



# Dust Mitigation and Study Works

PARABURDOO MINE, WESTERN AUSTRALIA

## PROJECT OVERVIEW

**CLIENT:** Rio Tinto Iron Ore  
**DATE:** 2016  
**ENVIRONMENT:** Brownfield

G&S Engineering were engaged to supply a team to complete initial dust system repairs and maintenance to maintain existing systems and equipment. Further to this G&S undertook a detailed study of the dust mitigation system with the goal being to materially decrease the level of airborne dust across the three mine sites within the Greater Paraburdoo Operations.

The study included site investigation of all processes, concept analysis and evaluation, options assessment and development of a high level dust mitigation plan, overall cost estimates of complete design and implementation options with comparisons over a 25 year life cycle.

