

FLEX-MAT®

HIGH VIBRATION WIRE SCREEN

APPLICATION CASE

MANGANESE ORE > Australia

SITUATION:

Single-deck scalping screen box running woven wire media causing severe pegging issues, resulting in downtime and production losses.

PROBLEM:

A manganese mining operation suffered from severe pegging using traditional woven wire screen media.

- Extensive pegging issues.
- Shutting down daily to clean media.

SOLUTION:

Switched to **Flex-Mat Type D** with 2½" (63mm) opening.

- Eliminated pegging and downtime.
- Reduced oversize material.



BENEFITS:

- > Flex-Mat increased production by 140 TPH.
- > Oversize to crusher nearly eliminated.
- > Greater wear life and open area due to the Woven Screen made with flex-mat's optimum wire used.

**THE OPERATION RAN
OVER 2 YEARS WITHOUT
STOPPING TO CLEAN
THE SCREEN MEDIA.**