

# A Trans-Atlantic Critical Metals & Energy Explorer: Growing Value Through Discovery in Europe & Canada (CSE: TERA; FRA: UB10)

**CORPORATE PRESENTATION**

**March 2025**



# Forward Looking Statements

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From time to time, Terra Balcanica Resources Corp. will make written or oral forward-looking statements within the meaning of certain securities laws, including the safe harbour provisions of the United States Private Securities Litigation Reform Act of 1995 and any applicable Canadian securities legislation. We may make forward-looking statements in this Presentation, in other filings with Canadian regulators or the SEC, in other communications. Forward-looking statements in this document include, but are not limited to, statements relating to our financial performance objectives, vision and strategic goals, the economic, market, and regulatory review and outlook for Canadian, U.S., European and global economies, the regulatory environment in which we operate, the Strategic priorities and Outlook sections, and the risk environment including our liquidity and funding risk and includes our QP's statements. The forward-looking information contained in this document is presented for the purpose of assisting investors in understanding our financial position and results of operations, as well as our financial performance objectives, vision and strategic goals, and may not be appropriate for other purposes. Forward-looking statements are typically identified by words such as believe, expect, foresee, forecast, anticipate, intend, estimate, goal, plan and project and similar expressions of future or conditional verbs such as will, may, should, could or would.

By their very nature, forward-looking statements require us to make assumptions and are subject to inherent risks and uncertainties, which give rise to the possibility that our predictions, forecasts, projections, expectations or conclusions will not prove to be accurate, that our assumptions may not be correct and that our financial performance objectives, vision and strategic goals will not be achieved. We caution readers not to place undue reliance on these statements as several risk factors could cause our actual results to differ materially from the expectations expressed in such forward-looking statements. These factors many of which are beyond our control and the effects of which can be difficult to predict include: credit, market, liquidity and funding, insurance, operational, regulatory compliance, strategic, reputation, legal and regulatory environment, competitive and systemic risks and other risks discussed in the risks sections of our Presentation; including global uncertainty and volatility, information technology and cyber risk, regulatory change, technological innovation and new entrants, global environmental policy and climate change, changes in consumer behaviour, the end of quantitative easing, the business and economic conditions in the geographic regions in which we operate, the effects of changes in government fiscal, monetary and other policies, tax risk and transparency and environmental and social risk. We caution that the foregoing list of risk factors is not exhaustive, and other factors could also adversely affect our results. When relying on our forward-looking statements to make decisions with respect to us, investors and others should carefully consider the foregoing factors and other uncertainties and potential events. Except as required by law, we do not undertake to update any forward-looking statement, whether written or oral, that may be made from time to time by us or on our behalf. This is not an offer to sell or a solicitation of any offer to buy any securities. Offers are made only by prospectus or other offering materials.

**Dr. Aleksandar Mišković, P.Geo.** is a **Qualified Person** as defined in the **NI 43-101**, who is responsible for the review of all scientific and technical information contained in this presentation.

# Overview

World's 5<sup>th</sup> best 2024-25 antimony intercept announced in January of 2025



Critical metal assets

168 km<sup>2</sup> of land in Bosnia - the last underexplored European jurisdiction of Tethyan Belt adjacent to a 350 ktpa Pb-Zn-Ag-Sb mine\*

Viogor-Zanik

Cumavici: A 7 km long, shallow, high grade, silver-antimony rich, epithermal vein hosted system  
Brezani: A 1.2 km long, 20 m thick, silver-antimony discovery under a surface gold skarn

Capital structure

47.8M shares outstanding with 65% controlled by directors, executives and advisors

Energy metal assets

A 100% option of 596 km<sup>2</sup> of highly prospective uranium portfolio targeting basement style mineralization along margins of Athabasca Basin in Saskatchewan

# European Polymetallic Assets



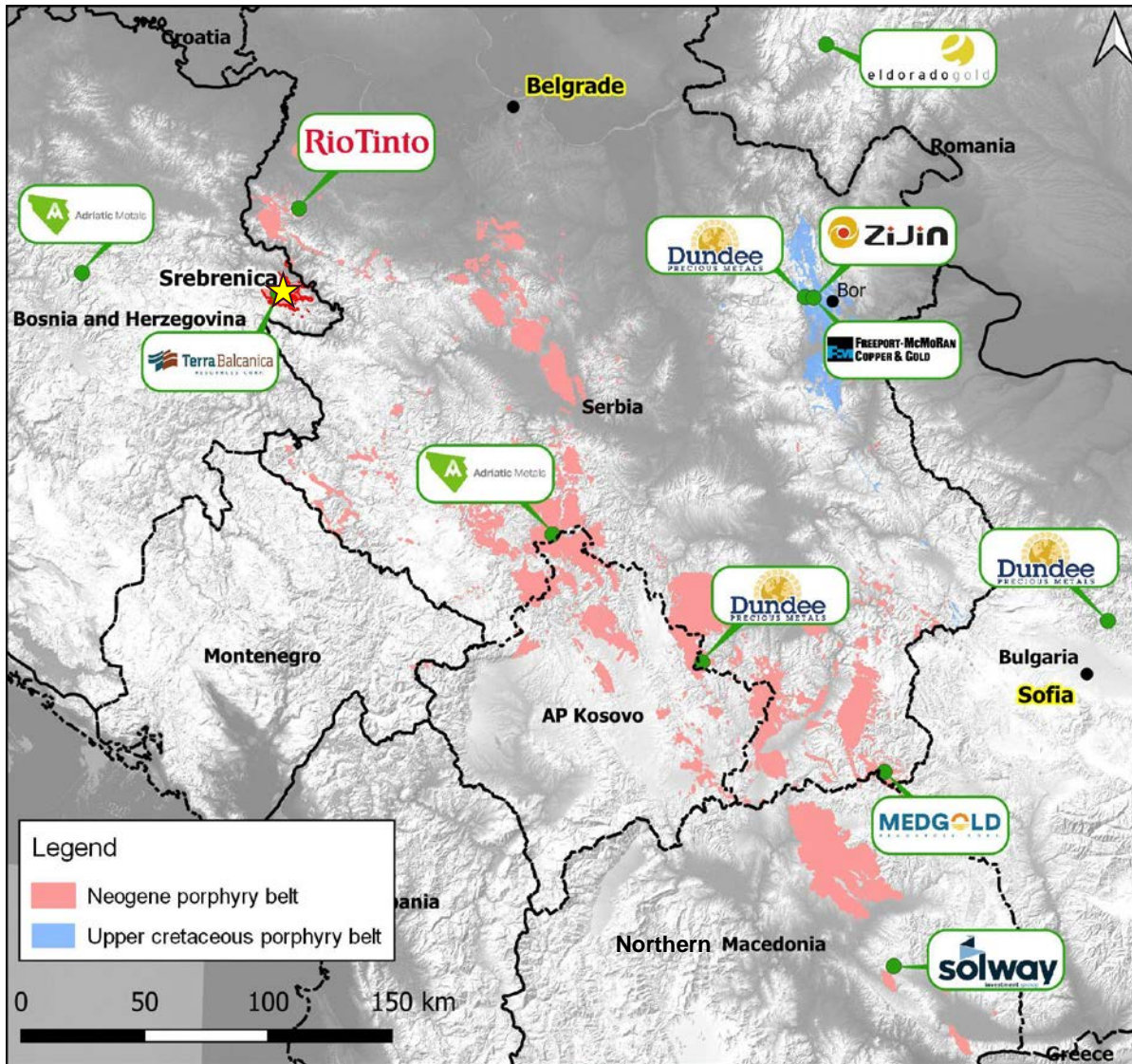
# Central European Location



- **168 km<sup>2</sup> of land position** in Bosnia-Herzegovina within two exploration licences;
- Linked by road and rail to the **central European markets**;
- 90%\* owned **Viogor-Zanik** project comprises **2 targets**:
- **Cumavici Corridor**: set of up to **11 m thick**, polymetallic veins with average grades of **376 g/t Ag Eq and 0.6% Sb** over **7.2 km of strike** to test;
- **Brezani Target**: a **1.2 km long and 20 m thick** conductor with **436 g/t Ag Eq and 0.8% Sb** over **19.6 m** underlying a **90 m intercept with 0.61 g/t AuEq** from surface.



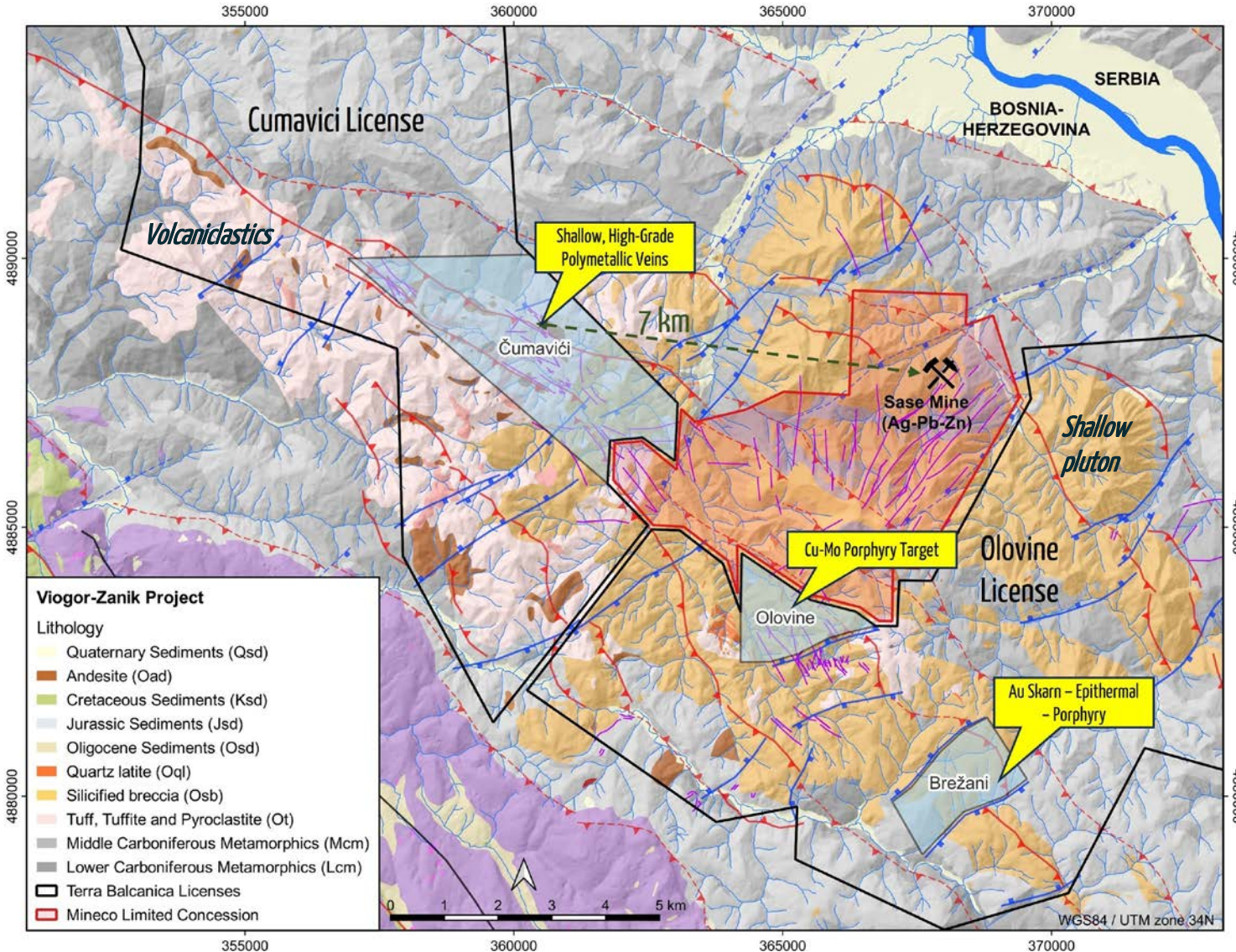
# The Balkans: Untapped Exploration Potential



- Terra Balcanica has projects located at the NW end of a corridor featuring multiple **epithermal Pb-Zn-Ag-Au**, porphyry Au-Cu-Mo, and skarn Au/CRD Pb-Zn deposits → **Exceptional Metal Endowment**;
- Global mining leaders including Rio Tinto, Freeport McMoran, Zijin, Dundee PM, and Eldorado Gold have active mines or PFS/FS projects in the region → **Tier-1 mining district**;
- Adriatic Metals plc. (ASX: **ADT**) closed a US\$245M financing of the Vareš Silver mine; project advanced from exploration to construction in less than 4 years → **Rapid project development**;
- Zijin's acquisition of the Nevsun Resources' Timok Project in Serbia for C\$1.86B in 2018 → **Opportunity**;
- Much of the former Yugoslav landmass has not been explored by modern techniques → **Potential**;
- Terra Balcanica offers a **competitive operational advantage due to long-standing regional presence**.



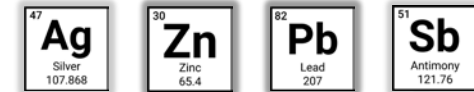
# Flagship Viogor-Zanik Project (Bosnia-Herzegovina)



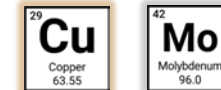
- Adjacent to Mineco Ltd.'s 350 ktpa Sase mine with **6.19 Mt @ 4.8% Pb, 5.8% Zn and 78 g/t Ag\*** and an **estimated 5 years of mine life remaining**;
- **Shallow, high grade, epithermal silver-antimony rich, vein-hosted mineralization**;
- **a Cu-Mo porphyry system and**
- **Surface gold skarn upon a wide silver-antimony mineralization underpinned by a porphyry.**

**1 DISTRICT - 3 DEPOSIT STYLES - 7 METALS**

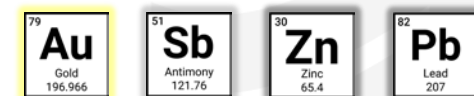
**Čumavići**



**Olovine**



**Brezani**



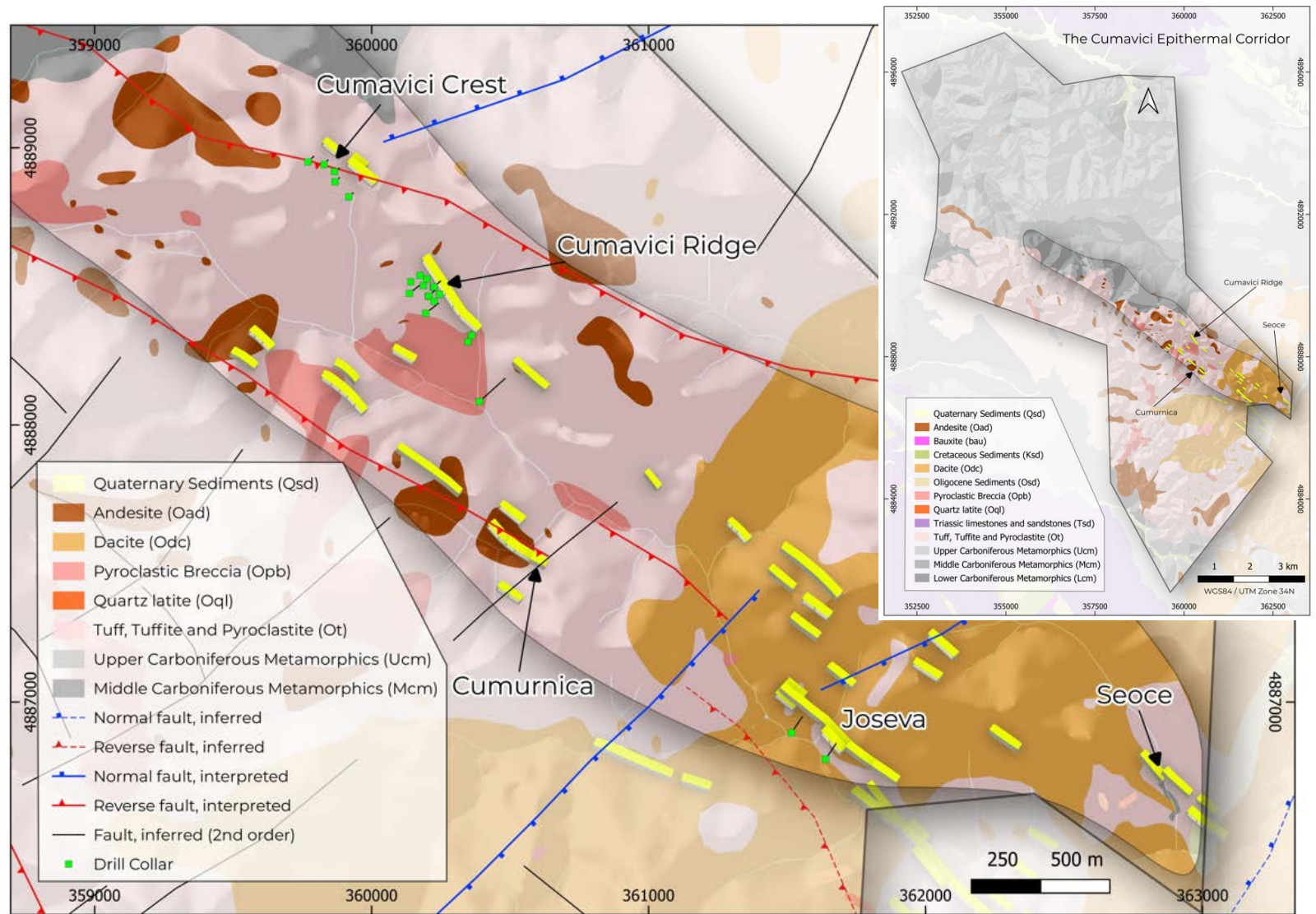
- Phase III drilling to commence in April, 2025.



# The Cumavici Epithermal Trend

- Shallow, high grade, intermediate sulfidation polymetallic **Ag-Sb-Pb-Zn-Au vein system**;
- **A semi-continuous 7.2 km, largely drill untested structural corridor** associated with a low magnetic response hosted by altered volcanic tuffs and breccias with occurrences of Pb, Zn and Fe sulphides
  - ✓ Čumavići – NW vein system
  - ✓ Josheva – SE vein system
  - ✓ Seoce – SE vein system
  - ✓ Čumurnica – a sub-parallel SW vein system

**Phase III drill program mto start in April 2025**

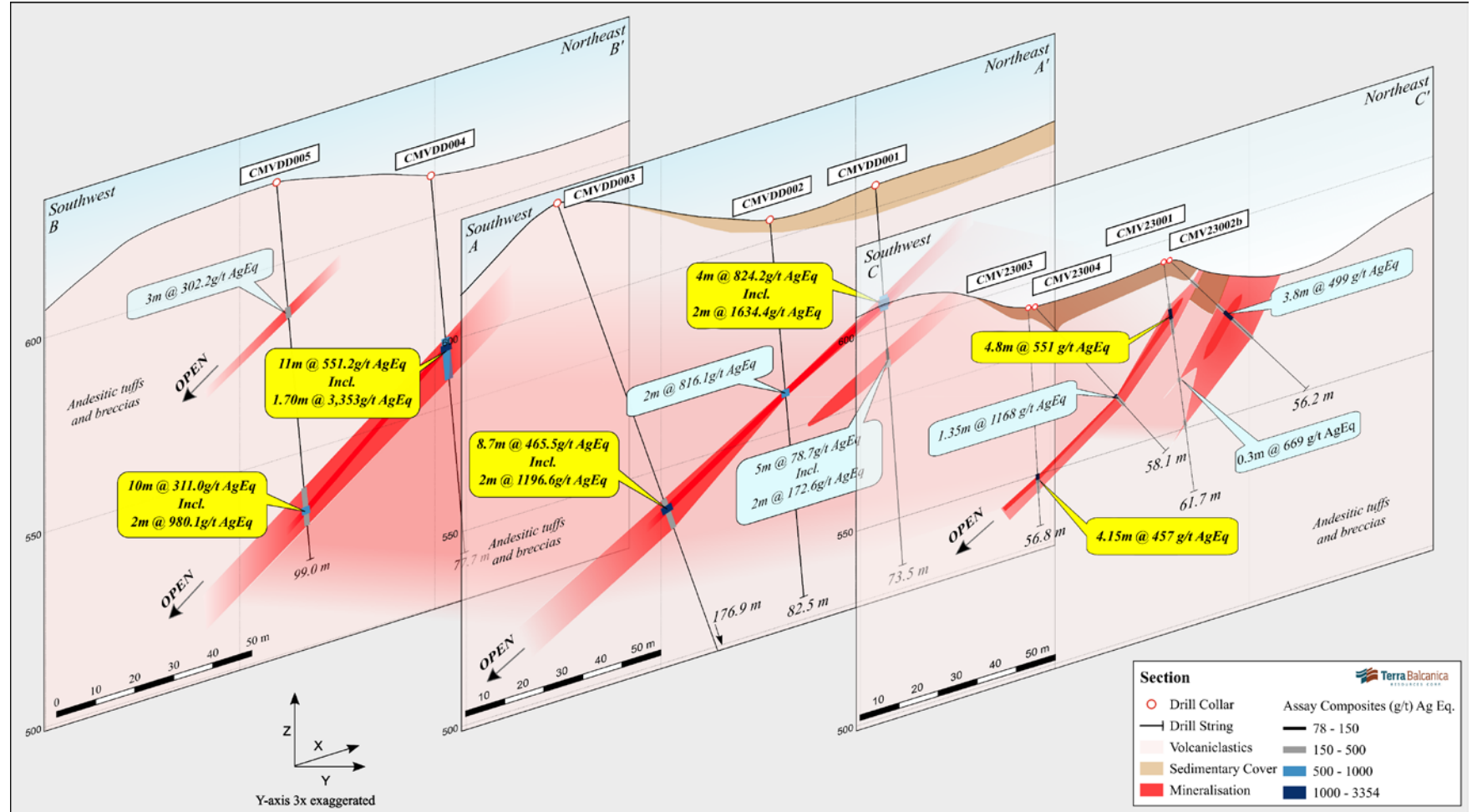




# Delineating Multimillion Ag oz. Footprint Along Strike

In 2023, 800 m of the Phase II drilling was executed at various locations on the Cumavici Ridge so that:

- ✓ **Strike length of IS epithermal mineralization** is expanded by over **600 m** toward NW;
- ✓ Mineralization maintains a **shallow vein-hosted character (7-80 m)** and **continues to be open down-dip** along each drill fence;
- ✓ **Mineralogy identical to Phase I vein intercepts** (sphalerite, galena, stibnite, Ag-Au bearing sulfosalts)\*



Upside:

- ✓ **Consistent, high-grade Ag-Sb-Zn-Pb-Au mineralization** at multiple drill intercepts;
- ✓ **Open to the NW, SE and down-dip to the SW;**

# Cumavici Mineralized Footprint Grows

- Consistent high Ag Eq. grades and vein thickness intercepts
- Over 120 m of along-strike vein extent defined to date, with a further vein interval > 600 m NW along strike

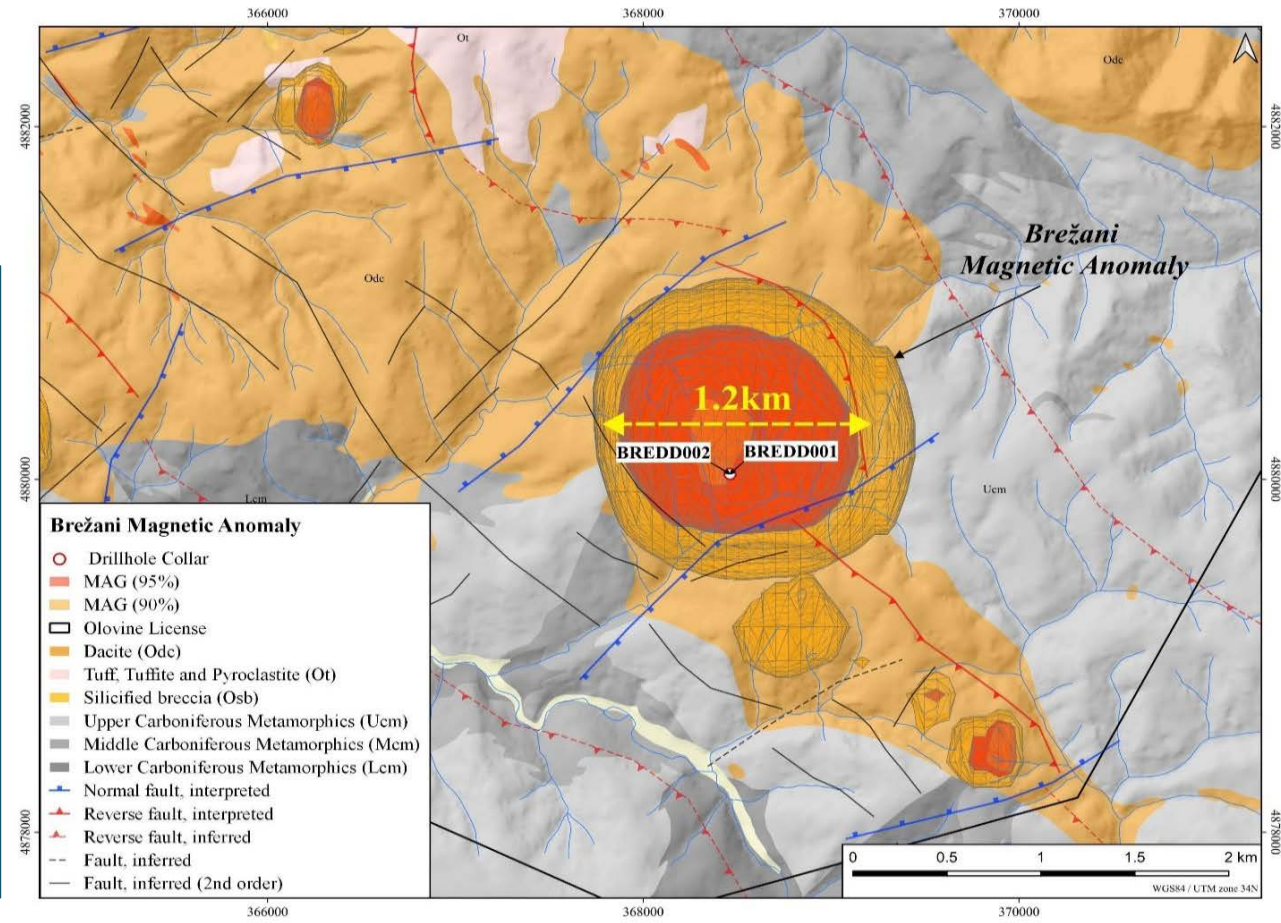
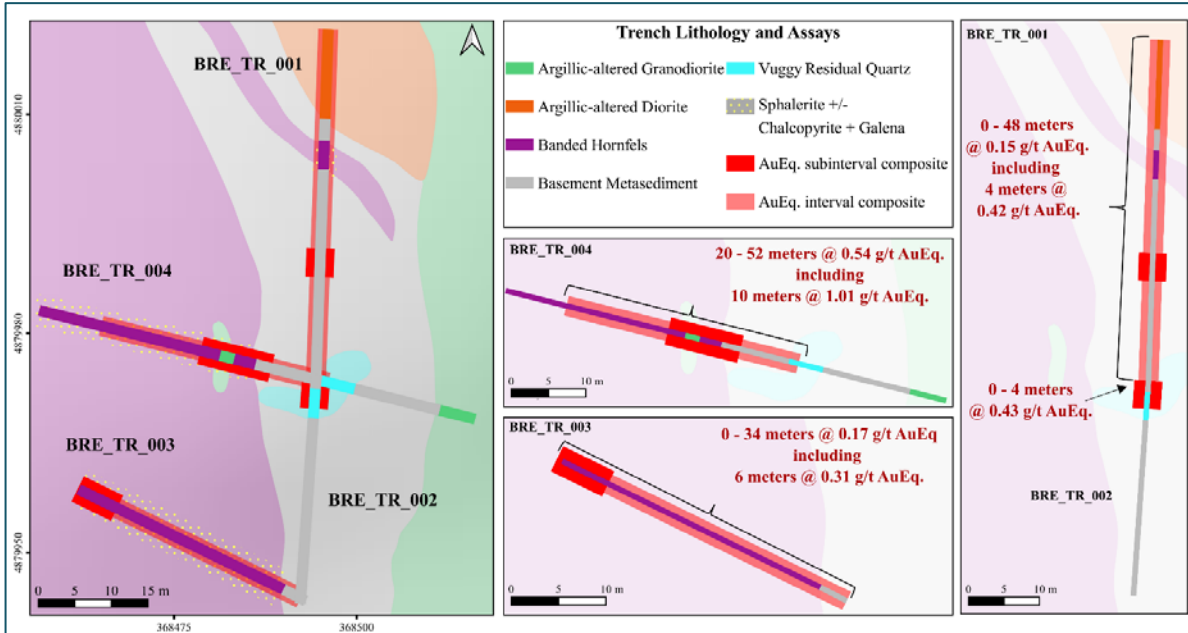
Cumavici Drillhole	From (m)	To (m)	Intercept (m)	Au (g/t)	Ag (g/t)	Zn (%)	Pb (%)	Sb (%)	Ag Eq. (g/t) 2023 prices	Ag Eq. (g/t)* 2025 prices
CMVD001 upper	29.0	33.0	<b>4.0</b>	0.84	<b>131.5</b>	<b>4.59</b>	2.12	<b>1.85</b>	883	<b>1,138</b>
<i>including</i>	30.0	32.0	2.0	1.62	<b>267</b>	<b>9.10</b>	<b>4.20</b>	<b>3.70</b>	<b>1,751</b>	<b>2,264</b>
CMVD002	45.0	47.0	2.0	0.23	<b>144</b>	<b>8.26</b>	<b>4.27</b>	0.44	879	693
CMVD003	89.0	97.7	<b>8.7</b>	0.81	<b>105</b>	1.17	0.70	<b>1.20</b>	492	710
<i>including</i>	91.0	93.0	2.0	1.16	<b>289</b>	<b>3.16</b>	<b>2.03</b>	<b>3.50</b>	<b>1,273</b>	<b>1,936</b>
CMVD004	43.0	54.0	<b>11.0</b>	0.30	<b>225</b>	0.83	0.56	<b>1.48</b>	580	882
<i>including</i>	44.8	46.5	1.7	0.81	<b>1420</b>	<b>4.95</b>	<b>3.42</b>	<b>9.40</b>	<b>3,532</b>	<b>5,482</b>
CMVD005 lower	81.0	91.0	<b>10.0</b>	0.78	<b>75</b>	0.61	0.40	<b>0.68</b>	326	445
<i>including</i>	86.0	88.0	2.0	2.85	<b>258</b>	1.89	1.42	<b>1.70</b>	<b>1,020</b>	<b>1,284</b>
CMV23004	36.2	37.55	1.35	<b>3.49</b>	<b>452</b>	<b>3.36</b>	<b>2.14</b>	<b>1.98</b>	<b>1,443</b>	<b>1,710</b>
CMV23001	11.0	15.8	<b>4.8</b>	1.45	<b>123</b>	1.42	0.53	<b>1.48</b>	635	901
CMV23001	31.6	31.9	0.3	0.43	<b>99</b>	0.94	0.26	<b>3.06</b>	733	<b>1,396</b>
CMV23002b	22.0	25.8	3.8	0.63	<b>116</b>	<b>5.20</b>	<b>2.56</b>	<b>0.46</b>	657	574
CMV23002b	31.00	33.0	2.0	0.52	<b>154</b>	0.20	0.10	<b>0.11</b>	245	254
CMV23003	43.85	48.0	<b>4.15</b>	0.64	<b>53</b>	<b>4.12</b>	<b>2.99</b>	<b>0.73</b>	597	597
CMV23004	36.2	37.55	1.35	3.14	<b>420</b>	<b>3.16</b>	<b>2.01</b>	<b>1.88</b>	<b>1,340</b>	<b>1,597</b>
CMV23007	39.05	39.8	0.75	0.15	<b>29</b>	0.67	0.14	<b>2.80</b>	570	<b>1,188</b>
CMV23009	39.4	40.5	1.1	0.23	<b>82</b>	1.91	0.17	<b>1.11</b>	414	612

\*Current silver equivalents ("AgEq") are based on assumed metal prices of US\$2,700/oz for gold (Au), US\$30.00/oz for silver (Ag), US\$0.90/lb for lead (Pb), US\$17.50/lb for antimony (Sb) and US\$1.40/lb for zinc (Zn). Assumed metal recoveries of 90% Au, 93% Ag, 94% Pb and Zn, 90% Sb are based on published metallurgical tests for analogous Balkan epithermal deposits.



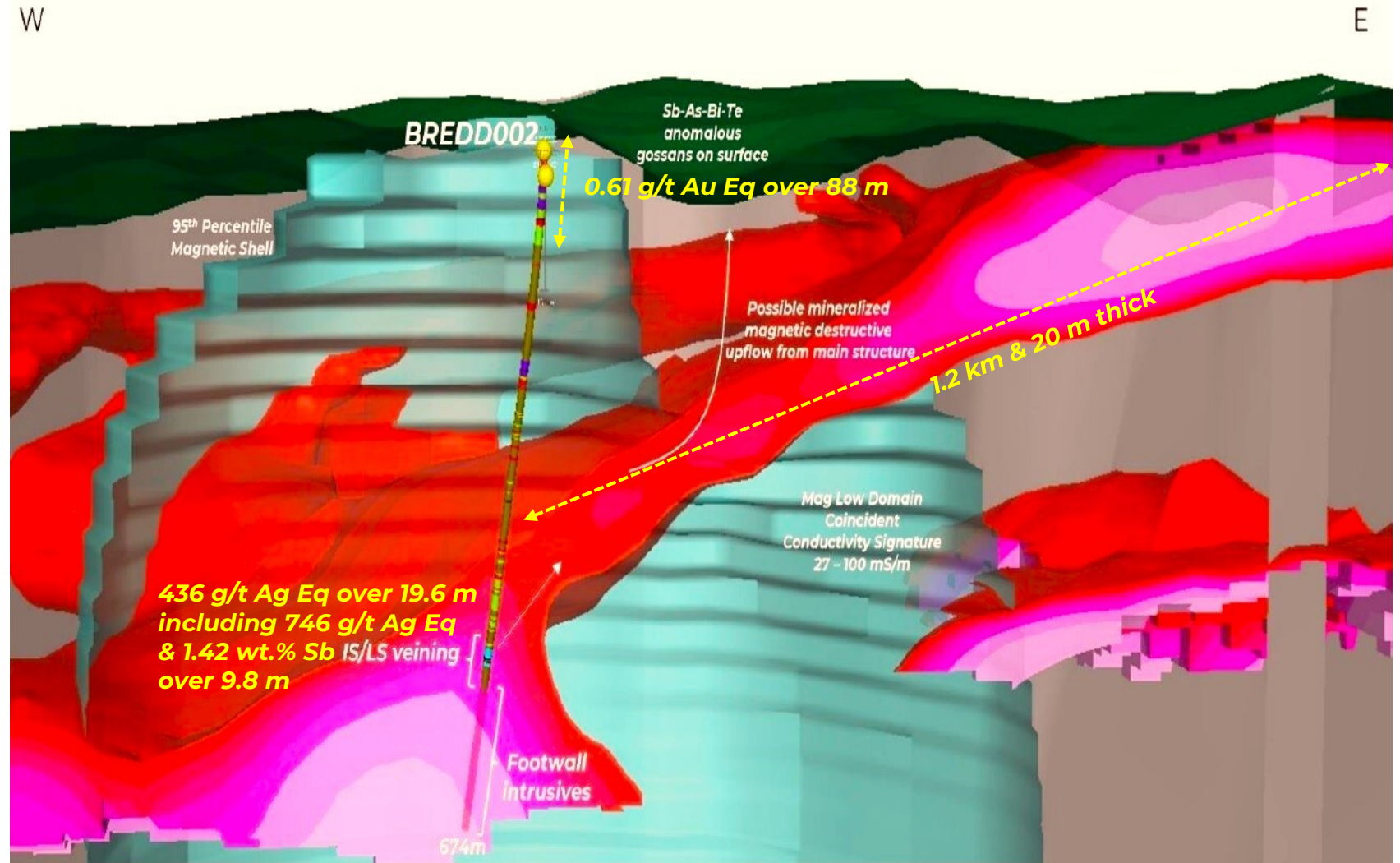
# Brezani: A Multidomain Gold-Silver-Antimony Target

- **Porphyry/skarn/epithermal target** ~5 km SE of the Olovine porphyry target;
- Similar geophysical signature to the 2.1 Moz Au Eq. Rogozna Au-Cu skarn project in SW Serbia\*;
- **Superimposed 1.2 km wide mag. and EM anomalies;**
- **>700 meters strike** of a surface Au-Bi-Zn anomaly;
- Banded skarn outcrops w. sphalerite-chalcopyrite



# Brezani: A Massive Antimony-Silver Potential

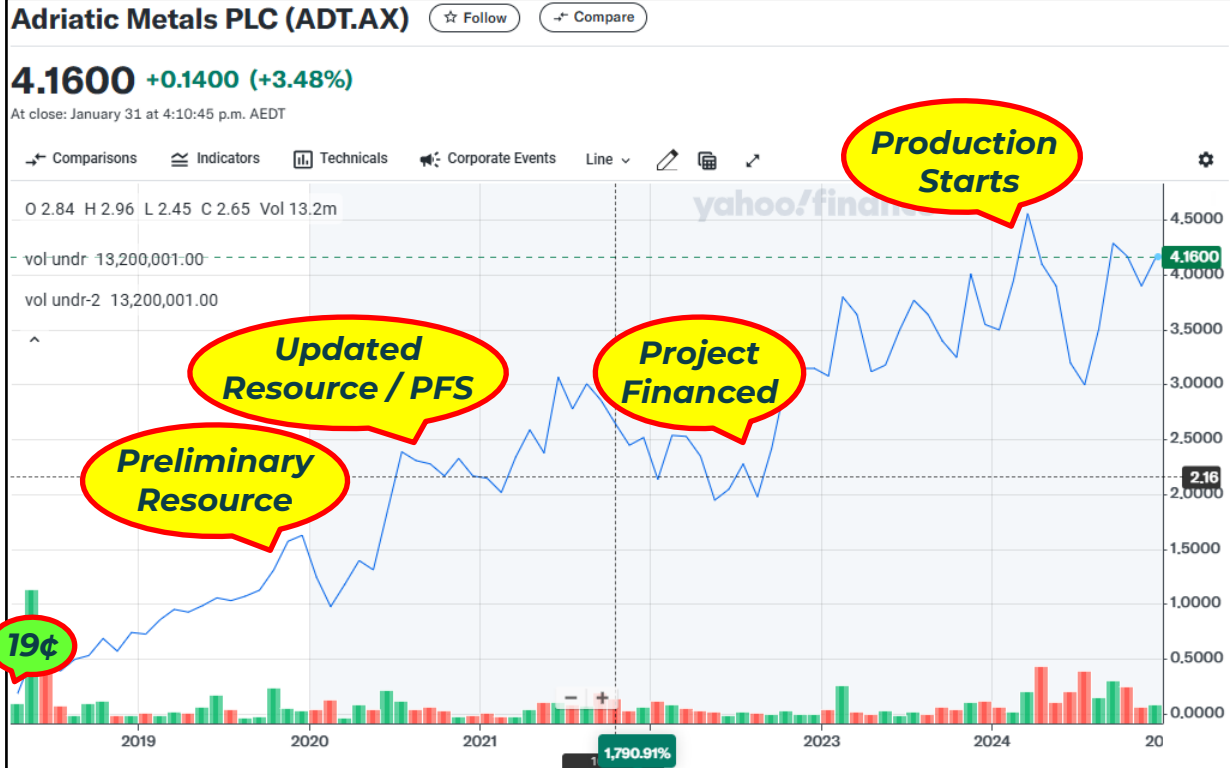
- 600 m wide **Au skarn footprint** defined on surface;
- The 2022 maiden drillhole intercepted **0.61 g/t AuEq over 88 m** from surface with drilling finalized in August 2023;
- A **20 m wide and 1.2 km long conductor** was intercepted as **Ag-Sb mineralized fault breccia** that surfaces to northeast;
- Extension of BREDD002 in 2023 yielded **436 g/t AgEq over 19.6 m including 746 g/t AgEq and 1.42 wt.% Sb over 9.8 m**;
- Drilling terminated at 674 m in more than **124 m of porphyritic diorite**;
- The porphyry target is a **> 600 m wide conductivity-magnetic anomaly**.



Section through the Brezani target, illustrating the conductivity-magnetic anomaly at depth within intrusive rocks. The east shallowing conductive signature is interpreted as the continuation of the epithermal mineralisation intercepted downhole and offers a promising exploration target.



# Comparatives: A Compelling Value Proposition



Adriatic Metals plc. (ADT.AX)	
Year of listing	April 2018
ROI	17.9x
Market Cap.	\$1.22B CAD
Jurisdiction	Bosnia & Herzegovina
Commodities	Ag-Pb-Zn-Sb-Au-Cu
Deposit type	Polymetallic VMS / SEDEX?
Resource	21.1 Mt (18.3 M&I + 2.8 Infer.)
Average grade	620 AgEq. (M&I) + 294 AgEq.



Vizsla Silver Corp. (VZLA.TO)	
Year of listing	October 2018
ROI	18.8x
Market Cap.	\$846M CAD
Jurisdiction	Mexico
Commodities	Au-Ag
Deposit type	Epithermal Au-Ag veins
Resource	23.5 Mt (13 M&I + 10.5 Infer.)
Average grade	534 AgEq. (M&I) + 412 AgEq.

# Canadian Uranium Assets



# Athabasca Basin, Saskatchewan

*Home to some of the largest and highest-grade uranium deposits in the world <sup>1</sup>*

*Northern Saskatchewan supplies ca. 20% of the world's uranium <sup>2</sup>*

<sup>1</sup> Using the highest grade of notable mines in each country; *The 10 biggest uranium mines in the world*; Mining Technology

<sup>2</sup> <https://world-nuclear.org/information-library/country-profiles/countries-a-f/canada-uranium.aspx>

>**596 sq km** of terrain divided into 4 licences focused on:

- NE-SW structures and associated EM conductors;
- Heart of the historic Uranium City District;
- Projects along the Athabasca Basin margins resulted in discoveries:
  - ✓ **Arrow Deposit** (4.3 Mt at 0.83%  $U_3O_8$ ; NexGen Energy Ltd. **\$5.57B**);
  - ✓ **Triple R Deposit** (2.7 Mt at 1.94%  $U_3O_8$ ; F3 Uranium Corp. **\$182.2M**);
- Recent Athabasca uranium discoveries have proved the concept of **exploring along fluid bearing structure outside the basin** (basement & Beaverlodge style of mineralization);



# Uranium Assets

## Charlot-Neely Lake (160 km<sup>2</sup>)

- Structure: **Black Bay Fault**
- **14 historic mines** within 10km of the **Black Bay fault**.
- Mineralization **up to 6.2% U<sub>3</sub>O<sub>8</sub>**
- Nearby significant earn-in agreements

## Fontaine Lake (59 km<sup>2</sup>)

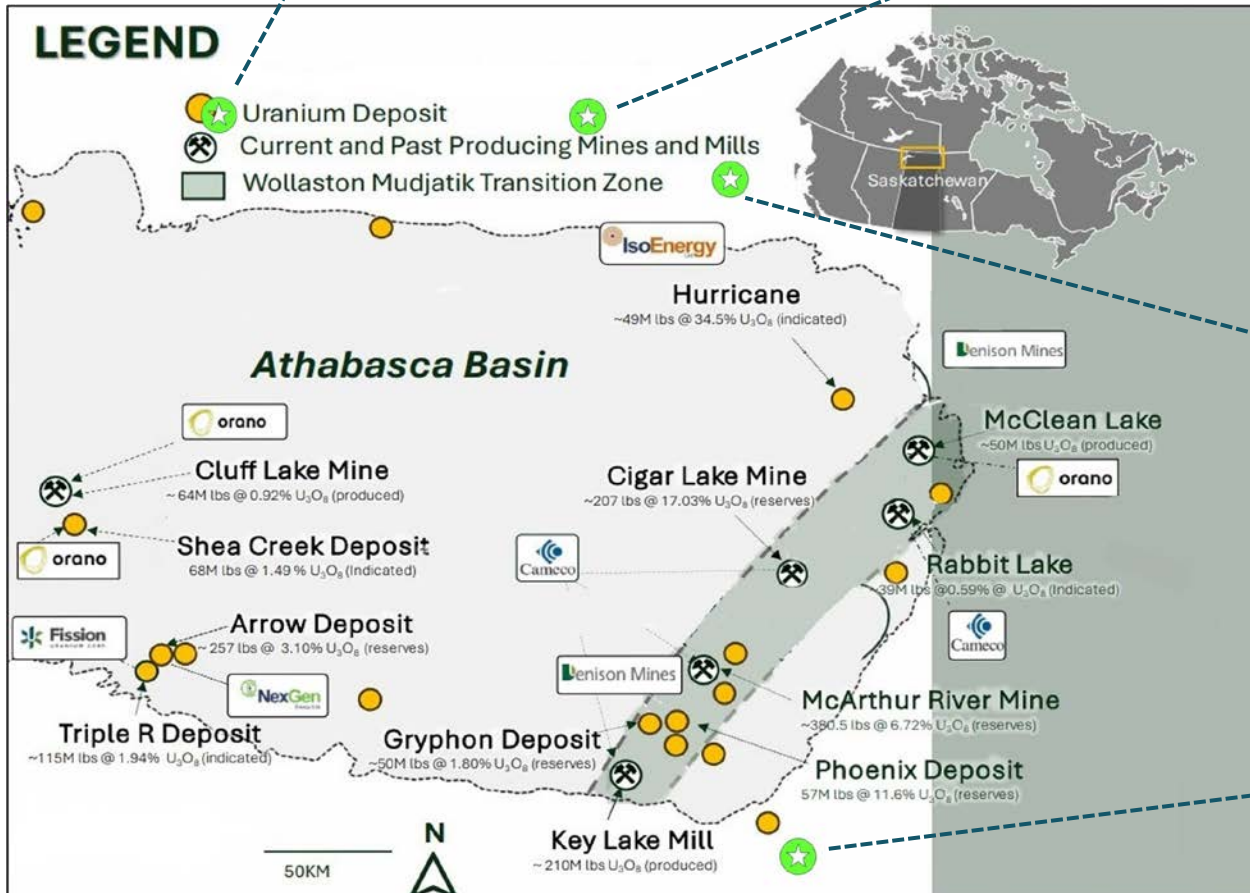
- Structure: **Grease River Fault**
- Mineralization **upto 1.4% U<sub>3</sub>O<sub>8</sub>**
- Nearby significant earn-in agreements

## Snowbird (328 km<sup>2</sup>)

- Structure: **Black Lake Fault**
- Historic Mines **Nisto Uranium mine on trend 20km south**
- Mineralisation **several uranium anomalies not yet explored**
- Nearby significant earn-in agreements

## South Pendleton (47 km<sup>2</sup>)

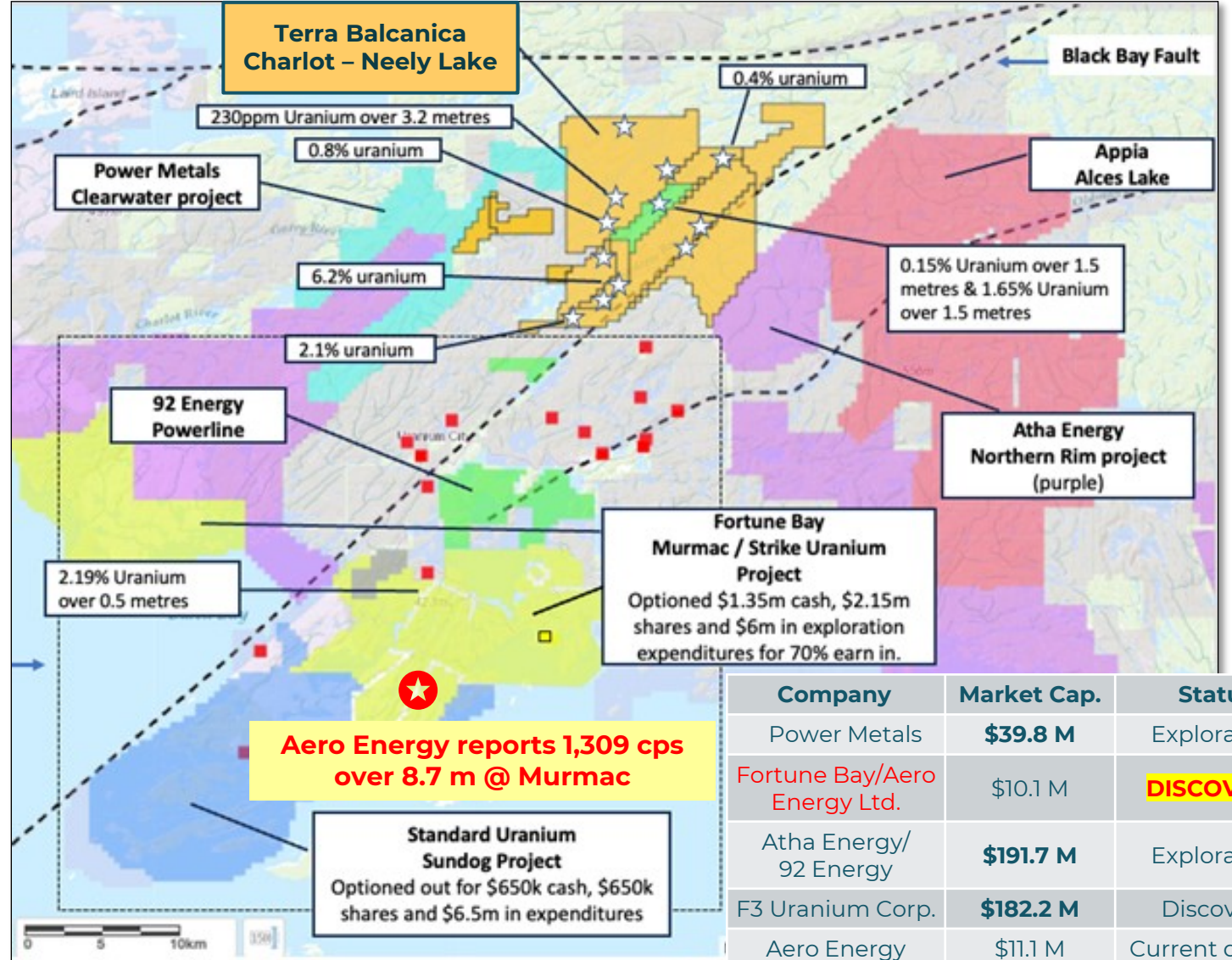
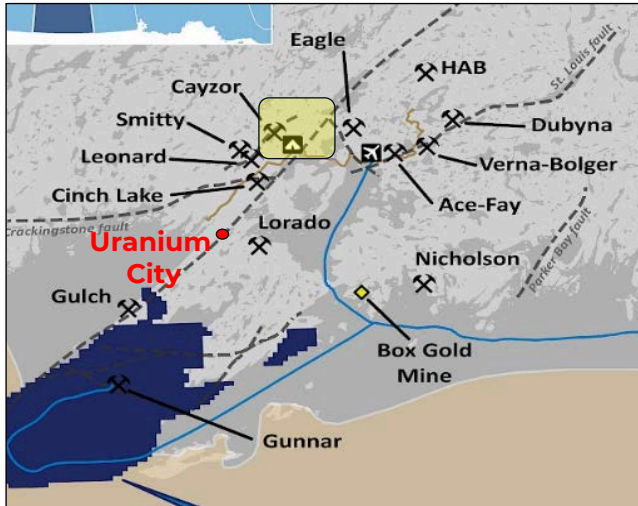
- Structure: **Needle Falls Shear Zone**
- **Same basement rocks that host prolific Key Lake and Rabbit Lake mines.**
- Mineralisation **several unexplored uranium anomalies;**
- Nearby significant earn-in agreements





# Heart of the Beaverlodge District

- Over **70 million lbs of U<sub>3</sub>O<sub>8</sub> produced;**
- Significant **uranium and REE potential** (Alces REE discovery by Appia and historical samples of over **31% U<sub>3</sub>O<sub>8</sub>** & over **16% REE**);
- 160 km<sup>2</sup> land tenure within 10 km of **14 past uranium ore producers;**
- **Intercept by Aero Energy / Fortune Bay** proves the exploration concept.



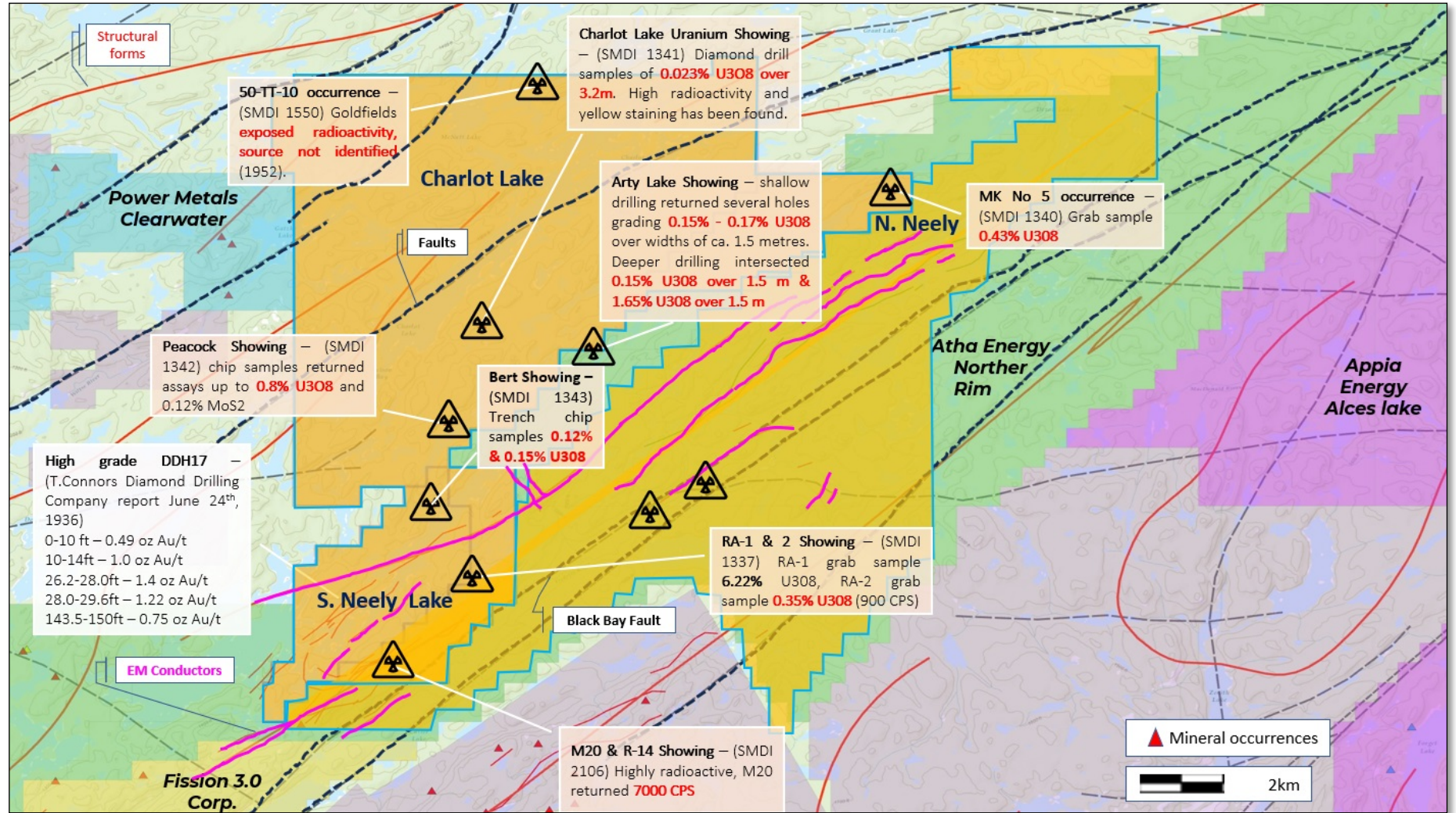
**Aero Energy reports 1,309 cps over 8.7 m @ Murmac**

Company	Market Cap.	Status
Power Metals	<b>\$39.8 M</b>	Exploration
Fortune Bay/Aero Energy Ltd.	\$10.1 M	<b>DISCOVERY</b>
Atha Energy/ 92 Energy	<b>\$191.7 M</b>	Exploration
F3 Uranium Corp.	<b>\$182.2 M</b>	Discovery
Aero Energy	\$11.1 M	Current drilling



# Flagship Charlot – Neely Lake Project

- Covers **20 km of the Black Bay fault** with **16 km of linear graphite conductors**;
- Multiple anomalies of up to **7,000 cps** and historic rock chips of up to **6.22 % U<sub>3</sub>O<sub>8</sub>**;
- Historic **3.91 g/t Au over 45.8 m from surface** (DDH17 );
- 0.8% U<sub>3</sub>O<sub>8</sub>** confirmed at Peacock showing in 2023;
- Targeting** previously untapped **high-grade sources** of surficial U showings along faults.





# Capital Structure, Financing & Path Forward

## Where Are We Now?

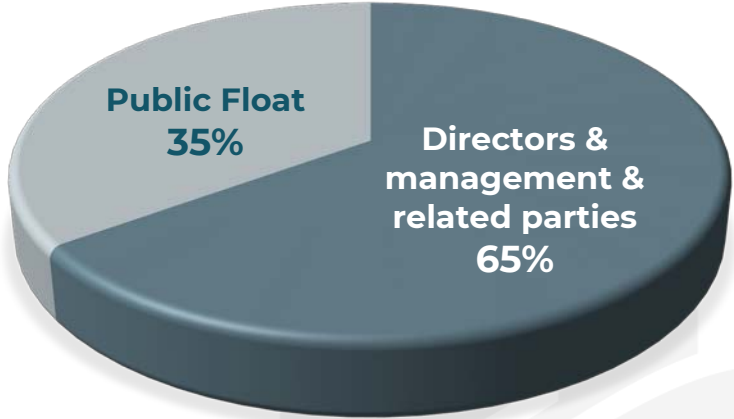
- Dually listed on CSE (**TERA**) & FSE (**UBI**);
- **C\$8,465,165** raised since October 2020;
- **\$1.2M** raised in summer 2023;
- **\$986k** raised in summer 2024;
- **\$571k** raised in February 2025'
- **>C\$1.0M** invested by the Board and insiders;

## Next Steps:

- News flow from **2023 Phase II drilling at Viogor-Zanik** in Q1 2025;
- A robust **capitals market plan in place as of Q1 2025**;
- Commence **uranium exploration in Q2 2025**;

✓ A drill-confirmed, high-grade, European critical metals project  
 ✓ A large uranium portfolio in the heart of a Canadian world-class district  
 ✓ A digital marketing campaign as a share price catalyst in Q2 2025

Capital Structure & Share Ownership			
<b>Common Shares I/O 52,299,141</b>			
Options (@ C\$0.60) exp. in 2027	1,466,667	Warrants (@ C\$0.45) exp. in 2025	1,666,667
Options (@ C\$0.105) exp. in 2030	2,900,000	Warrants (@ C\$0.39) exp. in 2026	5,084,115
Warrants (@ C\$0.15) exp. in 2028	5,709,997	Warrants (@ C\$0.15) exp. in 2027	9,438,750
<b>Fully Diluted 78,565,337</b>			



# Management

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## **Aleksandar (Alex) Mišković Ph.D., P.Geo. (Co-Founder, President & CEO)**

Alex is geoscientist with 22 years of experience in igneous geochemistry and regional metallogeny. A leader with a history of assembling and managing technical teams, Alex has rapidly delivered greenfield targets and executed brownfield projects for both junior explorers and some of the world's largest mining companies. Alex previously served as:

- Head of Exploration for Medgold Resources Corp. where he was the key early developer of the 680,000 oz AuEq Tlamino deposit\*, and
- Global R&D Director at the Lithium & Borates Division with Rio Tinto plc.

Dr. Mišković obtained his PhD degree at the University of Geneva, Switzerland followed by a postdoctoral tenure at MIT.



## **Stephen Brohman, CPA, CA (CFO)**

Mr. Brohman is a principal at Donaldson Brohman Martin, CPA Inc. and has over ten years of experience working with private and publicly traded companies, including serving as a director and/or officer. Mr. Brohman holds a Bachelor of Business Administration (BBA) and obtained his CPA, CA (Chartered Professional Accountant) designation while working in public practice.



## **Catherine Cox (Corporate Secretary)**

Ms. Cox has over 20 years of experience as Corporate Secretary to a variety of public and private companies in the resource sector. She was the former VP-Corporate Secretary for Nevada Copper Corp. and has an extensive securities and corporate paralegal background working with both Canadian and US law firms. Ms. Cox serves as a member of the NevGold Corp. executive team.



## **Jelena Nikolić, MSc (Office Manager)**

Jelena is an economist with over 25 years of experience in the tourism and travel industry mostly focused on revenue management, corporate organization and hospitality logistics. Ms. Nikolic worked within the NGO sector worldwide as a logistics officer in charge of operations for regional and local events in Africa and Southeast Asia. A fluent English speaker, Jelena serves as the Company's Belgrade office manager while supporting regional activities throughout the Balkans.



# Board of Directors

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## **Giulio Bonifacio CPA (Non-Executive Chairman)**

Mr. Bonifacio has over 30 years of experience in senior executive roles in the mining industry in both the base and precious metals sectors. Giulio was the Founder, President, Chief Executive Officer and Director of Nevada Copper from 2005 until February 2018. Mr. Bonifacio has held previous senior executive roles with Getty Resources Limited, TOTAL Energold Corp., and Vengold Inc. Giulio was formerly President, Chief Executive Officer and Non-Executive Chair of Faraday Copper Corp. from May 2018 until April 2022. He currently serves as the Executive Chair of Candente Copper Corp. and Non-Executive Chair of Nevgold Corp. Giulio is a Chartered Professional Accountant with knowledge of operations, capital markets and project finance while raising significant amounts of capital for projects of merit by way of project debt, offtake and equity.



## **Brandon Bonifacio M.Eng., MBA (Director)**

Mr. Bonifacio is a mining executive with expertise in project development, mergers and acquisitions with over 10 years of experience. Brandon was:

- Finance director of the Norte Abierto Joint Venture (Cerro Casale/Caspiche) working for Goldcorp Inc. (now Newmont, NYSE: NEM)
- Senior member of the corporate development team at Goldcorp Inc.

Mr. Bonifacio holds an MSc (Mining Engineering) and MBA from the University of Nevada-Reno, and a Bachelor of Commerce (Finance) from the University of British Columbia. He is currently President & CEO of NevGold Corp., and Director of Angold Resources Ltd.



## **Aleksandar Ilić (Co-Founder & Director)**

Mr. Ilić is the founder of Rockstone Group, a junior Serbian mineral exploration company focused on target generation in the Western Tethyan Belt. He was the initial developer of the Suva Ruda Cu-Au porphyry project through an option agreement with Adriatic Metals plc. Aleksandar possesses a thorough understanding of regional markets and early-mover opportunities within the local commodity sector.



## **Kim Oishi, MBA (Director)**

Mr. Oishi has been providing capital markets advice to domestic and international companies since 1993, focusing on public companies listed on the TSX and TSX-V. Kim has extensive experience leading financings, acquisitions, and investor relations, often serving as a director and officer of public and private companies. Mr. Oishi is the founder and President of Grand Rock Capital Inc., a company that invests in growth companies and provides consulting services regarding capital markets, corporate finance, and investor relations.

# Why Terra Balcanica?



High-grade Ag-Sb  
in Bosnia

Shallow, drill confirmed, high-grade silver-antimony dominated targets adjacent to an operating mine reducing capex requirements



Large Canadian  
uranium portfolio

A strategically positioned uranium exploration portfolio along margins of Athabasca Basin



Clear capital market  
strategy

Forge superior returns for investors by promoting rapid advancement of compelling metallic and energy assets in Europe & Canada



## CONTACT DETAILS

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President & CEO

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# Appendix I: 43-101 Technical Disclosure Details



# Details on quoted resources, reserves, and production statistics (I)

**Slide 5** – The Čukaru Peki SRK Inferred Mineral Resource Statement as of June 2018 for the Lower Zone of the Čukaru Peki Deposit. Page 19 of NI 43-101 report found at <https://www.sec.gov/Archives/edgar/data/919991/000147237518000095/exhibit99-1.pdf>;

**Slide 5** – Eldorado Gold assets. Kişladag and Skouries contained metal resources and reserves found at <https://www.eldoradogold.com/assets/resources-and-reserves/default.aspx>;

**Slide 5** – Rosia Montana SRK Audited Mineral Resource combined measured and indicated resources found at: [https://www.gabrielresources.com/wp-content/uploads/2022/03/Rosia\\_Montana\\_Technical\\_Report.pdf](https://www.gabrielresources.com/wp-content/uploads/2022/03/Rosia_Montana_Technical_Report.pdf);

**Slide 5** – The Surdulica deposit resource information can be found at <http://www.dunavresources.com/Resources.html>;

**Slide 7** – The Sase (Gross) Mine historical estimate dated 31<sup>st</sup> December 2016 comprised 6.19 Mt of **ore reserves** at 4.84% Pb, 5.82% Zn, 78.56 g/t Ag and 318.73 g/t Cd, as per the classification derived from the **1979 Yugoslav official book of regulations for solid materials, raw materials**. No current technical report is available, and information is sourced from the Gross Mine website (<http://www.gross-doo.com/proizvodnja-rude/>). Assumptions and economic factors to produce the historical reserves are based on 12,654.40 m of drilling between 2010 and 2018 contributing to reserve definition. Categorisation of reserves is different to those set out in section 1.2 and 1.3 of the NI 43-101 rules and policies, and instead classified using categories A, B and C1 according to the Yugoslav mineral resource system (see table below). A qualified person has not completed work to classify this historical estimate as a *current* resource or reserve estimate. Terra Balcanica is treating this as a historical (2016) estimate. Terra Balcanica has not conducted a resource review to verify the historical estimate, nor is it able to comment upon the reliability of the historical estimate.

TABELA OJVERENIH BILANSNIH REZERVI GROSS-A 31.12.2016. GODINE

Билансне рудне резерве експлоатационих поља Сребреница I, Сребреница II, Витловац и Казани

Експлоатациона поља Сребреница I, Сребреница II, Витловац и Казани					
Категорија	Резерве (t)	Садржај метала у руди			
		Pb (%)	Zn (%)	Ag (g/t)	Cd (g/t)
A	1.543.565	4,34	5,93	73,33	325,98
B	1.952.270	5,39	5,90	83,44	321,06
C <sub>1</sub>	2.693.916	4,72	5,70	78,01	312,90
<b>A+B+C<sub>1</sub></b>	<b>6.189.752</b>	<b>4,84</b>	<b>5,82</b>	<b>78,56</b>	<b>318,73</b>

Law, 2015 and Proposed New Book of Regulations for Solid Mineral Raw Materials	Results of Geological Exploration	Mineral Resources			Mineral Reserves	
		Inferred	Indicated	Measured	Probable	Proved
Official Book of Regulations for Solid Mineral Raw Materials (1979)	Potential	Potential	Established (in situ – Geological: Out-of-Balance and Balance)		Exploitation (inclusive of dilutions and losses during mining)	
	D <sub>2</sub> , D <sub>1</sub>	C <sub>2</sub>	C <sub>1</sub>	B, A	C <sub>1</sub>	B, A
UNFC (2009)	334	223	Mineral Resources		Mineral Reserves	
			222	221	112	111

Source: M. Ilich and R. Vukas, 2016: On the harmonization of Serbia classification and accompanying...; <https://eurogeologists.europan-ge>

# Details on quoted resources, reserves, and production statistics (II)

**Slide 9** - 2.15 Moz Au Eq. JORC compliant inferred mineral resource released 1 November 2021 by Zlatna Reka Resources for the Shanac and Copper Canyon deposits, Rogozna project. No reserves are calculated. Estimate generated from 64 Mt @ 0.7g/t Au and 0.2% Cu with 80% metal recovery and prices of US\$1750/oz Au and US\$10,000/t Cu. Information regarding mineral resource calculation sourced from news release dated 1 November 2021 found at [https://ibaera.com/wp-content/uploads/2021/11/20211101\\_Rogozna-Maiden-Resource\\_Rev0ap.pdf](https://ibaera.com/wp-content/uploads/2021/11/20211101_Rogozna-Maiden-Resource_Rev0ap.pdf);

**Slide 9** – See Company’s press release dated 17 August 2022 for disclosure of trenching at the Brezani Target;

**Slide 12** – The Trepča production statistics taken from <https://portergeo.com.au/database/mineinfo.asp?mineid=mn1702>. Rock chip sample located at 456122.32,4791619.19 UTM Zone 34N, processed by ALS Bor, Serbia and analyzed by ALS Loughrea, Ireland using lab technique ME-MS41 with over assay by Zn-OG46 and Ag-OG46;

**Slide 13** – Rock chip samples of outcrop located at Ceovishte north taken by Terra Balcanica employees and previous operator Tethyan Resources. Samples processed by ALS Bor, Serbia and analyzed by ALS Rosia Montana, Alba, Romania using lab technique Au-AA23 (gold determination through fire assay and ICP-AAS of), Au values > 10 ppm re-assayed by Au-AA26 for Tethyan samples. Au-ICP21 also used in conjunction with Au-GRA21 being used for samples returning > 10 ppm Au for samples taken by Terra Balcanica, completed at ALS Loughrea, Ireland . Blanks used;

**Slide 16** – The August 2020 Rupice Deposit (Adriatic Metal’s Vareš Project), JORC-compliant indicated resources comprised 9.5 Mt at 580 g/t AgEq with metal grades of 176 g/t Ag, 1.6 g/t Au, 4.9% Zn, 3.1% Pb, 0.5% Cu, 0.2% Sb and 29% BaSO<sub>4</sub>. Metal prices used in AgEq are US\$2,500/t for Zn, US\$2,000/t for Pb, \$150/t for BaSO<sub>4</sub>, \$2,000/oz for Au, \$25/oz for Ag, \$6,500/t for Sb and \$6,500 for Cu. 90% recovery applied to all metals as per quoted recent and ongoing test work results. Information sourced at <https://www.adriaticmetals.com/downloads/corporate-presentations/dfs-webinar-presentation-final.pdf>;

**Slide 17** – The Tlamino Deposit owned by Medgold Resources Corp., Inferred Mineral Resource Estimate as defined by NI 43-101; Mr. Richard Siddle of Addison Mining Services, effective as of 13<sup>th</sup>, January 2020. Details at <https://medgoldresources.com/tlamino/#mineralresources>;

**Slide 26** – M&I: Measured and Indicated Resources. Mineral resource from each exploration company or miner were extracted from:

- Regency Silver: [https://regency-silver.com/site/assets/files/7630/dios\\_padre\\_technical\\_report\\_2023.pdf](https://regency-silver.com/site/assets/files/7630/dios_padre_technical_report_2023.pdf)
- Silver Mountain Resources Inc. AgEq calculated using “long-term” metal prices quoted in NI 43-101 associated with resource estimation: <https://agmr.ca/silver-mountain-files-ni-43-101-technical-report-for-previously-announced-mineral-resource-estimate-at-the-reliquias-mine/>
- Blackrock Silver Corp. AgEq of block diluted grades of inferred resource dated April 28, 2022: <https://blackrocksilver.com/tonopah/>
- Dolly Varden Silver Corp. Indicated resources - <https://dollyvardensilver.com/dolly-vardeen/>
- Vizsla Silver: [https://vizslasilvercorp.com/site/assets/files/7116/2022-03-01\\_vizsla\\_silver\\_panuco\\_mre\\_restate\\_final.pdf](https://vizslasilvercorp.com/site/assets/files/7116/2022-03-01_vizsla_silver_panuco_mre_restate_final.pdf)
- Outcrop Silver and Gold: <https://outcropsilverandgold.com/news/outcrop-silver-announces-high-grade-santa-ana-maiden-indicated-resource-estimate/>
- Abra Silver: <https://www.abrasilver.com/projects/diablillos/>



# Appendix II: Viogor-Zanik

# Drill Targeting Summary (2020-2021)

## The Viogor-Zanik Project target definition worklist (C\$1,800,000 prior to CSE listing)

All upfront geology work has been completed by private fundraising during 2020-2021 including:

- Lithological and alteration mapping, stream and litho-geochemical sampling (rock chip)
- ASTER, SENTINEL-2 & LANDSAT-8 remote sensing to identify favourable clay mineralogy
- Successful inversion of historical gravity and magnetic data;
- A 1,331-line km airborne magnetic  $\pm$  EM survey completed;
- A 1,650 sample 250 x 250 m grid soil survey (125 x 125 m infills);
- Project scale gamma ray spectrometry;
- Project scale structural mapping;
- A detailed 1:2,500 scale mapping of key areas of interest with rock chip sampling;
- Data synthesis and target definition;

## Two target zones have been drilled in 2022 and 2023 (3,500 m program)

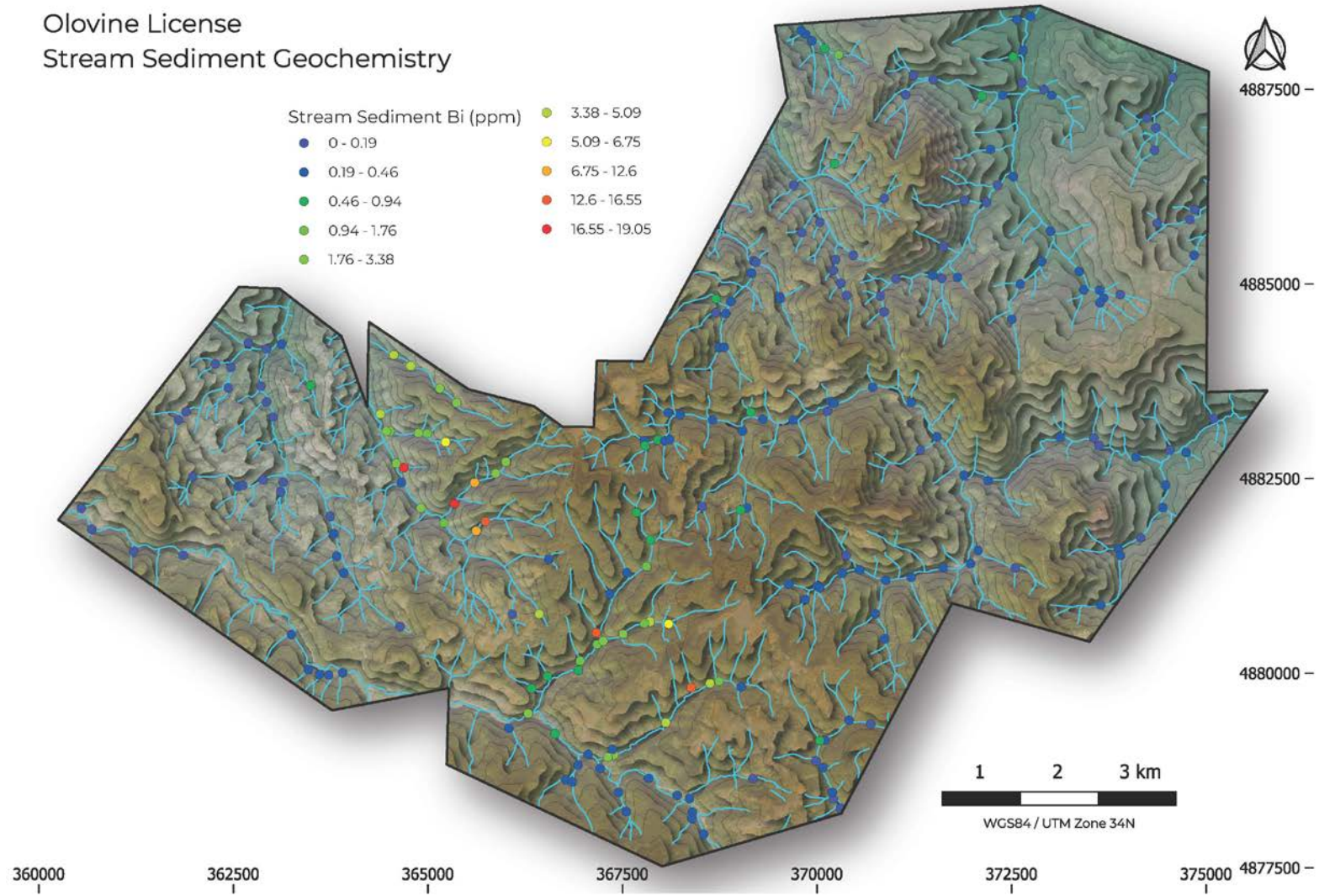


- ✓ Drill targets have been identified through analysis of the various geological data layers
- ✓ These have been ground-verified and ranked by empirical targeting where appropriate (weights of evidence)



# Stream Sediment Survey

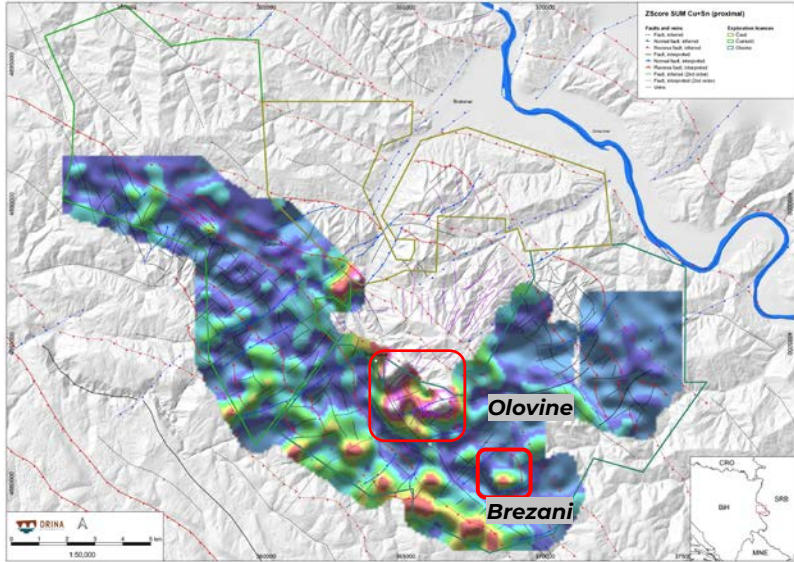
## Olovine License Stream Sediment Geochemistry





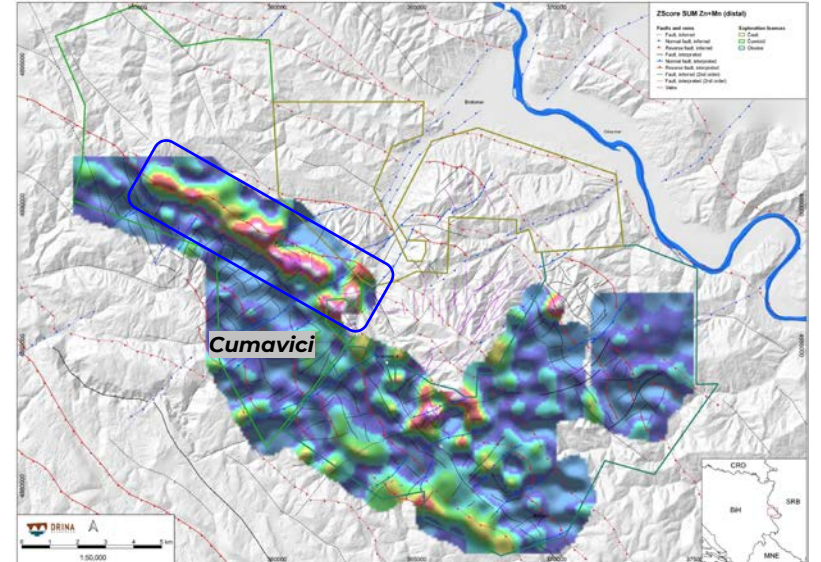
# Soil Survey

## Cu+Sn (higher-T proximal porphyry association)

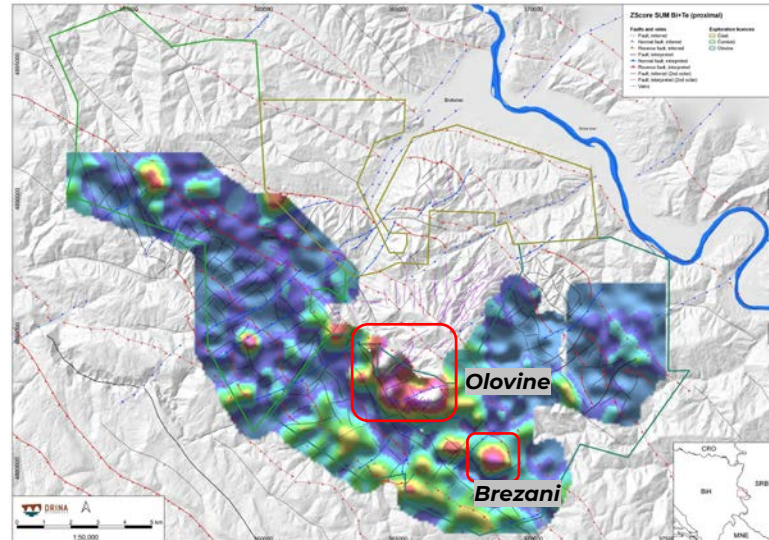


- 1,650 soil samples taken on a 250 x 250m grid over 133 km<sup>2</sup> with 125 m-infill surveys over key anomalies;
- Path-finder elements confirm a zoned mineralized system with a proximal, high-temp. elemental association indicative of porphyry deposits transitioning to an epithermal system NE.

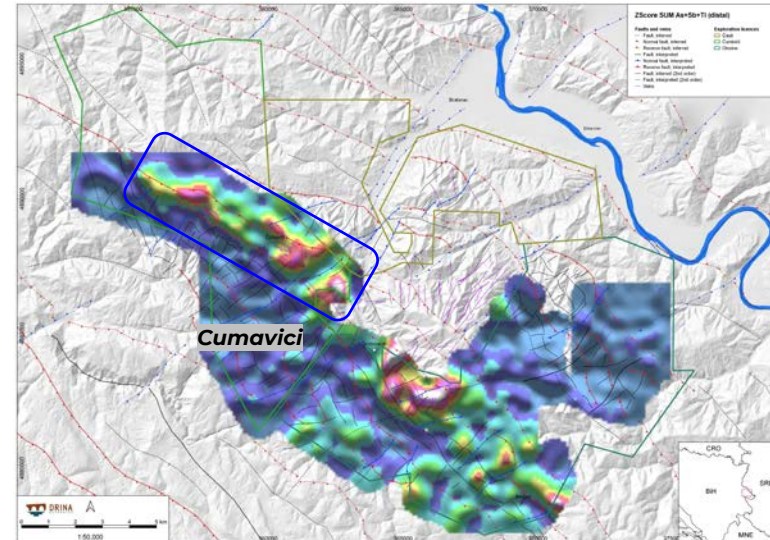
## Mn+Zn (distal porphyry/shallow epithermal association)



## Te+Bi (higher-T proximal porphyry association)

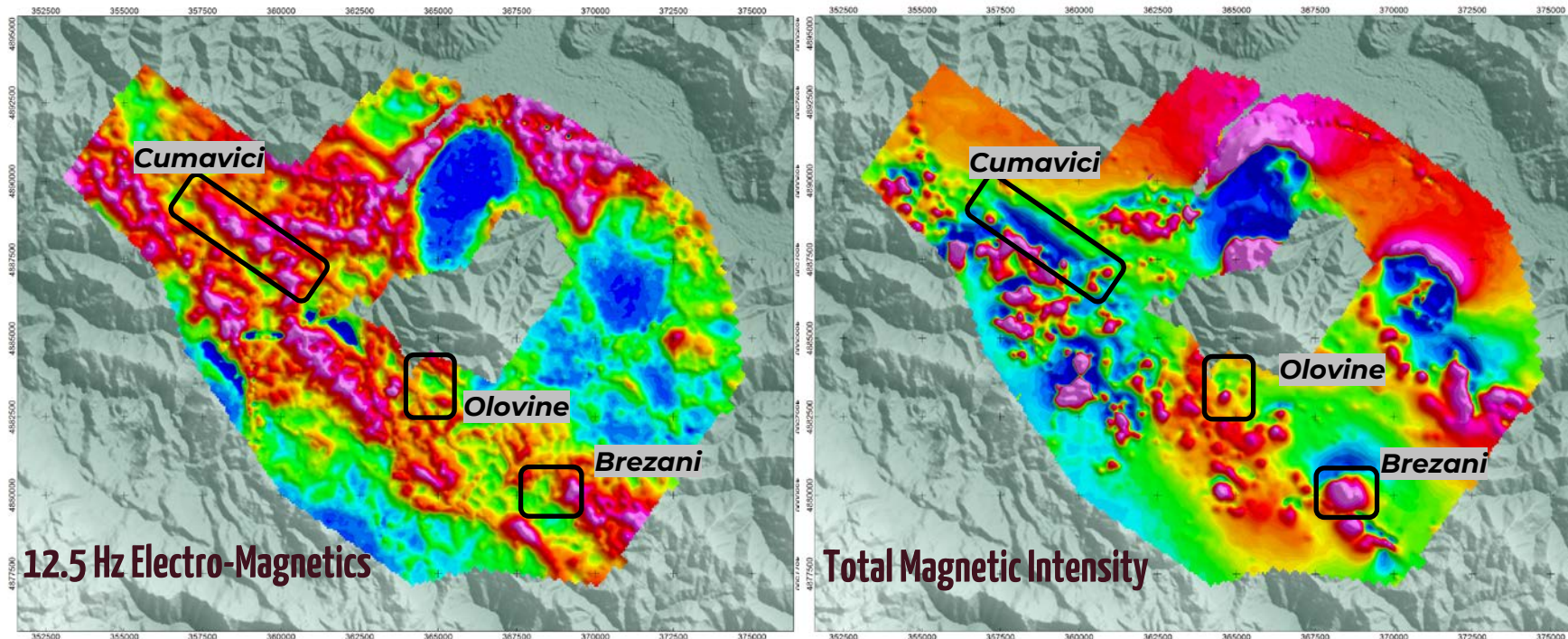


## Tl+As+Sb (distal porphyry/shallow epithermal association)

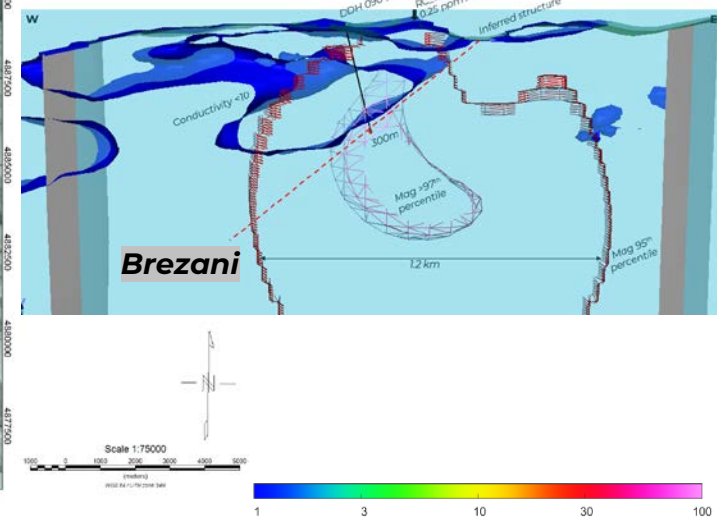




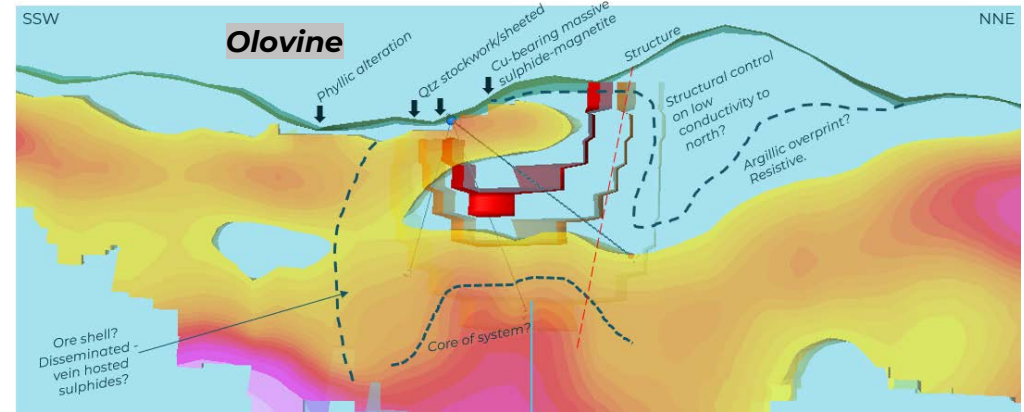
# Viogor-Zanik Airborne Geophysical Survey



Granodiorite with a resistive, structurally controlled feature shouldering a 1.2 km wide super high mag anomaly. Resistive ground below known Au-Ag occurrence extends to depth along the hanging wall

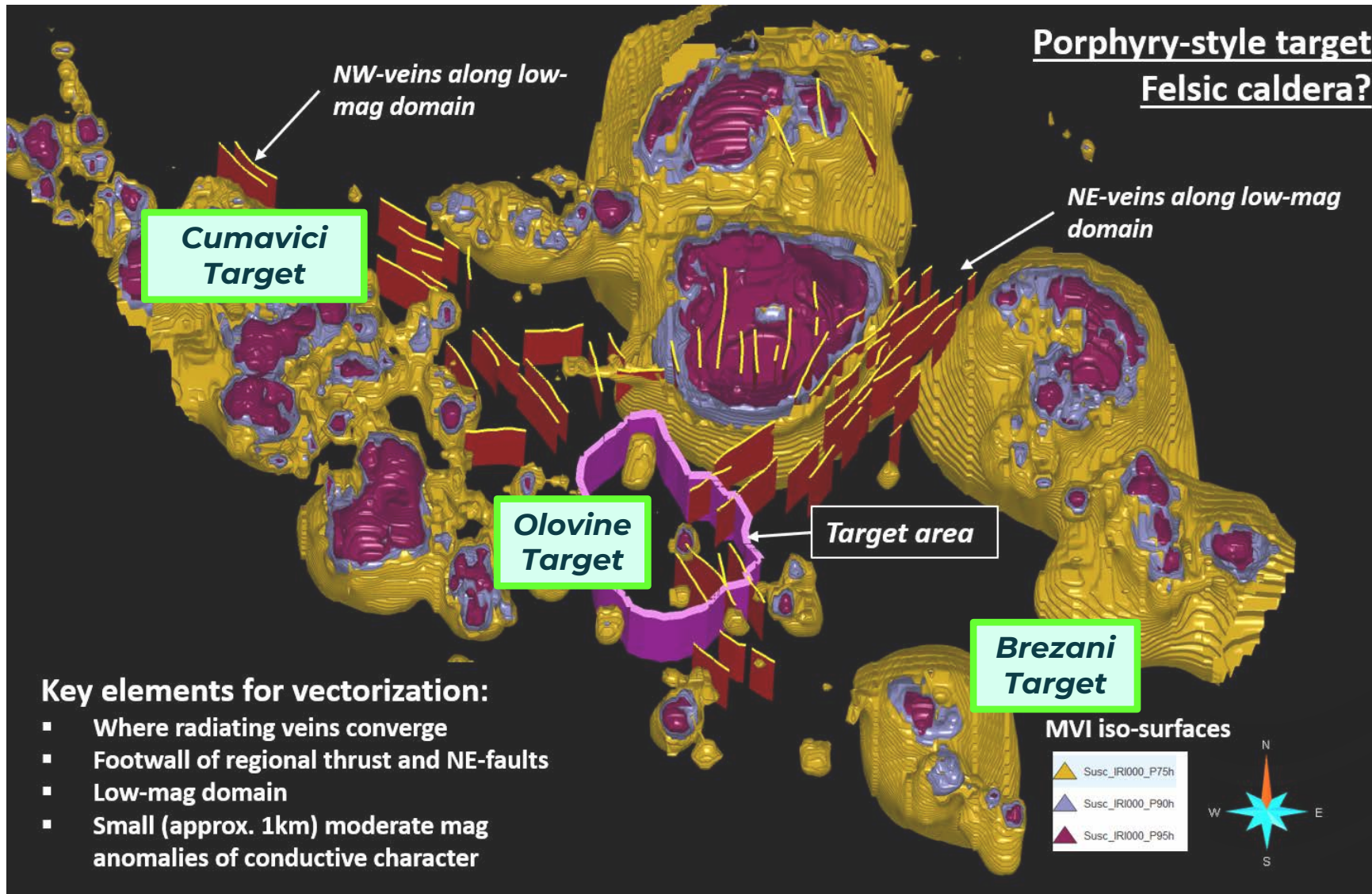


- 1,350 km at 300m spacing with 150m infill @ 120m elevation conducted in May 2020;
- Corroborated the geochemical findings by identifying 3 prospective drill target zones;
- Multiple targets with overlapping magnetic highs and conductive/resistive zones.





# Integrated Structural Analysis



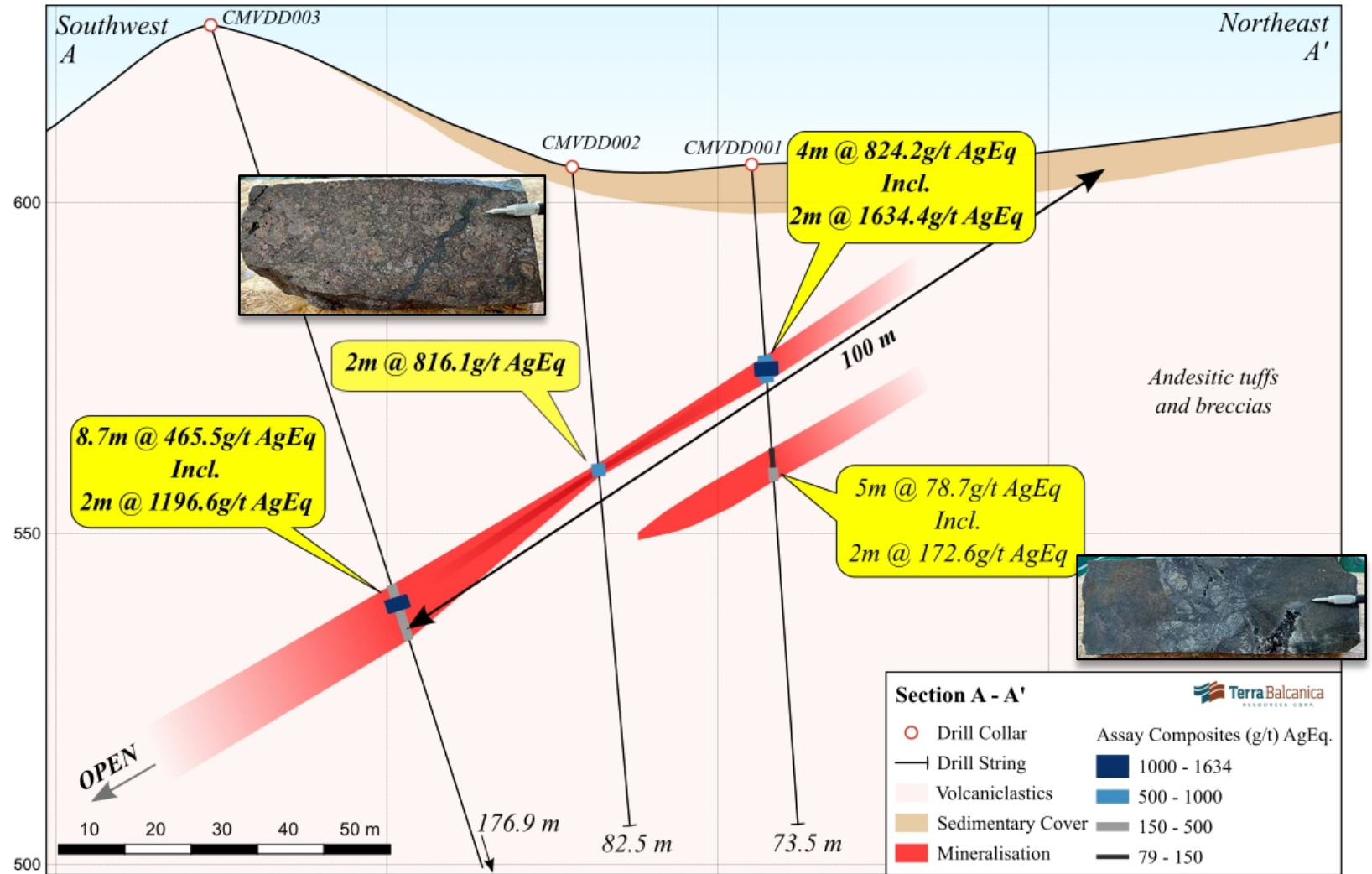
# 2022 Cumavici Discovery Drillholes

The 2022 maiden drilling intercepted a **silver-rich, polymetallic epithermal vein** 3 consecutive times down dip:

- **CMVDD001** intercepted **824.2 g/t AgEq. over 4.0 m** from 29 m of depth, including 1,634.4 g/t AgEq. over 2.0 meters;
- **CMVDD003**, an 83-meter step-out intercepted **465.5 g/t AgEq. over 8.7 m**, including 1196.6 g/t AgEq. over 2.0 meters;

Subsequently,

- **CMVDD005** stepped out more than 50 m along strike to NW intercepted **284g/t AgEq. over 10 meters**;
- **CMVDD004** **60 m northeast of CMVDD005**, intersected **505.3 g/t AgEq. over 11 m**;





# Appendix III: Western Balkans

# Western Tethyan: Tier 1 Porphyry & Epithermal Belt



The W. Tethyan Metallogenic Belt features clusters of world-class deposits:

- **Čukaru Peki\*** (Serbia) - 1.7 Bt inferred resource grading 0.86% Cu and 0.18 g/t Au with 9.6 Moz Au (total contained metal) epithermal-porphyry deposit;
- **Kışladag\*** (Turkey) – Europe’s richest Au porphyry with a total proven mineral reserve of 4.0 Moz Au and a total production of 200,000 oz Au in 2020;
- **Surdulica\*** (Serbia) - Europe’s biggest Mo porphyry (22Mt @ 0.05% Mo M&I; 125 Mt @ 0.05% inferred);
- **Rosia Montana\*** (Romania) - Europe’s largest undeveloped Au-Ag deposit with M&I resources of 513 Mt at 1.04 g/t Au and 5 g/t Ag;
- **Skouries\*** (Greece) – Cu-Au porphyry with M&I resources of 240Mt grading 0.65 g/t Au and 0.47% Cu including 1Mt of total contained Cu.

\* See Appendix for further details on production, grades, reserves, and resources

## Porphyry Cu-Au

- 100-500 Mt
- 500-1,000 Mt
- >1Bt of ore

## Other Au

- 1-3 Moz
- 3-10 Moz
- >10 Moz

Upper Cretaceous Belt

Oligo-Miocene Belt



# Favourable Jurisdictions

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- Southeastern European countries (EU member candidates) with extensive access to infrastructure (rail connections linking smelters with seaborne markets);
- **A winning combination:**
  - millennia of mining history
  - world-class geology
  - highly skilled workforce
  - established mining codes
  - clear permitting processes
- Host of Tier-1 deposits, attracting significant investment from the majors such as Rio Tinto, Vale, Dundee Precious Metals, and Zijin Mining;



## BOSNIA AND HERZEGOVINA

- Supportive local governments;
- Clear and concise mining code (exploration license term: **3+3+2 years**);
- 10% corporate tax and favorable royalty regime;



## SERBIA

- Governmental engagement with local and intl. stakeholders;
- New mining law enacted in December of 2015 (exploration license term: **3+3+2 years**);
- 15% corporate tax; 5% Net Smelter Return;
- 100% foreign ownership and repatriation of profits

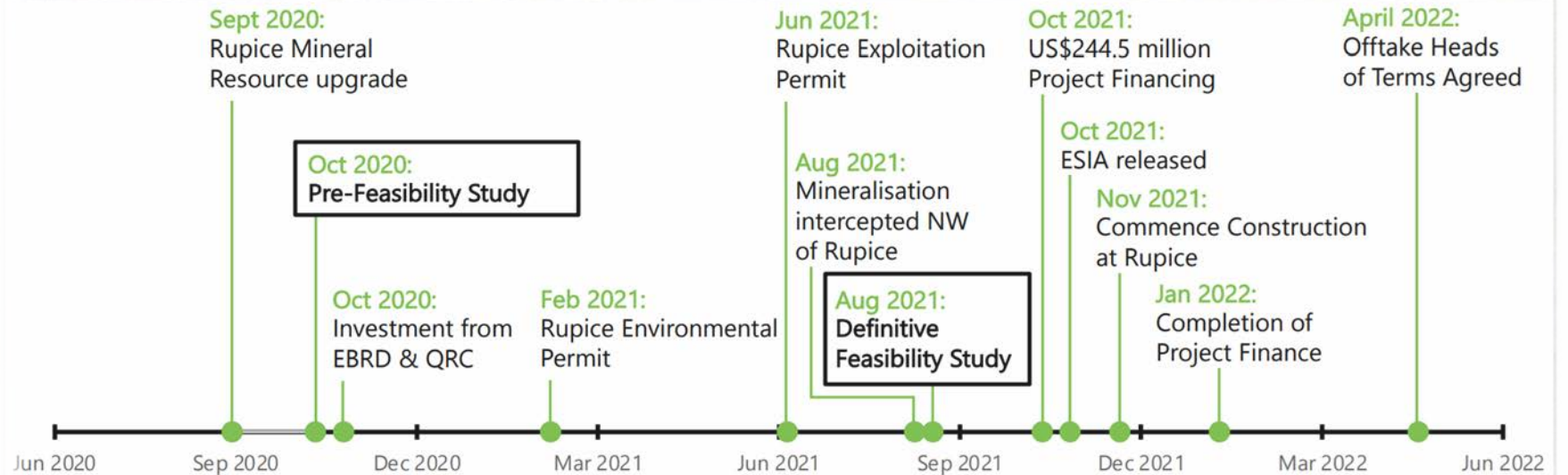
# Bosnian Case Study: Adriatic Metals plc.

- Adriatic Metals plc. is a positive case study on the rapid project development timelines in Bosnia & Herzegovina;
- It took only 4.5 years from initial company listing and exploration through permitting and now construction of a mine to extract a **9.5 Mt @ 580 g/t silver eq. resource\***;

**Bosnia is open for mining & largely underexplored**

## Rapid rate of project development

Summary of Vares Project achievements over past 24 months



FROM DISCOVERY TO COMMENCING CONSTRUCTION IN 4.5 YEARS

L ASX:ADT | L LSE:ADT1 | OTCQX:ADMLE | adriaticmetals.com |

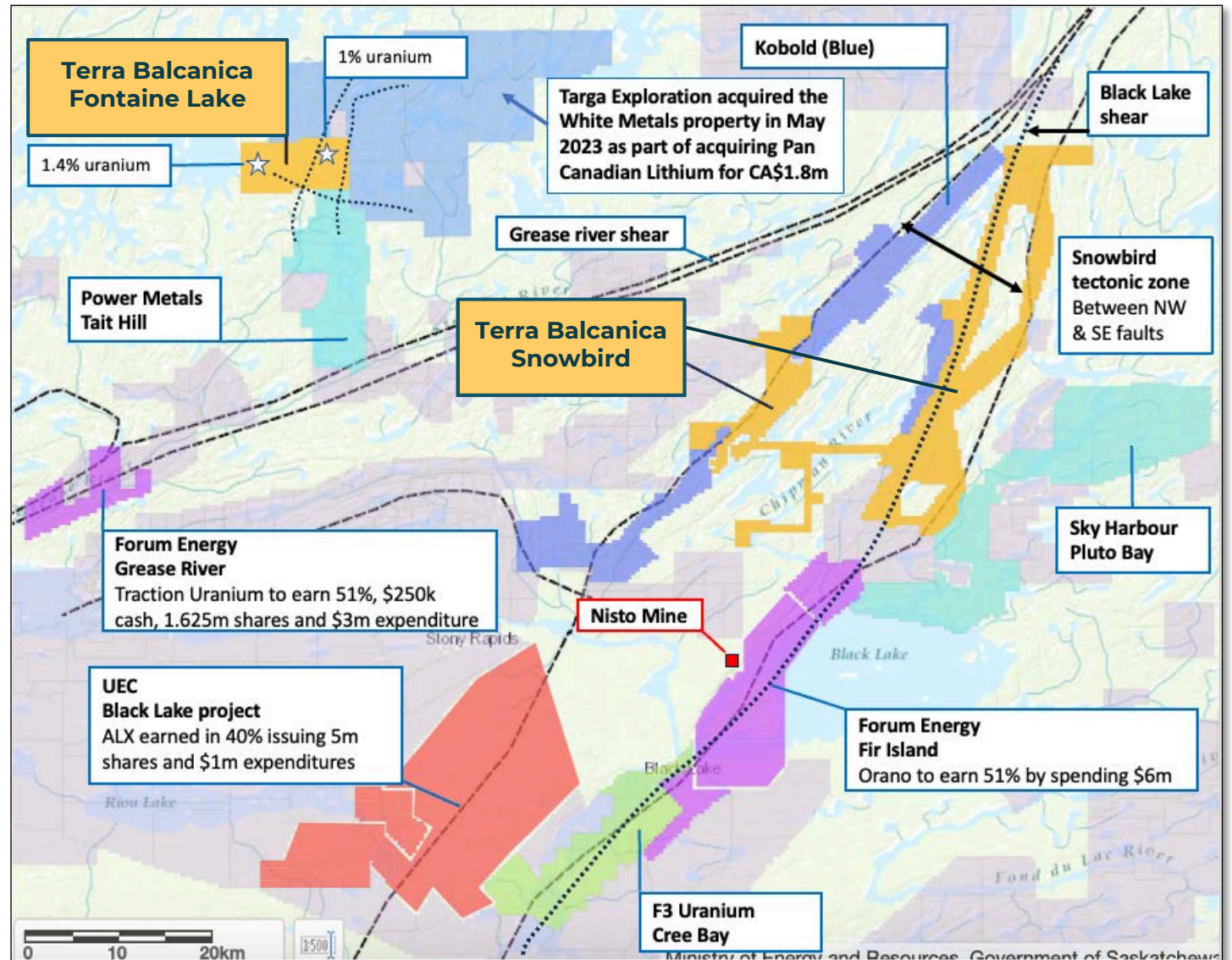
Adriatic Metals | Europe's new source of strategic metals | 26



# Appendix IV: Uranium Portfolio

# Fontaine & Snowbird: Highlights

- **Location:** straddles the **Grease River Shear Zone** and sub faults as well as the **Snowbird Tectonic Zone**;
- Minimal program completed at Fontaine Lake in 2008 with further work recommended (CanAlaska Uranium);
- The **Black Lake Shear Zone** can be traced for **200 km** across the Athabasca Basin and is associated with Cameco's **Centennial deposit (up to 33.9 m @ avg. 8.78% U<sub>3</sub>O<sub>8</sub>)**;
- Cora and Legs Lake Shear Zones have **multiple airborne U anomalies not followed up on trend** with several projects to the south;
- Haymac Mines restarted mining at Nisto in 1958 and shipped **500 tons of high-graded** ore to Uranium City with one shipment of **106 tons grading 1.6% U<sub>3</sub>O<sub>8</sub>**.



# A New Paradigm

## Beaverlodge Style

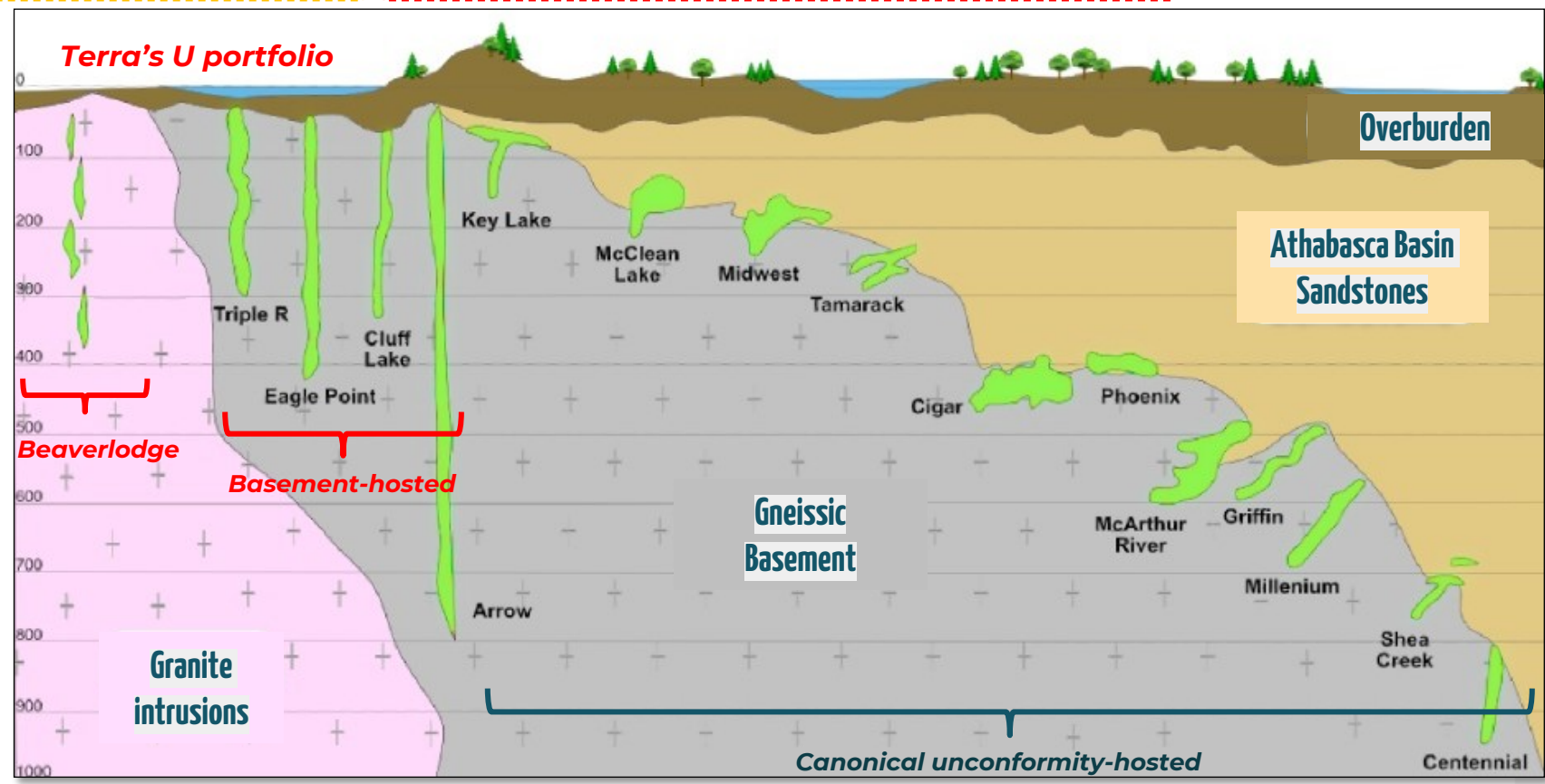
- Vein-hosted, near-surface
- Granitic host
- Magnetic and radiometric anomalies, conductive corridors

## Basement-Hosted

- Structurally-controlled w. high-grade mineralization in crystalline basement
- Metamorphic basement hosted
- Recent discoveries by Nexgen, Fission

## Unconformity Hosted

- High-grade deposits
- Primary source
- Production challenges with ISR technology as a possible solution





# Athabasca Staking Rush

Aggressive staking by: **Atha Energy, Skyharbour Resources, Standard Uranium, Canalaska Uranium, Purepoint Uranium Group, ISO Energy and Eagle Plains Resources.**

## Adjacent to Charlot-Neeley

- **Aero Energy Ltd.** active along the Black Bay fault with Charlot Neeley on trend;
- **Standard Uranium' Sun Dog Project** currently under option with Aero Energy;
  - Sun Dog hosts the historical Gunnar Mine (18M lbs of  $U_3O_8$  with surface showings up to 12.39%  $U_3O_8$ );
  - 40 km favourable strike length and up to > 65,535 cps identified at surface near the unconformity;
  - V-TEM results modelled to develop targets for the 2024 drill program.

## Adjacent to Fontaine Lake

- **Forum Energy Metals** and **Traction Uranium** completed airborne geophysics along the Grease River Shear Zone;
- **Fortune Bay Corp.** are following up on identical lithology and earlier work by **Canalaska Uranium** that returned anomalous results in lake sediments.

## Adjacent to Snowbird

- 20 miles on-trend from historic **Nisto Mine** which produced 96 tonnes of ore @ 1.30%  $U_3O_8$  in the 1950s;
- **Snow Lake Resources** optioned a large area immediately to the east and announced it has acquired the **Black Lake Uranium Project** comprising 18,908 ha located NE of Black Lake. The Project consists of the Higginson Lake, Charlebois Lake, Fisher Hayes and Spreckley Lake properties, each of which hosts historic uranium mineralizations;
- **ALX Resources** completed the 2024 winter drilling program at its **Gibbons Creek Uranium Project**, 20 km south and on-trend of the Cora Lake Shear Zone.
  - 5 holes totaling 850 m completed with 4 intersecting U at or near the unconformity 500 m apart; peak radioactivity of up to 8,662 cps @ 107.87 m;
- **Inspiration Energy** optioned land that straddles the edge of Athabasca Basin east of Snow Lake where **Orano Canada Inc.** staked 2,023 km<sup>2</sup> up to 50 km outside of the basin. They entered into an option agreement with **Atha Energy Corp.** to acquire a 70% interest in the **Plateau and Ledge** properties;
  - Ledge property: NE edge of the Athabasca Basin; 7 claims totaling 38.8 km<sup>2</sup>. Major structures include Tabbernor Faults, MacKenzie diabase dykes and potential extension of the Cable Bay Shear Zone.

## Adjacent to Pendleton South

- **Tisdale Clean Energy Corp.** completed a drill program 10 km north at its **South Falcon East Uranium Project**;
  - Phase 1 included two drill holes for a total 442 m drilled. Mineralization occurs within pelitic gneiss with pegmatites overlying graphitic gneisses;
  - Highlights include 0.02% e $U_3O_8$  over 5.6 m, 0.07% e  $U_3O_8$  over 1.1 m including 0.2 m @ 0.11% e  $U_3O_8$  and 0.02% e  $U_3O_8$  over 1.3 m and 0.05% e  $U_3O_8$  over 0.1 m;
- **Baselode Energy** is currently drilling the **Bear Project**, to the north and outside of the basin. They hold the **Hook ACKIO** uranium discovery with surface showings of up to 44.5%  $U_3O_8$ , and drill intercepts of 0.41% over 35 m and 1.67%  $U_3O_8$  over 7.5 m. Ambient Noise Tomography survey was previously deployed about 30 km to NNE from Pendleton South with 10,000 m drilling planned for 2024
  - **Bear Project:** 1,500 m drill program targeting 3 areas with 6 to 8 holes;
  - **Catharsis Project:** A total of 11 holes totaling 2,837 m were drilled;
  - **Hook Project:** An Ambient Noise Tomography (ANT) survey in progress;
- **Atha Energy Corp.** announced the 2024 exploration plans for the **Gemini Project** 35 km NNE and 31 km NE of the **Key Lake Mine**, and adjacent to Baselode's ACKIO Project.
  - Drill results up to 9.7%  $U_3O_8$  and a discovery hole with 5.5 m @ 0.12%  $U_3O_8$ . Phase I: Geophysics including ground gravity surveying followed by Ambient Noise Tomography. Phase II: Data compilation, machine learning and enhanced target selection. Phase III: Diamond drilling commencing Q3 2024 comprising 8,000 m of drilling, a GMZ expansion with 4,000 m of drilling and a GMZ Trend exploration with 4,000 m of drilling.