



# CASE STUDY

## CLAM SHOVEL REBUILD



### PROBLEM:

Operator was experiencing excessive wear on their PC5500 Surface Mining Excavators in Canada working in a high impact, high abrasion gold ore mining environment.

### SOLUTION:

Operation is more productive by rebuilding the CLAM's using...

**QT- PLUS, CHROMEWELD, AND HARDGUARD.**

**CLAM REBUILDS USING JADCO PRODUCTS OFFER MORE THAN 2X THE LIFE** \* Over standard clam shovels



**CLAM SHOVEL REBUILDS**

**MADE JADCO TOUGH**

**WHO:** SURFACE MINING  
**WHAT:** MULTIPLE PC5500 CLAM REBUILDS  
**WHERE:** SURFACE MINING OPERATION SERVICING CANADA

**INDUSTRY:** MINING  
**CHALLENGE:** HIGH IMPACT & HIGH ABRASION  
**SOLUTION:** CLAM REBUILDS WITH QT-PLUS®, 3D CARB, CHROMEWELD OVERLAY, & HARDGUARD



**JADCO PRODUCTS EXTEND THE LIFE OF EVERY CLAM SHOVEL REBUILD**



JADCO products, including QT-PLUS® are designed for superior formability and durability when compared to other high abrasion-resistant plates in this class.

### CHALLENGE:

Non-stop high impact and high abrasion moving gold ore causing clam shovel deterioration when moving substrate. The result was excessive wear leading to structural issues and decreased productivity throughout their entire system.

### SOLUTION:

Rebuilt clam shovels using JADCO proprietary QT-PLUS®, CHROMEWELD® Overlay, 3D Carb and HARDGUARD in each of the clients shovels. JADCO products provide superior impact and abrasion resistance over OEM mild steel.

Our solution reduces wear, minimizes corrosion, and reduces downtime by eliminating the need for frequent maintenance repairs.

## PAYOFF:

**CLIENT EXPECTS TO GET 2X LONGER LIFE\* AT AN INITIAL SAVINGS OF 50% ON MULTIPLE REBUILT SHOVELS. THIS SOLUTION REDUCES WEAR AND REDUCES DOWNTIME, ELIMINATING THE NEED FOR FREQUENT MAINTENANCE REPAIRS.**

## RESULTS:

**INSTALLING JADCO PRODUCT IN YOUR CLAM SHOVEL REBUILD DELIVERS 2X LONGER LIFE JADCO PRODUCTS DOUBLES WEAR LIFE OF STANDARD CLAM SHOVELS**

### GET A QUOTE

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### MADE IN USA

