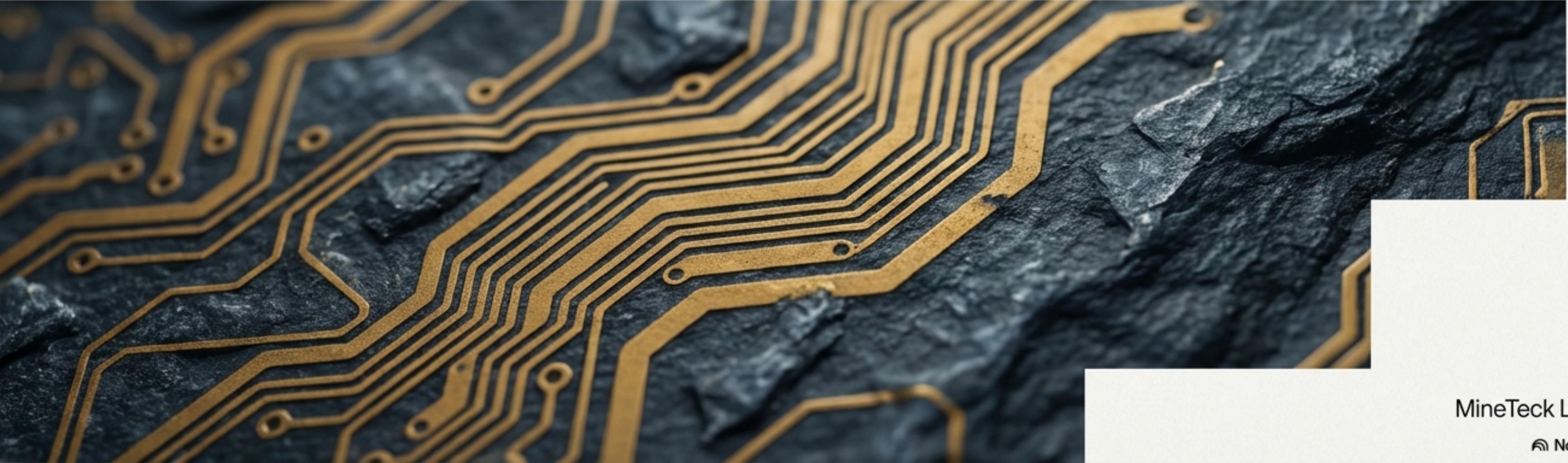


Mining the Cloud

Source Serif Pro Regular

A New Frontier for Precious Metal Recovery in the AI Era



MineTeck Logo

NotebookLM

The AI Revolution is Forging an Unprecedented Physical Infrastructure

The global race for AI supremacy is triggering a historic expansion of data centers. These are not ethereal clouds; they are massive industrial facilities with finite lifespans, packed with resource-intensive hardware.

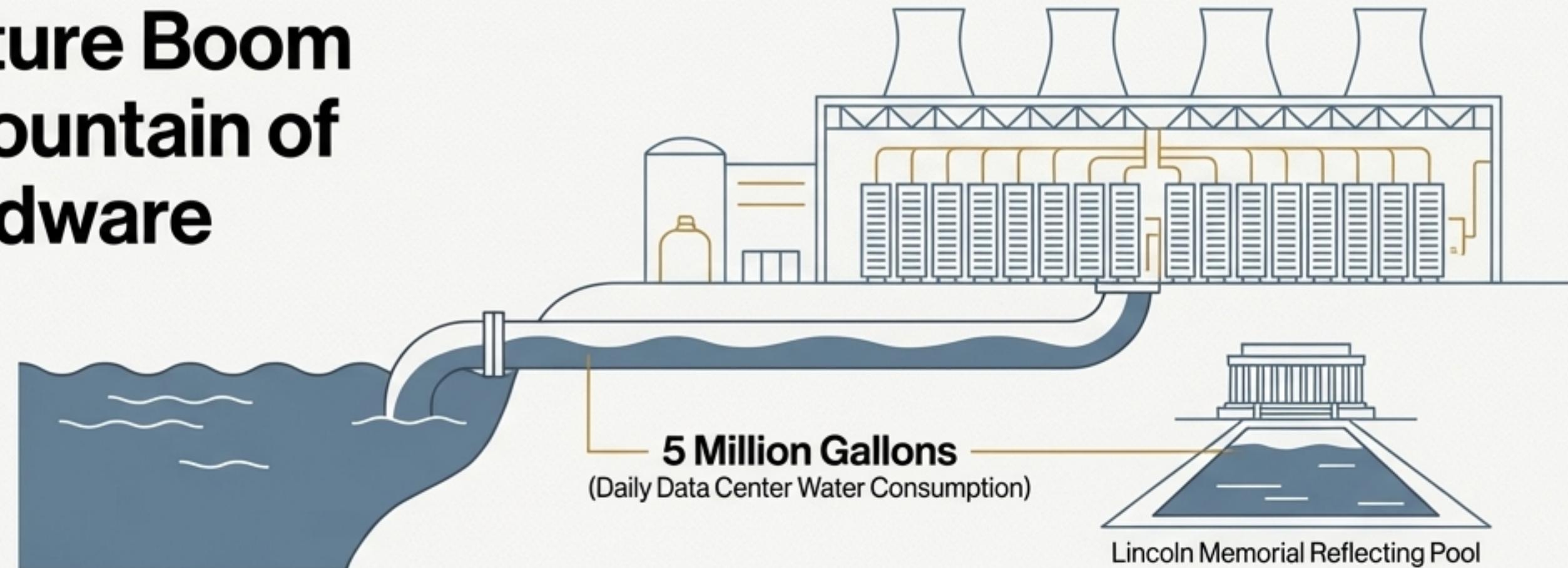
“The chips that power advanced models like ChatGPT generate heat levels comparable to the surface of the sun.”

Platocom, quoting energy analysts.



This Infrastructure Boom is Creating a Mountain of High-Value Hardware

The water and energy required to cool these facilities are proxies for the massive and accelerating deployment of servers, chips, and networking gear—all of which have a limited operational life.



1.7 Trillion Gallons

Estimated global water consumption by AI-related data centers by 2027. (Source: IEA via Platocom)



5 Million Gallons Per Day

Potential water consumption of a single large data center, equivalent to a town of up to 50,000 people. (Source: EESI)

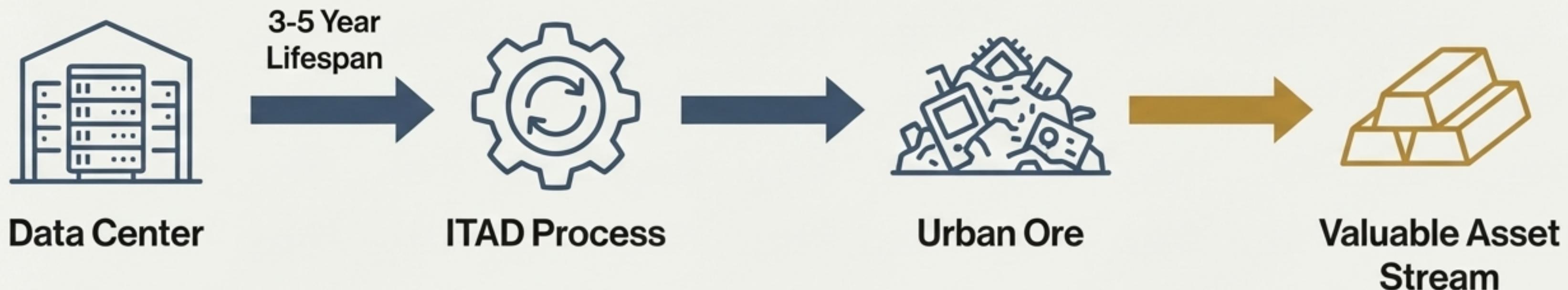


Tens of Thousands of Servers

Can be housed in a single large data center, each containing multiple chips. (Source: EESI)

Every Server Deployed Today is Tomorrow's "Urban Ore"

The average lifespan of a data center server is 3-5 years. This creates a predictable and massive wave of decommissioned hardware. The formal process for managing this hardware is IT Asset Disposition (ITAD)—a structured pathway that transforms end-of-life electronics from a liability into a valuable asset stream.



ITAD is not about waste disposal; it is the first step in resource recovery. It ensures data security, regulatory compliance (GDPR, WEEE), and unlocks the material value locked inside the hardware.

Decommissioned Servers are a Rich Source of Gold, Copper, and Other Critical Metals

Printed Circuit Boards (PCBs) and other components from servers and networking equipment contain significant quantities of precious and valuable materials. The ITAD and recycling process is designed to recover these elements.

“...valuable materials like gold, copper, and aluminium are recovered while hazardous components are properly disposed of.”

Secure ITAD

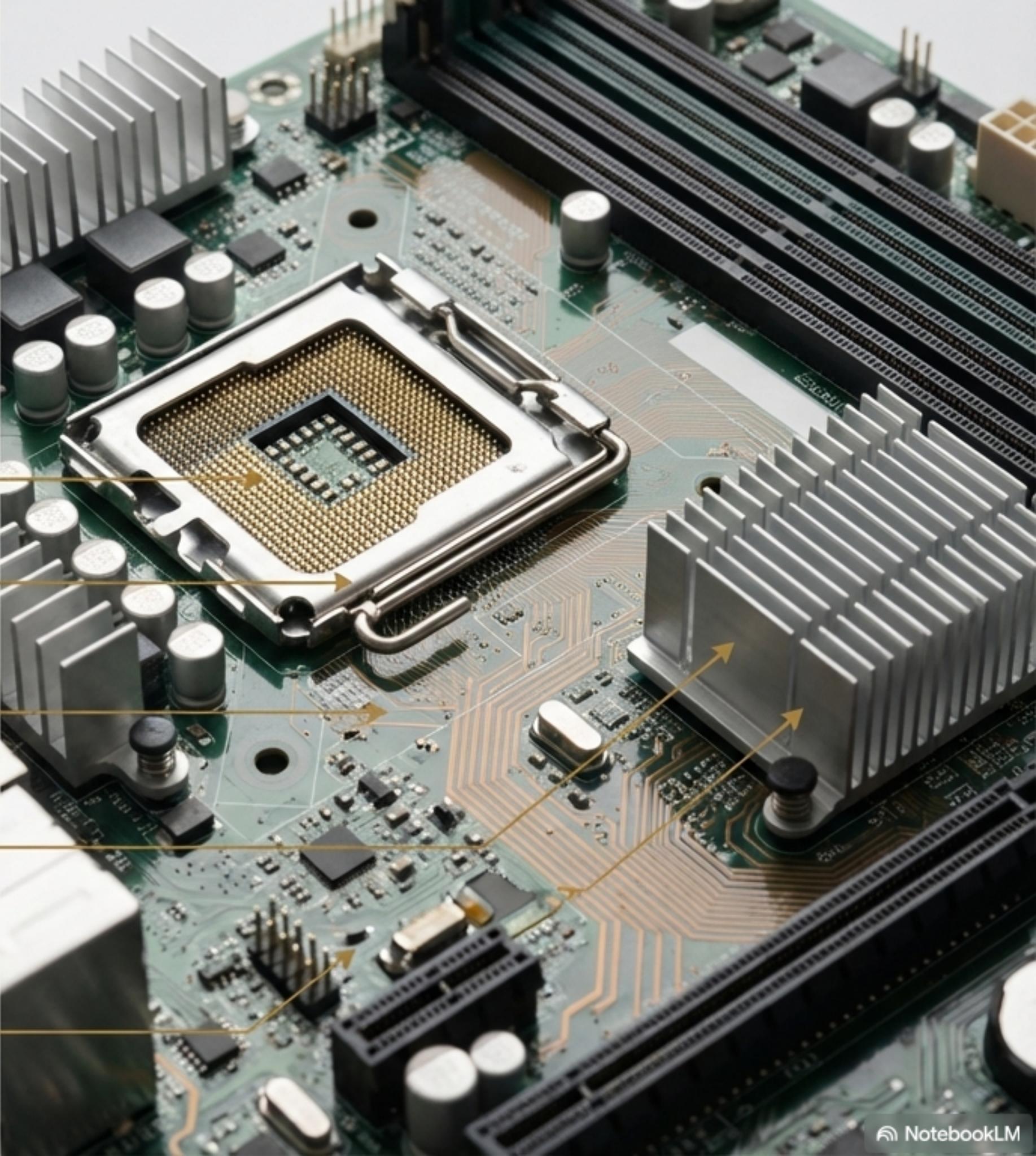
Gold

Copper

Silver

Aluminum

Palladium



Market Proof: The Hyperscaler Decommissioning Wave is Already In the Driving Growth

Sims Limited, a global leader in recycling, provides clear evidence of the growing value in ITAD. The performance of their Sims Lifecycle Services (SLS) division is directly linked to the expansion of data centers.



Growth is driven by “growing hyperscaler activity and US centre data centre expansion linked to AI advancements.”

Sims Lifecycle Services (SLS) FY25 Performance

SLS Revenue

\$426.6M

up 22.0% YoY

Repurposed Units Processed

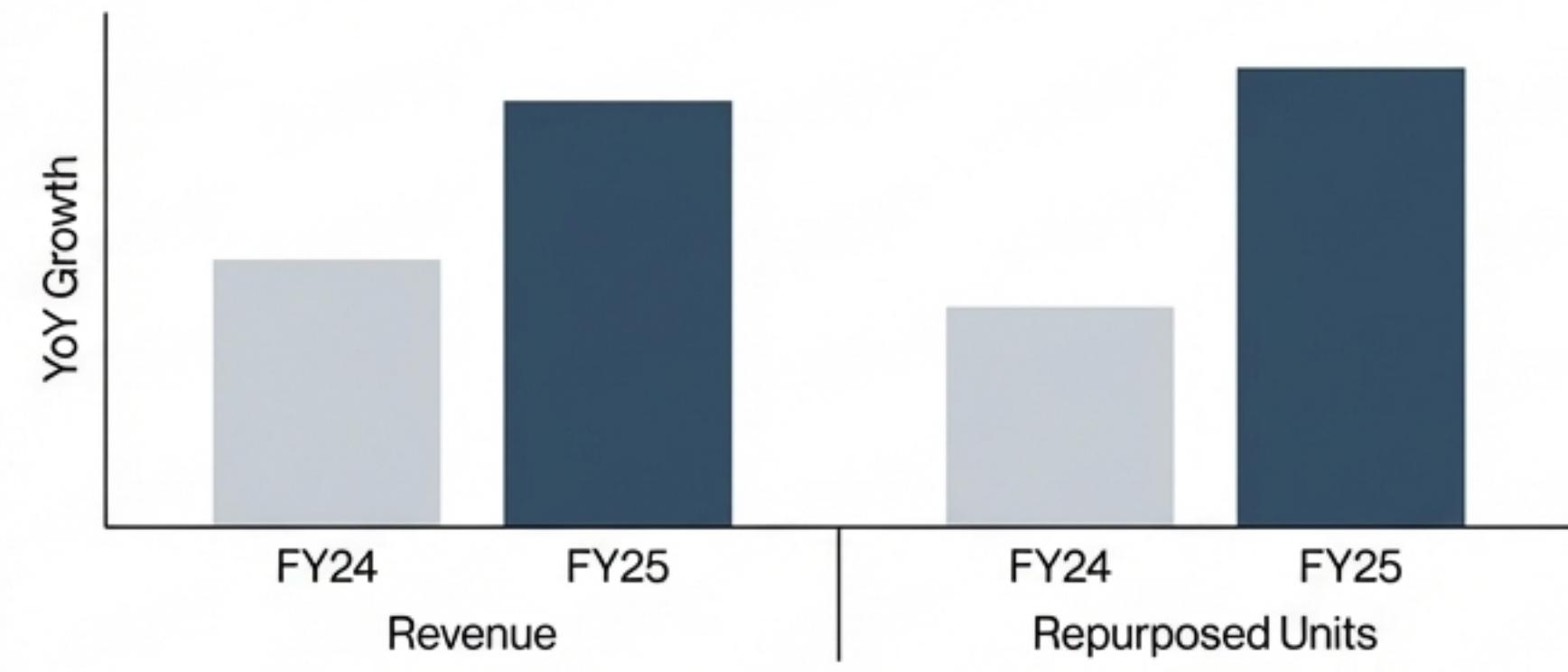
8.8 Million

up 44.3% YoY

SLS Underlying EBIT

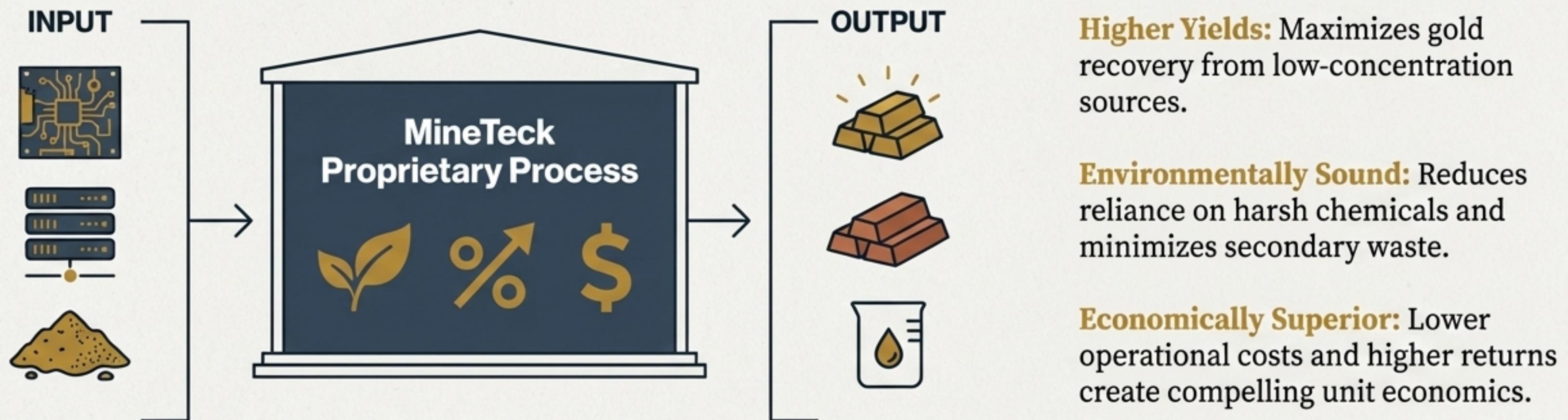
\$32.6M

up 84.2% YoY



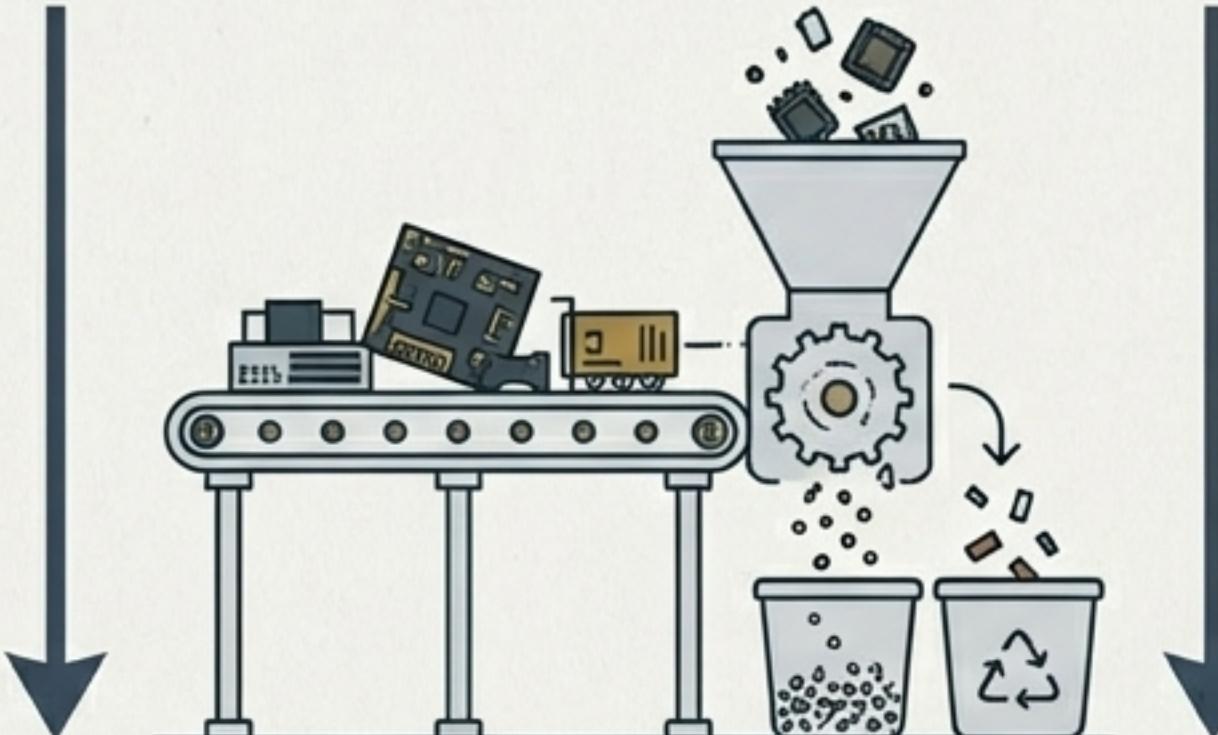
Unlocking Full Value: The MineTeck Technology Advantage

While conventional recycling methods recover some value, they are often inefficient, energy-intensive, or use harsh chemicals. MineTeck has developed a proprietary, environmentally superior process to maximize the recovery of precious metals from complex electronic materials and legacy waste.



Application 1: Creating a Circular Supply Chain for the Data Center Industry

Our primary focus is partnering with data center operators and ITAD providers to process decommissioned servers, networking equipment, and PCBs. We turn a costly end-of-life challenge into a new, reliable source of precious metals.



① Decommissioning

Servers and hardware are removed from data centers at end-of-life.

② Processing

Components are shredded and sorted to isolate precious metal-bearing materials.

③ Extraction

MineTeck technology is applied to efficiently and cleanly extract pure gold from the processed electronic material.



Application 2: Remediating the Past, Profiting from Legacy Mining Sites

The same core technology is highly effective at extracting gold from sludge and tailings at old mining sites. This presents a dual opportunity: generating value from overlooked resources while simultaneously remediating historical environmental liabilities.

- **Unlocks Trapped Value:** Recovers gold that was uneconomical to extract with older methods.
- **Environmental Remediation:** Contributes to the cleanup of contaminated sites.
- **Proves Technology Robustness:** Demonstrates effectiveness on challenging, low-grade materials, de-risking the core process.

A Perfect Storm: Positioned at the Intersection of Global Megatrends

AI & Data Center Growth

Unprecedented hardware deployment creating a predictable tsunami of high-value “urban ore.”



ESG & Regulatory Mandates

Growing pressure on corporations to manage e-waste responsibly and invest in sustainable, clean technologies.

Circular Economy & Resource Scarcity

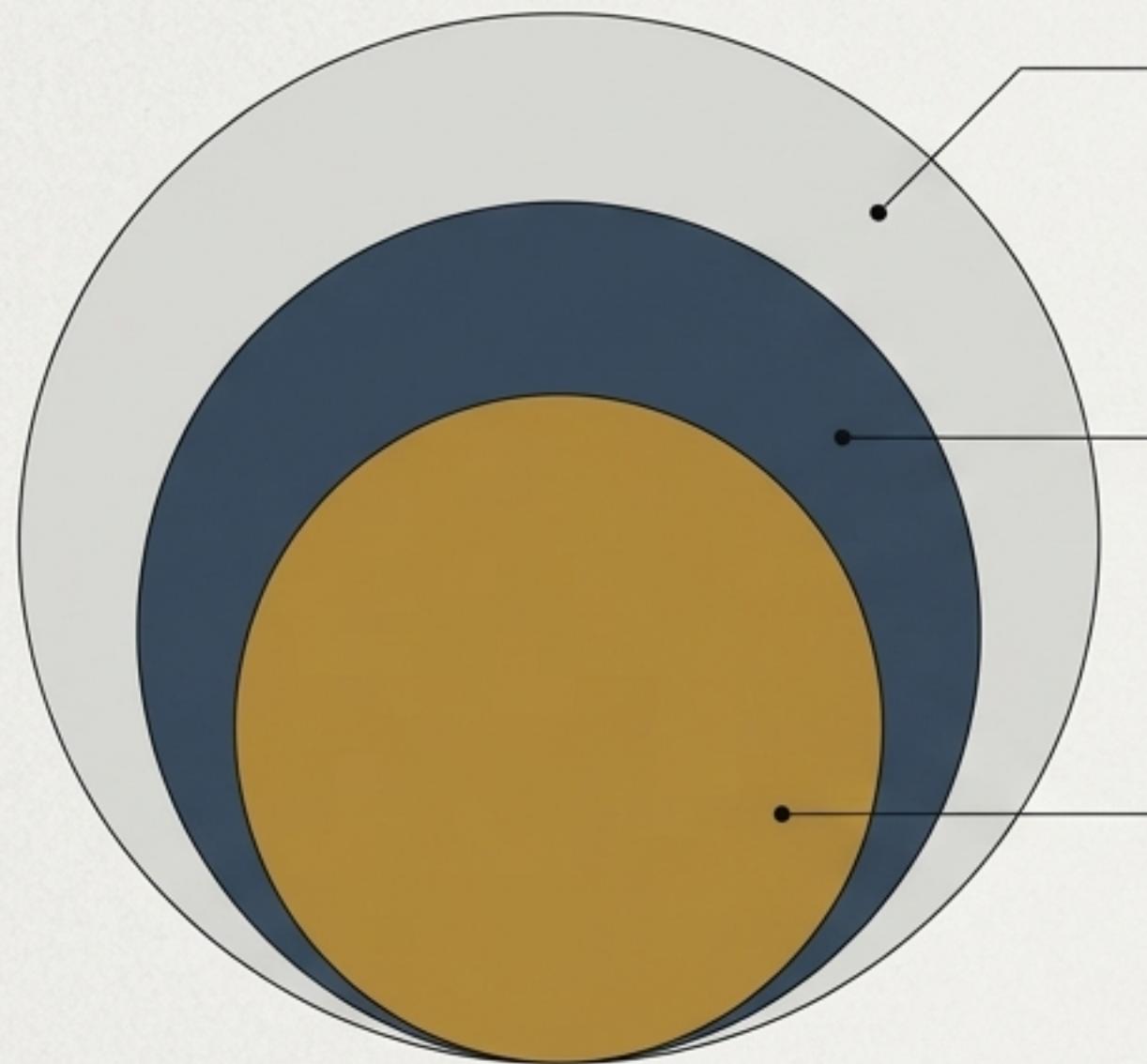
Shifting global focus from a linear “take-make-dispose” model to circular supply chains. Increasing demand for recycled materials.

Commodity Demand

Sustained long-term demand for gold and copper as strategic assets and critical industrial components.

The Opportunity: A Multi-Billion Dollar Market in Urban and Legacy Mining

Market Size



Total Addressable Market (TAM):
[Estimated value of precious metals in annually decommissioned data center hardware globally].
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Serviceable Addressable Market (SAM):
[Estimated value accessible in target geographies with key partners].

Target Market (Year 1-3):
[Projected revenue based on initial pilot projects and partnerships].
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Our Value Proposition

For Data Center / ITAD Partners

We transform an e-waste cost center into a new revenue stream, providing certified, sustainable processing.

For Investors

We offer exposure to a high-growth market tied to the AI boom, with a proprietary technology moat and strong ESG credentials.

Partner with MineTeck to Mine the Future

We are at the beginning of a multi-decade hardware refresh cycle driven by AI. MineTeck's technology is uniquely positioned to become the industry standard for sustainable precious metal recovery from this new resource stream.

For Investors

We are raising a [\$\$\$] Seed/Series A round to build our first commercial-scale processing facility and secure key ITAD partnerships.

For Corporate Partners

We are seeking a strategic partner to launch a pilot program to process decommissioned hardware from a hyperscale data center.

Stephen Mikkelsen, CEO

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