Woodcross RESOURCES

## COMPANY OVERVIEW

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June 2024

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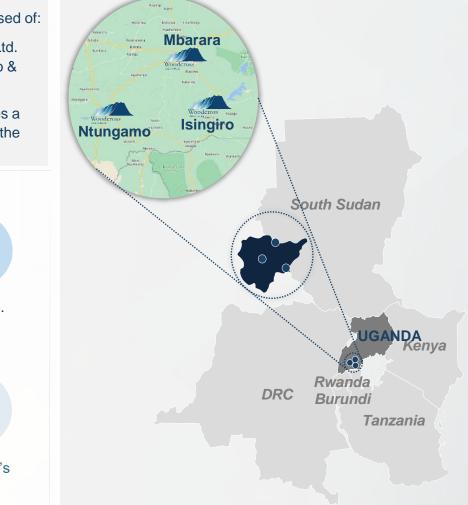
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## **OVERVIEW**

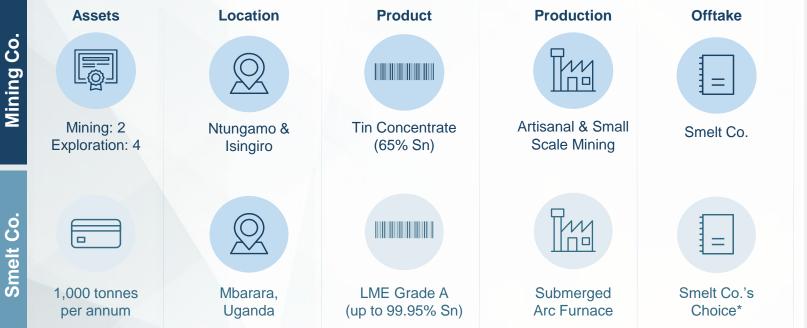
### WOODCROSS RESOURCES OVERVIEW Integrated Mining & Refining Company

<u>Overview</u>





- Woodcross Resources is an integrated tin mining and refining company with operations in Uganda comprised of:
  - a tin mining division under Woodcross Mining Company Ltd. and African Panther Resources Uganda Ltd.
     ("Mining Co") which own\* and operate 2 Mining Licenses and 4 Exploration Licenses in the Ntungamo & Isingiro districts of Uganda; and
  - a tin refining division under Woodcross Smelting Company Ltd. ("Smelt Co.") which owns and operates a commercial-scale tin smelter in Ruti, Mbarara City, Uganda which it inaugurated in April-24, the first in the country.



\* WR has an offtake with a large international tin trader but also sells tin directly locally, regionally and internationally.

### **INVESTMENT HIGHLIGHTS** Cash Flows in 2024





#### Tin – Long Term Fundamentals

Supply deficit, geopolitical tensions, advent of new technologies and the global energy transition are under the spotlight

#### **Integrated Operation**

 Production & refining provides diversification, enhanced market positioning and endorsement from government and industry

#### **Market Position**

Woodcross Resources is the only company in Uganda that can legally export tin

#### **Local Support**

• Endorsement from H.E. The President of the Republic of Uganda and Minister of Energy and Mineral Development

### Produ · Com

#### **Production = Cash Flows**

- Commercial production commenced in Q2-2024
  - first export completed successfully

#### **ESG Conscious**

ESG profile significantly more favorable than large scale mining operations

# 

- Management Team
- Prominent experts in the global tin industry with a strong track record in eastern Africa

#### **Favorable Jurisdiction**

• The Ugandan population speaks English and the country has a stable political and exchange rate system

## **Tin Market Outlook**

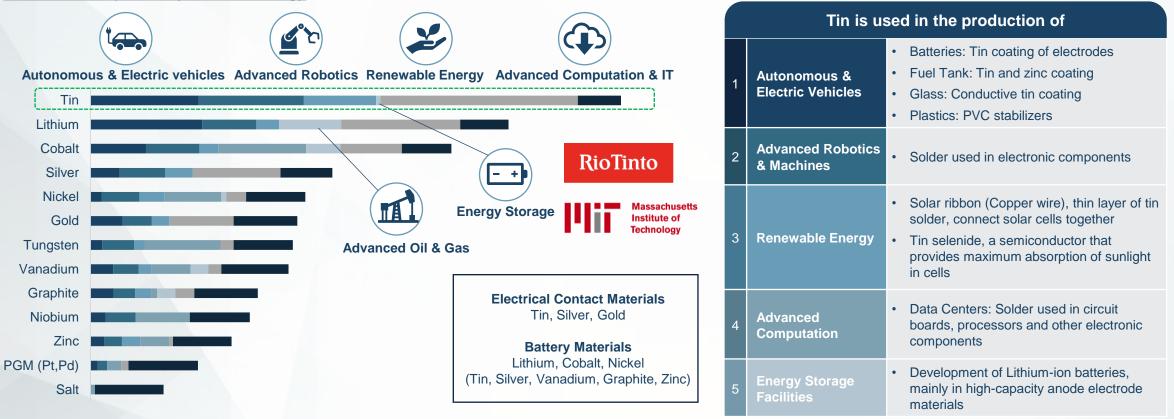
### Tin Market Outlook Tin Application Study



#### **Research Highlight**

A Massachuttes Institute of Technology ('MIT) study commissioned in 2018 by Rio Tinto found tin to be the most impacted metal in the advent of new technologies

#### Metals most impacted by new technology



■ AV/EV ■ Robotics ■ Renew-ables ■ Oil & Gas ■ Energy Storage ■ IT ■ Other

### **Tin Market Outlook** Baseline Demand vs Emerging Technologies

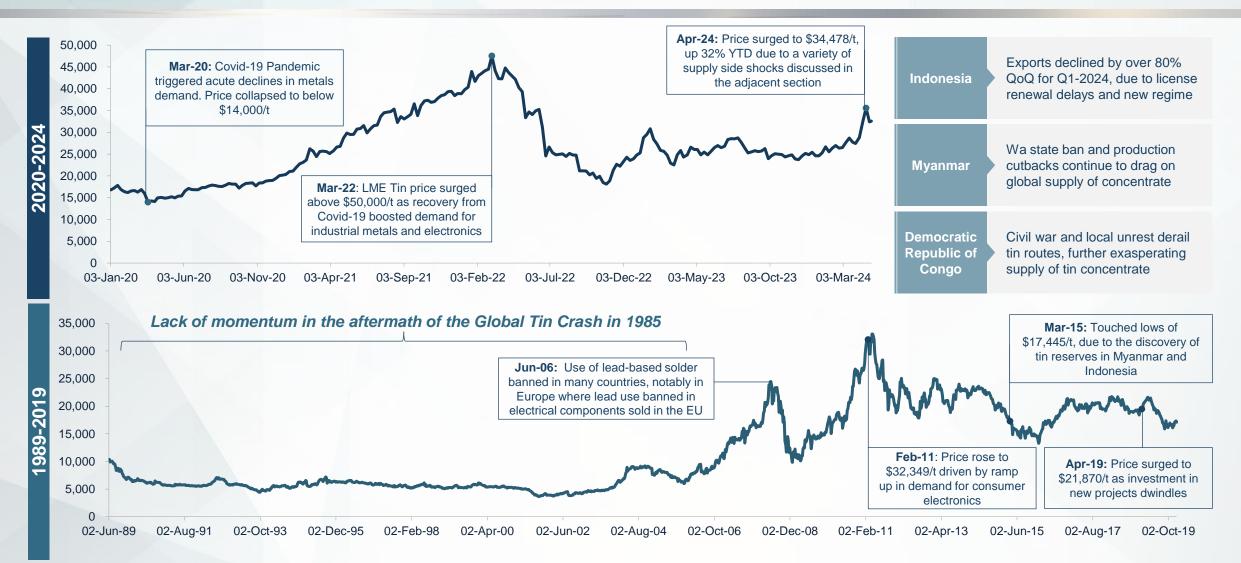


Application	Tin Use (t)	% of total	Landscape View		currei	nt 394kt level to over 500kt by 2030 due
Electronics	164,261	42%			- to gro	wth in emerging technologies:
Chemicals	64,100	16%	Mainly PVC – Macroeconomies –	replacements relevant		
Consumer electronics	52,761	13%	Macroeconomics – slightly down t	o neutral in short-term	······································	Computing and storage
Tinplate	47,500	12%	Flat last decade – recyclable vs ch	neaper alternatives		
Computing and storage	41,065	10%	Al launch impacting demand			ine Learning, Artificial Intelligence and Data
Other	28,461	7%			Stora	ge require extensive electronic applications
Copper alloys	28,000	7%	_	~ 30% of tin's application seeing	*	Networking Devices
Networking devices	27,284	7%	Al launch impacting demand	explosion in		,
Batteries	23,465	6%	Strong EV growth globally	demand patterns	Netw	ork devices and 5G roll-out continues to grow
Non-Electronic solder	19,072	5%			Incre	ase in data storage requires high volume of ti
Solar	19,051	5%	Snowball effect in demand			
ndustrial	15,113	4%	Macroeconomics impacting			Batteries
Automative and transportation	11,630	3%	Sensors, electronics more pervasi	ve		equires the double amount of tin vs combustio
Healthcare	6,406	2%				
Defence, surveillance & aviation	5,568	1%			*	Solar
Other energy	4,435	1%			• Globa	al solar roll-out on a steep growth path
Total	393,910	100%	2022 Tin Consumption: 395Kt		• 55,00 - 2030	00t in in annual solar installations forecasted b

Source: International Tin Association

### **Tin Market Outlook** Historical Analysis





### Tin Market Outlook Hot Metal in Demand



#### MACRO

#### **Divided & Competitive World**

- De-Globalization and geopolitical transitions driving regionalization
- Intensifying US & China tensions (China accounts for +60% of global tin production)
- Growth economies become new consumption centres
- 1.3 billion more tin-using consumers in the middle class



#### SUSTAINABILITY

#### Securing a Sustainable Future

- USD5 trillion needed annually by 2030 to limit global warming to 1.5 °C.
- Companies measured by ESG performance & transparency
- Carbon reduction reporting to align with net zero targets for tin users
- Benefits of artisanal & small-scale mining (40% of global tin production)

#### TECHNOLOGY

#### The Revolution is Real

- Tin surfs the data wave (artificial intelligence, machines, digitization, etc.)
- · Energy transition: Clime change brings new opportunities
- Green technologies & tin supply chains (recycling, waste management, etc.)
- Tin use proves mostly resistant to price pressure



#### MARKETS

#### A Wakeup to Tin

- <u>50,000 tpa more</u> tin needed for the technology supercycle
- Investors will discover a new interest in tin
- USD1 billion per year investment needed to reach tin demand
- Geopolitical and environmental demands require tin smelter diversification

## WOODCROSS SMELTING

### WOODCROSS SMELTING Headquarters – Mbarara, Uganda



Woodcross	Smelting Head	dquarters	
Location		Mbarara, Uganda	
Population		195,318	
Distance (Local)	Kampala	Ntungamo	Isingiro
	270 km	47 km	44 km
Distance	Goma, DRC	Mombasa, Kenya	Kigali, Rwanda
(Regional)	195 km	1,075 km	161 km
Climate (High / Low)		26 °C / 16 °C	

- Nile Breweries Mbarara Anheuser-Busch owned •
- Industry
- Century Bottling Company Limited Coca-Cola M&D Agent ٠
- Mbarara Steel Plant Chinese Government Parastal Company
- Key local industries: agriculture, dairy and cattle farming ٠
- Mbarara Airport Public airport located 10km north of town centre ٠
- Transport
- Mbarara Kabale Asphalt road connecting to Rwanda border and further to Kigali
- Mbarara Kampala Asphalt road connecting to Kampala

#### **Key Highlights**

- Second largest city in Uganda after the capital Kampala
- Commercial hub for south-western districts of Uganda ٠
- Solid investment into commercial developments and infrastructure ٠
- H.E. President Yoweri Museveni's hometown •
- Solid location with close-proximity to mines and regional trading hubs

#### **Mbarara Location**



### WOODCROSS SMELTING Overview



#### Overview

Woodcross Smelting operates an active tin smelter with monthly production capacity of 90t of LME Grade A tin ingots. Woodcross hascommissioned the facility and demonstrated capability to deliver LME Grade refined Tin. The facility is fully compliant with local, regional and international licensing and regulatory requirements Operation Overview

Location	Mbarara, Uganda
Production Throughput / Output	5 tonnes per day / 3 tonnes per day
Product Specification LME Grade A Tin Ingots	
Equipment Submerged Electric Arc Furnace (200 kva)	
Accessories	Refining kit, bag-house and secondary power source (diesel generator)
Status Production	
Regulatory Considerations	Fully compliant with local, regional and international licensing and regulatory requirements

#### **Equipment Image**

Figure 1: 200 KVA arc furnace



#### Figure 2: De-Dusting System



#### Figure 3: Furnace Ladles

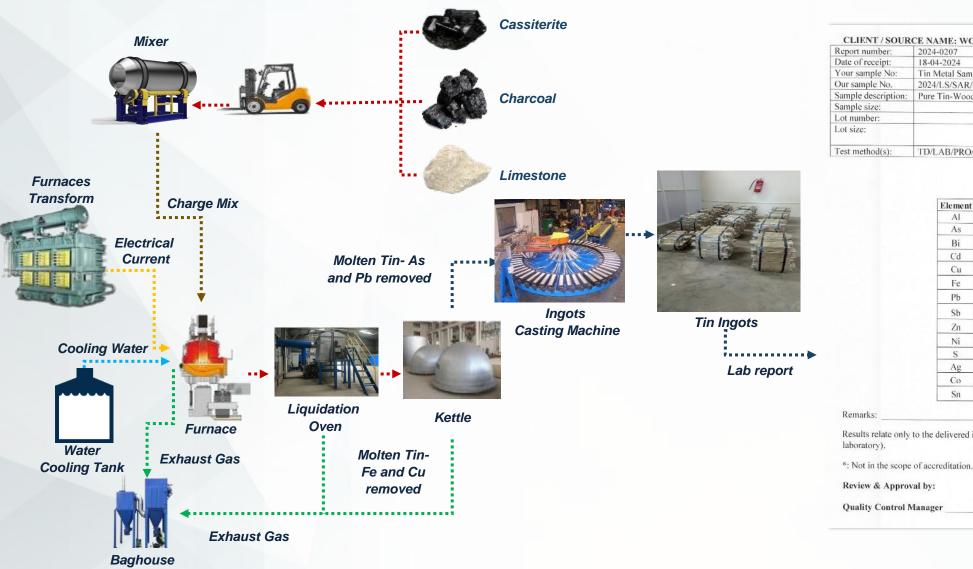


#### **Figure 4: Diesel Generator**



### WOODCROSS SMELTING **Process Flow Diagram – Installed Equipment**





#### CLIENT / SOURCE NAME: WOODCROSS SMELTING Report Date: 18-04-2024 2024-0207 Sampled by 18-04-2024 Sampling date/time: Analyzed as received Tin Metal Sample Sampling method: 2024/LS/SAR/005 Sample delivered by: Pure Tin-Woodcross Date/time sample received: 18-04-2024 12:30 PM Date tested: 18-04-2024 Tested by / location: LuNa Lab Pre-treatment: Melting, Molding and Polishing TD/LAB/PRO/19

#### ANALYSIS REPORT

Element	Specification	Results( %)
Al	0.001 % max	0.0008
As	0.030 % max	0.0240
Bi	0.030 % max	0.0012
Cd	0.001 % max	< 0.00003
Cu	0.050 % max	0.0052
Fe	0.010 % max	0.0043
Pb	0.050 % max	0.0087
Sb	0.050 % max	0.0048
Zn	0.001 % max	0.00007
Ni	0.005 % max	0.0039
S	0.010 % max	< 0.0002
Ag	0.010 % max	0.000113
Co	0.010 % max	0.0001
Sn	99.85 % Min	99.94

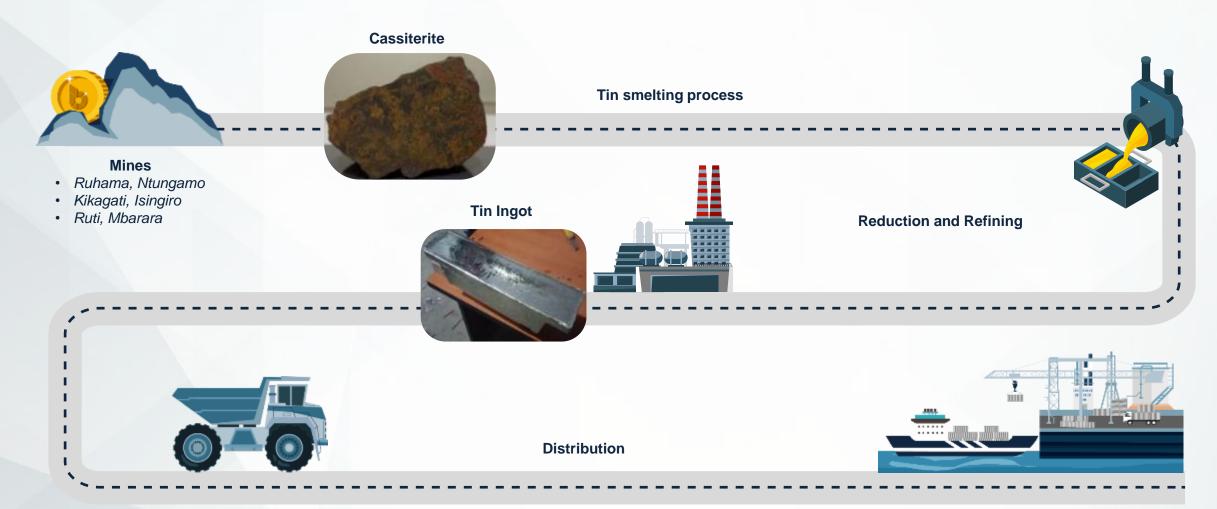
Results relate only to the delivered items tested (if sampling was not carried out by the testing

Date: 18-04-2024

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### WOODCROSS SMELTING Process, Product, Distribution & Offtake



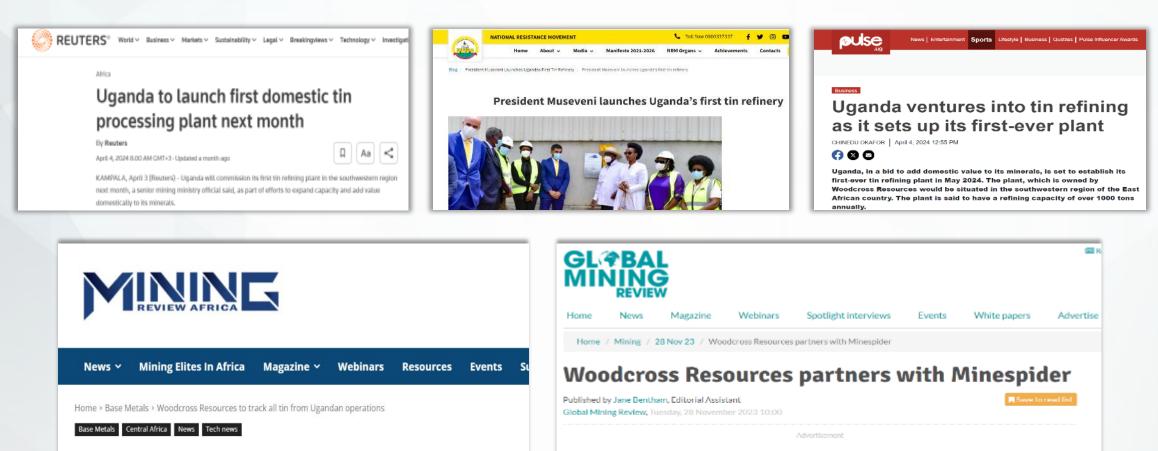


Truck containers to Mombasa or Dar ports

Ocean freight to end user

### WOODCROSS SMELTING Woodcross In The News





solution.

Woodcross Resources, the first integrated tin production business in the Republic of Uganda, is partnering with Minespider, a technology company offering a blockchain-based traceability

## Woodcross Resources to track all tin from Ugandan operations

By Mining Review Africa December 1, 2023

### WOODCROSS SMELTING Mineral Traceability – RMI Conformance



**RMI Tin Conformant List** 

Woodcross Smelting passed the RMAP (Responsible Mineral Assurance Program) Assessment administered by the RMI (Responsible Mineral Initiative) in April 2024, validating the company's industry conforming management and due diligence systems with regards to mineral traceability.

		1			_									
		Search		Q JOIN RM	Responsible Busin	ess Alliance RBA Fou	-						Minerals Grie	vance Platform N
Woodcross Smelter	is an RMI Conformant Smelter					RMI		NERALS DUE DILIGENCE	ASSURANCE PROCESS	REPORTING TI	EMPLATES TRAI	NING & RESOURCES	NEWS & EVENTS	ABOUT FAC
	LSPONSIBI		Assessment Status Supply Chain Level Country Location Pacifity ID Legitimate	Active Cantomant () Any - v Eliptie v SEARCH		Y								
		371		FACILITY ID	STANDARD FACILITY NAME Ltda.	SUPPLY CHAIN LEVEL	STATE/ PROVIN REGION			DUE DILIGENCE REPORT	ASSESSMENT SUMMARY REPORT	ASSESSMENT STATUS	OPERATIONA STATUS	L RMI CRO RECOGI
	TRALS . INITIA	372	Tin	CID004724	Woodcross Smelting Company Limited	Pinch Point	Mbarara, Western	. UGANDA	Link	Report	Link	Conformant	In Operation	
Site	Woodcross Smelting Company Limited	373	Tin	CID002158	Yunnan Chengfeng Non-ferrous Metals Co.,	Pinch Point	Gejiu, Yu Sheng	unnan CHINA	Link	Report	Link	Conformant	In Operation	
Address	Plot 148, Rwampala, Ruti Block 1, Kabale Road Mbarara, Western Uganda	0	onforr	mance w	ith mine	ral trace	eability	y complian						
Assessment Date	02/27/2024 – 02/29/2024							ist tin) requ ned metal i	iire conforn market.	nance to	o the RM	I's RMAP	program	in

## WOODCROSS MINING

### **WOODCROSS MINING** Overview

#### Mining License Overview

Location	Ruhama	Kikagati	Mweresandhu				
No.	ML1466	ML1433	ML0762				
Date Granted	April 2015	February 2015	May 2011				
Expiry Date	April 2036	February 2035	May 2032				
Acreage (Hectares)	4,000	200	202				
District	Ntungamo	Isingiro	Ntungamo				
Offtake Agreement	Woodcross Smelting Company						
License Holder	Woodcross Mining	Woodcross Mining	H5 Resources*				
Additional Targets	Well positioned for joint ventures and/or acquisitions for favourable terms						
* Woodcross has a buying agree	ment with H5 Resources for all	the production coming from MI	0762				

02

Woodcross has a buying agreement with H5 Resources for all the production coming from ML0762

#### **Mining Strategy**

#### Short term

**Empower Local** Artisanal Mining Community

### Medium term

Consolidation & Exploration

01

Long term Large Scale Mining

03

Commercial-Scale Smelter with capacity of up to 10,000 tonnes per annum

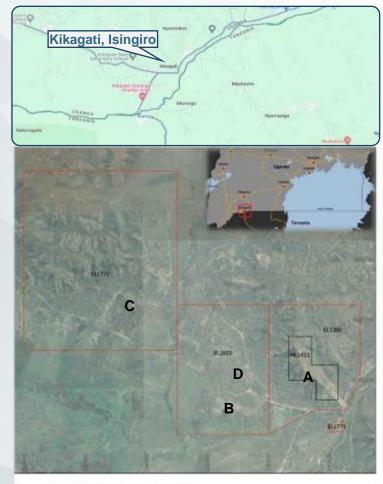






### WOODCROSS MINING Kikagati Mine Overview





### 0 1000 2000 3000 4000 5000 m

Licences Exploration Licences

#### Licensing

- 1 Mining License (2km<sup>2</sup>)
  - Active mining license with verified production track record
- 4 Exploration Licenses\* (totaling 51.8km<sup>2</sup>)
  - Several prospective targets on the exploration licences provide significant upside potential

#### **Asset Highlights**

- 2,000m diamond drilling program completed
- Main Kikagati Tin prospect represents mineralization over 2.5km x 200m area
- Trial Monorope Mining undertaken, provides precedent for future trials
- 20 t/h Processing plant has been assembled and upgraded
- Mining system is in place & scalable

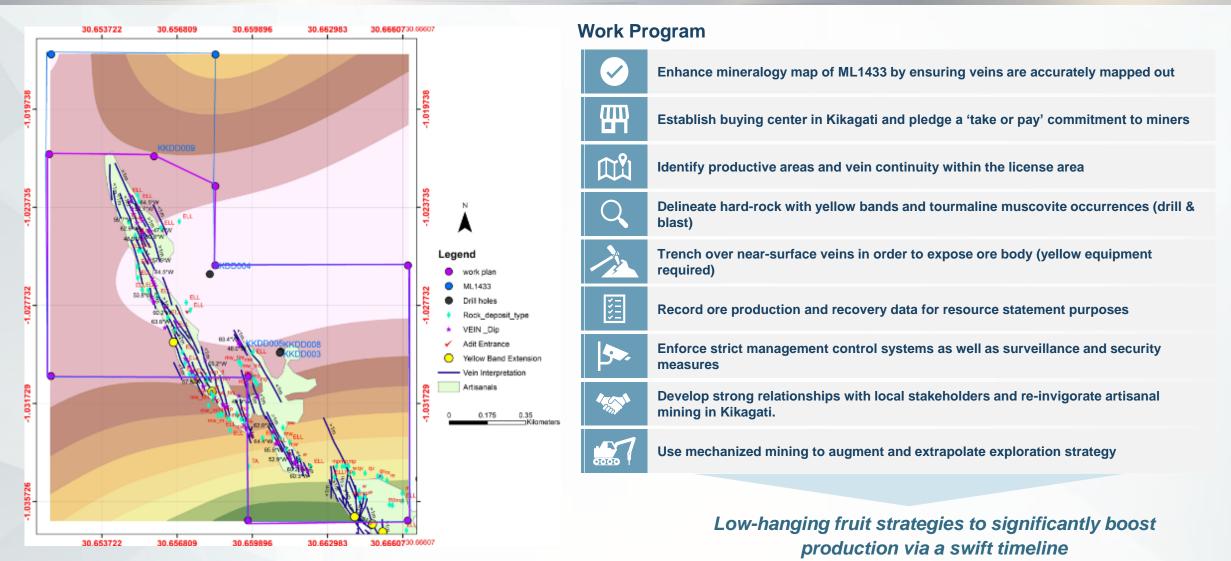
#### Mineralization occurs in three main areas

- Within network of quartz veins over a 3km strike along the Katanga & Nyarubungo ridges
- Within bedding-parallel, tourmaline-muscovite bearing shear zones within the quartzite
- Within a bedding-parallel unit (yellow band), which is reported to hold higher grade

\*These are approximate locations \*Several other lesser known targets occur across the exploration licenses

### WOODCROSS MINING Kikagati Mine Work Program



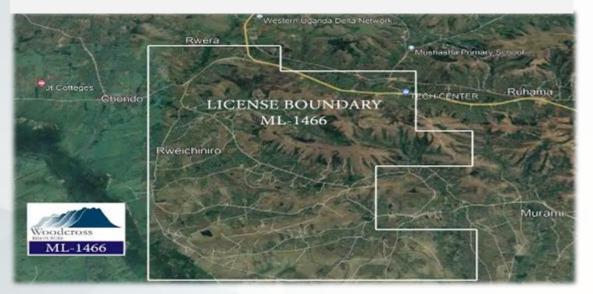


### WOODCROSS MINING Ruhama Mine Overview



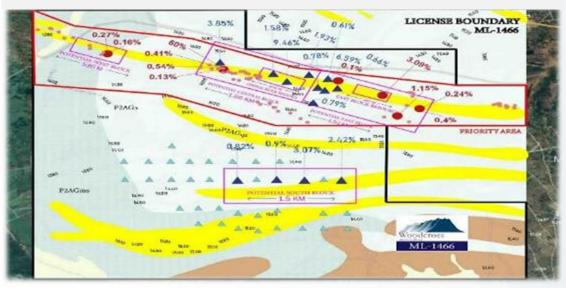
#### Asset Highlights

- 40km<sup>2</sup> Mining License (ML1466) located in Ruhama, Ntungamo
- 70+ year historical workings by local artisanal and colonial miners
- Mineralization part of the Kibaran belt which includes narrow and sporadic quartzite veins and pegmatitic granites
- Located 3kms from Mweresandhu, most prolific tin mine in Uganda with +70year operating history



#### Exploration

- 2018 exploration campaign included:
  - o 7 core drill holes totaling 1,543 m drilling completed
  - o 115 outcrop samples and 59 bulk soil samples collected & analyzed
- Local artisanal miners employ small scale mining methods to track
   mineralization along strike



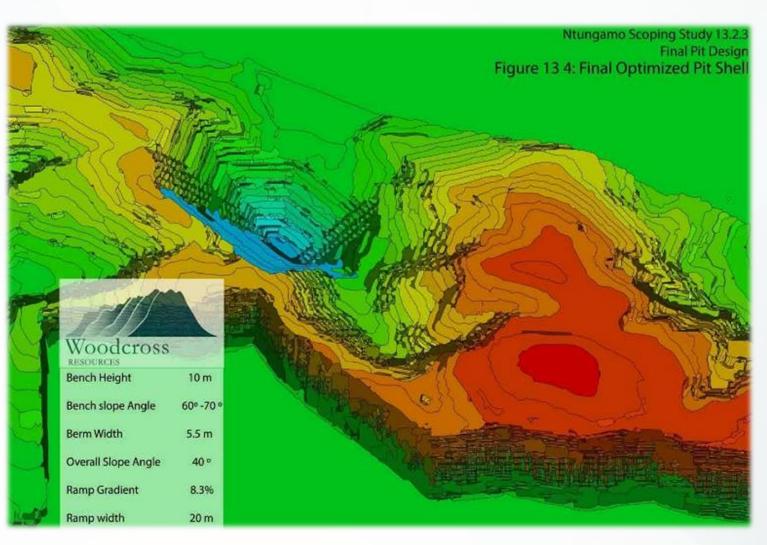
### WOODCROSS MINING Ruhama Mine Resource



Cut Off (Sn%)	Million Tonnes	Sn%	Contained Sn Metal (t)
0.00	11.9	0.22	26,180
0.05	11.6	0.23	26,680
0.10	10.0	0.25	25,000
0.15	7.3	0.30	21,900
0.20	5.2	0.35	18,200
0.25	3.8	0.40	15,200
0.30	2.7	0.45	12,150

#### **Resource Overview**

Combined Inferred Resource of **26,680 tonnes** of contained metal at a **0.05% Sn Cut Off grade** across the Eastern, Central and Western block



## WOODCROSS RESOURCES ESG

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### WOODCROSS RESOURCES ESG

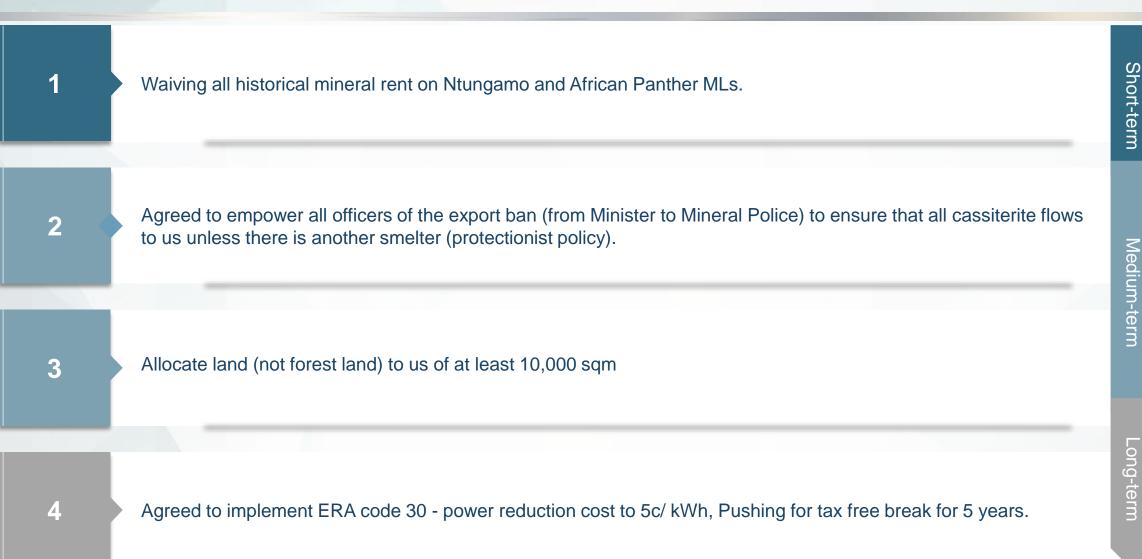
**Delivering Benefits for Uganda's Economy** 



	In-Country Value Addition	Environmental, Social, Governance	Catalysts for Ugandan Mining Sector
Short-Term	<ul> <li>Localised job creation and improved economic activity</li> <li>Improved royalties through refined Tin exports (higher-value vs. cassiterite)</li> </ul>	<ul> <li>Lower carbon footprint refined Tin exported to international markets</li> <li>Organised and safer artisanal mining practices</li> </ul>	<ul> <li>Proof of concept – downstream processing and refining</li> <li>Attract local engineers and other professionals to the Tin value-chain</li> </ul>
Medium-Term	<ul> <li>Value-chain integration beyond refining; solder manufacturing and electronic applications</li> <li>Reduced import dependencies and improved dollar liquidity</li> </ul>	<ul> <li>Improved education, social welfare, and living standards for mining community</li> <li>Technology transfer – upskilled workers, better job opportunities</li> </ul>	<ul> <li>Local and regional mining sector investment cross-value chain</li> <li>Investment into commercial scale Tin mining practices</li> </ul>
Long-Term	<ul> <li>Industrial cluster formations cross-sector and cross value-chain</li> <li>Government revenue diversification</li> </ul>	<ul> <li>Sustainable supply chain creation including circular economy practices</li> <li>Developed environmental management systems</li> </ul>	<ul> <li>Established mining sector with significant international investment</li> <li>Regionalisation of supply-chains including multinational and cross-govt joint venture programmes</li> </ul>

### **WOODCROSS RESOURCES ESG**

The Ugandan Govt has agreed to provide support in 4 key areas



### WOODCROSS RESOURCES ESG Environmental, Social and Governance



	Woodcross Activity	Outcome	
ntal)	<ul> <li>✓ Carbon emission programme</li> </ul>	<ul> <li>The state-of-the-art "Biochar" manufacturing operation at Woodcross in Mbarara aims to not only reduce emissions but also enhance the sustainability of local agriculture</li> </ul>	Woodcross
(Environmental)	<ul> <li>✓ Collaboration with local community</li> </ul>	<ul> <li>The partnerships with local farming community not only addresses environmental concerns but also supports the livelihoods of those who rely on the land</li> </ul>	resources Initiatives
(Envir	✓ Soil Fertility	<ul> <li>Improves soil fertility, stimulating plant growth, consuming more CO2 in a positive effect</li> <li>Biochar can increase soil microbial life, resulting in more carbon storage in soil</li> </ul>	
(Social)	<ul> <li>✓ Project Integration</li> <li>✓ Community Development</li> </ul>	<ul> <li>Community projects (Rwengoma and Early education primary school) demonstrate the dedication to promoting sustainable development and improving the lives of those served</li> <li>Educational facilities for local students not only addresses immediate needs but also contributes to the overall well-being of the community by nurturing the next generation</li> </ul>	Community • Investments into
	✓ Diversity	<ul> <li>Majority of company's workforce is Ugandan and 50% of the company's skilled labor force is women</li> </ul>	Education and Healthcare • Learning tools &
nce)	✓ Ethical Leadership and Transparency	<ul> <li>The team serves as a beacon of integrity, characterized by honesty, respect, and fairness.</li> <li>Promotes transparency as a key pillar of company's responsible business practices</li> </ul>	<ul> <li>Community Centres</li> <li>Playing centre for</li> <li>Community Sector experts</li> </ul>
(Governance)	<ul> <li>✓ Anti-Corruption/ Zero-tolerance</li> </ul>	<ul> <li>The company's zero tolerance policy promotes a corruption-free environment and underlines responsible actions.</li> </ul>	kids     • Metallurgy and       • Sports programs     Mineral processing
(Go	✓ Regulatory Compliance	<ul> <li>Operating within the law &amp; regulations contributes to a strong economy and legal system</li> <li>Compliance training to employees drives the sustainable operations in Uganda</li> </ul>	training

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