

Gold Buying & Recovery Revenue Model

Strategic Gold Recovery & Processing Project

Silobela, Zimbabwe

This document outlines the estimated revenue potential associated with gold buying operations, wet pan processing services, vat leaching partnerships, and secondary tailings recovery activities linked to the proposed integrated gold recovery project located in Silobela, Zimbabwe.

The model combines multiple revenue streams including:

- direct gold buying from artisanal miners,
- wet pan processing recovery participation,
- vat leaching tank operations,
- residual tailings acquisition,
- and secondary recovery through the 200TPD Gravity + Ball Mill + CIP Processing Plant.

The analysis uses:

- estimated gold selling price: USD \$155 per gram,
- estimated gold buying price: USD \$145 per gram,
- and preliminary assay and processing estimates.

Key Financial Assumptions

Item	Value
Gold Selling Price	USD \$155/g
Estimated Buying Price	USD \$145/g
Estimated Gross Margin	USD \$10/g
Vat Leaching Tanks	12 Units
Processing Plant Capacity	200TPD
Estimated Tailings Portfolio	77,400 Tons

1. Example Gold Buying Revenue Model

Example Volume	Buying Cost	Selling Revenue	Estimated Gross Margin
1kg Gold (1,000g)	\$145,000	\$155,000	\$10,000
5kg Gold	\$725,000	\$775,000	\$50,000
10kg Gold	\$1,450,000	\$1,550,000	\$100,000

2. Wet Pan Processing Revenue Potential

Scenario	Estimated Gold Production	Estimated Revenue @ \$155/g
Conservative	2.7kg / Month	\$418,500
Moderate	5.4kg / Month	\$837,000
High Grade	9kg / Month	\$1,395,000

3. Vat Leaching Revenue & Residual Tailings

Revenue Category	Estimated Revenue
Weekly Leasing Revenue	\$3,600
Monthly Leasing Revenue	\$14,400
Annual Leasing Revenue	\$172,800

4. Partnership Tailings Recovery Revenue Potential

Project	Tonnage	Estimated Gold Content	Estimated Revenue @ \$155/g
Hlhlohlo	1,500 Tons	3.51kg	\$544,050
Nsingo	40,000 Tons	39.6kg	\$6,138,000
Mpofini	5,000 Tons	5.9kg	\$914,500
Zuma	900 Tons	2.68kg	\$415,400
Comfort	30,000 Tons	9.9kg	\$1,534,500
TOTAL	77,400 Tons	61.59kg	\$9,546,450

Conclusion

The integrated business model combines gold buying, wet pan processing, vat leaching operations, and secondary tailings recovery into a diversified regional gold recovery ecosystem.

The combination of:

- multiple feedstock sources,
- strategic artisanal mining partnerships,
- centralized processing infrastructure,
- and scalable recovery systems

creates strong long-term revenue generation potential and operational scalability.