

CRITICAL ONE ENERGY

North America's Largest Undeveloped Antimony Discovery in a Top Tier Ontario District



Critical Mineral, Credible Path: Extract antimony-first, gold-supported exposure in Ontario with district scale, insider alignment, and a clean cap table, fully funded to define catalysts (targeting, permitting, and a ~20,000 m VTEM-guided winter drilling program) seek to convert historic work into modern results.

WHY NOW

Antimony is a critical mineral for clean energy, defense, and advanced tech. Western supply is constrained; prices reflect structural shortages and geopolitical risk. Critical One offers focused, early-cycle exposure in a top tier jurisdiction with policy tailwinds supplying strategic North America needs.

INVESTMENT EDGE



STRATEGIC COMMODITY

Antimony exposure within a proven gold mining jurisdiction.



GRADE + SCALE + RUNWAY

Compelling historic grades and district control with multiple untested targets.



CATALYST DENSITY

Permits, VTEM-led targets, and a sizable drill program to validate and expand the system.

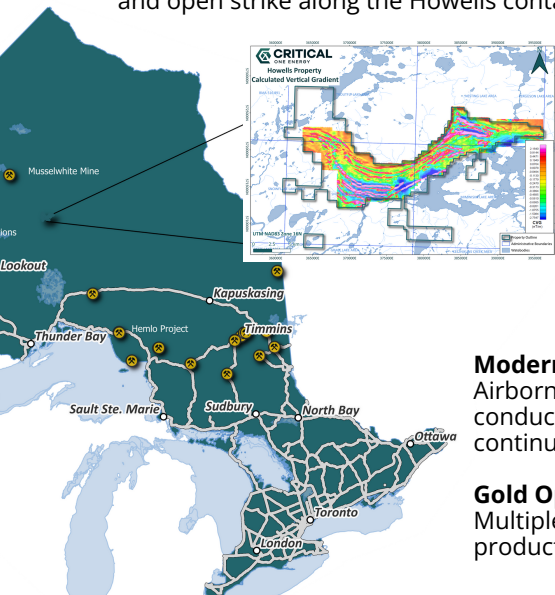


INSIDER ALIGNMENT

Largest shareholder is the CEO; zero debt, clean structure.

WHY THIS ASSET

Howells Lake in Ontario's Thunder Bay Mining Division is North America's largest undeveloped antimony resource. It's a district-scale system with high-grade showings at or near surface, modern geophysics focusing the drill plan, and open strike along the Howells contact.



Antimony System

High-grade Sb zones confirmed; remains open along strike and at depth.

Prolific Gold Corridor

Comparable to multiple renowned Canadian gold camps: Red Lake (+26M oz Gold), Hemlo (+24M oz Gold)

Modern Data-driven targeting

Airborne mag + VTEM isolate priority conductors; upcoming drill targets will verify continuity and extend along structural breaks.

Gold Optionality

Multiple high-grade gold intervals add co-product leverage.

HOWELLS LAKE PROJECT

48 M LBS OF SB

Historic tonnage @ 1.4% Sb

UP TO 75% SB

High-grade antimony confirmed

2 ZONES

Already identified with additional exploration potential

30 KM

Antimony-Gold istrict-scale strike

WHAT'S NEXT: PROGRAM AT A GLANCE

TARGETING INPUTS

Airborne survey 1,407 line-km (75 m lines over V-3 & Slam; 150 m regional); interpretation by Alan King in progress to finalize ranked drill sites.

PERMITTING

Drill permits and bulk sample approvals advancing.

WINTER 2026 DRILL CAMPAIGN

~20,000 m of verification + step-outs at V-3 and priority conductors along the Howells contact.

ASSAYS & UPDATES

Phased results; ongoing target refinement across the ~30 km strike.

Historical data and assays; QP has not done sufficient work to classify estimates as current; down-hole intervals; true widths unknown. Reviewed by Bruce Durham, P.Geo (QP).

FEW ANTIMONY DEVELOPERS EXIST

PERPETUA RESOURCES	U.S. ANTIMONY	AMERICAS GOLD & SILVER CORP	CRITICAL ONE ENERGY
Largest U.S. Sb reserve; gold-first developer. Construction approved; antimony is a by-product.	Vertically integrated (only U.S. smelter). Small-scale mining; no compliant reserves published.	Only U.S. mine reporting Sb production today (Galena, ID). Sb is a by-product of silver-copper ore.	Critical One offers strategic Sb exposure earlier in the curve, with jurisdiction and scale potential.
~C\$3,580M	~C\$1,384M	~C1,430M	~C\$61.55M
Development (permitting, feasibility completed)	Small-scale mining + smelting	Only U.S. producer; developing Sb processing	Exploration
206M lbs (M&I)	40 M lbs (contained non-compliant)	No separate Sb resource. 20 M lbs produced historically	48 M lbs; potential 300 M+ lbs
0.07% (M&I)	1.8% (historical estimate)	1% (head grade in ore)	~1.4% (historic avg); intercepts up to 5.4%

WHY CRITICAL ONE

1. The mining sector now makes up just 1% of global equities despite being essential to every energy, defense, and infrastructure agenda worldwide.
2. The macro setup favors a secular rotation into commodities. Miners remain cheap versus broad equities while policy and re-industrialization lift demand.
3. Governments and industry are investing heavily into critical minerals. For example, JPMorganChase launched a \$1.5 Trillion security and resiliency initiative to boost critical industries.
4. Antimony has been flagged by North American governments as priority. The U.S.A recently committed a \$2 billion US government loan to almost completely fund restarting Perpetua Resources fast-tracked Stibnite project in Idaho.
5. Critical One's Howells Lake, Canada's largest undeveloped antimony asset, is one of a few scalable antimony-gold deposits positioned to attract government, private funding and/or acquisition at a premium.

OWNERSHIP & LIQUIDITY SNAPSHOT

As at Sep 15, 2025

Critical One is tightly held with ~35% insider ownership, zero debt, and an uncluttered structure. Liquidity is building alongside catalysts.

SHAREHOLDER	# OF SHARES	PERCENTAGE
FOUNDERS	~ 12.2 M	~ 24.3 %
MANAGEMENT & ADVISORS	~ 5.5 M	~ 10.9 %
INSTITUTIONAL INVESTORS	~ 3.7 M	~ 7.3 %
RETAIL INVESTORS	~ 29.0 M	~ 57.5 %

MARKET CAP	AVG. DAILY TRADING VOLUME	SHARE PRICE
\$61.55M	97.6K	\$1.03

59,757,874 O/S | 74,892,873 FD | 4,675,000 Options | 10,499,999 Warrants

Certain statements constitute "forward-looking information." This fact sheet is for information only and does not constitute an offer or solicitation to buy or sell any security. The Howells Lake "largest undeveloped antimony resource" and the East Zone tonnage (~1.7 Mt @ 1.4% Sb) are historic estimates and not current mineral resources as defined by NI 43-101; a Qualified Person has not completed sufficient work to classify these as current and the company is not treating them as current mineral resources. Intercepts are reported as drilled; true widths unknown unless stated otherwise. Any commodity prices referenced are point-in-time snapshots and not forecasts. Early-stage exploration projects are inherently risky; results may differ materially from expectations. Refer to the latest filings for complete information.

LEADERSHIP WITH DISCOVERY PEDIGREES & BILLION-DOLLAR EXITS



DUANE PARNHAM
FOUNDER & CEO

- ◆ Created \$1.5B+ in total shareholder value
- ◆ Largest shareholder



CHET IDZISZEK
DIRECTOR & GEO SUPPORT

- ◆ Initiated Howells Lake antimony discovery
- ◆ 1990 "Mining Man of the Year"
- ◆ Involved in multiple international discoveries



BRUCE DURHAM, P.GEO
SPECIAL ADVISOR

- ◆ 40+ years in Canadian gold geology
- ◆ Contributed to discovery of Hemlo Gold

At current levels, market cap implies ~US\$1/lb Sb on historic tonnage; early explorers often trade at 5-10% of in-ground pending drill validation.

YTD GROWTH
232%

As of October 31, 2025

CONTACT DETAILS

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