

Exploring world class polymetallic mining projects in Australia



INVESTOR PRESENTATION



MERYLLION
RESOURCES CORPORATION

CSE • MYR

AUGUST 2022

[MERYLLIONRESOURCES.COM](https://www.meryllionresources.com)

Forward looking information

Cautionary Note Regarding Forward-Looking Information

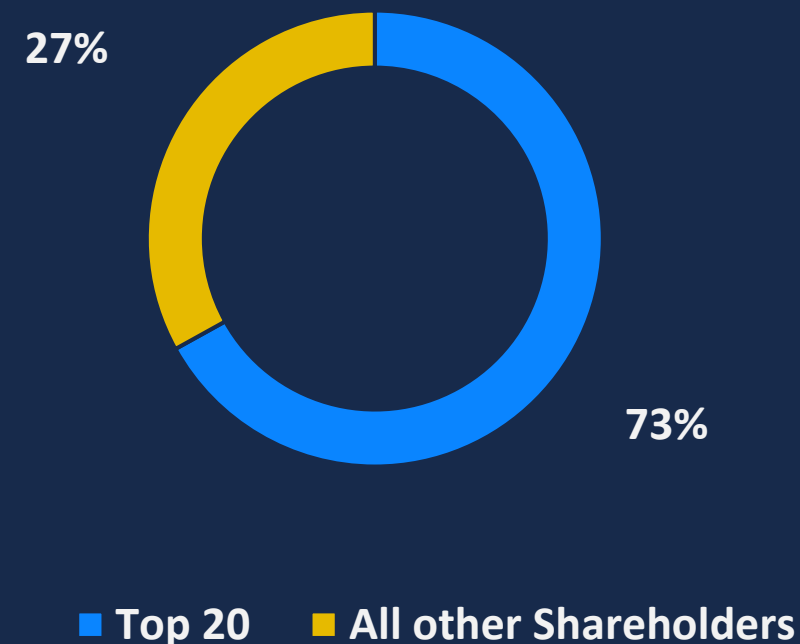
The information in this presentation has been prepared as at July 1, 2022. This presentation may contain “forward looking statements” and “forward-looking information” within the meaning of applicable securities laws, including statements regarding the plans, intentions, beliefs and current expectations of Meryllion Resources. (the “Company”) with respect to future business activities and operating performance. Forward-looking information is often identified by the words “may”, “would”, “could”, “should”, “will”, “intend”, “plan”, “anticipate”, “believe”, “estimate”, “expect” or similar expressions and include information regarding: (i) the amount of future production over any period; (ii) assumptions relating to revenues, operating cash flow and other revenue metrics set out in the Company's disclosure materials; and (iii) future exploration plans. Investors are cautioned that forward-looking information is not based on historical facts but instead reflect the Company's management's expectations, estimates or projections concerning future results or events based on the opinions, assumptions and estimates of management considered reasonable at the date the statements are made. Although the Company believes that the expectations reflected in such forward-looking information are reasonable, such information involves risks and uncertainties, and undue reliance should not be placed on such information, as unknown or unpredictable factors could have material adverse effects on future results, performance or achievements of the combined company. Among the key factors that could cause actual results to differ materially from those projected in the forward-looking information are the following: the future exploration activities planned at the Australian operations and anticipated effects thereof; changes in general economic, business and political conditions, including changes in the financial markets; changes in applicable laws; and compliance with extensive government regulation. Exploration results that include geophysics, sampling, and drill results on wide spacings may not be indicative of the occurrence of a mineral deposit. Such results do not provide assurance that further work will establish sufficient grade, continuity, metallurgical characteristics and economic potential to be classed as a category of mineral resource. A mineral resource that is classified as “inferred” or “indicated” has a great amount of uncertainty as to its existence and economic and legal feasibility. It cannot be assumed that any or part of an “indicated mineral resource” or “inferred mineral resource” will ever be upgraded to a higher category of resource. Investors are cautioned not to assume that all or any part of mineral deposits in these categories will ever be converted into proven and probable reserves. This forward-looking information may be affected by risks and uncertainties in the business of the Company and market conditions.

All of the scientific and technical information contained herein has been reviewed and/or prepared by Patrick Harford BSc (Hons), a “Qualified Person” within the meaning of National Instrument 43-101-Standards of Disclosure for Minerals Projects. For further details of the Company's procedures and policies for data verification, the reader is referred to the Company's website at www.meryllionresources.com.

Corporate Overview

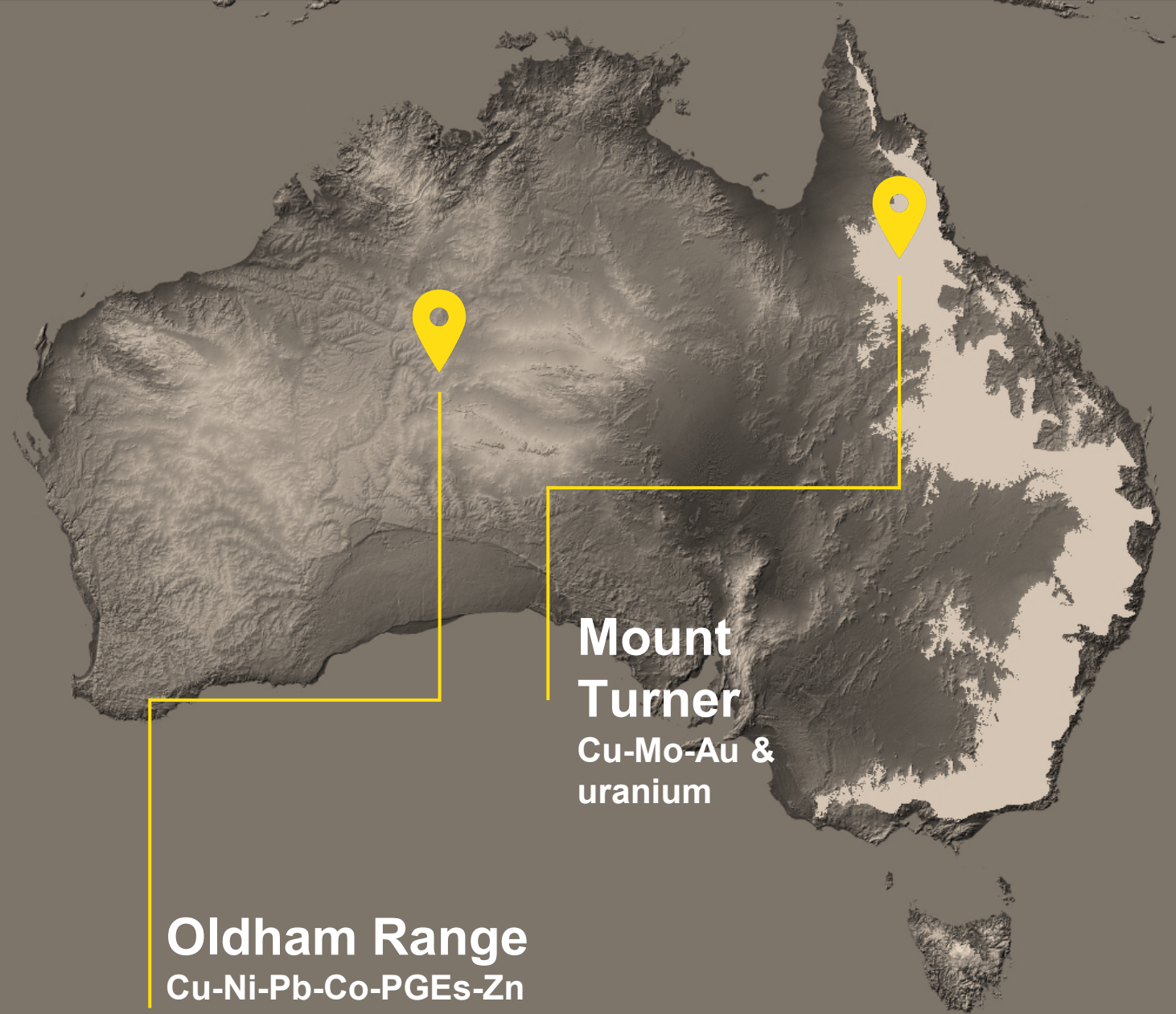
July 2022 | MYR:CSE

Capital Structure (CND in millions)	
Shares	27.9
Share Price (AUGUST 2022)	\$0.10
Market Cap (at \$0.10)	\$2.8
Cash (as at 30 June 2022)	\$0.15
Enterprise Value (EV)	\$2.65
Board of Directors & Key Management	
Non-Executive Chairman	David Steinepreis
Chief Executive Officer/Director	Richard Revelins
Non-Executive Director	Guy Charette
Chief Financial Officer	Chuck Forrest
Secretary	Michael Kozub
VP Project Development	Patrick Harford
Project Geologist	Lee Spencer



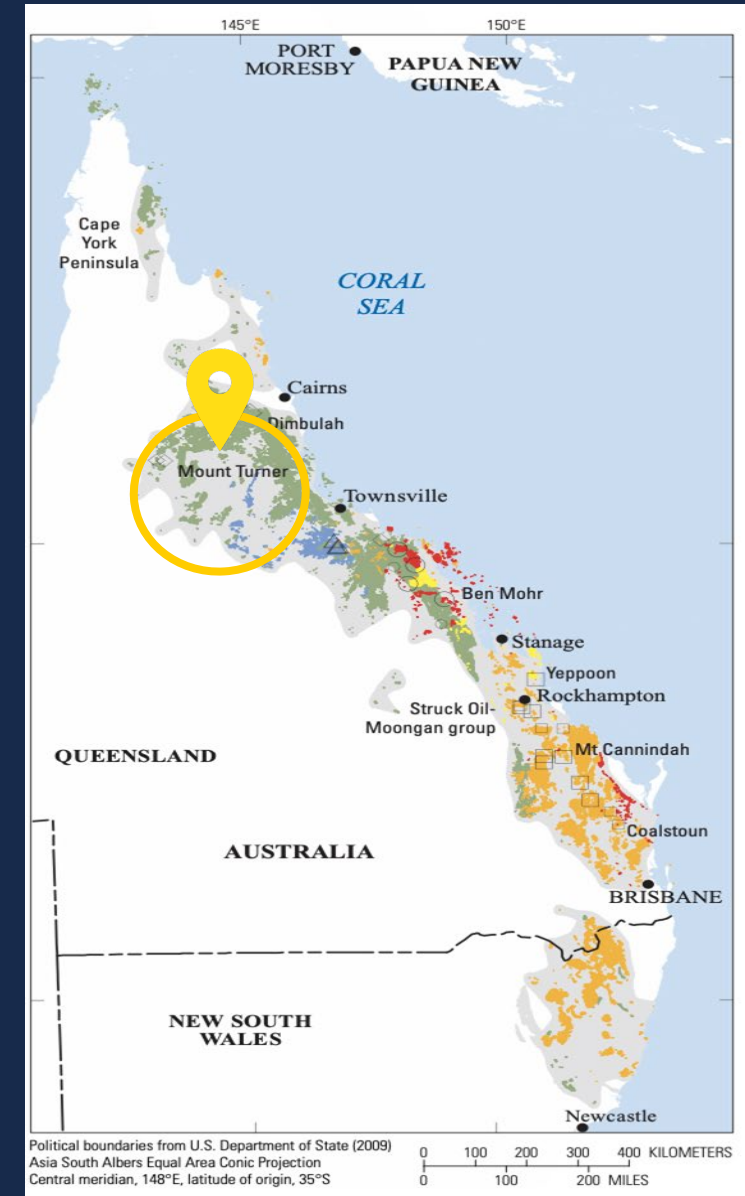
Australian Projects

- Focused on Australian exploration Projects with the potential to host world-class polymetallic deposits
- Western Australia and Queensland, the most resource rich states of Australia
- Mount Turner, Queensland Cu-Mo + Au drill ready targets identified
- Mount Turner, known uranium deposits
- Oldham Range, Western Australia Cu-Ni-Co-PGEs-Zn – awaiting drilling permits



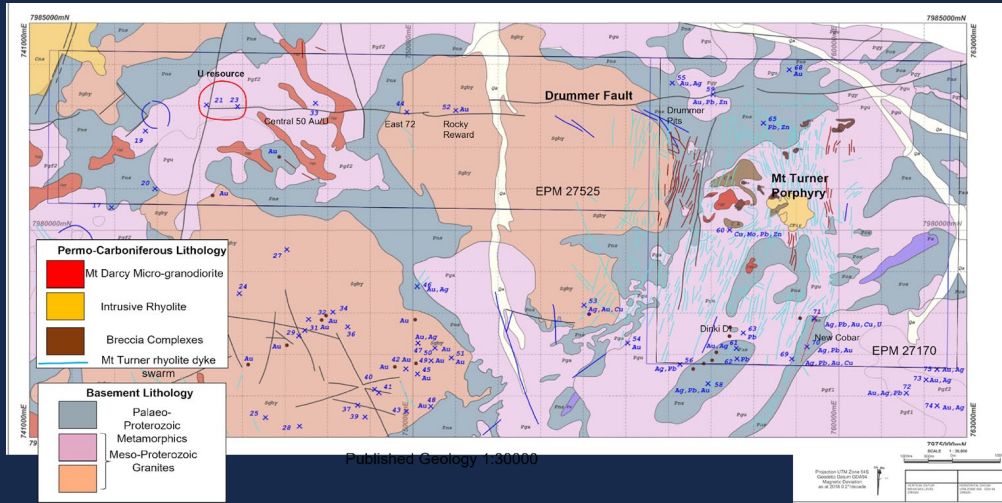
Mount Turner

- Geological setting: Back Arc continental Permo-Carboniferous felsic magmatism associated with volcanic cauldrons. Ring complexes and associated granitic intrusives within the Georgetown Inlier.
- Exploration model: Climax-style porphyry Cu-Mo + Au systems.
- JV terms: Meryllion has the option to earn 70% of Mt Turner by funding exploration:
 - \$400,000 on exploration within 12 months to earn 25%; \$1.4m on exploration within 36 months to earn 51%; and a further \$2m on exploration to earn a total 70% interest. (\$3.8m in total)



Mount Turner – I. Exploration History

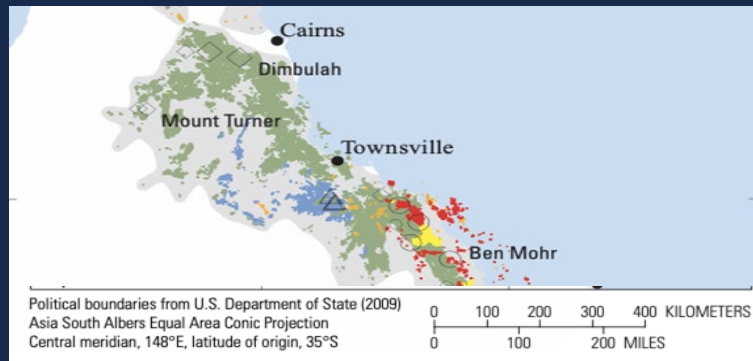
1970s - Mapped by Government survey



1974 – Drilled by Queensland Govt.



2009 USGS – lists it as untested Cu-Mo target

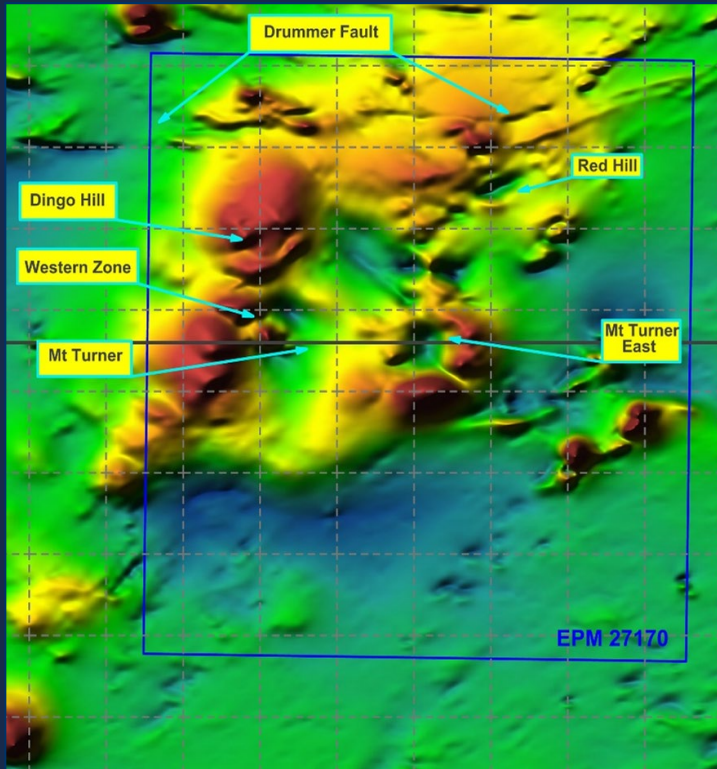


Ore grade Mo at EOH not followed up



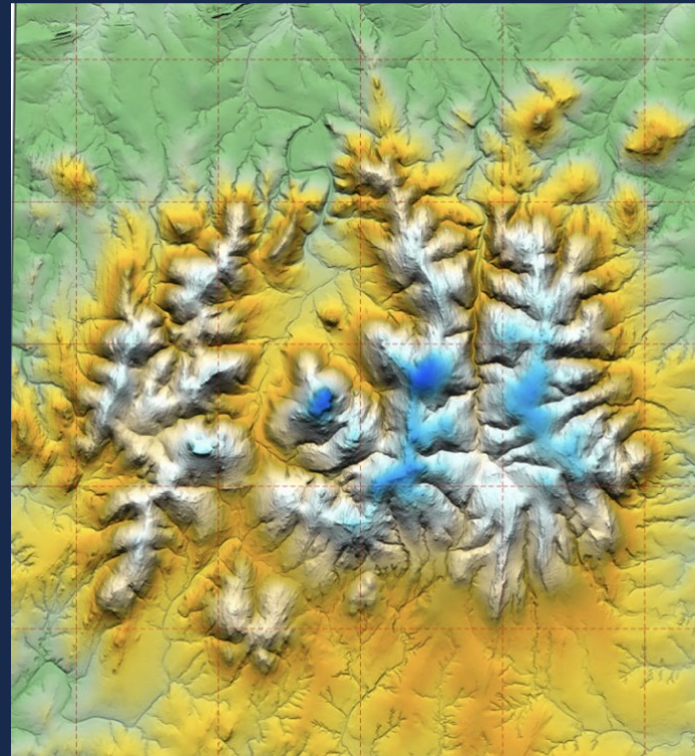
Mount Turner – II. Exploration History

2000s - Mega Uranium



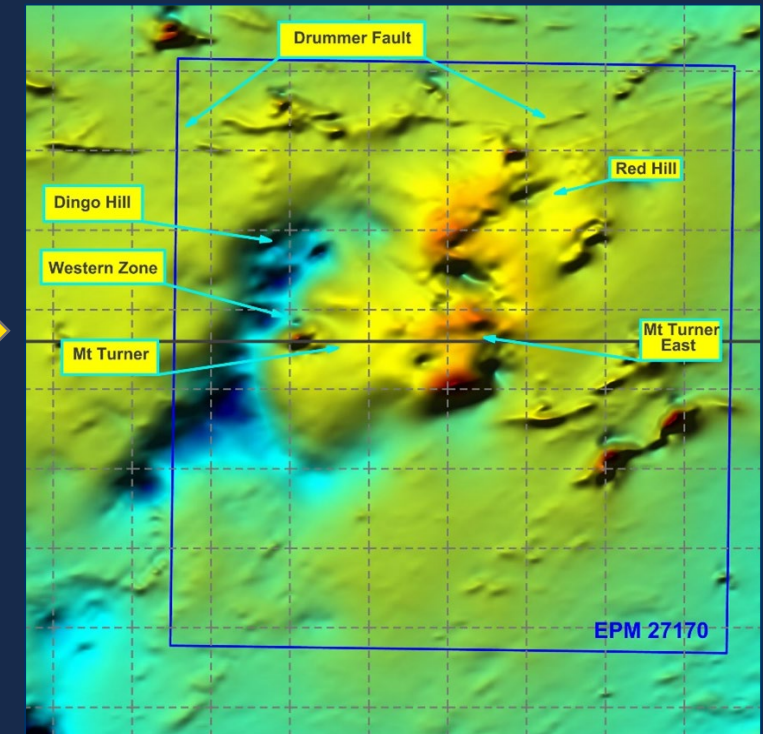
Detailed airborne aeromagnetics identifies volcanic centre but this feature not followed up as considered not prospective for U_3O_8 .

2020 - Staked by KNX



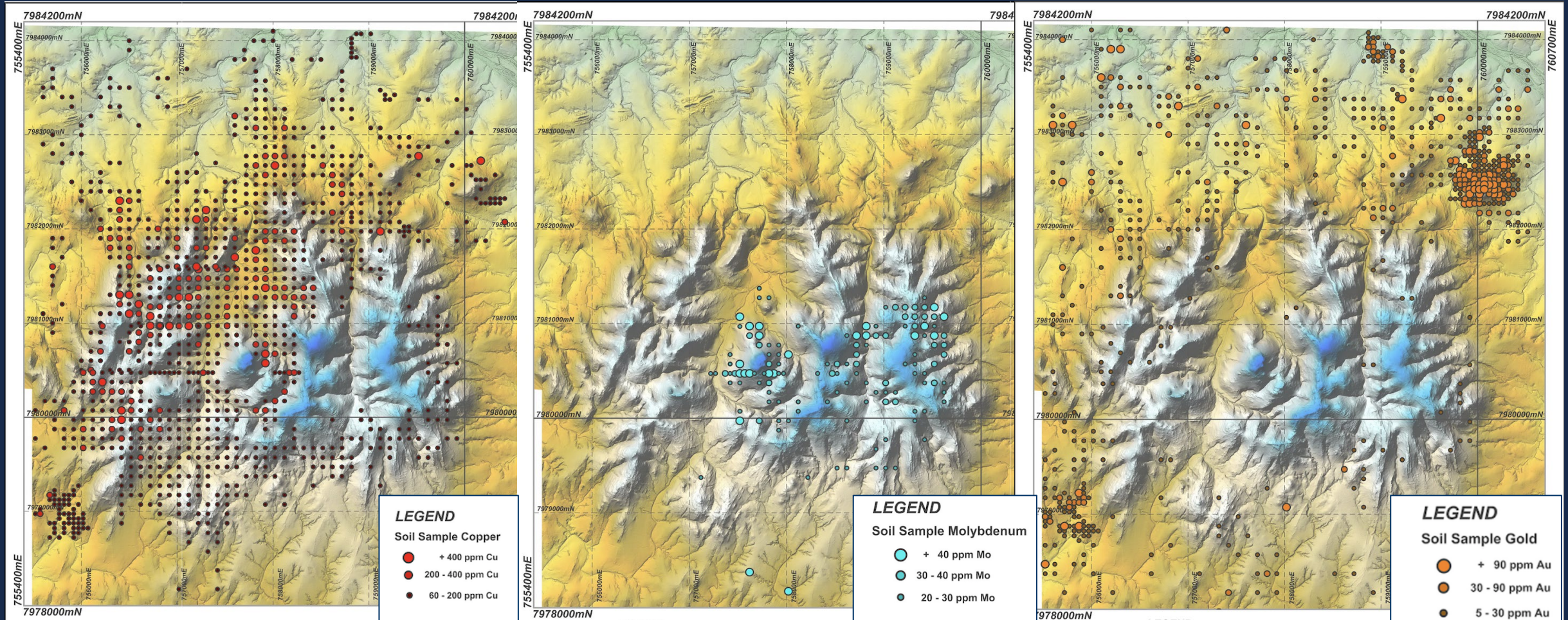
Airborne LiDAR survey identifies large structural features coincident with aeromagnetics.

2021 - KNX acquired by ESX



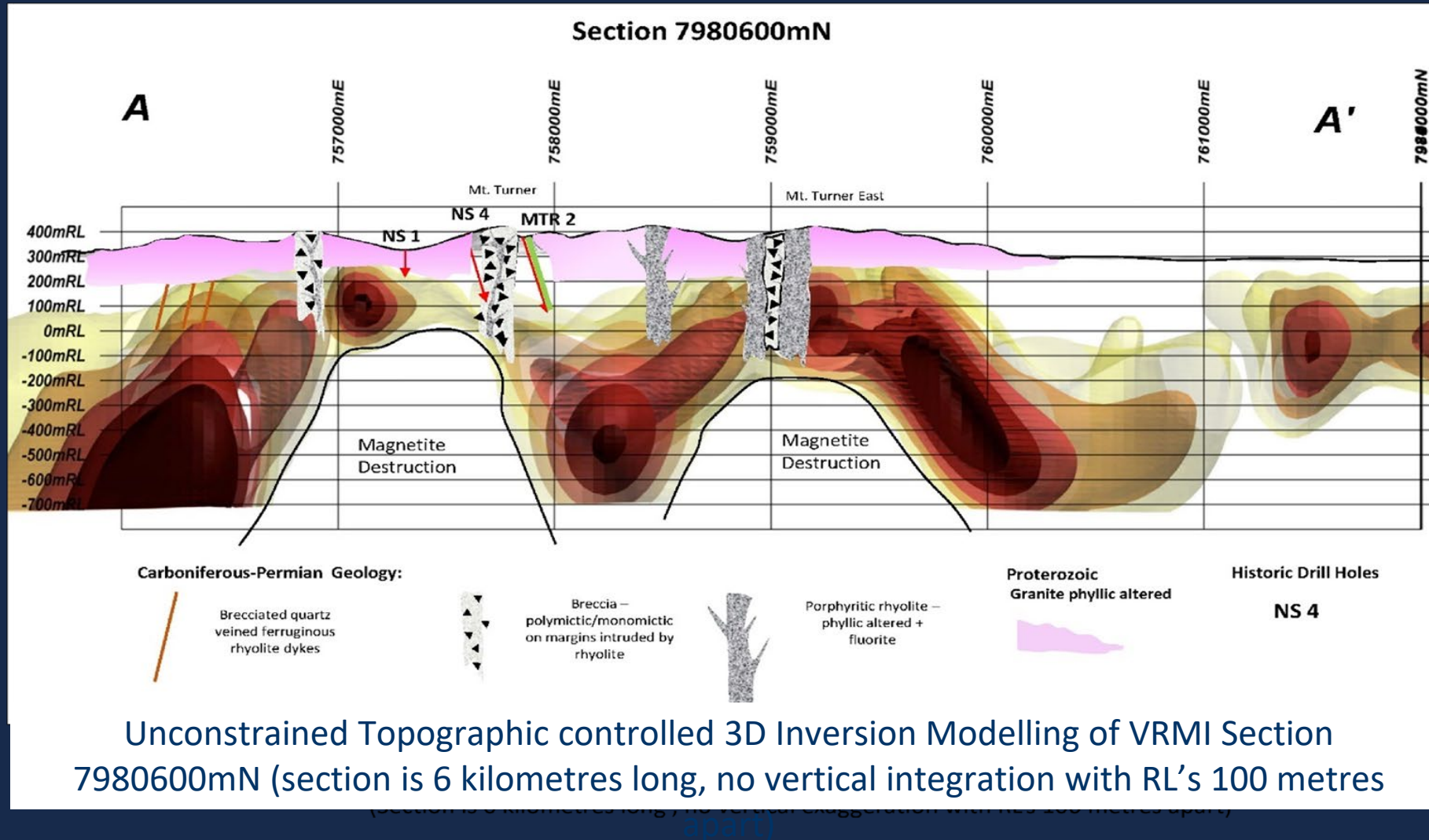
Mega Uranium aeromag re-processed identifies large buried alteration halo around intrusive. Classic porphyry Climax Cu-Mo-Au setting.

Mount Turner – III. Exploration History



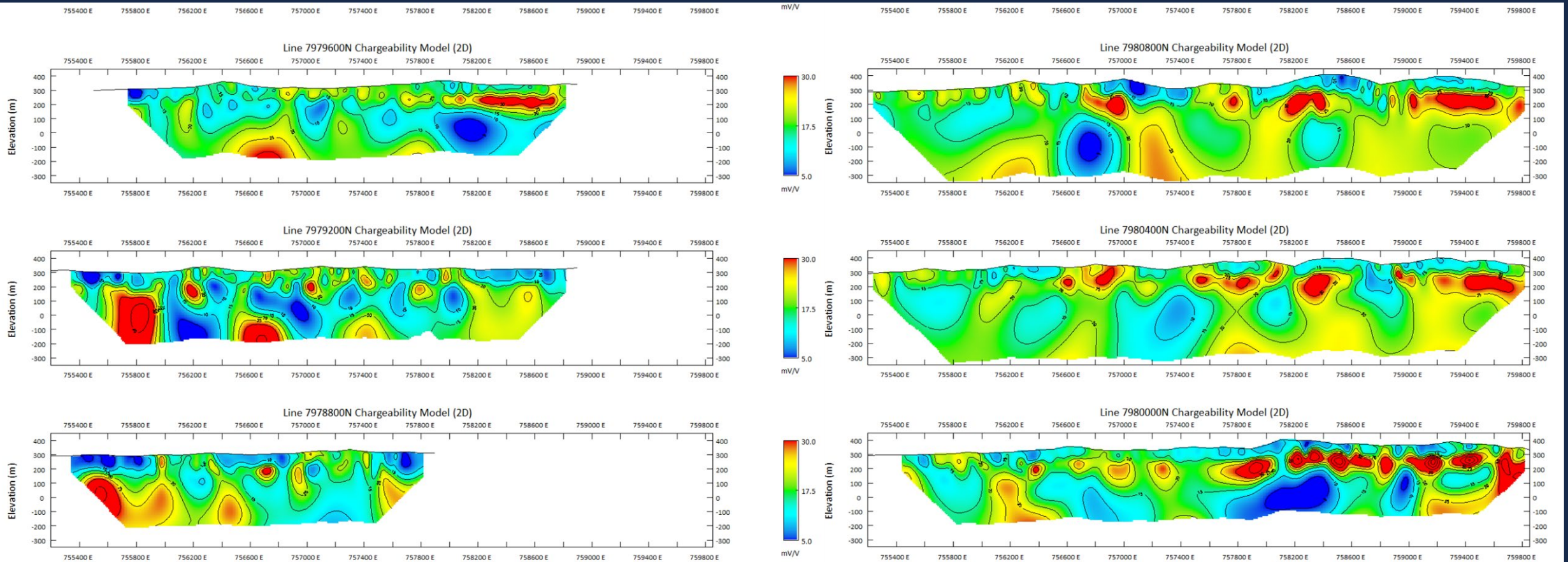
Essex Minerals (MYR JV partner) completed detailed soil grid over structural features. Identified anomalous Cu, Mo and Au in soils. (Zonated – Cu and Au around a Mo core.) Confirmed metal distribution conforms with the Classic Climax Cu-Mo-Au exploration model.

Mount Turner – VI. Exploration History



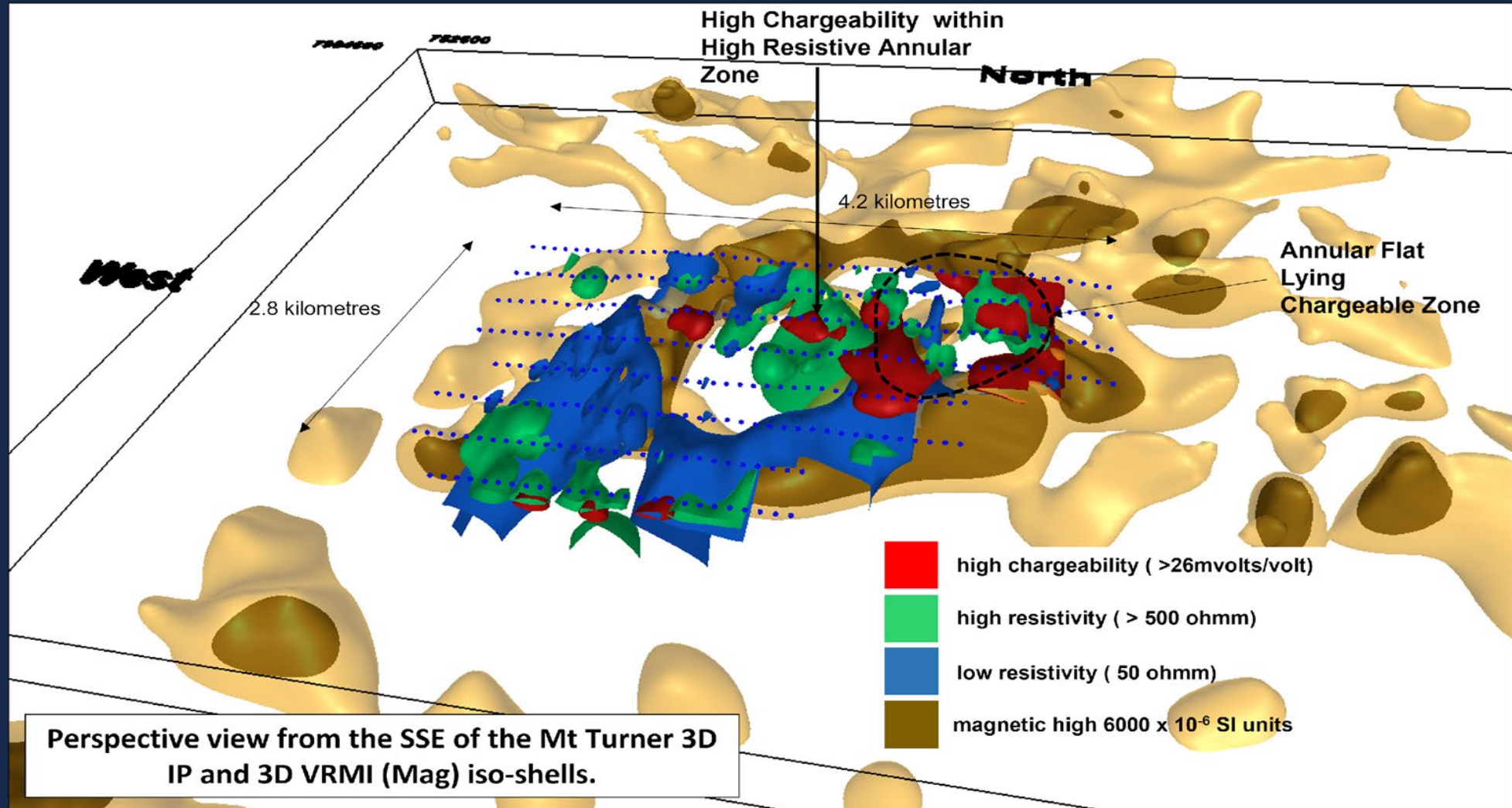
- 3D modelling of aeromagnetics. Files 43-101 on Sedar. IP program recommended ahead of drilling.
- Meryllion self-funded IP program confirmed presence of sulfides (resistivity) ahead of planned drilling during 2022.

2022 Self-funded IP Survey

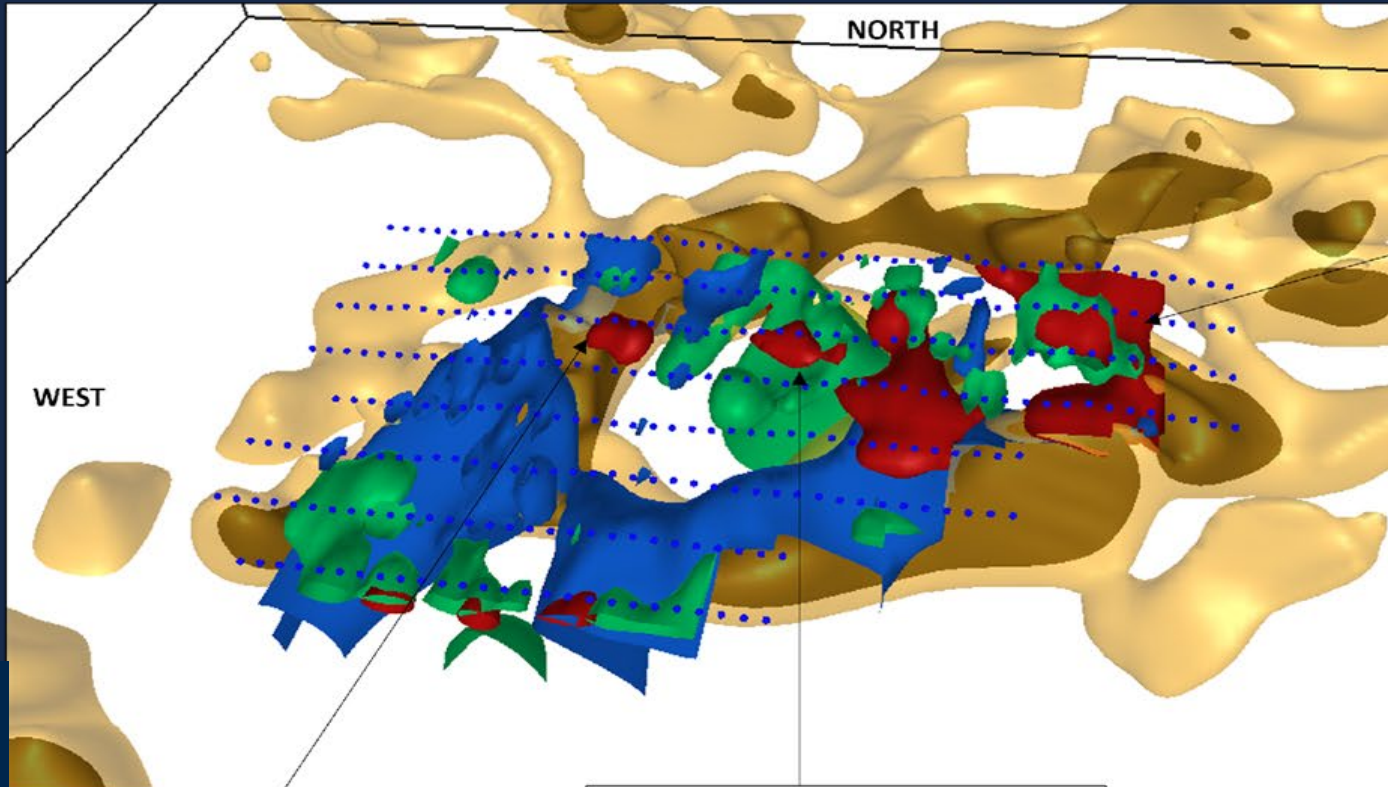


W-E Stacked IP sections 400m intervals from north to south - confirms large accumulation (1.2km x 0.8km) of sulfides in the alteration halo in the west and identifies previously unknown near surface (100-150m) accumulation of sulfides (1.6km x 1.3km) in the east.

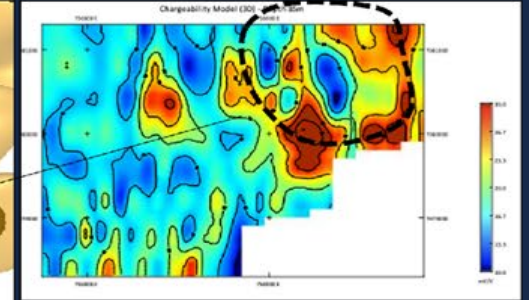
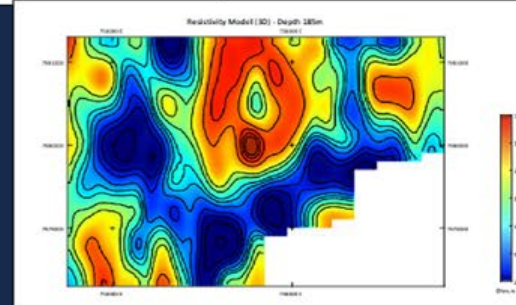
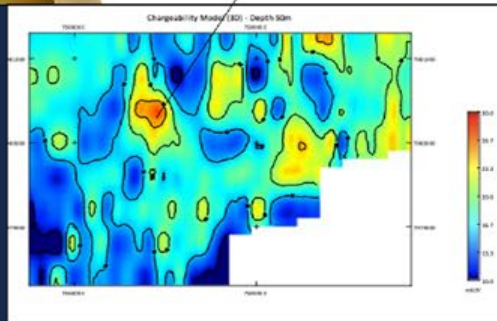
2022 IP Survey 3D Modelling



2022 Mount Turner Drill Targets



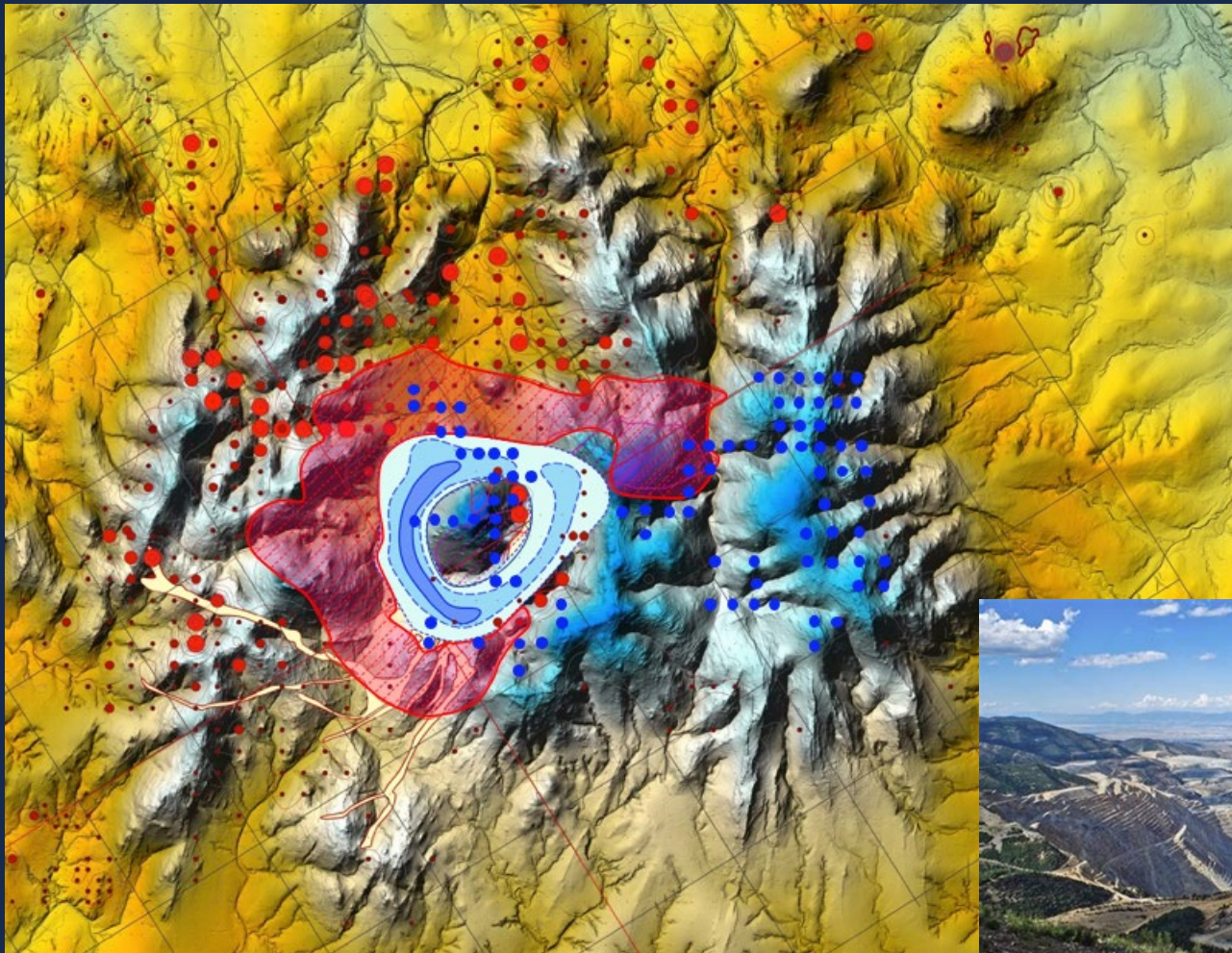
Drill Target 3
Mt Turner
West High
Chargeability –
discrete magnetic
high associated with
high level porphyry
with UST textures



Drill Target 1
Mt Turner
East Flat Lying, Shallow Annular
Chargeability (1.6 x 1.3 km)
associated with caldera
collapse and hydrothermal
breccias

Drill Target 2
Mt Turner
High Annual Resistivity –
Chargeable core (1.2 x 0.8 km)
associated with outer silicified rim
and stockwork Cu-Mo at depth

Mount Turner Potential



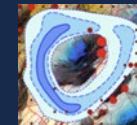
Bingham Canyon deposit plotted on Mt Turner to Scale



Mt Turner anomalous Mo soil geochemistry



Mt Turner anomalous Cu soil geochemistry



Bingham Mo - pale blue >120ppm Mo



Bingham Cu = 3500ppm



Bingham Canyon, Utah - JORC compliant open-pit ore reserves and mineral resources at December 31, 2011 (Rio Tinto, 2012) were:
Proven + probable ore reserves –
835Mt @ 0.48% Cu, 0.041% Mo, 0.20 g/t Au, 2.1 g/t Ag,

Mt Turner DDH NS4 EOH – completed above target zone –
2m @ 0.2% Cu, 0.07% Mo, 0.03g/t Au, 4.0 g/t Ag

Mount Turner 2022 Exploration Budget

Use Of Proceeds	CND \$
Option exercise payment	75,000
Completion of IP program	50,000
Consulting geology and geophysics	90,000
Drilling program Mt Turner – 2000m diamond core @ \$325/m 3 Mt Turner IP/mag/geochem targets + Rocky Reward Au target	650,000
Geochemistry – assay and thin section	85,000
Logistics, accommodation, management and permits	120,000
TOTAL	\$1,070,000

Oldham Range Polymetallic Project, Western Australia

- MYR earning up to 100%
- 147 km² of tenement area, 320 kms west in Wiluna, WA
- Prospective for Copper-Nickel-Cobalt-PGEs and Zinc
- Base metal grades up to 0.11% copper, 800 ppm zinc and 180 ppm lead from rock chip sampling (8 to 10 times background values)

and 180 ppm lead from rock chip sampling (8 to 10 times background values)

- **Multi-element geochemical assemblage interpreted to have originated from primary hydrothermal solution and not from bedrock enrichment**
- Currently awaiting drilling permits

FIGURE 1:
Location
Plan Of
Oldham
Range
Licence,
Western
Australia

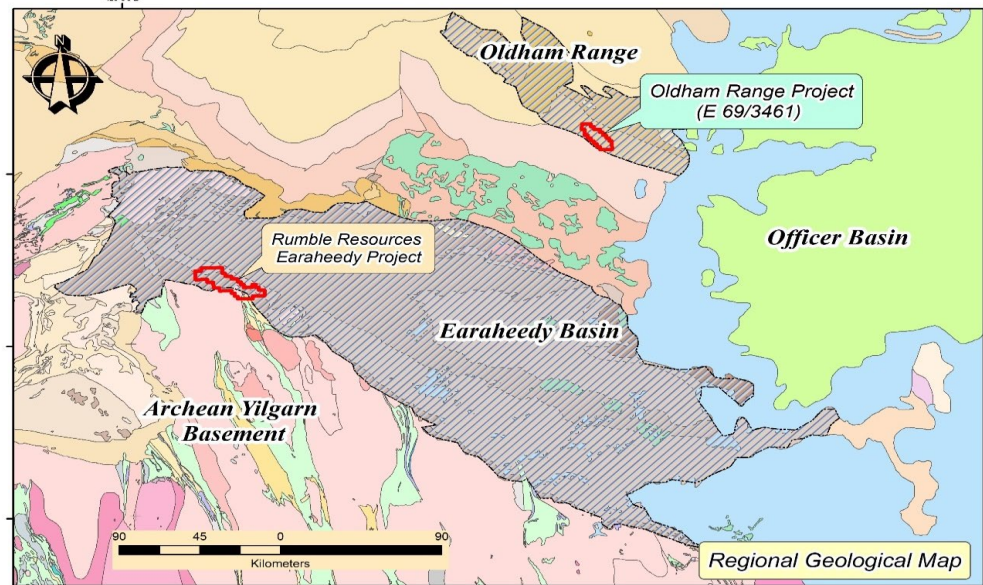
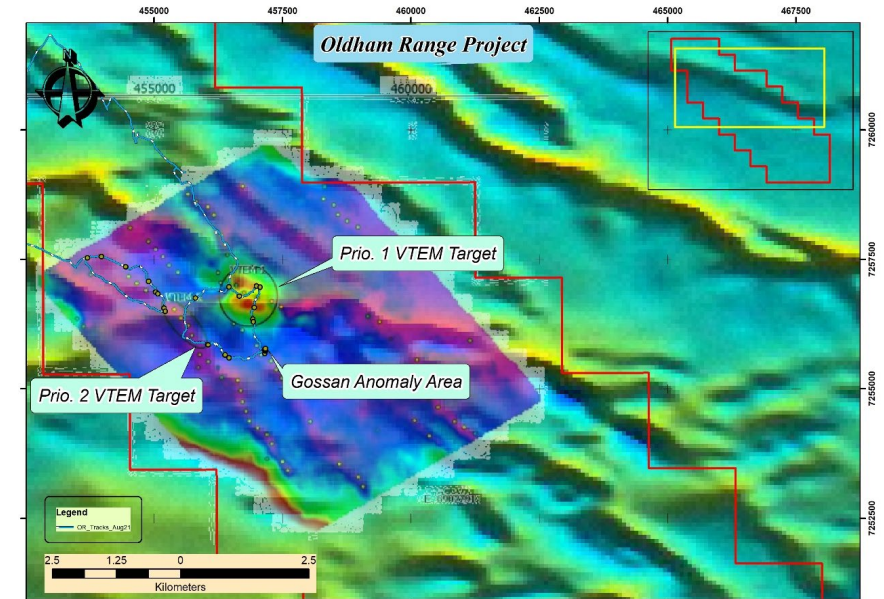


FIGURE 2:
Absolute
Value Plots
of Cu, Zn,
Ni, And Pb.



Directors and Management Team

Richard Revelins-Chief Executive Officer/Director

Richard has over 35 years' experience in international investment banking specializing in corporate finance and corporate advice, predominantly in the mining and natural resources industry. He was formerly the chairman of Atlas Iron Limited and Gold Road Resources Limited. He has been responsible for numerous IPO's, restructurings and capital raisings for both public and private companies and is actively involved in the venture capital industry.

David Steinepreis-Non-Exec Chairman

David has had a long and distinguished career as a partner of an international accounting firm where he specialized in strategic corporate advice and taxation. He has subsequently served a director, adviser, and major shareholder of numerous public companies in the gold, nickel, diamonds, oil and new mining technology sectors.

Guy Charette-Non-Exec Director

Guy is a transaction-oriented corporate finance lawyer in Rimon Law's Montreal office. He has over thirty years of experience advising on securities, corporate finance, and mergers and acquisitions. He has advised on corporate finance matters in relation to major projects in Africa, Europe, and South America. His experience covers a broad spectrum of industries including natural resources, life sciences, and technology.

John Forrest – Chief Financial Officer

Chuck is a CPA CA who qualified with PWC in Canada. With 25 years' experience in the minerals sector, split between Toronto and London. He has been involved in the financial administration and financing of private and public companies with projects located in several countries in southern Africa as well as Indonesia and China.

Michael Kozub-Company Secretary

Michael is a lawyer with a practice focused on securities, corporate finance, mergers and acquisitions, and corporate and commercial law. He also provides advice and assistance to reporting issuers on their ongoing corporate governance, continuous disclosure, and other corporate and securities law obligations. Prior to private practice, Mr. Kozub served as General Counsel to a mineral exploration company listed on the Toronto Stock Exchange. He is a member of both the Barreau du Québec and the Law Society of Ontario."

Lee Spencer-Chief Project Geologist

Lee has over 40 years of mining and exploration experience having worked in Australia, Southeast Asia and the Pacific since 1976, initially with USA based Amax Inc. and subsequently as a consulting geologist on numerous gold and copper projects. During the early 1990's Lee was co-founder and technical principal of PT Indomineratama, an Indonesian mining and exploration consultancy that consulted to numerous major foreign and local exploration and mining companies within Indonesia including PT Freeport Indonesia and PT Timah.

Patrick Harford-VP Project Development

Patrick is a highly credentialled mining executive with more than 40 years' experience in gold and diamond exploration, project development and production in Australia, Vietnam, China, Portugal, the DRC, Zimbabwe, South Africa and Botswana. Previously executive director of Mercator Gold plc, County Diamonds Ltd, Auridiam Consolidated NL, Zapopan NL and Grants Patch Mining Ltd.



Thank you!

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