



# PearlStreet

MINERALS PROCESSING CASE STUDY

## NON DESTRUCTIVE TESTING & INSPECTION FOR PLANT OPERATION AND MAINTENANCE

**SERVICES:** NDT, Inspection

### THE PROBLEM

Mineral processing company commissioned new plant / new process and required non intrusive inspection to identify problems.

### THE CHALLENGE

To develop non intrusive inspection techniques and gain access to Non Destructive Testing (NDT)/ Inspection resources, as and when required to ensure integrity problems are efficiently and effectively identified.

### OUR INVOLVEMENT

- Provided full NDT / Inspection services
- Developed Ultrasonic Phased Array procedure
- Took an active role in shutdown planning and execution
- Worked closely with plant area managers to consult on plant maintenance problems and solutions



### BENEFITS

- Reduced down time as a result of inspection processes
- More efficient management of shutdowns
- Reduced shutdown costs through the use of locally-based resources
- Shorter shutdown periods as a result of increased knowledge of asset condition amongst inspectors and asset managers

### WHY CHOOSE PEARLSTREET?

- Capacity to supply local resources
- Availability of advanced NDT equipment locally
- Ability to secure additional resources at short notice
- Ability to provide innovative solutions to particular inspection issues

PearlStreet is a leading provider of testing, inspection and asset care services to the energy, resources and infrastructure sectors.

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