

Gold Mining and Production

In late 2007, Implementation Services began working with a mid-tier gold mining company. The strategic objective of our client was to increase throughput capability and mine and mill as much gold as possible. As part of the Implementation Engineeringsm phase a Value Stream Analysis was conducted over 8 weeks from exploration through gold pouring to determine gaps from current state and required state of operation.

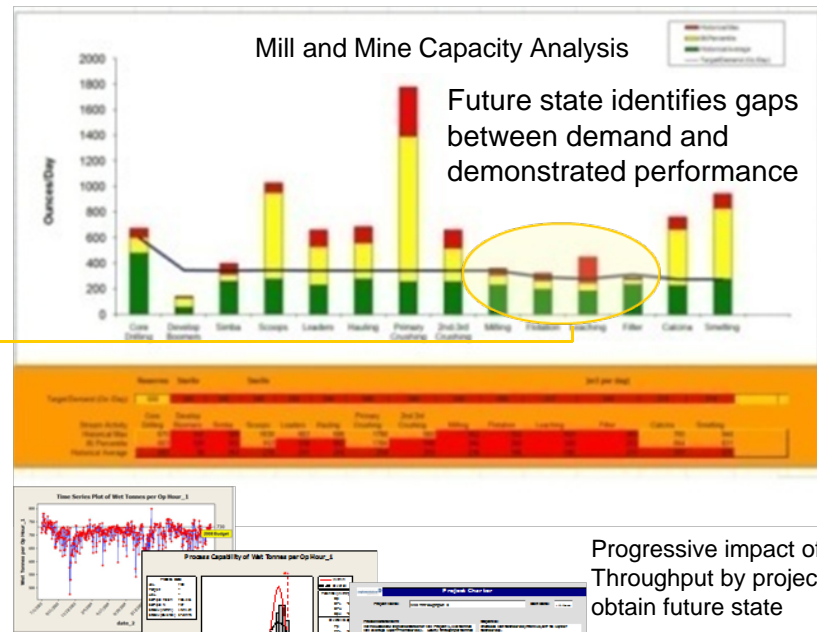
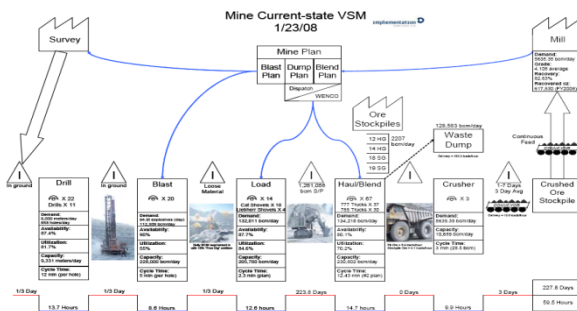
Objectives

To identify throughput improvement opportunities for the entirety of the gold mining and production value stream.

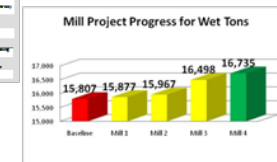
Approach

Implementation Services data driven Implementation Engineeringsm Phase leveraged a Value Stream Analysis approach that identified the key process and human resource constraints that impede optimal production of gold.

- Current State Analysis
 - Build Value Stream Map
 - Conduct Capacity Analysis
 - Analyze Statistical Data
- Future State
 - Process Gap Analysis
 - Project Identification
 - Financial Analysis
 - Project Plans
 - Implementation Execution Plan



Progressive impact of Mill Throughput by project to obtain future state



Results

- \$50M+ Annualize Net Income Benefits identified
- \$18M in Annualized benefit within first 6 months
- Following our work our Client realized record gold production Increasing throughput by over 50%