



AURANIA

RESOURCES LTD.

Exploring Mineral Systems in Ecuador and France

July 2024

TSX-V: ARU

OTCQB: AUIAF

FRANKFURT: 20Q

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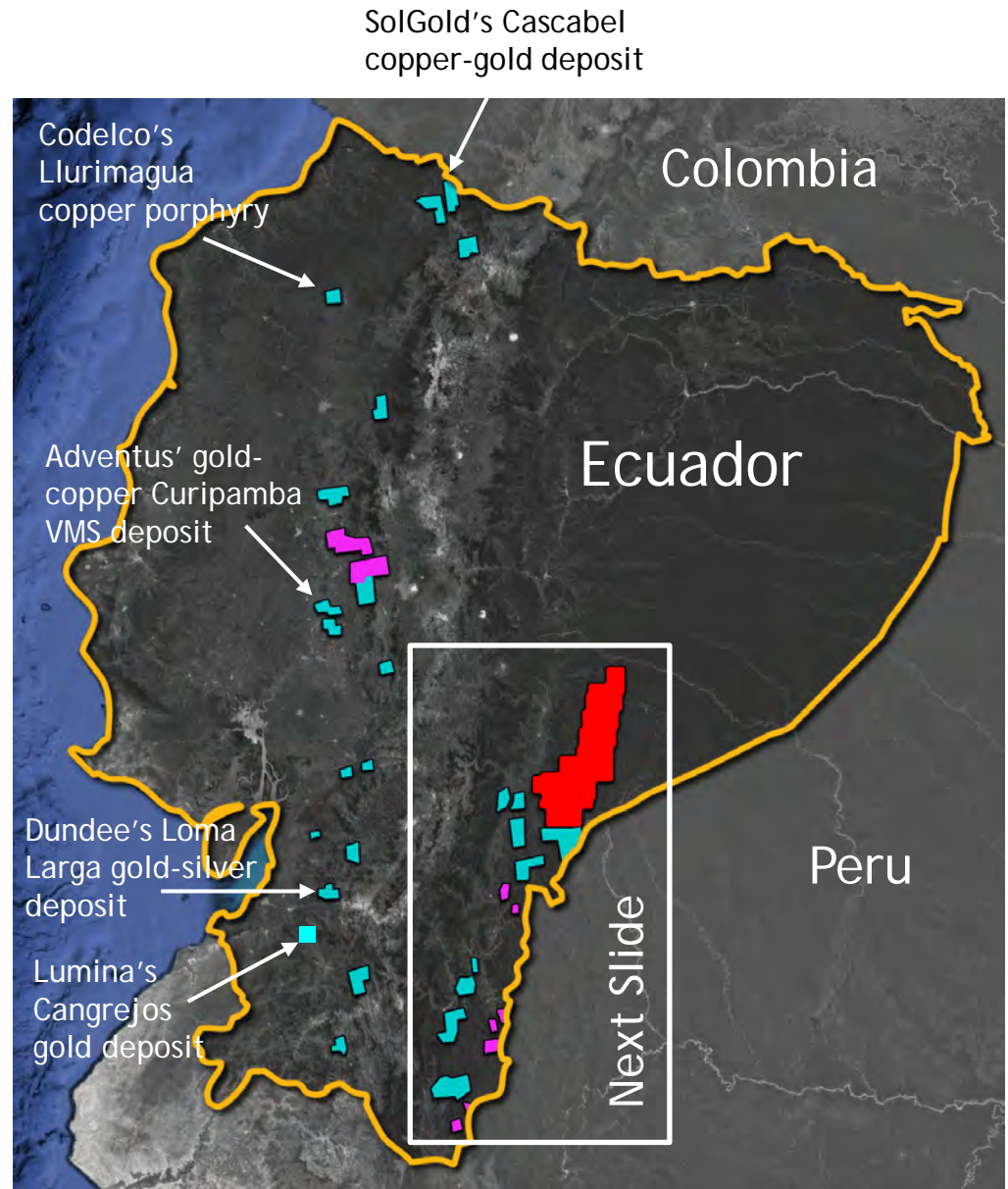
This presentation contains or incorporates by reference “forward-looking statements” and “forward-looking information” (collectively, “forward-looking statements”) within the meaning of applicable Canadian securities legislation and applicable U.S. securities laws concerning the Company’s plans for its properties, operations and other matters. Except for statements of historical fact relating to the Company, certain statements contained herein or incorporated by reference constitute forward-looking statements including, but not limited to, statements regarding the projections contained in the Company’s Technical Report (as defined below), financing sources available to continue to explore the Company’s Lost Cities – Cutucú Project, the future financial or operating performance of the Company and its properties and projects, the supply and demand for metals, government regulation of mining operations, political uncertainties, the ability of the Company to obtain all government approvals, permits and third party consents in connection with the Company’s exploration, development and operating activities, accidents and labour disputes, future anticipated and current exploration programs and expenditures, exploration results, the potential discovery and delineation of mineral deposits/resources/reserves, proposed business plans, the potential impact of COVID-19 on the Company, anticipated business trends and metal prices, and may relate to analyses and other information that are based on forecasts of future results, general business and economic conditions, estimates of amounts not yet determinable and assumptions of management. Any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions or future events or performance (often, but not always, using words or phrases such as “expects” or “does not expect”, “is expected”, “anticipates” or “does not anticipate”, “plans”, “estimates”, “believes”, “proposed”, “intends” or “does not intend”, or stating that certain actions, events or results “may”, “could”, “would”, “might” or “will” be, or not be, taken, occur or be or not be achieved) are not statements of fact and may be forward-looking statements.

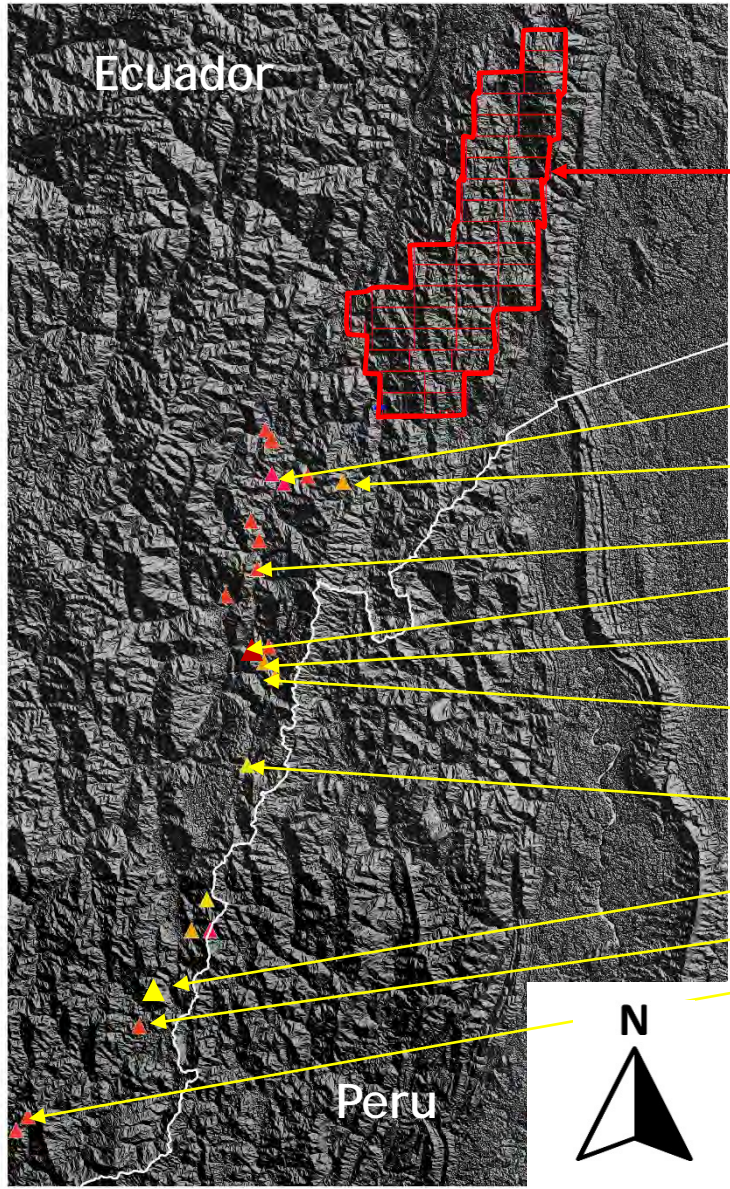
Forward-looking statements are subject to a variety of risks and uncertainties, many of which are beyond the Company’s control, which could cause actual events or results to differ materially and adversely from those reflected in the forward-looking statements. These risks are described or referred to under the heading “Risk Factors” in the annual information form of the Company dated May 2, 2024 for the year ended December 31, 2023 and under the heading “Risk and Uncertainties” in the management’s discussion and analysis of consolidated results of operations and financial condition dated April 25, 2024 for the year ended December 31, 2023. Should one or more of the risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially and adversely from those described in the forward-looking statements. Forward-looking statements are made based on management’s beliefs, estimates, assumptions and opinions on the date the statements are made and, other than as required by applicable law, the Company undertakes no obligation to update the forward-looking statements if these beliefs, estimates, assumptions and opinions or other circumstances should change. Investors are cautioned against attributing undue certainty or weight to forward-looking statements.

Readers are also cautioned that the assumptions used in the preparation of such information, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements. The Company’s actual results, programs and financial position could differ materially from those expressed in or implied by these forward-looking statements, and accordingly, no assurance can be given that the events anticipated by the forward-looking statements will transpire or occur, or that, if any of them do so, what benefits the Company will derive therefrom.

The technical information contained in this presentation has been verified and approved by Aurania’s VP Exploration, Jean Paul Pallier, a designated EurGeol by the European Federation of Geologists and “Qualified Person” for the purpose of National Instrument 43-101, Standards of Disclosure for Mineral Projects of the Canadian Securities Administrators.

Mining-friendly
government in place





Aurania's concession block is 207,764Ha

San Carlos-Panantza (Tongling-CRCC)

Warintza (Solaris)

Tarqui (Lumina-BHP)

Gamora (Lundin Gold)

Mirador Norte (Tongling - CRCC)

Mirador (Tongling - CRCC) - copper - in production

Fruta del Norte (Lundin Gold) - gold - in production

Jackpot (Lundin Gold)


Cascas (Luminex)

Porvenir (SolGold)

 Aurania's concession block

Deposits

 Gold

 Gold-Copper

 Copper

 Copper-Moly

Advanced exploration has led to the identification of multiple targets for gold, copper & silver in Aurania's Lost Cities - Cutucu Project



Gold

- KuriYawi - Latorre C
- Kuripan
- Tatasham

Epithermal Systems



Copper

- Awacha
- Tatasham

Porphyry



Silver-Zinc

- Tiria-Shimpia target

Silver-Zinc Systems



Copper-Silver

- Kirus-Tsenken target

Sediment-Hosted Cu-Ag

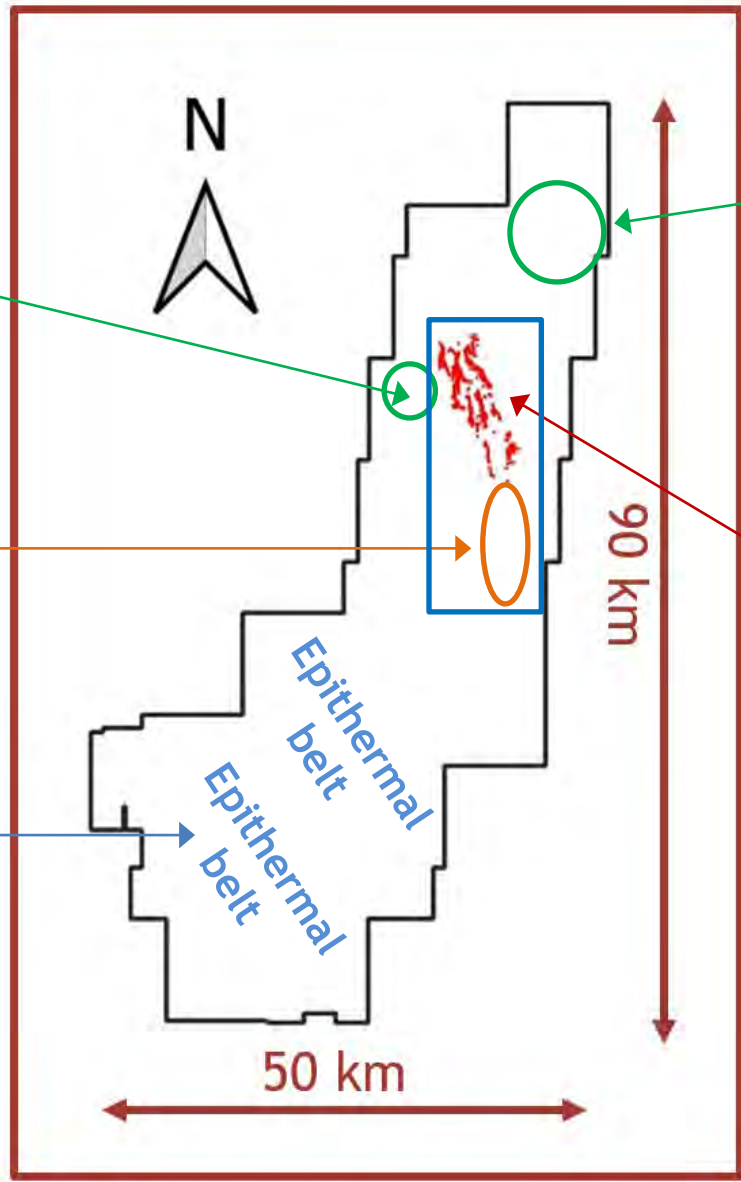
Mineralized Systems & Targets in Ecuador

Aurania's large property is 207,764Ha (~0.5M acres)

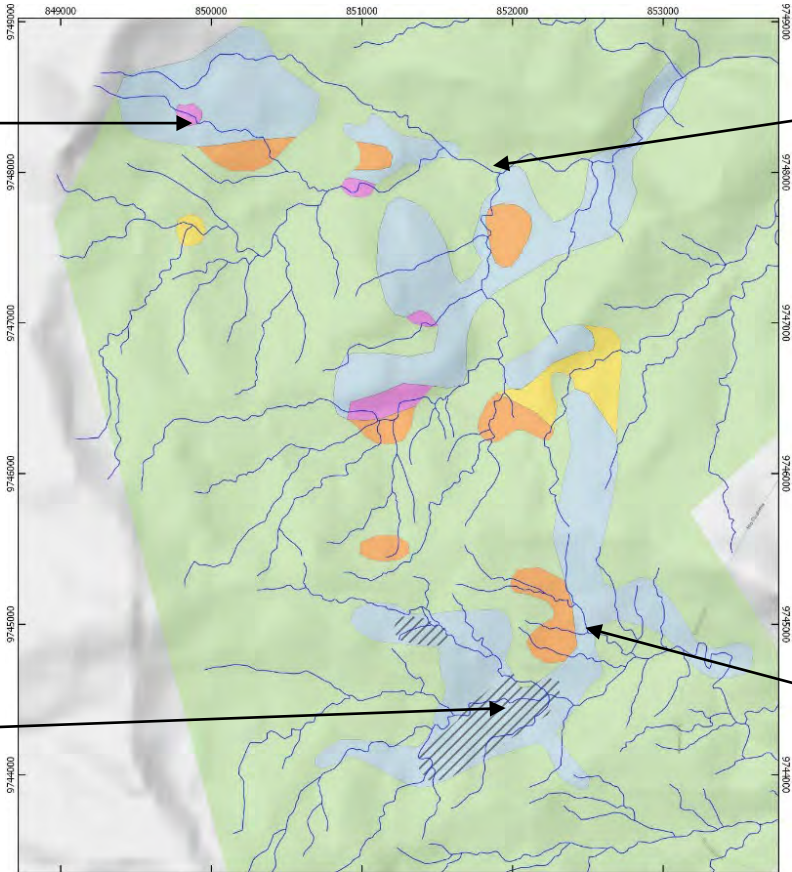
Tatasham
Porphyry - Epithermal

Tsenken N1
Sediment-hosted
copper-silver

Kuri-Yawi
Kuripan
Latorre C
Epithermal Gold-silver



Typical alteration of the upper part of Porphyry system reported by Terraspec study



Example of Porphyritic diorite with plagioclase and hornblende phenocrysts



Example of monzonite intrusive



Example of QSP alteration



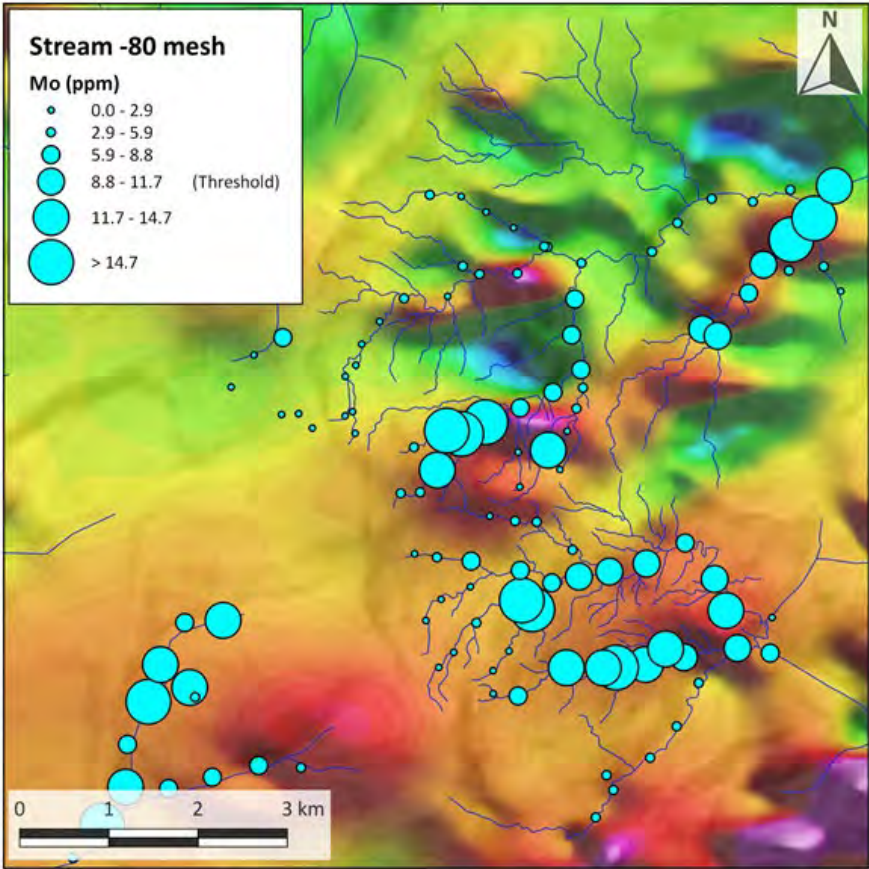
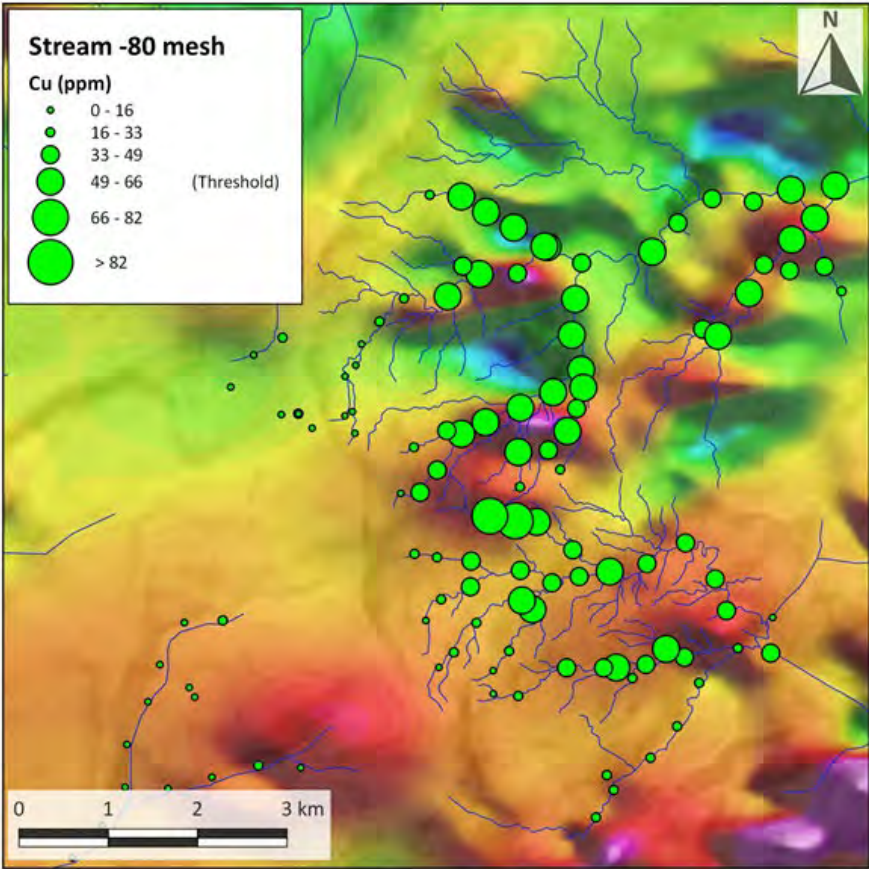
Example of Quartz vein with central median of pyrite and chalcopyrite

Alteration interpretation

- Advanced Argillic
- Kaolin
- Propylithic
- QSP
- Phyllic
- Potassic

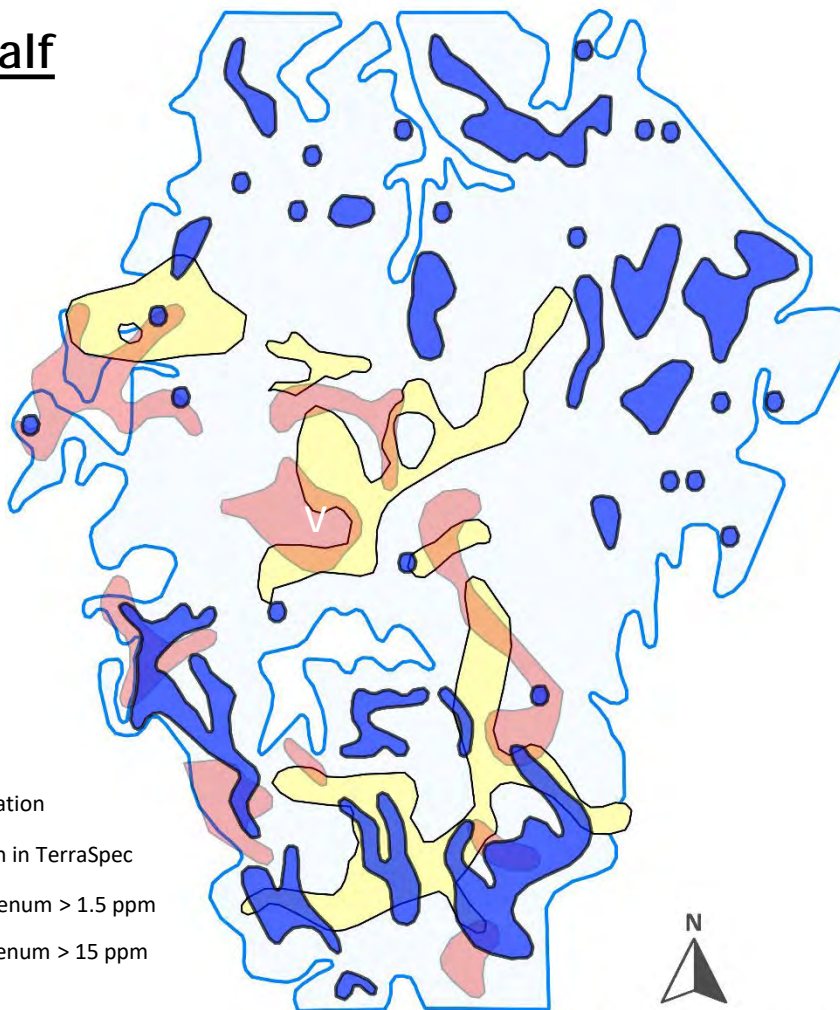
Datum PSAD56 Zne 17S

Magnetic anomalies cluster of highlighted by stream Cu, Mo, As and Bi anomalies



Awacha target (Cutucu Project)

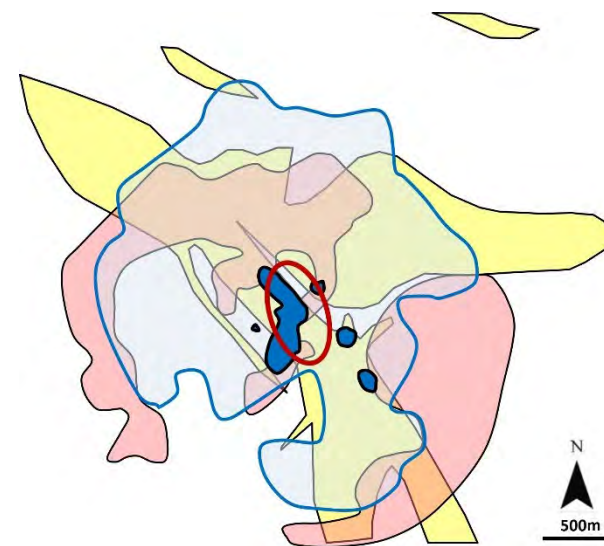
South half only



Legend

- Phyllic alteration
- Fe-oxide rich in TerraSpec
- Soil molybdenum > 1.5 ppm
- Soil molybdenum > 15 ppm

Alpala target (Cascabel Project)



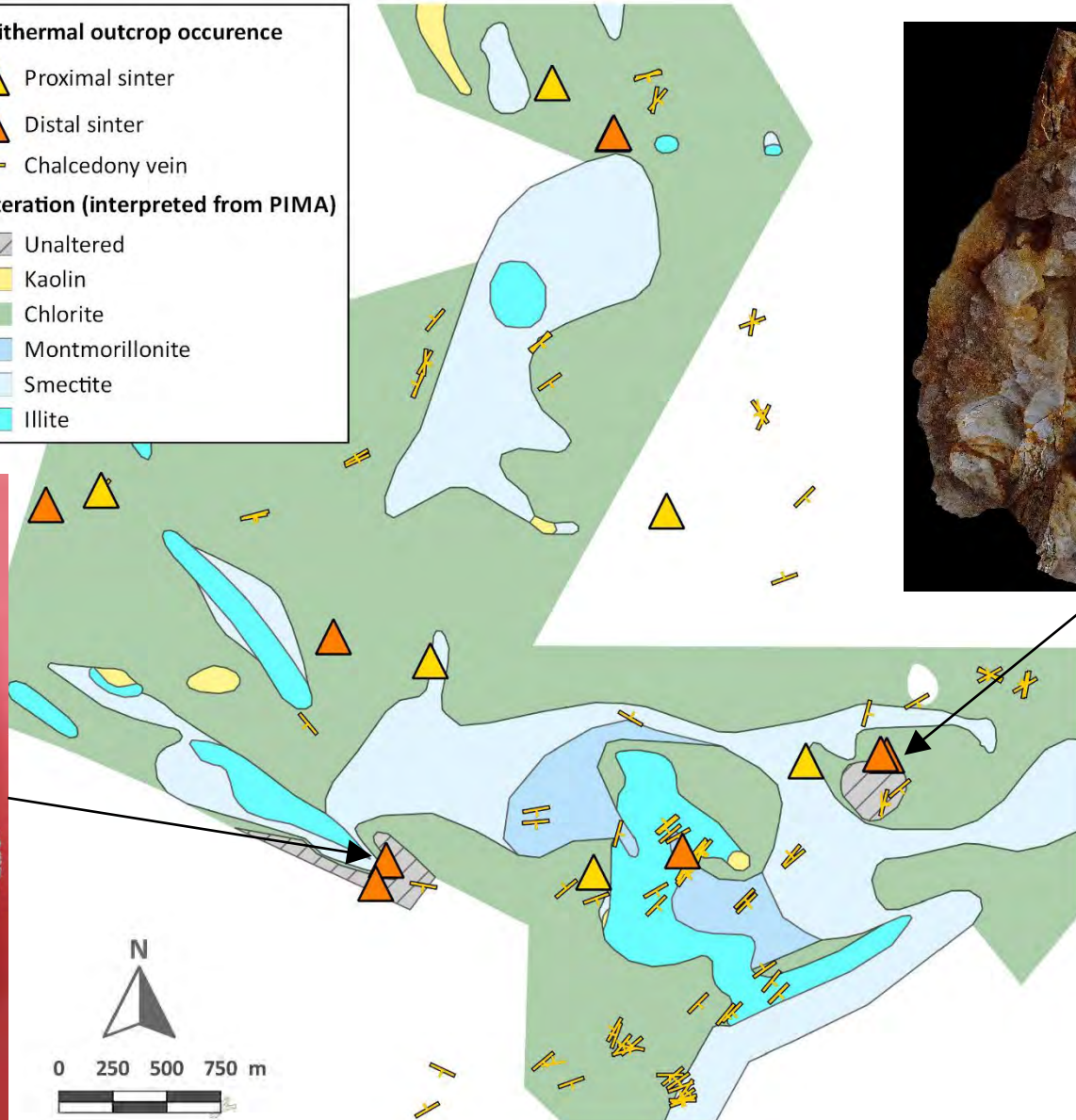
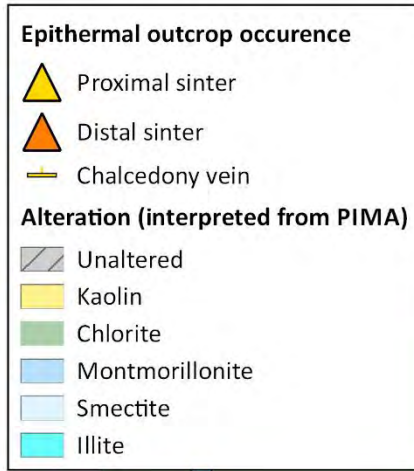
Legend

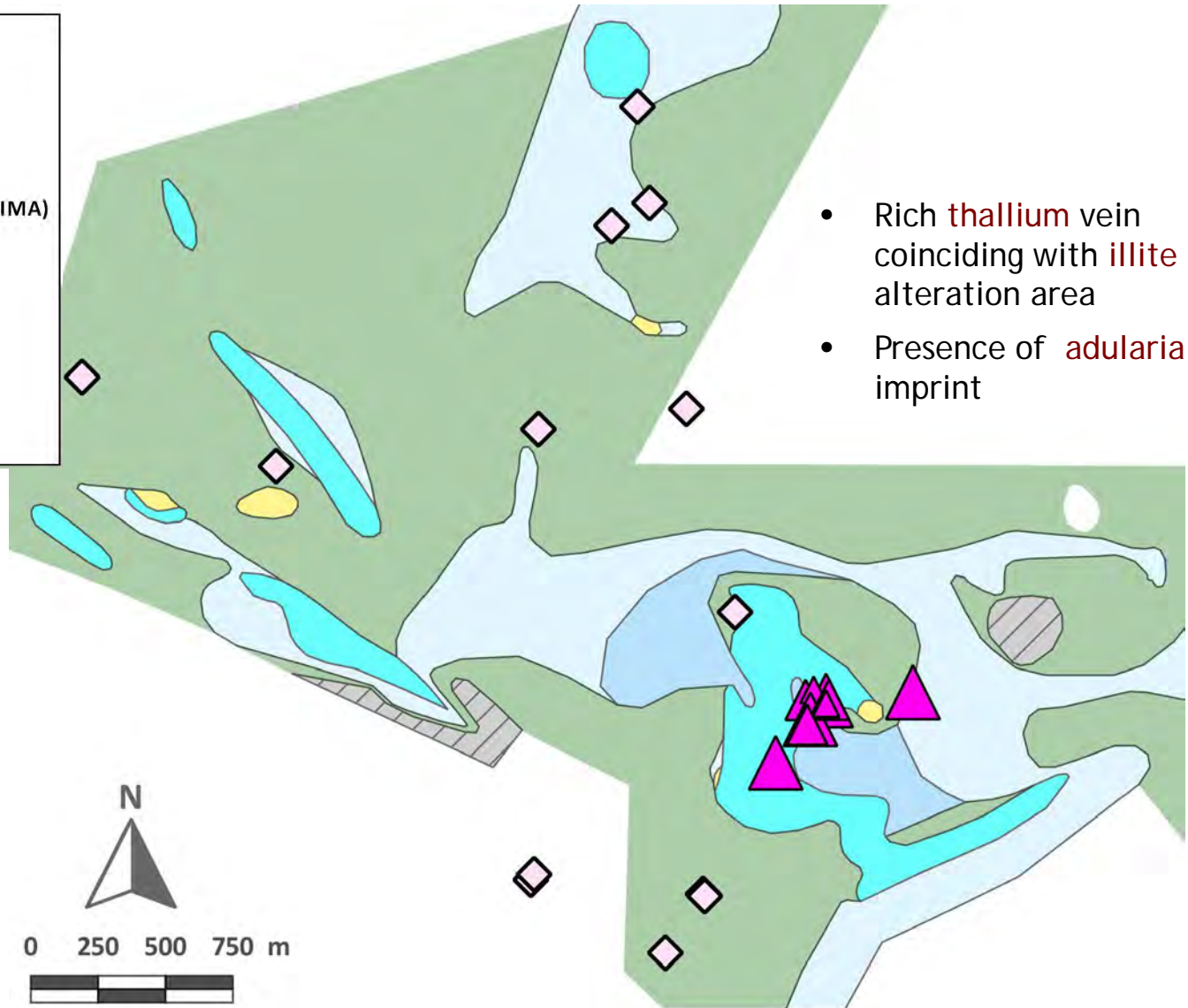
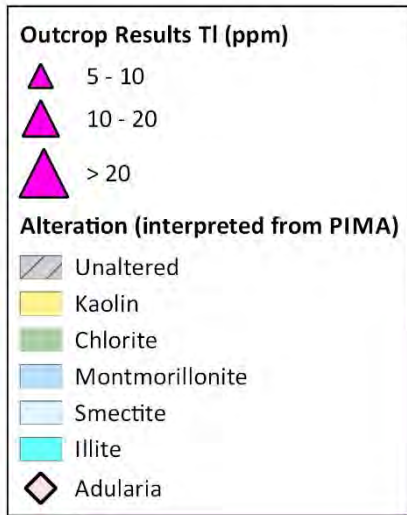
- Argillic / sericitic alteration
- Fe-oxide rich in TerraSpec
- Soil molybdenum > 1.5 ppm
- Soil molybdenum > 5 ppm
- Early focus of drilling

Modified from Steve Garwin (2022)

Kuri-Yawi: Evidence of an Epithermal System

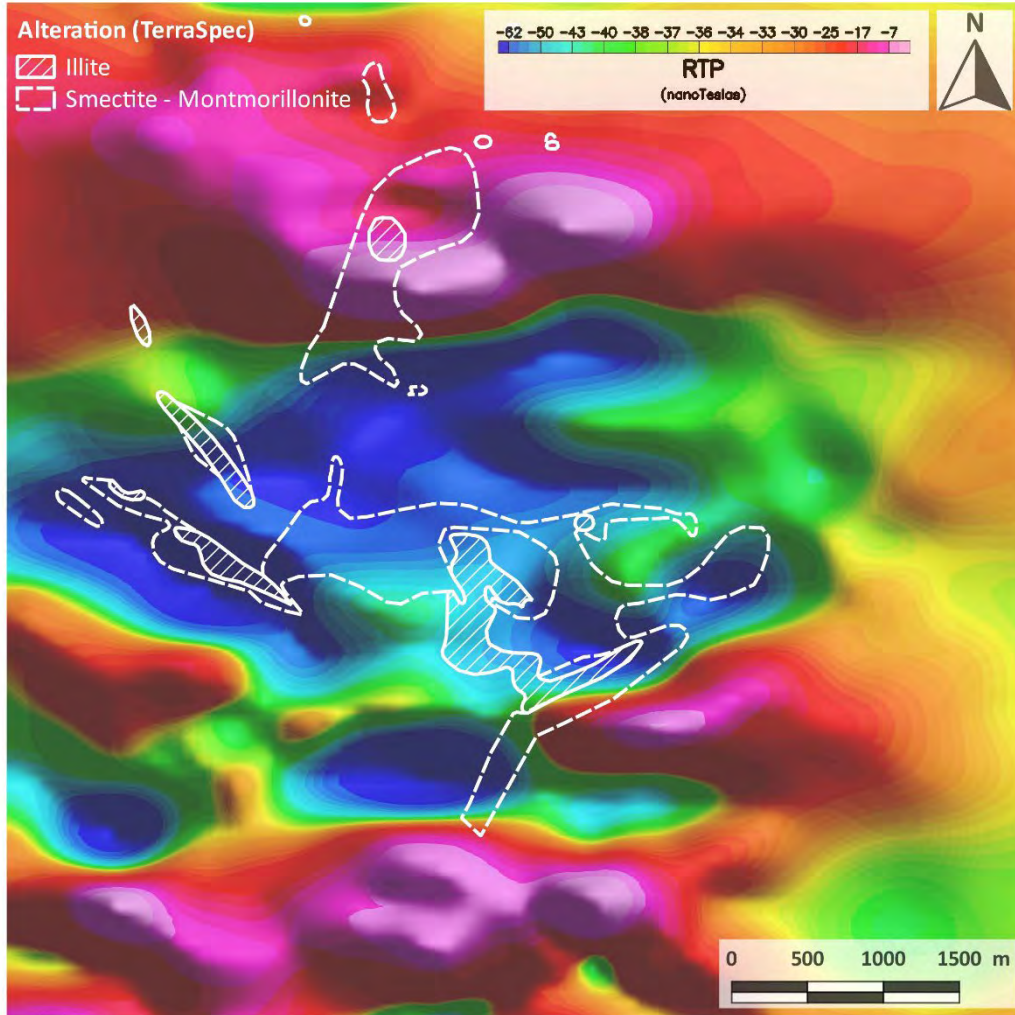
- Numerous **sinters**
- **Chalcedony veins**
- Typical **alteration**



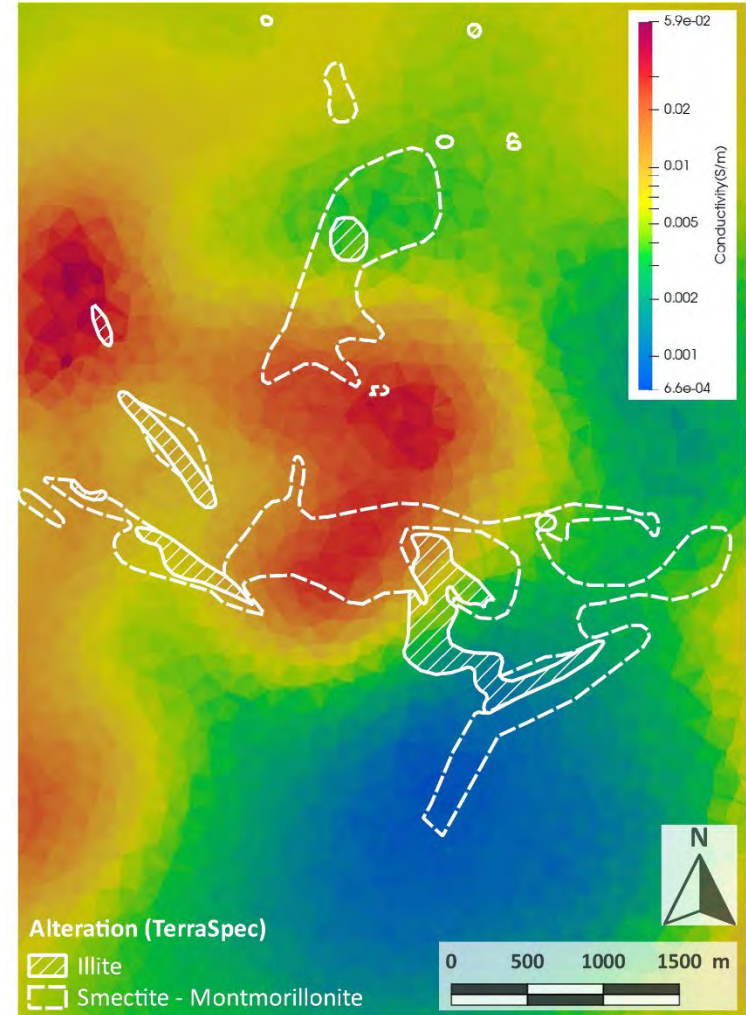


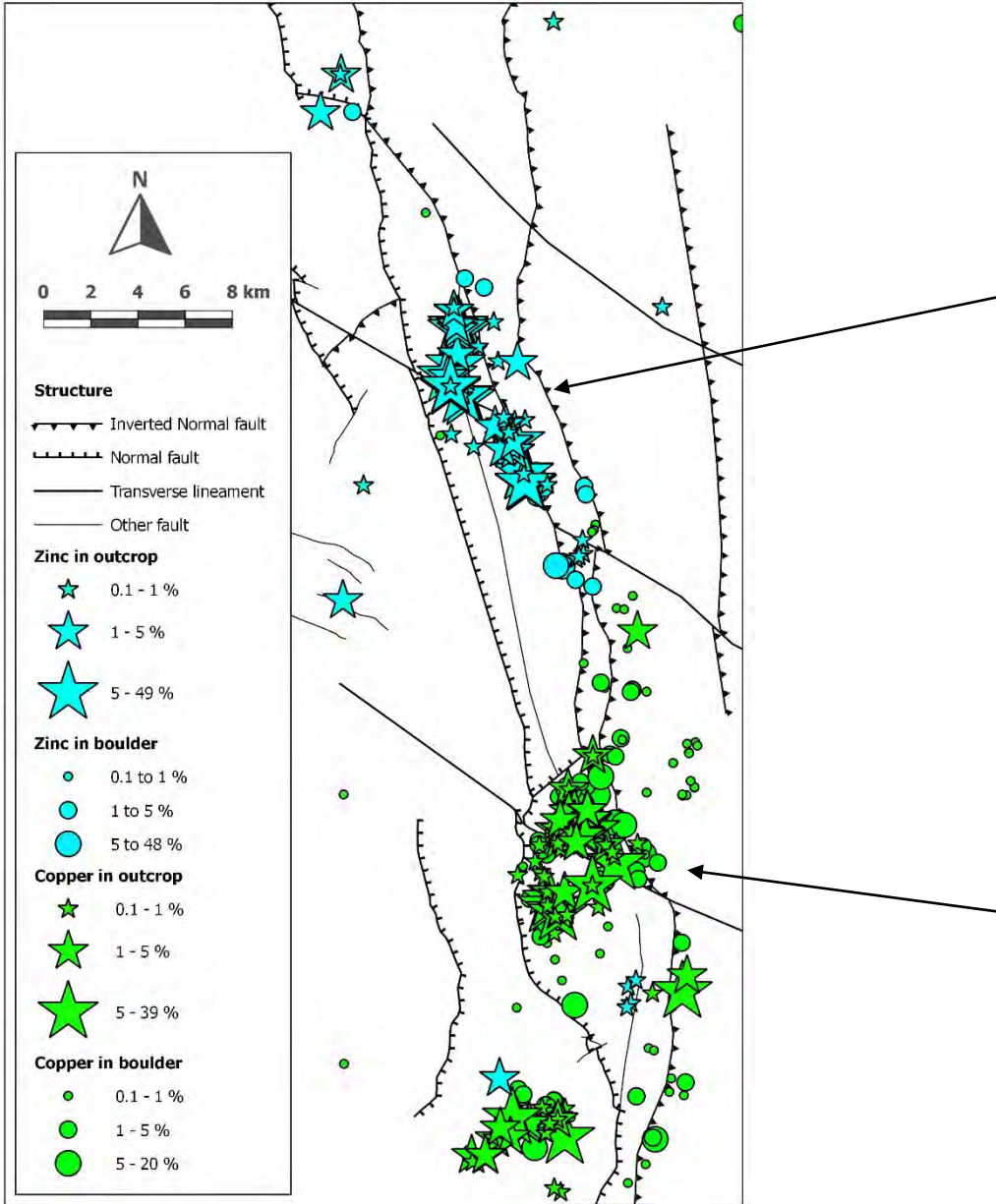
- Rich **thallium** vein coinciding with **illite** alteration area
- Presence of **adularia** imprint

RTP and alteration interpretation



MMT 3D inversion and alteration interpretation





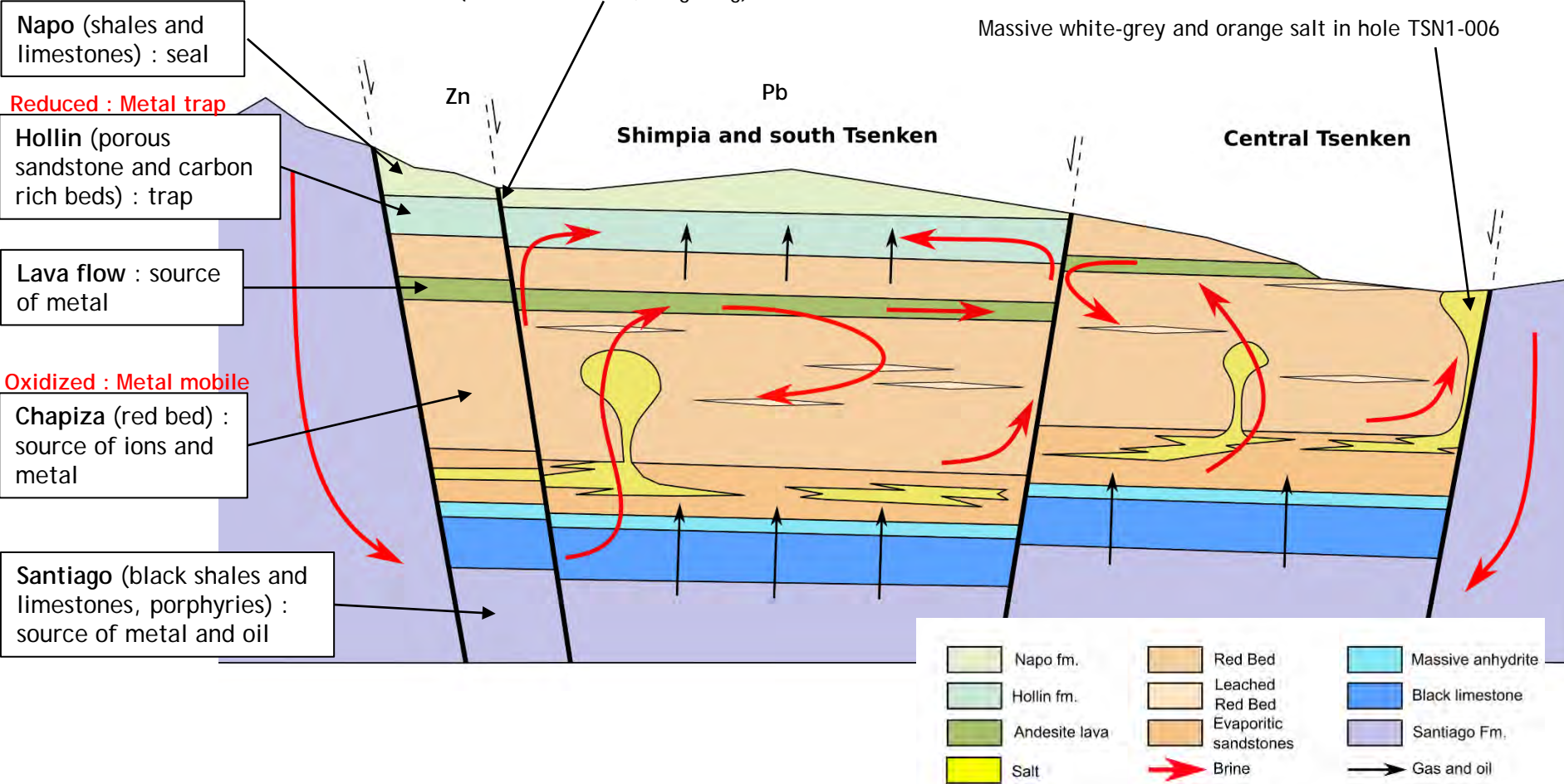
Tsenken-Shimpia: Basin Model



Mineralized fault breccia in hole SH-004
(2.5m @ 9.98% Zn, 4.4g/t Ag)



Massive white-grey and orange salt in hole TSN1-006





We are committed to the social and economic development of local Shuar communities.

The micro-business program aims to train community members, especially woman, in the creation of micro-enterprises that generate sustainable income for their families and improve the quality of life in their communities.





Education is an important component of the economic development of Shuar communities.





Santa Visits the Children of the Cutucu



Ecuador:	Mapping at Awacha; field work and IP survey at Kuri-Yawi; sampling at Crunchy Hill
France:	High-grade gold area in final phases of granting
Community:	Access agreements & community projects
Environment & Water:	Continue to meet or exceed ISO14001 standards
Other Opportunities:	Base metals (watch for news)

Capitalization Table (TSX.V:ARU, OTCQB:AUIAF, Frankfurt:20Q)

Share Price	(C\$)	0.46
Basic Shares Outstanding	(M)	96.5
Warrants	(M)	35.98
Options	(M)	5.20
Fully Diluted Shares Outstanding	(M)	137
Market Cap (Basic)	(C\$M)	44.0

Note: numbers above including share price is as of market close on July 9, 2024

Board

Keith Barron	Chairman
Jonathan Kagan	Director
Thomas Ullrich	Director
Nathalie Han	Director

Management

Keith Barron	CEO, President
Jean Paul Pallier	VP Exploration
Francisco Freyre	CFO
Carolyn Muir	VP Corporate Development & IR



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