



# AMERICAN ATOMICS

CSE: NUKE | FWB: Q3B | OTC: GNEMF

***From Rock to Reactor***

Rebuilding America's Domestic Nuclear Fuel Cycle.

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# THE FUEL PROBLEM

The **Weak Link** In  
America's Nuclear Future

A large, semi-transparent silhouette of a nuclear power plant worker wearing a hard hat and safety vest is positioned in the foreground, facing away from the viewer. In the background, the dark silhouette of a nuclear power plant with cooling towers is visible against a dark sky.

America's nuclear renaissance is being driven by the boom in AI energy demand.

There are global choke points at every step of the fuel cycle - mining, milling, conversion & enrichment.

In the United States ALL of these supply gaps are dramatically worse.



**If America can't bring new production online,  
the AI and energy revolutions are crippled.**

# OUR SOLUTION

## Opportunities Across The Fuel Cycle

### WE ADD VALUE AT EVERY STEP OF THE FUEL CYCLE

#### EXPLORATION UPSIDE

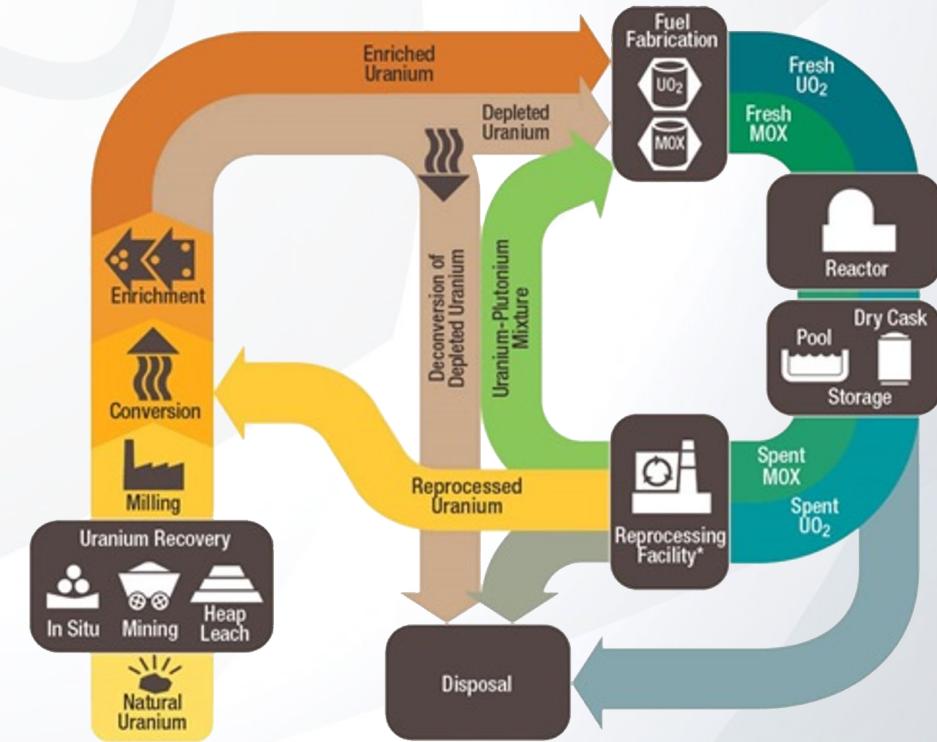
Pursue **high-ceiling** U.S. uranium districts with historic endowment and modern targets. Bring them to production via CVMR milling JV.

#### LICENSE AT TRL-3, BUILD TO TRL-7

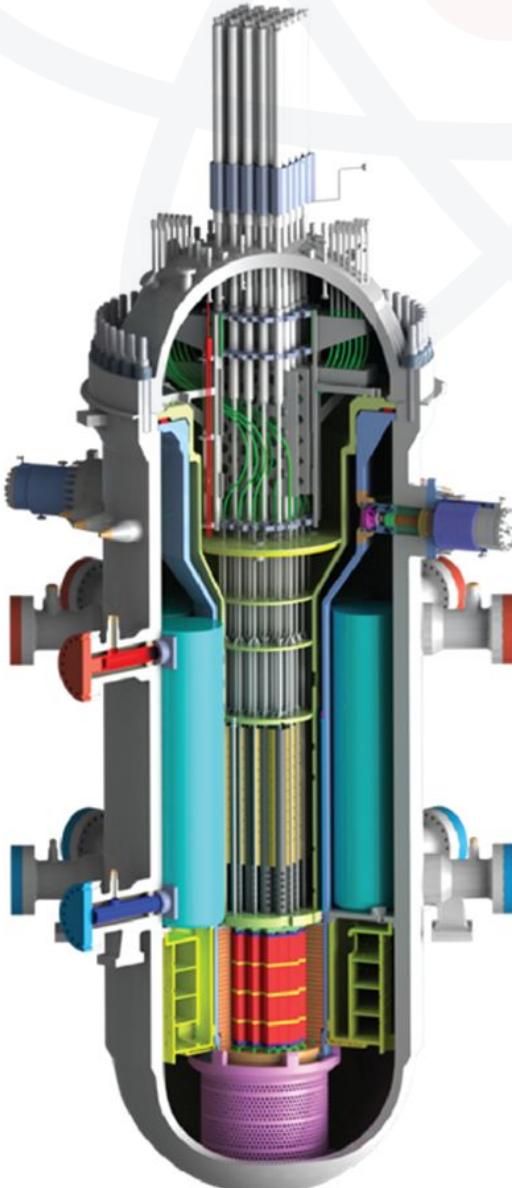
Acquire or license **lab-scale (TRL-3)** fuel-cycle technologies and finance the engineering to **pilot scale (TRL-7)** — where equity value rerates.

#### WHY THIS WINS :

We get **multiple high upside opportunities to create shareholder value** across mining, milling & enrichment.



NUCLEAR FUEL CYCLE



# MARKET OPPORTUNITY

## AMERICA'S NUCLEAR FUEL SUPPLY GAP

### ENERGY DEMAND SPIKE THROUGH 2050

Driven by data center energy consumption and the A.I. boom - reactor uranium demand up ~28% by 2030 and >2x by 2040.

### MASSIVE NUCLEAR FUEL SHORTAGES

U.S. mined ~0.05 Mlbs of yellowcake uranium vs 32 Mlbs used in 2023 — near-total import dependency. ~81% of SWU imports were foreign in 2024; ~20% from **Russia** despite policy pressure. Major strategic issue.

### US FEDERAL GOVERNMENT SUPPORT

Congress & DOE are moving money and authorities (HALEU funding; DPA Consortium) to **onshore** the fuel cycle. Private sector solutions are explicitly **invited**.

## Bottlenecks In The U.S Fuel Cycle At Every Step

We intend to add value through exploration and technology development at the following stages of the fuel cycle, starting with mining :

- Mining
- Milling
- Enrichment

**MINING****CONVERSION****FUEL  
FABRICATION****MILLING****ENRICHMENT****POWER  
GENERATION**

## OPPORTUNITY #1

# Exploration and Milling



One centralized, state-of-the-art uranium processing facility we intend to build in conjunction with CVMR.



Hub-and-Spoke milling with a primary asset at Lisbon Valley coupled with satellite feed from regional mines (own assets + partners). Our test case is the Nuvemco Blue Streak mine.



**Flagship exploration: Big Indian (Lisbon Valley).** Our claim block sits on the **east side** of a district with **~78 Mlbs** historic production; the east flank is **down-dropped & under-tested** with gamma-log indications — a high-ceiling mirror-image target to the historically mined west side.



UTAH, USA

# LISBON VALLEY URANIUM ACQUISITION

## OVERVIEW

- 217 contiguous claims dominating the east flank of Lisbon Valley.
- Agreement with Big Indian Prospectors LLC to acquire uranium claims in San Juan County, Utah.
- Existing road & mining infrastructure accelerated exploration timelines.
- Under-tested structural block with proven regional endowment.

- **~ 78 Mlbs U<sub>3</sub>O<sub>8</sub> historical production**
- **Average grade ~0.37% U<sub>3</sub>O<sub>8</sub>**
- **Classic salt-anticline-hosted uranium system**

## GEOLOGY

- Historic mining concentrated on west flank of Lisbon Valley anticline.
- East flank down-dropped ~2,000–2,700 ft along Lisbon Valley fault — under-explored.
- 50+ drill holes of gamma-log data indicates uranium mineralization potential on the east side.
- Targeting mirror-image mineralization style common in salt-anticline systems.

## STRATEGIC OBJECTIVE

- Systematically test the east belt extension for district-scale uranium discovery potential.

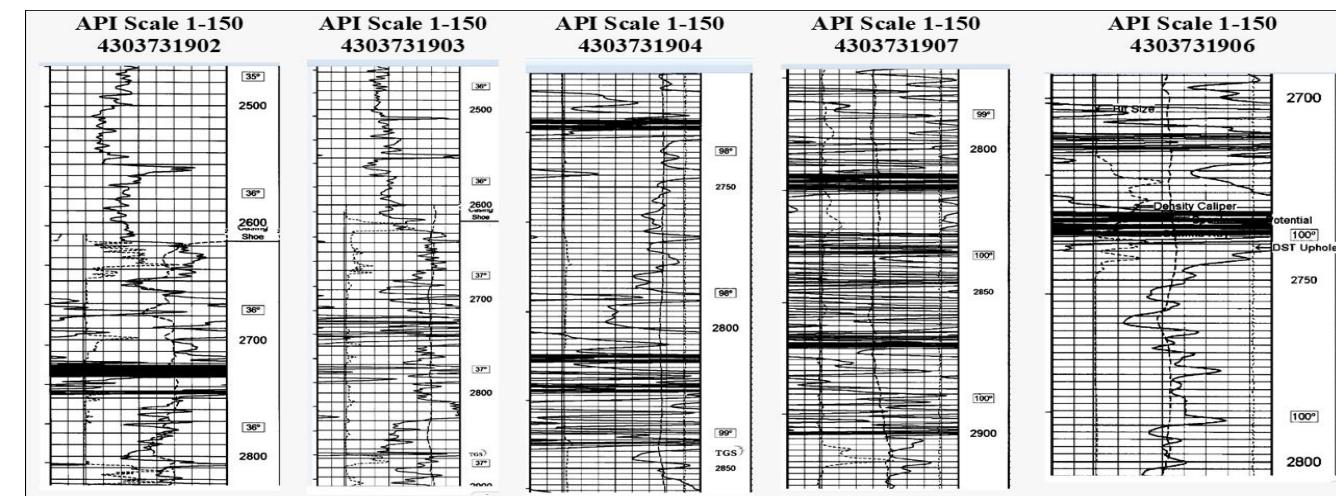
# THE BIG INDIAN PROJECT

**Mirror-image potential on salt anticlines:** Historically in salt anticlines you get equal deposition on both flanks of the formation. This means there should be a mirror deposit on the east flank of similar size and grade to the past produced West flank.

**What's been mined:** ~78 Mlbs  $U_3O_8$  were historically produced from the west side of the Lisbon Valley anticline at strong grades. The east side remains relatively under explored. Why? Because it sits 2,000ft deeper.

**What's different about the east now:** We have extensive gamma logs from prior O&G drillers down to 6,000ft through the target area of uranium mineralization. These logs show up to 10-12x background radiation. Something material is causing that. We believe it's a uranium deposit.

- **Our Thesis:** We intend to twin drill the existing O&G holes to prove the gamma anomalies are from the long suspected eastern flank deposit.
- **Why American Atomics:** We've assembled the land, the data, and the capital plan to systematically test the highest-confidence corridors first.



**National Instrument 43-101 Disclosure:** The technical information on this web page has been reviewed and approved by Joe Campbell who is a Qualified Persons in accordance with the Canadian regulatory requirements set out in NI 43-101. Readers are cautioned that some of the technical information described on this web page is historical in nature; however, the historical information is deemed credible and was produced by professional geologists/geoscientists in the years discussed.

**COLORADO, USA**

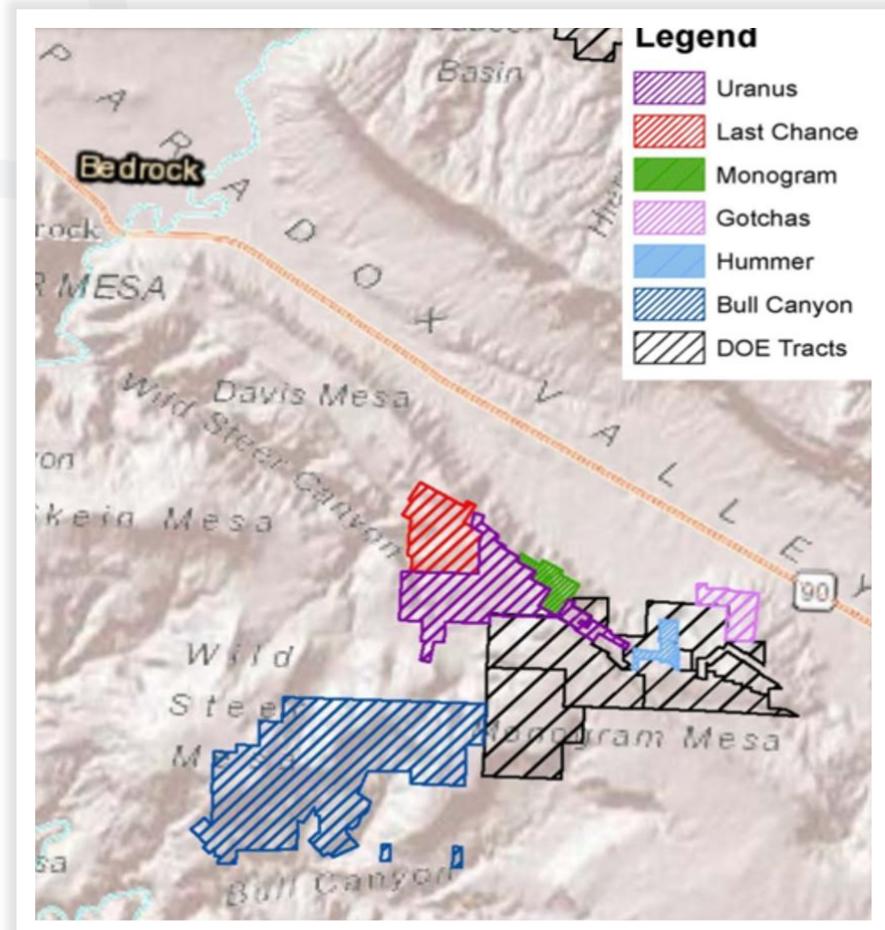
# NUVEMCO

Nuvemco's Blue Streak Project lies in the heart of Colorado's prolific Uravan Mineral Belt. Encompassing approximately 919 acres, it consolidates multiple past-producing mines including the Pickett Corral, Blue Streak, Upper Blue Streak, and Zebra Mines. Ore from these projects could feed a mill at Lisbon Valley, which is merely 90km away. This is core to our Hub & Spoke model for the region.

- **Five** advanced projects in and adjacent to Paradox Valley.
- **Blue Streak Mine:** 440,000lbs  $U_3O_8$  plus 2,955,000lbs  $V_2O_5$ .\*
- Last Chance Mine (permitted for mine extraction) Historical production.
- 49% acquired. 51% under option set to close imminently.

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\*A qualified person has not done sufficient work to classify the historical estimate as a current mineral resource and the Company is not treating the historical estimate as a current mineral resource and as such should not be relied upon. 2020 43-101 report prepared by E Thomas Cavanaugh Certified Professional Geologist NI 43-101 Qualified Person.



Our JV Partners: Milling & Technology

# Growth Through Key Partnerships



CVMR operating countries

## Our Key Partners

### CVMR

Proprietary refining/milling IP; DOE/DOD/ORNL ties; scalable metallurgical processes relevant to a centralized processing facility. We have a JV to build a uranium mill in the US.

### DISA TECHNOLOGIES

NRC-licensed **HPSA** process to remediate abandoned uranium mine waste and **recover saleable minerals**; AA (as GNEM) signed a **definitive WTUA** with DISA to share in recovered value via NS. Key technology for future hub/spoke model.

### REGIONAL MINERS AND EXPLORERS

Potential hub-and-spoke counterparts for tolling/JVs.

## OPPORTUNITY #2

# License & Develop Nuclear Fuel Technology

### OUR EDGE

We **license** at TRL-3 (lab-scale) and engineer to **TRL-7** (pilot-scale), capturing the steepest value step-up while controlling capital at each gate.

### EXECUTION MODEL

Stage-gated pilots, JV/tolling structures, and OEM/utility MOUs to validate performance, unit economics, and regulatory readiness.

### ACTIVE IP PIPELINE

We are **systematically prospecting IP** across **milling and enrichment**, prioritizing technologies with modular footprints, HF/F<sub>2</sub> recycle potential, and clear integration paths to a hub-and-spoke fuel-cycle network.

### COMMERCIAL PULL

DOE's **HALEU/LEU initiatives** (multi-year, multi-billion) are creating **bankable demand signals** for domestic conversion/enrichment solutions — and **rewarding credible pilots**.

# AMERICAN ATOMICS IS AN OFFICIAL PARTICIPANT IN THE U.S. DOE DPA FUEL CYCLE CONSORTIUM



## WHAT IT IS

DOE's Defense Production Act (DPA) Consortium uses **voluntary agreements** (with antitrust protection when criteria are met) to coordinate U.S. industry across uranium mining, milling, conversion, deconversion, enrichment, fabrication, recycling/reprocessing, and end-users—to secure the nuclear energy fuel cycle.



## WHY IT MATTERS

We have direct access to policy making at the DOE for the nuclear fuel cycle. This also puts us in an excellent position for DPA accelerated permitting for our projects.



## OUR ROLE

American Atomics sits on the Mining & Milling, Conversion and Enrichment committees. We are involved in creating Plans of Action for all three steps in the fuel cycle.

## MEET THE TEAM

# LEADERSHIP



**David Mitchell**  
**CEO & Director**

A financial industry professional with over 35 years experience in trading, investment advisory and corporate finance. Served on multiple boards in various industries. Extensive experience in the TSXV CPC program. Founder of Stillbridge Ventures, a corporate consultancy and investor in emerging and small business. Past director of the EMDA (now the PCMA).



**Terry Lynch**  
**Chairman & Director**

CEO of Power Metallic. PNPN-TSXV. Discovered the NISK and Lion Zone Polymetallic deposit - one of the highest grade early-stage projects in the world. Cofounder of Cardiol Therapeutics- TSX Nasdaq: CRDL. Founder of Save Canadian Mining. Board Member of PDAC. Member of the Trilateral Commission.



**Daniel Cruz**  
**CFO & Director**

20 years of Capital Markets experience. One of Canaccord Financial's youngest Investment Advisors to be appointed in a Senior role in 2010. Deal flows in excess of USD 100 Million.



**Jeremy Towning**  
**Director**

Jeremy Towning, a partner and vice-president with Swissreal Group. Extensive corporate governance and capital markets experience.



**Henrik Mikkelsen**  
**Director**

Henrik Mikkelsen is Managing Partner and CIO at Iridis in Zug, with 30+ years in investment banking and energy trading. He previously led portfolio and client management at Vattenfall and holds degrees in Business Administration and Finance from CBS and Syddansk University, Denmark.

# MEET THE TEAM

# ADVISORS



**Paul Szilagyi**  
**Advisor**

Mr. Szilagyi has 15 years experience in the U.S. mining industry, specifically in uranium and vanadium. Paul is an energy entrepreneur with a diverse background in operations, processes, technology, permitting, ESG involvement, and industry leadership. His past executive experience includes leading world class automotive tier one supply and patented hybrid electric vehicle technology.



**Adam Falkoff**  
**Advisor**

Adam Falkoff is Global Head of Executive and Government Relations and Philanthropy at Amazon Web Services, leading its Disaster Preparedness Team. With over 20 years in public policy and international relations, he has advised global leaders, led CapitalKeys, co-founded Quinn Gillespie's international practice, and earned the Ellis Island Medal of Honor.



**Craig "Okie" Howell**  
**Advisor**

Mr. Howell is a certified U.S. MSHA instructor with extensive exploration, development, mining, permitting, and operations experience. He is a U.S. Air Force Veteran (Captain) and the mineral Okieite was named in his honor.



**Dr. Erik Hunter**  
**Advisor**

Dr. Erik Hunter, advisor to the company, has over 25 years in uranium geology and processing. He holds a PhD from Colorado School of Mines and has worked with the DOE, USGS, and Smith Ranch ISR mine, specializing in uranium leaching, exploration, and radiometric analysis.

# TIGHT SHARE STRUCTURE

## CAPITALIZATION TABLE – NOV 2025

|                          |  |
|--------------------------|--|
| <b>Common Shares O/S</b> | <b>46,302,879</b>                          |
| <b>Options</b>           | <b>1,448,000</b>                           |
| Option 1                 | 348,000 @ \$0.125 Expiry: <b>May 2029</b>  |
| Option 2                 | 750,000 @ \$0.41 Expiry: <b>March 2030</b> |
| Option 3                 | 350,000 @ \$0.66 Expiry: <b>Sept 2030</b>  |
| Warrants                 | 0  |
| <b>Fully-diluted</b>     | <b>47,852,879</b>                          |

## INVESTOR HIGHLIGHTS WHY US?

### BUILT FOR THE NUCLEAR + AI DECADE

- Power demand is surging with AI/data centers; nuclear is back in policy favor. We're positioned where the value pools are deepest: fuel-cycle bottlenecks.

### TWO ASYMMETRIC ENGINES OF UPSIDE

- **Exploration** in U.S. districts with historic scale
- **Early stage fuel cycle tech** licensing + engineering to earn outsized equity in future infrastructure



### STRATEGIC PARTNERS THAT EXECUTE

- **CVMR** (processing JV to build a uranium mill).
- **DISA Technologies** (AUM waste remediation & value recovery).

### GOVERNMENT SUPPORTED INITIATIVES

- Our plan tracks DOE priorities & investments.
- The new **Defense Production Act (DPA) Consortium** on the U.S. nuclear fuel cycle.

### RIGHT ROCKS, RIGHT REVENUE PATH

- Big Indian (Lisbon Valley) on the under-tested east flank of a **~78 Mlbs** historic district.
- Nuvemco acquisition with the Blue Streak project offers potential near term production.

# CONTACT INFORMATION

**- GET IN TOUCH WITH US -**



**EMAIL :**

[info@ameratomics.com](mailto:info@ameratomics.com)



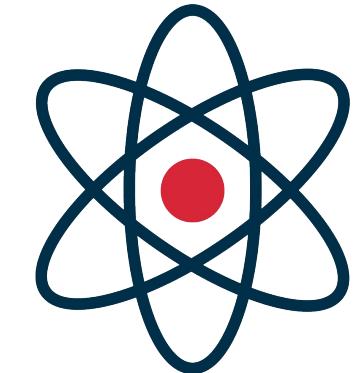
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[Ameratomics.com](http://Ameratomics.com)



# AMERICAN ATOMICS

***“ FROM ROCK TO REACTOR ”***

CSE: NUKE | FWB: Q3B NUKE | OTC: GNEMF

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