

Table 16.7: Manpower Requirements per Year and Division

Description	Pre-Prod	Production Period													Stockpile	
	-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
G&A Services																
Mine Manager	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HR Superintendent	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
HR Clerk	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Recruiter	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Mine Clerk (Document Mgmt)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Receptionist/Office Administrator	1	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0
Accountant	1	2	3	3	3	3	3	3	3	3	3	3	3	2	1	1
Purchasing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Warehouse Clerk (Shipping/Receiving)	4	4	6	6	6	6	6	6	6	6	6	6	6	4	2	2
H&S Coordinator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H&S Trainer	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0
Environmental Coordinator	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Environmental Technician	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
IT	1	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0
Security/First Aid Person	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Dryman	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2
Chief Geologist	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
Chief Engineer	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
Long Range Planner Engineer	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
Mech. Eng.	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
Elec. Eng.	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
Yard Man	4	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4
Technical Services																
Chief Geologist	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Senior Geologist	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Geological technician	0	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
Pit geologist	2	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0
Sampler	2	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0
Chief Engineer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Long Term Planner engineer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Production Engineer	1	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
Surveyor	2	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0
Rock mechanic Engineer	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Drill and Blast Technician	1	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
Maintenance																
Maint. Superintendent	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Chief mechanic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Foreman Mechanics	1	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0
Mechanics	6	22	22	22	22	22	22	22	22	22	22	22	22	22	8	8
Mechanic helpers	2	10	10	10	10	10	10	10	10	10	10	10	10	10	4	4
Mechanical Engineer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Planner	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Welder	0	6	6	6	6	6	6	6	6	6	6	6	6	6	1	1
Machinist	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Supervision Operation																
Superintendent	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Mine Captain	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
Shift Boss	4	8	8	8	8	8	8	8	8	8	8	8	8	8	0	0
Mine clerk	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
Operation																
Driller - Drill & Blast	4	8	8	16	16	16	16	16	16	16	16	12	8	4	0	0
Driller helpers	0	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0
Sharpener - Drill & Blast	0	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
Shovel Operators	4	8	8	12	12	12	12	12	12	12	12	12	8	8	0	0
Loader operator	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Truck Drivers	12	24	24	40	40	40	44	52	52	52	52	32	16	4	4	4
Dozer Operators - Road & Dump	2	16	16	16	16	16	16	16	16	16	16	16	12	8	0	0
Grader Operators - Road & Dump	0	8	8	8	8	8	8	8	8	8	8	8	4	4	2	2
Service operator - Service	4	16	16	16	16	16	16	16	16	16	16	16	16	16	4	4
Labourer - Service	0	16	16	16	16	16	16	16	16	16	16	16	16	4		
Trainer - Supervision	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
Mill & Assay Lab																
Mill/Assistant Mill Superintendent	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Trainer - Supervision	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Technical (Metallurgist, Technician)	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
General Operations/Shift Foreman	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Operators (Crushing, Grinding, CIL)	16	16	16	16	18	18	18	18	18	18	18	18	18	18	18	18
Mechanical/Electrical Planner	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
Maintenance Foreman (Mech, Elec)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Maintenance (Millwright, Welder)	10	10	10	10	12	12	12	12	12	12	12	12	12	12	12	12
Electrician/Instrumentation Technician	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
Site Services	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Chief Chemist	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Technicians (Sample Prep, Wet Lab, Assays)	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12
Total Hourly & Staff	159	297	300	328	336	336	340	348	348	348	348	344	308	258	123	123