

PROJECT REPORT

Project: Quarry, Australia

Issue on Site: Materials Handling Dust Control

RST Product Used: HiFoam

1. Introduction / background

This Quarry needed a solution to control dust right through the materials handling chain starting at the Crusher, along the conveyors to the stockpiles the loading onto trucks.

Our recommended solution was **HiFoam**.



2. HiFoam application

- **HiFoam** was added at a 0.7% dilution rate through application equipment specifically designed and manufactured for this application.
- The equipment uses compressed air, water and **HiFoam** to create a foam with shaving cream consistency.
- This foam is added into the crusher which creates a micro film of foam over all the aggregate.



3. Results

- Total dust elimination through the materials handling chain.
- Foam dissipated by the end of the material handling chain.

