



HIGH VIBRATION WIRE SCREEN

APPLICATION CASE STUDY

HARD BASALT WITH CLAY > *Spokane, WA, USA*

SITUATION: Quarry suffering from high-cost, frequent woven wire screen changeouts.

PROBLEM:

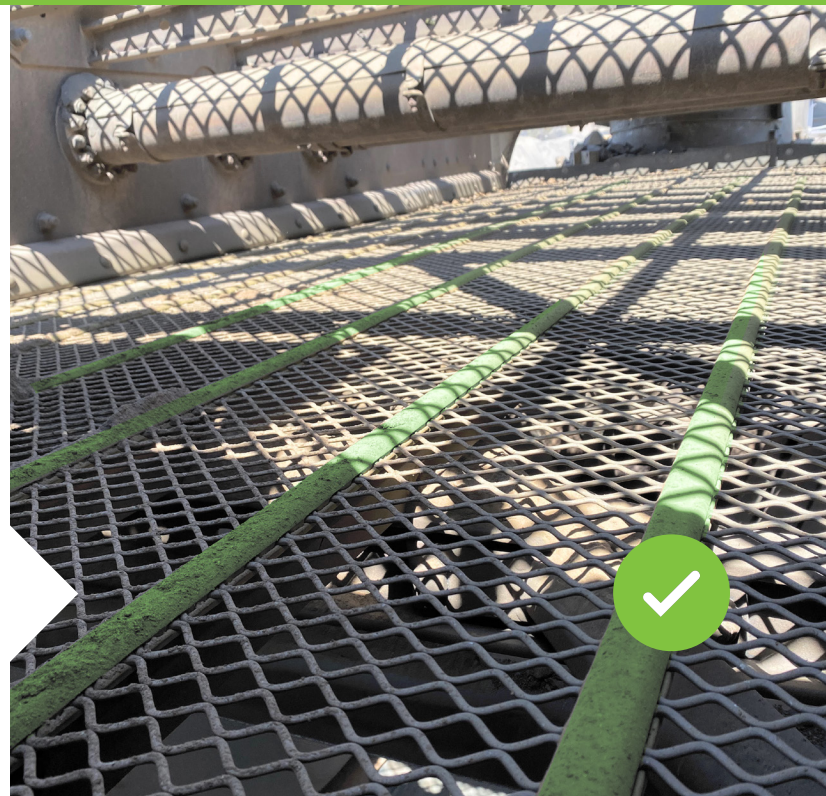
High operating costs due to frequent woven wire screen changeouts.

- Replaced the top deck 22 times in the previous year.
- Only able to reject at a 1-inch opening, resulting in a wasted material in the reject pile.
- Inhibited productivity due to stopping production for frequent changeouts and high carryover.

SOLUTION:

Tested FLEX-MAT high vibration wire screens.

- High-strength wire bonded by polyurethane for longer wear life.
- Scalp screen able to reject at a 3/4-inch openings.



BENEFITS:

- > Saved as much as \$4,247 per month in screen media costs.
- > Received up to \$160,000 worth of base material increase on the 320,000-ton test.

**OPERATION RECEIVED AS MUCH
AS \$162,175 FROM ADDITIONAL
PRODUCTION EFFICIENCY AND
COST SAVINGS.**



In collaboration with Dealer Maxim Equipment

Major is a global leading manufacturer of high-performance wire screening media, namely Flex-Mat High Vibration Wire Screens.
www.majorflexmat.com



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