• Margin over volume
• +60% of material remains underground
• Smaller underground openings
• No or small tailings storage
• Reduced waste disposal
• Smaller surface infrastructure
• Low surface footprint
• Reduced energy

• Reduced material movement
• Underground extraction
• Selective (precision) mining
• Pre-concentration at the face
• Ore sorting technologies
• Underground modular plant

• Low to no material movement
• Underground extraction
• Fracturing ore in place underground
• Leaching technologies to extract ore

• No material movement
• Surface extraction
• Drilling technologies
• Leaching agents deployed

REDUCED ROCK MOVEMENT AND FOOTPRINT