TALA STONE QUARRY

Vision

Strategy

Growth

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Tala Stone Quarry

Est. 2025

Mining & Aggregates

Executive Summary

Tala Stone Quarry

Awutu Oshimpo, Central Region

High-Level Project Overview

Premium quarry mining operation targeting $4.2M revenue by Year 3

Strategic reserves of 12M+ tonnes across 223 acres high-yield extraction site

IRR of 28% with full capital recovery projected within 4 years

Investment Highlights

This quarry mining venture represents a high-conviction infrastructure opportunity with proven geology, secured land rights, and strong regional demand for aggregate materials.

- Total Investment Required: $18.5M
- Target Markets: Construction, Infrastructure & Export
- Projected EBITDA Margin: 34% by Year 2
- Employment Creation: 320+ direct jobs
- ESG-compliant extraction with land rehabilitation plan
- Off-take agreements secured with 4 Tier-1 contractors

The project combines operational efficiency with scalable infrastructure, positioning investors for sustained, long-term returns in a high-demand commodities market.

Opportunity

Tala Stone Quarry

Awutu Oshimpo, Central Region

Market Potential

01

Total Raise: $500K - 1.2 M Series A targeting quarry infrastructure expansion

02

Projected IRR of 28–34% over a 5-year investment horizon

03

3.2x equity multiple with exit via strategic acquisition or IPO by Year 5

Why Now

The quarry mining sector is entering a high-growth cycle driven by infrastructure stimulus, urbanization, and supply chain reshoring. Demand for aggregates, limestone, and granite is projected to rise 18% by 2028.

- $4.2B addressable market in target regions
- Regulatory tailwinds accelerating permitting
- Competitors underinvested in automation
- First-mover advantage in 3 key territories
- Management team with 10+ years combined experience
- Anchor LOIs secured from 4 Tier-1 contractors

Market Overview

Tala Stone Quarry

Awutu Oshimpo, Central Region

Industry Snapshot

The global quarry mining industry is experiencing sustained growth, driven by rising infrastructure investment, urbanisation, and demand for construction aggregates.
• Market Size (2024): $412B globally
• CAGR (2024–2030): 5.8%
• Africa Region Growth: 8.2% YoY
Key demand drivers include government-led road and housing programmes, private construction booms, and increased export demand for processed stone and aggregates.
Supply-side consolidation is creating opportunities for well-capitalised entrants with modern extraction and processing capabilities.

Market Dynamics

$412B
Global Market Size

5.8%
Projected CAGR

8.2%
Africa Regional Growth

72%
Infrastructure Demand Share

Business Model

Revenue Model

Value Chain

Customer Segments

- Government & Infrastructure Contracts
- Commercial Construction Developers
- Industrial & Manufacturing Buyers
- Mineral Rights & Royalty Licensing

Revenue Streams

Primary revenue is generated through direct quarry material sales to construction, infrastructure, and industrial clients. Tiered pricing is applied based on volume, material grade, and contract duration. Long-term supply agreements with Tier-I contractors provide recurring revenue stability. Secondary streams include processing fees, logistics services, and leasing of extraction rights to third-party operators. Royalty income from licensed mineral rights adds a low-cost, high-margin revenue layer.

Tala Stone Quarry

Awutu Oshimpo, Central Region

Operational Plan

Production Phases

Q1 Site Preparation & Licensing	Q3 Full-Scale Extraction Launch
Q2 Processing & Logistics Setup	Q4 Optimization & Expansion

Resource Allocation

- Workforce: 20 skilled operators, 15 engineers, 3 safety officers deployed across 3 shifts
- Equipment: 8 hydraulic excavators, 4 crushing units, 12 haul trucks — fully operational by Q2
- Capital Deployment: $4.2M in Phase 1 infrastructure; $6.8M in Phase 2 processing plant
- Target Output: 850,000 tonnes/year at full capacity by end of Year 1
- KPIs: 92% equipment uptime, <2% waste ratio, 100% regulatory compliance across all sites

Risk Analysis

Tala Stone Quarry

Awutu Oshimpo, Central Region

Key Risk Factors

- Regulatory & permitting delays
- Commodity price volatility
- Operational safety incidents
- Environmental compliance exposure

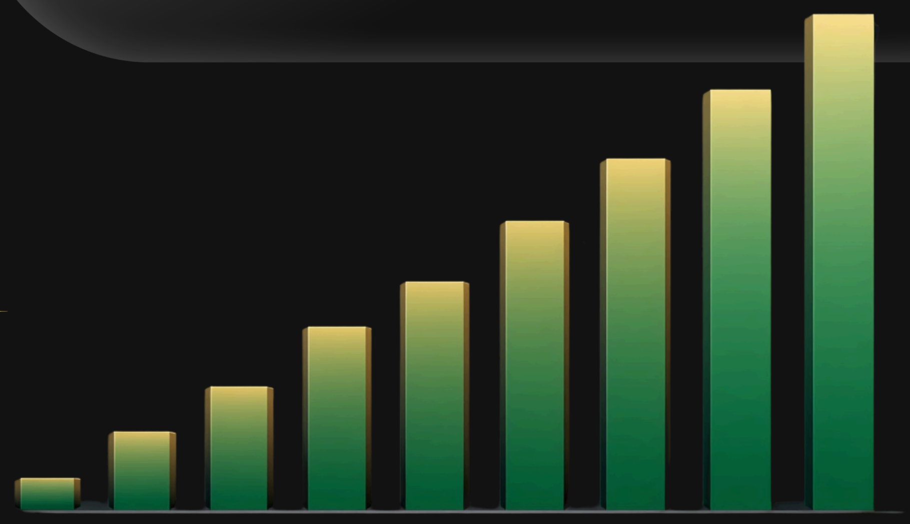
Mitigation Strategies

Regulatory: Engage specialist permitting consultants early; maintain proactive liaison with regulatory bodies to prevent timeline slippage.
Market Risk: Secure long-term offtake agreements and hedging instruments to stabilize revenue against price fluctuations.
Safety: Implement ISO 45001 safety management systems, mandatory site inductions, and real-time incident reporting protocols.
Environmental: Commission independent environmental audits quarterly; establish rehabilitation fund and maintain full ESG compliance documentation.
Contingency: Maintain 15% capital reserve buffer and activate secondary supplier network if primary operations are disrupted.

Financial Projections

Tala Stone Quarry

Awutu Oshimpo, Central Region



Revenue Milestones

- FY2025: $1.2M — Pilot operations launch
- FY2026: $4.8M — Regional expansion
- FY2027: $11.5M — Full capacity achieved
- FY2028: $22M+ — Market leadership

Key Financial Metrics

Gross Margin: 58% by Year 3
EBITDA Margin: 34% at scale
Break-even: Month 18
ROI for Investors: 4.2x over 5 years
CAGR: 78% projected (FY25–FY28)
CapEx Recovery: 24-month payback period

Closing & Investment Ask

Tala Stone Quarry

Awutu Oshimpo, Central Region

OUR VISION & MISSION

Vision — To be West Africa's leading technology-driven quarry, setting new standards for efficiency, sustainability, and operational excellence in construction materials.
Mission — Delivering premium aggregates through AI-powered operations while creating lasting value for our investors, communities, and the environment.

Investment Opportunity

We are seeking $500K - 1.8M in Series A funding to scale operations, expand quarry capacity, and accelerate market penetration.

- Target IRR: 28%+
- Payback Period: 3.5 Years
- Projected Revenue: $4.3M by Year 3.5
- Use of Funds: Infrastructure, Equipment & Talent

Next Steps

01 — Schedule an investor briefing
02 — Review full financial model & data room
03 — Site visit & due diligence
04 — Term sheet & close by Q3 2025

Reach out today to secure your position in this high-growth opportunity.

Company Contact

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AI-Powered Operations

Real-time intelligence across every layer of the quarry

Tala Stone Quarry
Awutu Oshimpo, Central Region

01
Production Volumes
Live tonnage tracking by pit, shift & material grade

02
Equipment Utilization
Idle vs. active hours across fleet, surfaced hourly

03
Haul Cycle Efficiency
Route optimization to cut cycle times by 18%

04
Fuel Consumption
Per-asset burn rate vs. baseline benchmarks

05
Preventive Maintenance
Predictive alerts before failure events

06
Downtime Analysis
Root-cause analytics across mechanical & weather

07
Inventory Management
Stockpile levels with auto-replenish triggers

08
Live Dashboards
Executive-grade KPI views, mobile-ready

Sensors › Edge AI › Cloud Analytics › Predictive Models › Executive Dashboard

Project Overview

A fully-licensed, equipped, and operational quarry positioned for scale

Tala Stone Quarry
Awutu Oshimpo, Central Region

LOCATION
Awutu Oshimpo No. 1
Central Region, Ghana

CONCESSION SIZE
223 acres
Granted mineral rights

PROJECT STATUS
Operational
Phase 1 production active

ESTIMATED RESERVES
12M+ tonnes
30+ year quarry life

EXISTING ASSETS & EQUIPMENT ON-SITE

✓ **Hydraulic Excavators**	4 units · CAT 336 class
✓ **Haul Trucks**	8 units · 30-tonne capacity
✓ **Primary Crusher**	1 unit · 400 t/h throughput
✓ **Secondary Crusher**	1 unit · 250 t/h throughput
✓ **Wheel Loaders**	3 units · CAT 980 class
✓ **Drilling Rigs**	2 units · pneumatic
✓ **Weighbridge & Lab**	Operational, ISO-certified
✓ **Workshop & Fuel Depot**	On-site, full capacity

● LIVE · ACTIVELY PRODUCING · READY TO SCALE

Competitive Advantage

How Tala Stone outperforms the regional competitive set

Tala Stone Quarry
Awutu Oshimpo, Central Region

TONE QUARRY

CRITERION	TALA STONE	REGIONAL AVG.	TYPICAL ENTRANT
Operational Status	Active production	Active	Pre-development
AI / Tech Integration	Full-stack AI ops	Limited	None
Reserve Life	30+ years	15 years	Unverified
Equipment Readiness	On-site, deployed	Partial	Procurement phase
Logistics Access	Direct corridor	Indirect	Distant
ESG Compliance	Full ISO + EIA	Partial	Pending

Only operator in the region combining active production, AI ops, and verified ESG compliance

Implementation Roadmap

A phased 24-month plan from current operations to regional leadership

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Awutu Oshimpo, Central Region

Q1 '26
Capital Close
Series A funding deployed; governance & reporting framework live

Q2 '26
AI Deployment
Sensors, edge compute, and dashboards installed across all assets

Q3 '26
Capacity Expansion
Secondary crusher + 4 additional haul trucks online

Q1 '27
Market Rollout
Tier-1 contractor agreements signed; offtake at 90%

Q4 '27
Regional Leadership
1.4M tonnes/year run-rate; ESG certification renewed

$5M	24 mo	3x	90%
Capital	To Full Scale	Output Growth	Offtake Coverage

ESG & Sustainability

Responsible operations engineered for long-term value

Tala Stone Quarry
Awutu Oshimpo, Central Region

E

Environmental

- Progressive site rehabilitation fund
- Water recycling: 85% closed-loop
- Dust suppression & noise monitoring
- Annual independent audits

S

Social & Community

- 80% local hiring commitment
- Skills training & apprenticeships
- Community infrastructure grants
- Transparent grievance mechanism

G

Governance

- ISO 9001 / 14001 / 45001 certified
- Independent board with audit committee
- Quarterly ESG disclosure
- Anti-corruption & ethics policy

T

Technology & Safety

- AI-driven safety incident prediction
- Real-time air & vibration monitoring
- Zero-fatality safety target
- Digital twin of operations

Aligned with UN SDGs 8, 9, 11, 12 & 13 · Targeting net-zero scope 1 emissions by 2035