



PearlStreet

MINING / MATERIALS HANDLING CASE STUDY

MATERIALS SELECTION AND HEAT TREATMENT TO IMPROVE COMPONENT PERFORMANCE

SERVICES: Engineering & Materials Consulting, Heat Treatment

THE PROBLEM

Inadequate component performance

THE CHALLENGE

Increase component life utilising readily available materials

OUR SOLUTION

Using our existing knowledge we selected a material and performed heat treatment. We then undertook metallurgical investigation to assess suitability for service.



BENEFITS

- Production of cost effective satisfactorily performing components
- Efficient investigation using only one service provider