

# Advancing Critical Metals for Defense

Molten Metals goal is to become a meaningful producer of Antimony through the acquisition and development of brownfield Antimony projects.

Acquire forgotten brownfield Antimony projects

Finish development & generate FCF for shareholder returns

Explore & expand historical resources with modern techniques

Complete technical studies & find funding for development

## Key Takeaways:



Antimony is one of only 14 critical metals on ALL critical minerals list of every major economy



There is currently a deficit of Antimony and prices have moved to reflect this, rising from \$5,500/tonne to almost \$12,000/tonne in 2019.



Antimony has a myriad of uses, including as a heat retardant, batteries, solar panels and electronics, but right now its use in defense is critical.



Antimony is the only metal that combines with tin to harden lead to make a lead bullets.



Antimony is also used by Western armies to manufacture night vision goggles, explosive formulations, flares, nuclear weapons, and infrared sensors.



The US Department of Defense relies on imports for more than 80% of its Antimony requirements.



Key producers of Antimony today include China, Russia, Tajikistan, Libya, Zimbabwe, Pakistan, Iran and Turkey. China is buying aggressively and is limiting exports.



**Meanwhile: Canadian, and European Antimony assets, remain undeveloped. Molten Metals owns these assets!**

## Antimony

- ✓ **Antimony is on ALL criticality rankings in developed economies**
- ✓ **Opens up government support through grants, funding & fast tracking of permitting where projects of critical minerals are designated of Strategic Importance.**

### Metals on the Critical Metals Lists of Major Countries & EU

	Aluminum	Antimony	Beryllium	Bismuth	Chromium	Cobalt	Copper	Fluorspar	Gallium	Germanium	Graphite	Hafnium	Helium	Indium	Lithium	Magnesium	Manganese	Nickel	Niobium	PGMs	Phosphorus	Rare Earths	Rubidium	Scandium	Strontium	Tantalum	Tellurium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zirconium
Australia		Y	Y	Y	Y	Y			Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y		Y		Y		Y			Y	Y		Y	Y
Canada	Y	Y		Y	Y	Y		Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y		Y		Y	Y	Y	Y	Y	Y	Y	
China	Y	Y			Y	Y	Y	Y			Y				Y			Y			Y	Y						Y		Y	Y		Y
Europe		Y	Y	Y		Y		Y	Y	Y	Y	Y		Y	Y	Y			Y	Y	Y	Y		Y	Y	Y			Y	Y		Y	
Japan		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y		Y	Y	Y		Y	Y
USA	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y		Y			Y	Y	Y	Y	Y	Y	Y	Y	Y

# Molten Metals Projects Overview

- All Molten Metals projects are Brownfield
- History of these projects show that the Antimony these mines produced were used for defense purposes.
- West Gore’s Antimony in Canada was used in WW1 and WW2
- Slovak Assets used during the Soviet Union by Russia during the Cold War

Project	Country	Commodity	Status	Economic? (based on historic resources)**	Next Steps
West Gore	Canada	Antimony Gold	<ul style="list-style-type: none"><li>• Past producer</li><li>• NI 43-101</li></ul>	Unknown	- PEA to assess resource
Trojarova	Slovakia	Antimony Gold	<ul style="list-style-type: none"><li>• Historic Resource in adit</li><li>• Adit well preserved</li><li>• Based on historic resource, Trojarova is one of the largest unmined Sb projects globally</li></ul>	Yes	- Resource/reserve confirmation - PEA
Tienesgrund Spisska Bana	Slovakia	Antimony Gold	<ul style="list-style-type: none"><li>• 1 adit has been mined</li><li>• Historic resource on 2 adits (Vysna + Rosabella)</li><li>• 10km unexplored</li></ul>	Unknown	- Limited exploration program along the 10km understand whether the known resource might repeat across the mineral concession
Bear Creek Medvedi Potok	Slovakia	Tin	<ul style="list-style-type: none"><li>• Historic reserves</li><li>• High grade contained in veins</li><li>• Has not been explored at depth</li></ul>	Yes	- Resource/reserve confirmation - Exploration program to explore to depth and determine if resource can be expanded - Apply for conditional mining license

## Capital Requirements 2024:

**Trojarova:** PEA to be undertaken by DMT Engineering – CAD \$680,000 approximately (April: \$80,000, July: \$120,000, August: \$480,000)

**West Gore:** Summer drill program - CAD \$500,000 approximately

**General Admin:** Annual burn rate of CAD \$150,000 approximately

### CAPITAL STRUCTURE (14/12/23)

Fully paid shares on issue	16,914,288
Options @ CAD\$0.2 / share	1,300,000
Debt	N/A

### SHAREHOLDERS

Management & Insiders	20%	3.3M
Large holders (≥10%)	35%	6M
Public	45%	7.61M

Listing Date: 8TH AUGUST 2022 | Trading Symbols: CSE : MOLT | FSE: Y44 | Transfer Agent: ODYSSEY TRUST COMPANY

## Board of Directors



Lara Smith  
Chief Executive Officer



Rana Vig  
Chairman and Director



Hugh Oswald  
Non-Executive Director



Allan Larmour  
Non-Executive Director



Simon Hobson  
Non-Executive Director



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