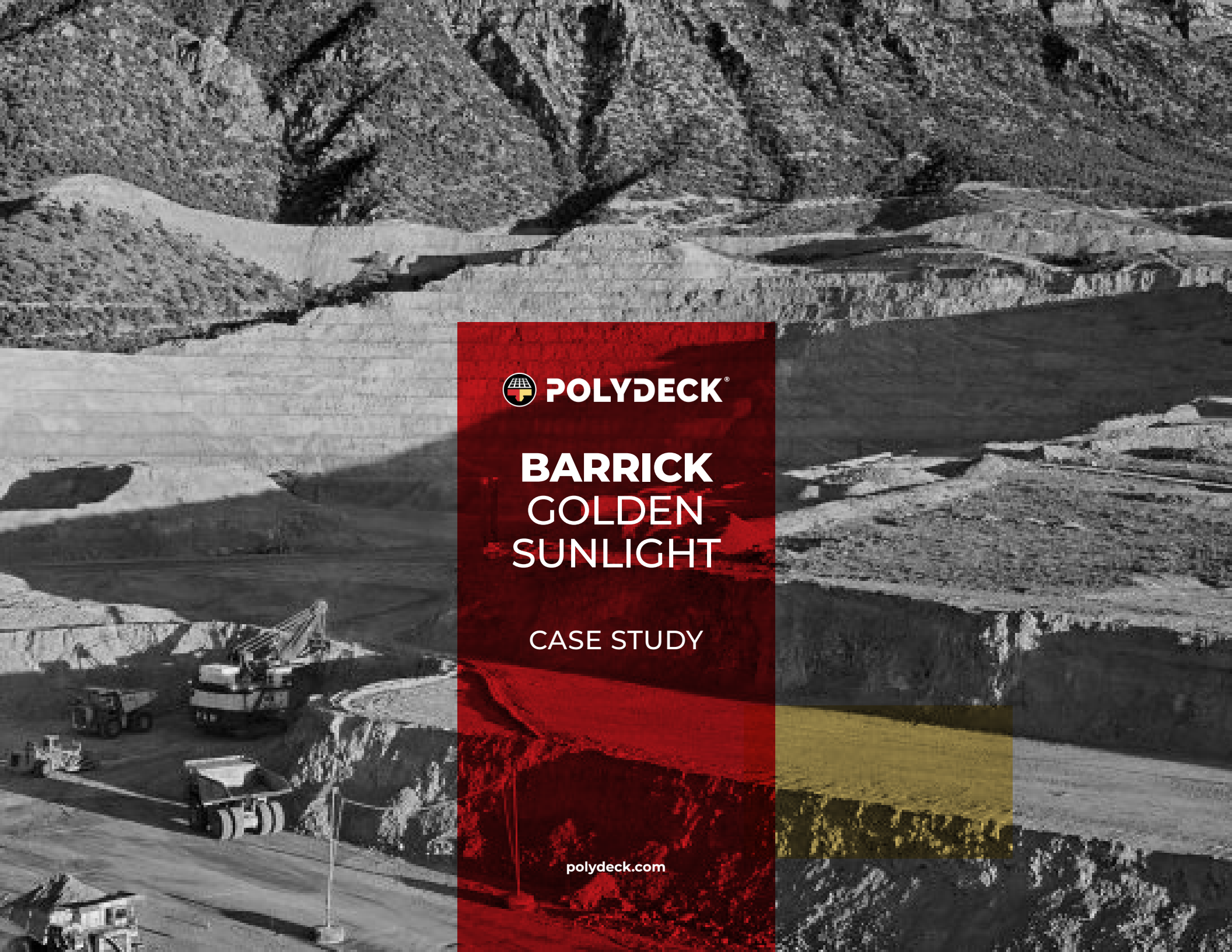


POLYDECK®

BARRICK GOLDEN SUNLIGHT

CASE STUDY

polydeck.com

CHALLENGE

Barrick Golden Sunlight was accustomed to their heavy gauge wire cloth on their secondary scalping screen producing minus 5-1/2” crushed gold ore. Initially, they had no complaints about their setup but did acknowledge they experienced occasional buildup problems. Upon further observation, the excessive travel rate and lack of bed depth were causing issues in their operation.

** Image of competitor’s 2” wiggle wire on top deck of secondary scalping screen*

- 3 – 4 week wear life was extremely poor relative to other plants
- Evidence of problems from ‘z’ wire found on site
- Downtime due to build up, maintenance and wire change-outs was starting to take its toll
- Excessive travel rate

APPLICATION DETAILS

- **800TPH**
- **50mm square top deck, heavy-gauge wire cloth**
- **20mm slot bottom deck, heavy-gauge wire cloth**

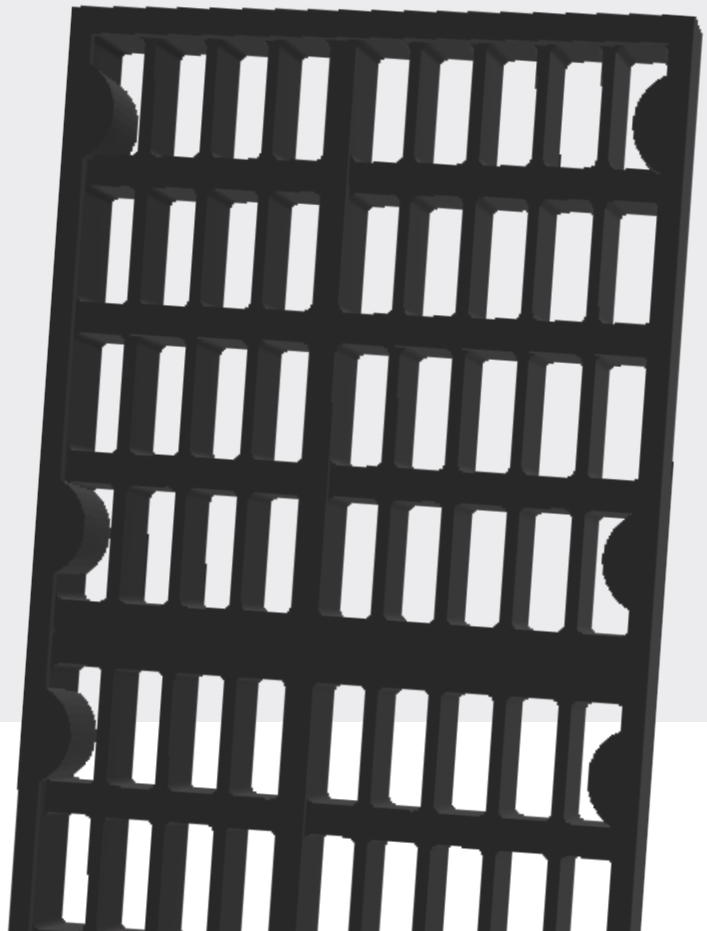
SOLUTION

** Image shows competitor wire on bottom deck of screen.*

After dialing in the right screen design and aperture for the operation, Polydeck determined that Rubberdex screen media would be the right solution for Barrick Golden.

Polydeck replaced the heavy gauge wire cloth with Rubberdex, allowing for longer wear life than what the operation was experiencing.

Using 40 durometer rubber allowed the operation to run the screen backwards, slowing the travel rate and allowing a more efficient separation.



RESULTS

After replacing wire cloth with modular screen media designed for its operation, Barrick Golden has increased their throughput and reduced downtime due to product wear change-outs.

- Increased throughput
- Reduced downtime
- Increased efficiency
- Reduced travel rate
- Reduced maintenance costs
- Reduced screen media costs

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