operator	High School	0
Crusher Operators	Operator	High School	4
Dryman	Labourer	High School	2
<i>Open Pit Mine Operations Total</i>			29
Technical Services			
Tech Services Superintendent	Geologist/Engineer	B.Sc.	0
Geologists	Geologist	B.Sc.	2
Senior Mining Engineer	Engineer	B.Eng.	1
Mining Engineer	Engineer	B.Eng.	1
Planning Engineer	Engineer	B.Eng.	2
Mine Technologist	Technologist	D.Tech	2
Surveyor	Technologist	D.Tech	2
<i>Technical Services Total</i>			10

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Job Title	Profession	Education	Employee Numbers
Environmental Services			
Environmental Superintendent	Scientist/Engineer	B.Sc./B.Eng.	1
Regulatory Coordinator	Scientist/Engineer	B.Sc./B.Eng.	1
Environmental Technologist	Technologist	D.Tech	4
<i>Environmental Services Total</i>			6
Processing Plant			
Concentrator Superintendent	Engineer	B.Eng.	1
Metallurgist	Engineer	B.Eng.	2
Plant Shift Foreman	Operator	D.Tech.	4
Trainer	Operator	D.Tech.	0
Grinding Operator	Operator	High School	4
Flotation Operator	Operator	High School	4
Tailings Operator	Operator	High School	4
Control Room Operator	Operator	D.Tech.	0
Plant Helper	Labourer	Labourer	4
<i>Processing Plant Total</i>			23
Analytical Group			
Chief Analyst Laboratory	Chemist	B.Sc.	1
Senior Assay Technician	Assayer	B.Sc.	1
Assay Technician	Technologist	D.Tech	4
Sample Preparation	Labourer	High School	4
<i>Analytical Group Total</i>			10
Power & Maintenance Services			
Maintenance Superintendent	Engineer	B.Eng.	1
O/P Maintenance Lead Hand	Artisan	JM Trade	2
Plant Maintenance Lead Hand	Artisan	JM Trade	2
Maintenance Planner	Engineer	D.Tech	1
Reliability Engineer	Engineer	B.Eng.	1
O/P Mechanical Technician	Technologist	D.Tech.	0
O/P Electrician	Artisan	JM Trade	0
O/P Mechanics	Artisan	JM Trade	2
O/P Welders/Tires/Field Tech	Artisan	JM Trade	4
Service Truck Attendant	Operator	High School	2
O/P Labourer	Labourer	High School	0
Plant Millwright	Artisan	JM Trade	4
Plant Welder	Artisan	JM Trade	2
Plant Mechanic	Artisan	JM Trade	2
Plant Pipefitter/Gas	Artisan	JM Trade	0
Plant Carpenter	Artisan	JM Trade	1

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Job Title	Profession	Education	Employee Numbers
Electricians	Artisan	JM Trade	4
Instrumentation Mechanic	Artisan	JM Trade	0
Computer Technician	Technologist	D.Tech.	1
Stationary Engineer	Artisan	JM Trade	2
Boiler Engineer	Artisan	JM Trade	0
Water Treatment Technician	Technologist	D.Tech.	2
Plant Labourers	Labourer	High School	0
<i>Power & Maintenance Services Total</i>			33
Administration			
Mine Manager	Engineer	B.Eng.	1
Executive Assistant	Secretary	Diploma	1
Receptionist	Secretary	Diploma	0
Superintendent Commercial	Accountant	CA/CGA/CMA	0
HR Co-ordinator	HR Professional	CHRP	1
Community Liaison Coordinator	HR Professional	CHRP	1
Safety Coordinator/Mine Rescue	Safety Professional	CRSP	1
Accountant	Accountant	CA/CGA/CMA	0
Accounting Clerk	Bookkeeper	Diploma	2
Purchasing Coordinator	Buyer	CPP	0
Purchasing Clerk	Buyer	CPP	0
Stores and Logistics Clerk/First Aid	Warehouseperson	P.Log	2
<i>Administration Total</i>			9
Potential Contractors			
Camp Manager	Administrator	B.A.	2
Support Team (cooking and cleaning)	Caterer	High School	14
Security/EMT1	Security	Diploma	2
Nurse	Nurse	B.Sc.	0
<i>Potential Contractors Total</i>			18
Totals			174
Total Without Underground			138