

# Case Study: Integrated Mine to Mill Operations planning delivers significant productivity gains

## Client

Global Mining  
Mine and Mill brown field expansion

## Solutions

- ▶ Integrated Operations
- ▶ Coaching and Development
- ▶ Leadership Engagement
- ▶ Management Operating System
- ▶ Utilization and Availability Optimization



## CHALLENGE

- ▶ New Capex expansion involving new shaft and mill construction on brownfield site.
- ▶ Ambitious targets for onboarding, training new employees and completing operational readiness activities on time.
- ▶ Existing brown field site maintenance and operations processes needed to be upgraded and integrated with new facilities, especially with regards to asset management
- ▶ Several functional silos and logistics preventing required collaboration and integration
- ▶ Inexperienced junior management and underperforming brownfield operations.



## APPROACH

- ▶ Established clear RACI amongst multidisciplinary team.
- ▶ Developed detailed readiness plans and designed a sequential project that integrated all activities, technical, behavioral, administrative that could impact critical path.
- ▶ Utilized Myrtles MOS™ to build effective cross-functional communication and collaboration mechanisms.
- ▶ Developed upgraded maintenance work management, reliability and operating strategies
- ▶ Coached junior management to be effective in new roles.
- ▶ Conducted detailed risk management processes and mitigating strategies to support critical path



## RESULT

- ▶ Borer asset fleet availability increased from 79% to 89% in 12 months
- ▶ One mill proved to operate at 97%
- ▶ Operational readiness activities completed on time
- ▶ Run up to full production attained with targets exceeded by 20%
- ▶ Schedule attainment led to the ability to execute 21% more work with the same craft resources in the mill during high production outputs
- ▶ Once growing maintenance backlog continues to decrease at a rate of 1-3% per week due to work order management and workforce efficiency
- ▶ Provided asset management fundamentals training with practical exercises to increase work skills

*“The best part of the project though is how much they worked with my people to bring up their skill level and expertise which is going to pay dividends for many years to come.”*

- Division General Manager