

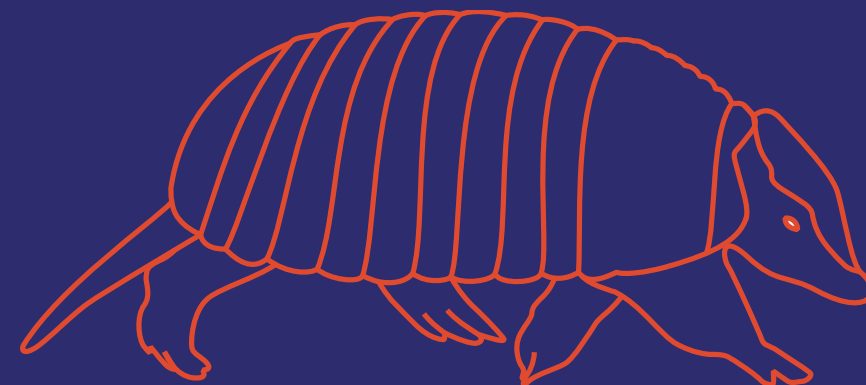


PICHE

Piche Resources Limited

Uranium and gold projects in Western Australia and
Argentina

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The information in this presentation is based on information compiled by Stephen Mann, who is a member of the Australasian Institute of Mining and Metallurgy. Stephen Mann is a Director and substantial shareholder of Piche Resources Limited. Stephen Mann has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Stephen Mann consents to the inclusion of this information in the form and context in which it appears in this presentation.

Investors should refer to the prospectus lodged with ASX on 11 July 2024 for additional information regarding prior released exploration results and diagrams, together with ASX announcements dated 18 July 2024, 16 September 2024, 26 September 2024 and 10 October 2024. The Competent Person Statement and disclosures in those announcements have not materially changed.

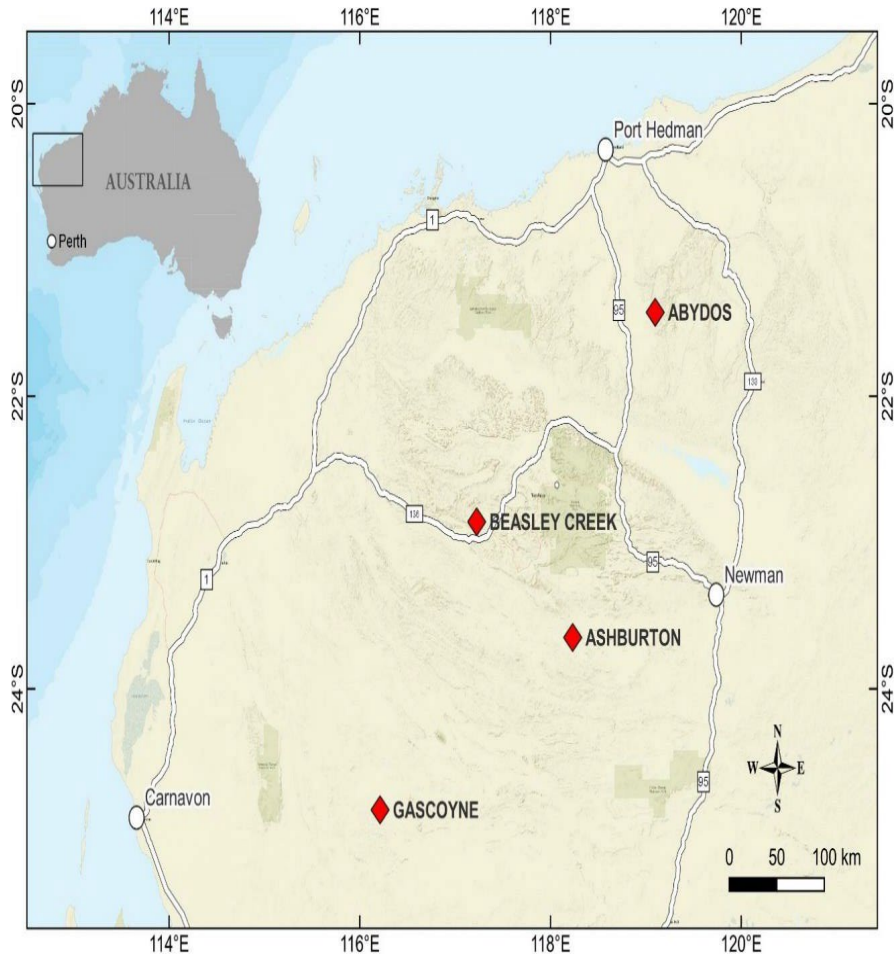


PICHE PORTFOLIO



Targeting globally significant discoveries in Tier-1 mineral provinces

Western Australia



Uranium Projects	
Sierra Cuadrada	
Commodities	Uranium
Land package	1,310km ²
Ownership	100%
Ashburton	
Commodities	Uranium, Rare earths
Land package	122km ²
Ownership	100%
Gascoyne	
Commodities	Uranium
Land package	35km ²
Ownership	100%

Gold & Base Metal Projects	
Cerro Chacon	
Commodities	Gold, Silver
Land package	365km ²
Ownership	100%
Abydos	
Commodities	Gold, Base metal
Land package	19km ²
Ownership	100%
Beasley Creek	
Commodities	Gold, Base metal
Land package	22km ²
Ownership	100%

Argentina



BOARD OF DIRECTORS

Highly regarded and experienced board with the corporate and technical skills to find, fund and develop mines



John (Gus) Simpson

Executive Chairman

John has over 37 years experience in mineral exploration, development and mining. He has extensive experience across equity capital markets and corporate governance, and was previously Executive Chairman/Founder at Peninsula Energy Limited (ASX:PEN), a USA uranium producer



Stephen Mann

Managing Director

Stephen is a geologist with over 40 years experience in the exploration, discovery and development of mining projects, including 20 years in the uranium sector. He was previously the Australian Managing Director of Orano, the world's third largest uranium producer



Pablo Marcet

Executive Director

Pablo is a senior geoscientist with 38 years experience in the exploration, discovery and development of mineral deposits. He is currently an independent Director of lithium producer, Arcadium Lithium (NYSE:ALTM) and was previously a director of Barrick Gold (NYSE:GOLD) and U3O8 (TSX:U3O8)



Clark Beyer

Non-Executive Director

Clark is an internationally recognised nuclear industry executive with over 35 years experience. He was previously Managing Director of Rio Tinto Uranium Limited and is currently principal of Global Fuel Solutions LLC, which provides strategic consulting to the international uranium and nuclear fuels market



Stanley Macdonald

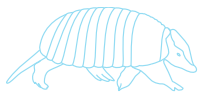
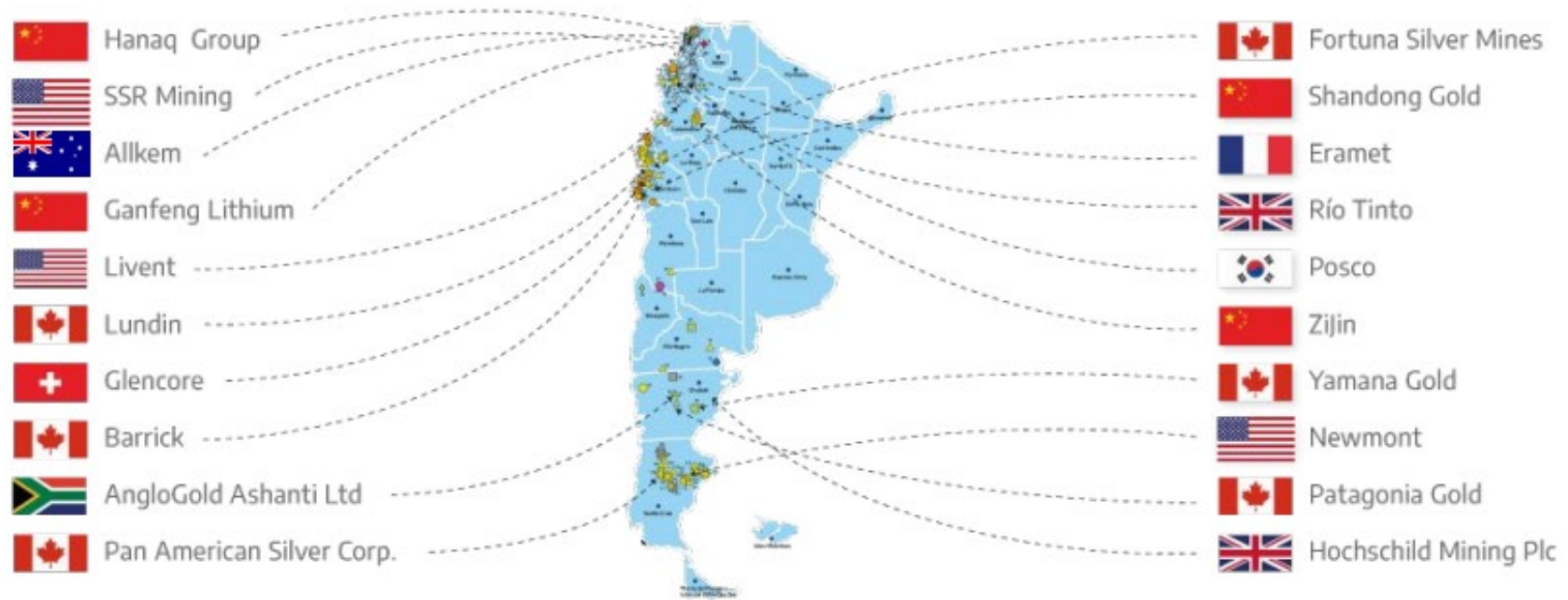
Non-Executive Director

Stanley is a nationally recognised mining entrepreneur who has been a founding director and instrumental in the success of numerous ASX listed companies, such as Giralia Resources, Northern Star and Redhill Iron. He is currently a Director of Zenith Minerals



ARGENTINA

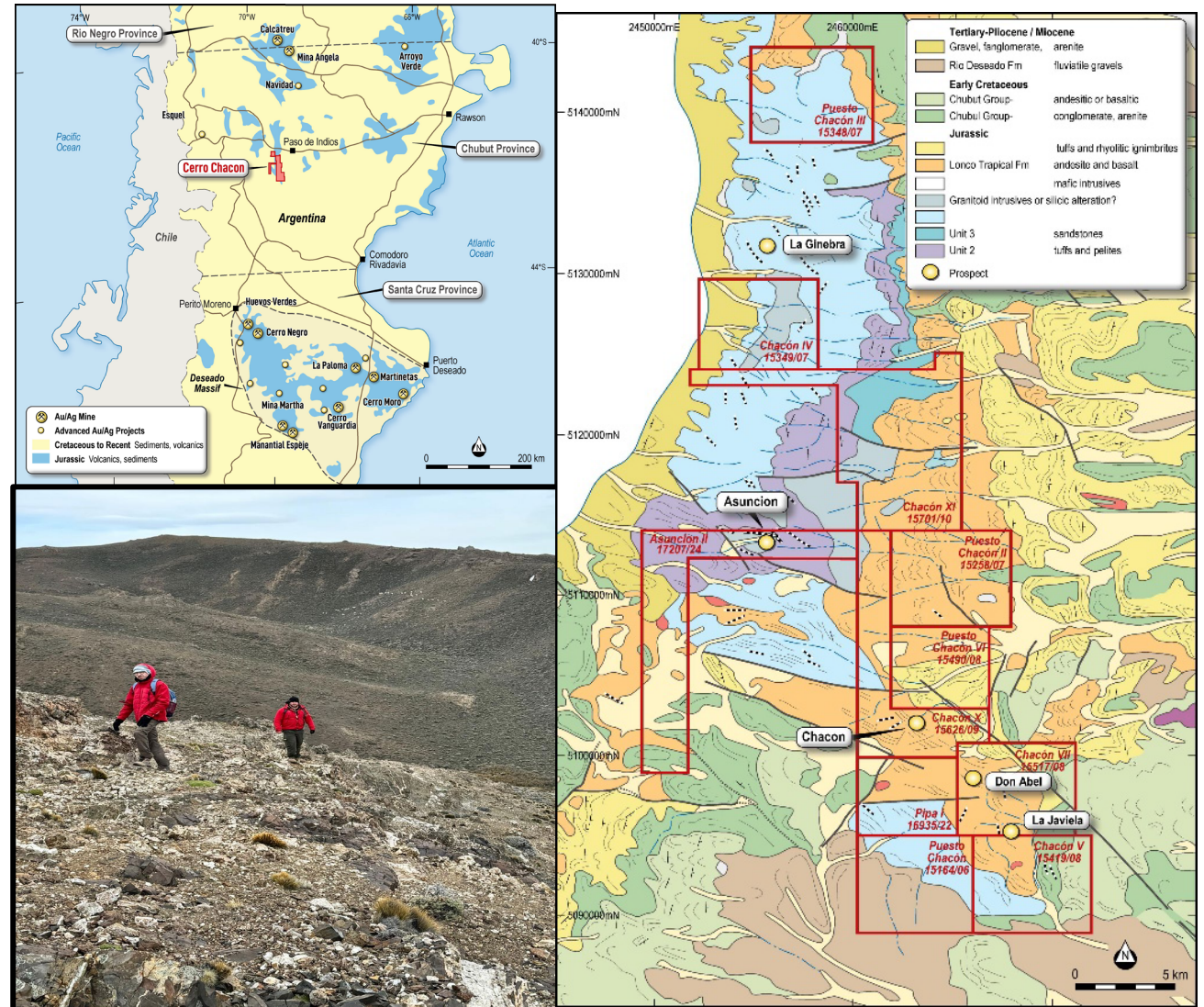
Top global mining companies operating in Argentina²



CERRO CHACON PROJECT - GOLD - ARGENTINA



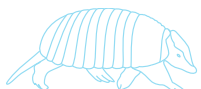
- Located 40km south-west of Paso de Indios, Chubut - Argentina
- Consists of 414km² of tenements with multiple epithermal systems present
- The systems investigated so far have extensive gold/silver occurrences
- An 8,500 metre RC drill programme is planned on 10 targets at two prospects, Chacon Grid and La Javiela over March thru May 2025
- IP surveys, structural mapping and geochemical sampling has identified a 10km mineralised system consistent with the surface signature at Cerro Negro Mine (reserves 5.8 million oz Au, 49.4 million oz Ag)* to the south
- Mineralisation is hosted in low-sulphidation epithermal vein systems (LSEV)
- This veining :
 - can vary between 2-6km in length and
 - up to 50 metres wide is and commonly 8-15m
- Multiple gold occurrences up to 13g/t Au have been recorded and is indicative of high-grade at depth
- PRL's geotechnical team is onsite, gridding is complete and drill-pad preparation and access is being finalised



* <https://www.cerradogold.com/minera-don-nicolas/#geology>

Cerro Chacon Interpreted Geology and Tenement Holding

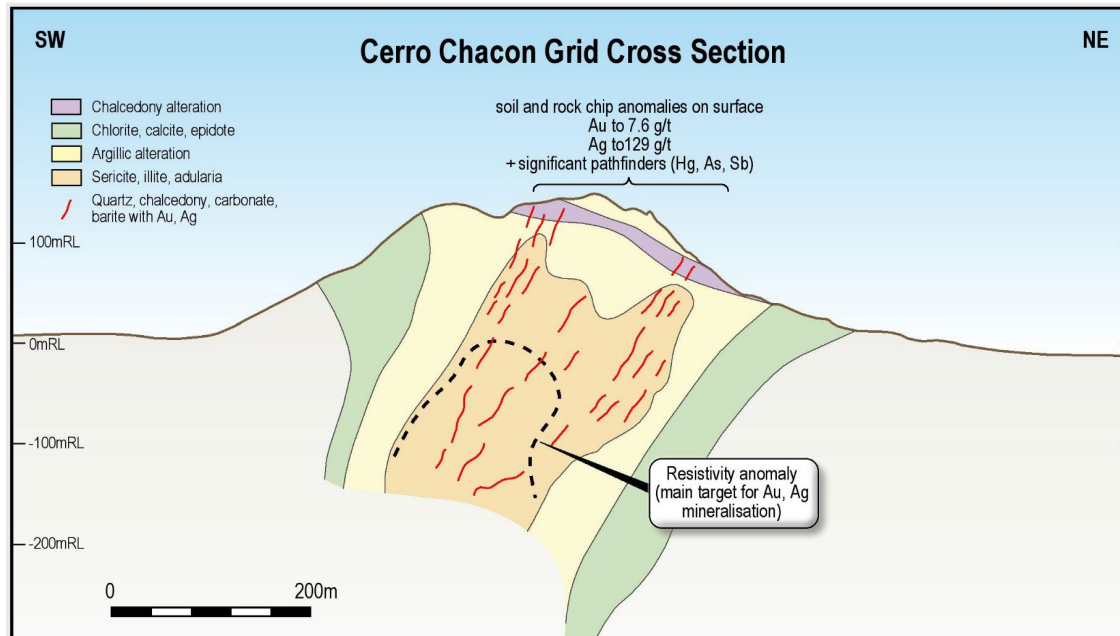
Cerro Chacon has the potential to host several high-grade gold/silver deposits and be a new mineral province in its own right



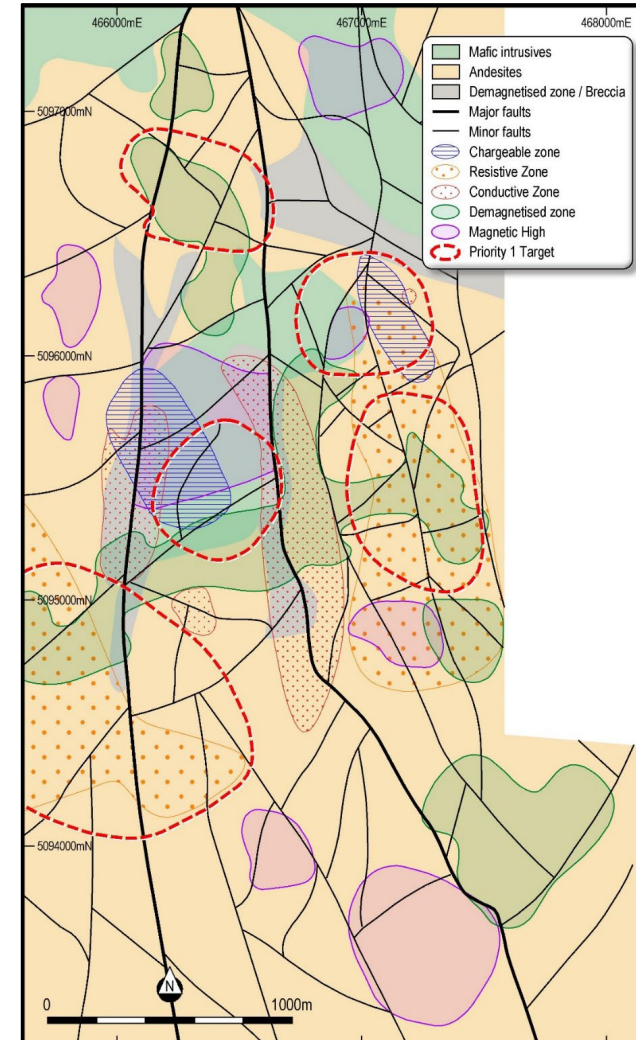
Cerro Chacon Grid and La Javiela prospects - GOLD - ARGENTINA



- Extensive vein networks of gold, silver and pathfinder elements
- Assays up to 13 g/t Au in wide (up to 50m) and long (up to 6 km) zones of epithermal veining



Simplified schematic of Cerro Chacon Grid cross section



Chacon Grid prospect is a high priority project with multiple outcropping high-grade prospects for gold/silver mineralisation



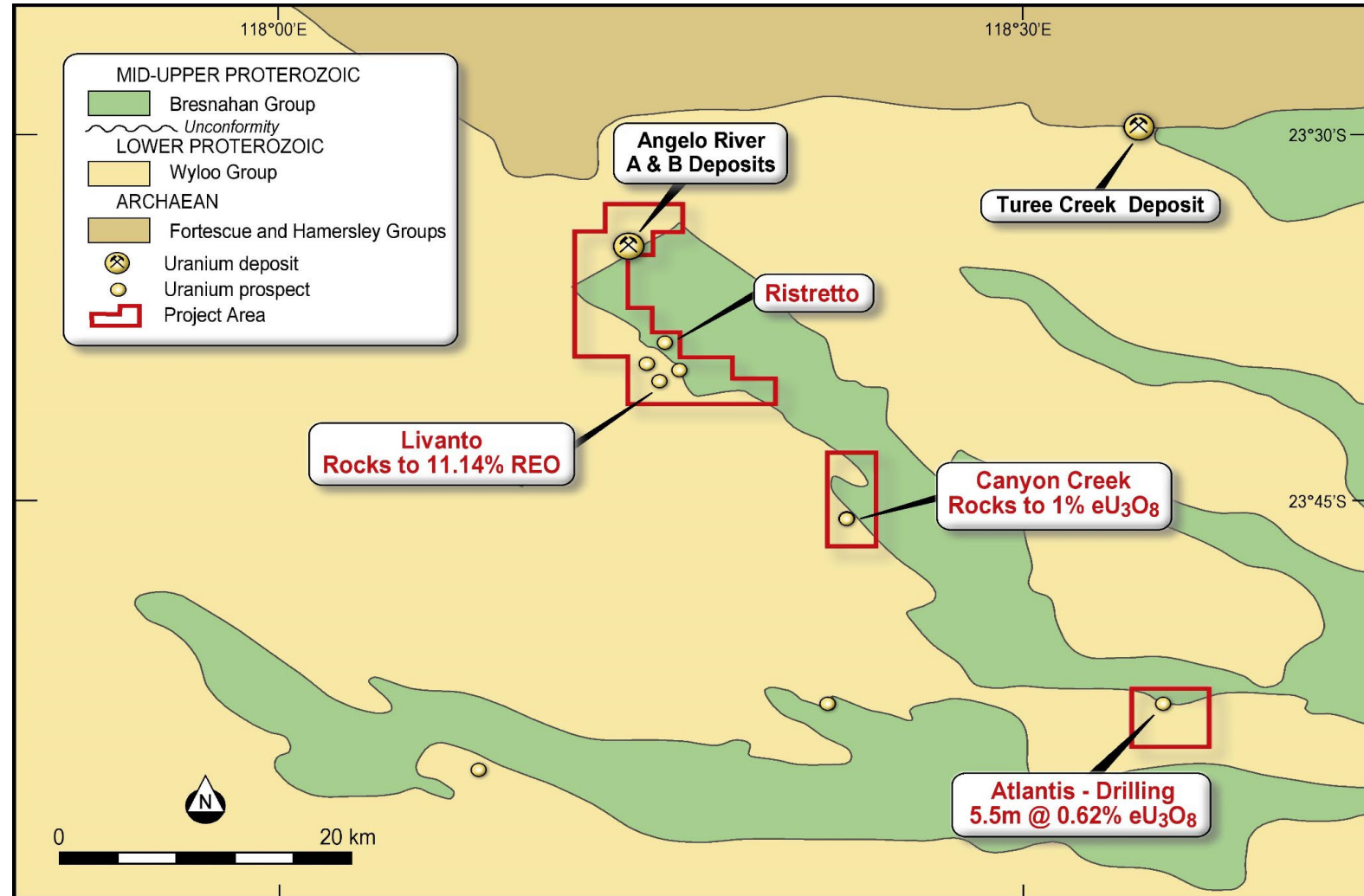
ASHBURTON PROJECT - URANIUM - AUSTRALIA



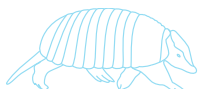
3 exploration licenses covering 122km²

- Pilbara region - Western Australia - 1,150 km N of Perth
- 14 uranium occurrences across 65 km of strike
- Prior drilling has identified significant high-grade unconformity uranium
- Sparsely explored
- Numerous high grade uranium drill hole and rock chip assays
- Multiple untested geophysical and geochemical anomalies

Potential to host mineral deposits similar to Pine Creek Geosyncline and Athabasca Basin



Simplified geology and tenement schematic of the Piche Resources Ashburton uranium projects



ASHBURTON PROJECT - URANIUM - AUSTRALIA



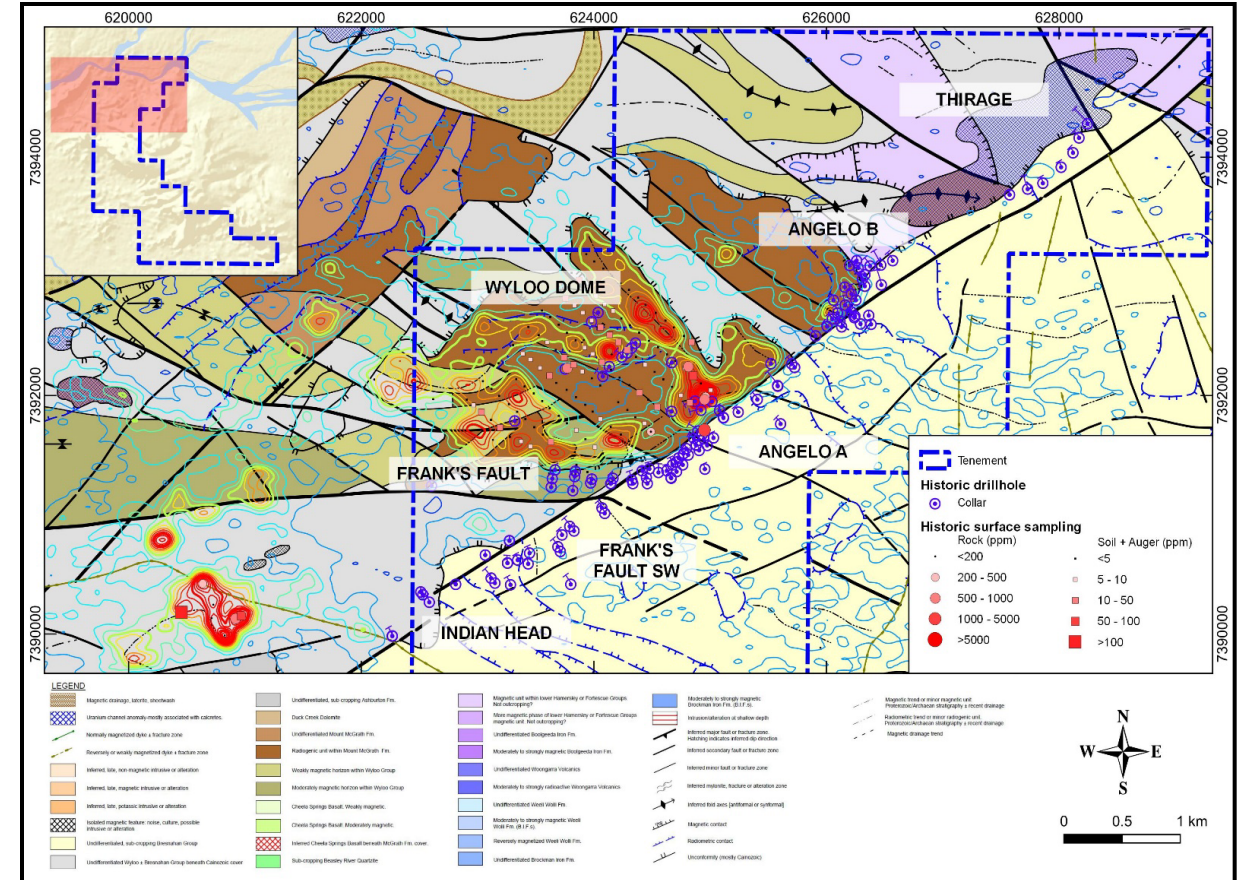
Angelo River prospects are part of a large, well mineralised uranium system

- 1978-1982, Pancontinental drilled 62 holes - 7km of BB Fault
- 71 intercepts greater than 500ppm (approx. 1.1lb U3O8 per tonne) were generated

Hole No.	From (m)	To (m)	Interval (m)	Grade (e U ₃ O ₈)
AR1004	105.00	115.50	10.50	4,380
incl	109.00	113.50	4.50	10,050
AR1009	75.50	84.50	9.00	3,490
AR1028B	119.00	124.90	5.90	3,300
AR1032	95.00	102.90	7.90	2,530
AR1033	95.10	102.70	7.60	2,530
AR2010	97.20	104.60	7.40	1,430
AR2013	72.50	87.80	15.30	1,000
and	90.00	93.70	3.70	1,170
AR2045	153.30	162.50	9.20	1,340

- Sept – Nov 2024 Piche completed 19 RC and DDH at Angelo A and B with 52 intercepts greater than 500ppm being generated with the results including:

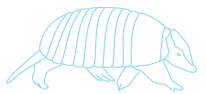
Hole No.	From (m)	To (m)	Interval (m)	Grade (e U ₃ O ₈)
ARC001	101.84	108.82	6.98	1,617
ARC002	109.89	114.25	4.36	2,205
ARC003	86.89	90.85	3.96	1,516
ARC004	83.55	89.57	6.02	801
ARC006	137.62	141.10	3.48	5,129
incl	139.11	139.45	0.34	16,050
ADD003	155.10	157.52	2.42	2,681
ADD005	114.30	124.78	10.48	1,412
ADD006	105.42	113.28	7.86	2,266
and	132.38	135.82	3.44	1,394



Angelo River prospects drill hole locations and interpreted geology

Further RC and diamond drilling is being planned for Q2-3 2025

- **SRK study** reinterpreted the structural controls of the high-grade uranium to be related to unconformity and a SE – NW regional structural trend
- Angelo River A and B mineralisation is open along strike and down dip



ASHBURTON PROJECT - URANIUM - AUSTRALIA



Multiple other prospects

- **Atlantis:** Significant drill intersections include:
 - 5.5m @ 0.62% U3O8
 - 2.2m @ 0.74% U3O8, and
 - rock chip samples of up to 37% U3O8
- **NOG:** Rock chip samples include:
 - 3.03% U3O8
 - 0.71% U3O8 and
 - 0.67% U3O8
 - associated with surface uranium radiometric anomalies
- **Canyon Creek:** Rock chip samples include:
 - 1.0 % U3O8
 - associated with surface uranium radiometric and Tempest EM anomalies
- Tempest EM identified deeper conductors with coincident surface radiometric anomalies at:
 - **Peacock**
 - **Peacock West**
 - **Ristretto and**
 - **Anomaly 22**

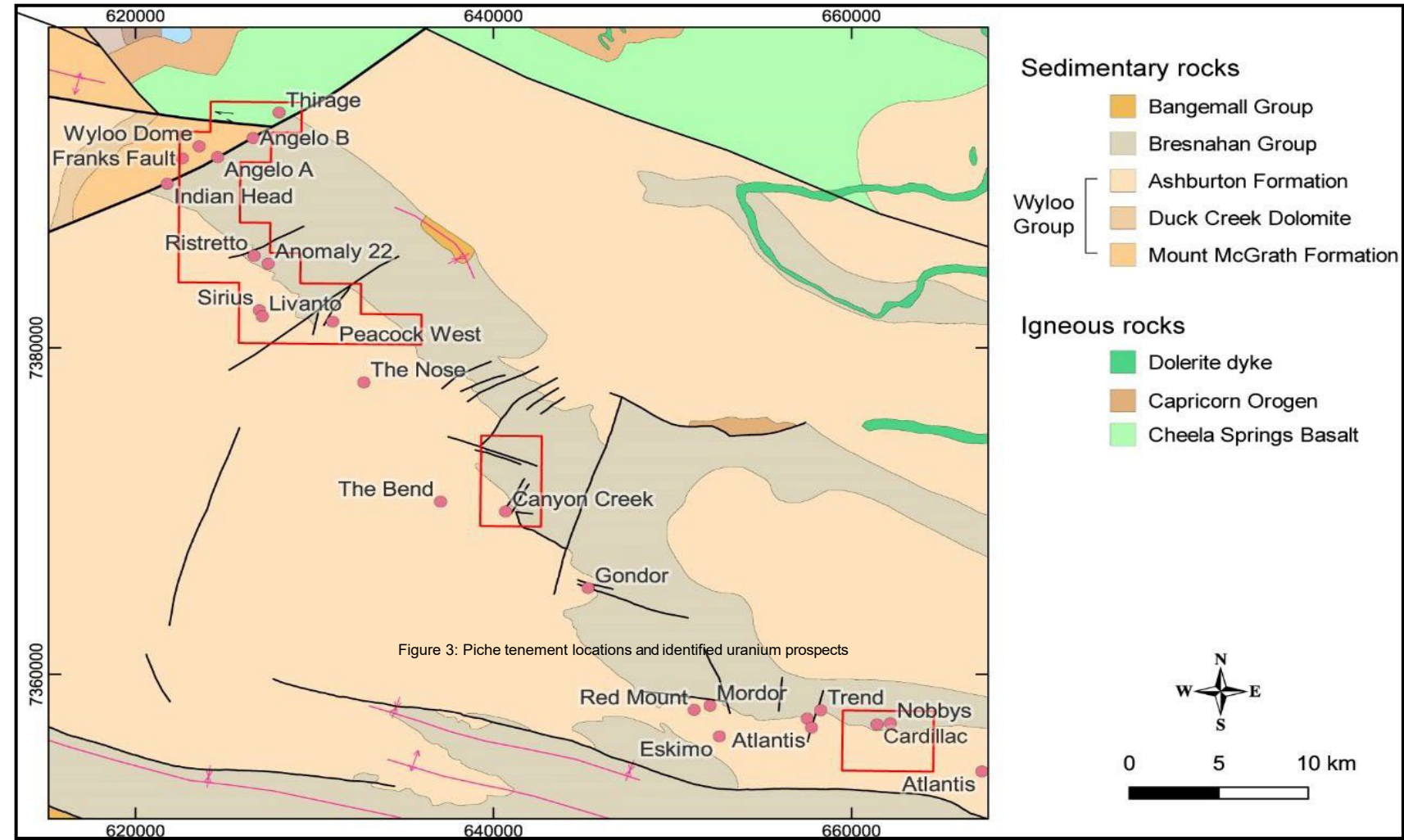
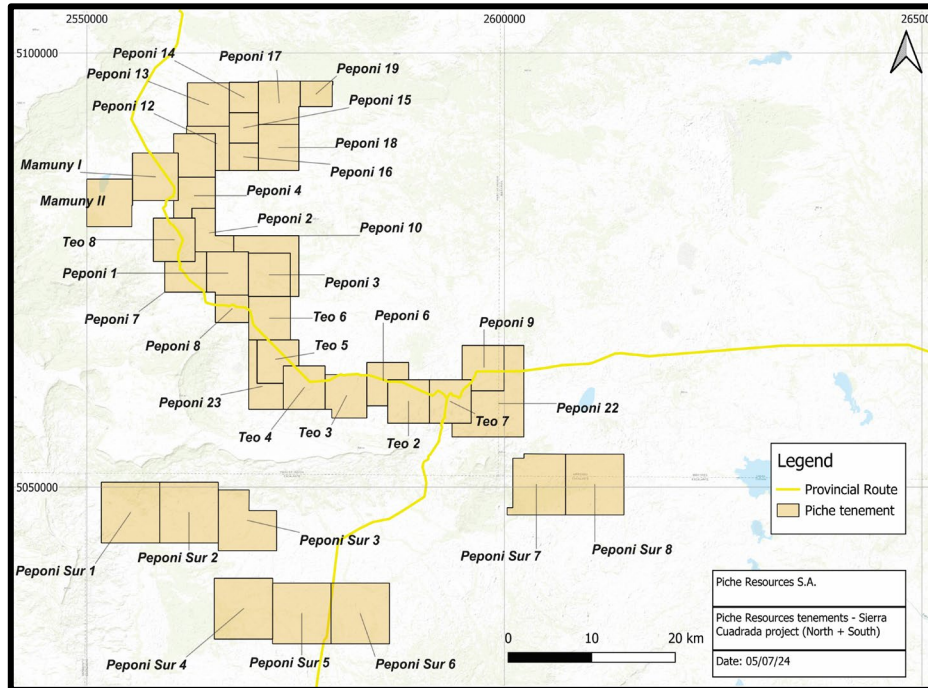


Figure 3: Piche tenement locations and identified uranium prospects
Simplified geology and tenement schematic of the Piche Resources Ashburton uranium prospects

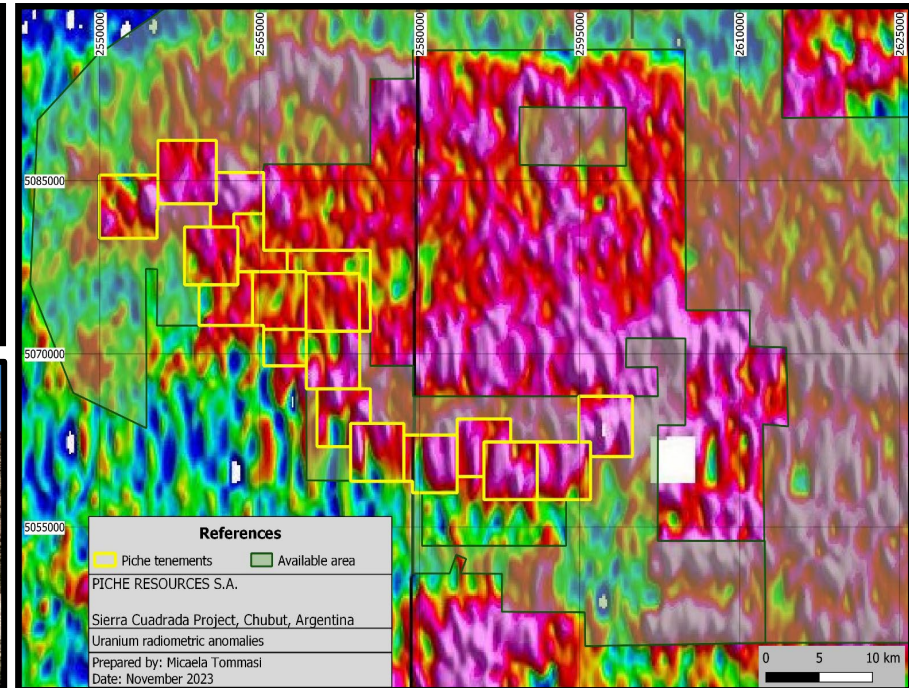
Drilling planned at Atlantis prospect for 2025



SIERRA CUADRADA PROJECT - URANIUM



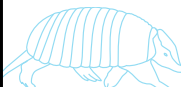
Tenement schematic of the Sierra Cuadrada uranium Projects



Sierra Cuadrada Radiometric Uranium Anomalies

- The Sierra Cuadrada Project has been expanded to 1,013.4 km² in the San Jorge Basin Cretaceous paleochannel system located 200km north of Comodoro Rivadavia
- Extensive areas of flat lying, visible uranium with assays >3000ppm U3O8
- The mineralisation occurs at varying stratigraphic levels – with possible repetitions at depth
- Potential for one or more continuous zones of U3O8 up to 30km wide and 40km long
- Mineralisation is open along strike northeast and southeast, and
- Can be delineated by shallow drilling and trenching, in short time frames and at low cost

The Sierra Cuadrada Project has significant potential to host economic uranium deposits

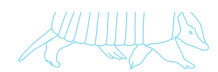
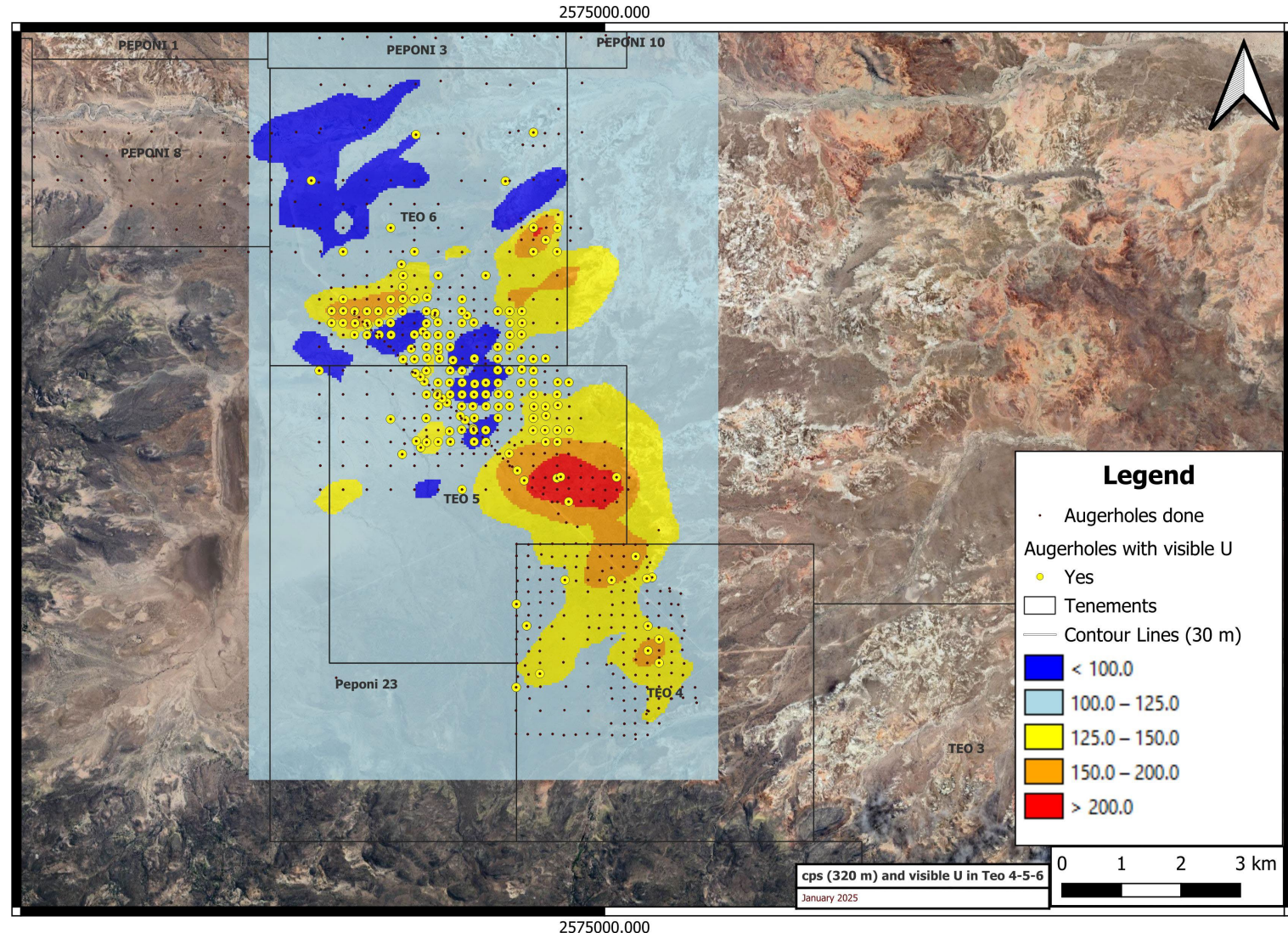


SIERRA CUADRADA PROJECT – URANIUM - ARGENTINA



Teo 5&6 prospect 2024 auger drill program

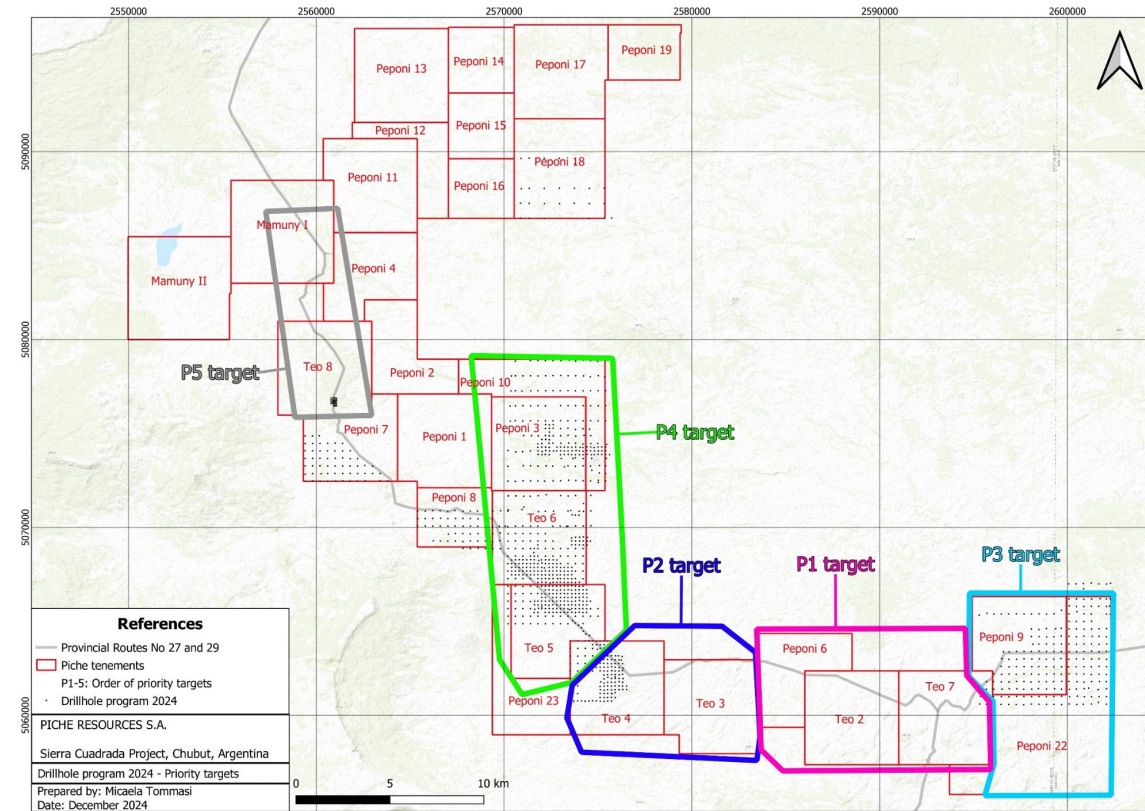
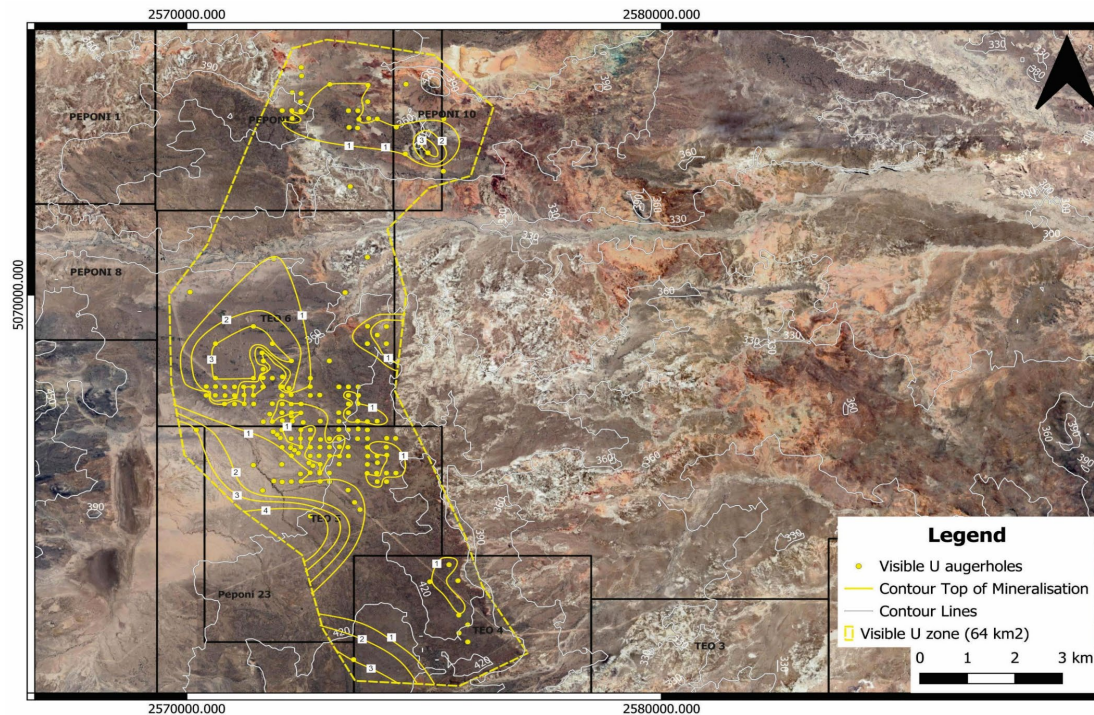
- During 2024 Piche trialled different sampling techniques at Sierra Cuadrada to test the upper 4-6 metres of the stratigraphy for shallow flat lying uranium mineralisation
- Tractor mounted auger drilling has proved very effective in testing the target horizon down to depths of 4-6 metres
- 1,000 drill holes have been completed over approx. 15% of the project area and includes a 64km² area of visible uranium minerals



SIERRA CUADRADA PROJECT - URANIUM

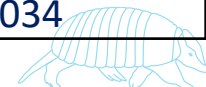


- 64km² of visible uranium defined from auger drilling on Teo 5 & 6 in upper horizon
- Multiple horizons of U mineralisation identified
 - ☐ Upper horizon between 0.5 to 4.5m
 - ☐ Lower horizon at depths of 10 to 20m depth
- 2025 programme to include RC drilling to intersect the lower horizons.
- Previously unexplored - one of four prospects first recognised and tested by Piche



2024 Auger Drilling Programme*	
# of auger holes drilled in 2024	979
Meters drilled	3,759.20
% of holes with visible U	19.3%
# of tenements tested	8
# of samples sent to lab	1,034

* only tractor-mounted auger rig



INVESTMENT OPPORTUNITY

- 1** The company has a suite of high-quality assets with two excellent thematic – uranium and gold
- 2** Assets with up to 40 years of exploration history – these are high confidence, drill ready exploration targets
- 3** PR2 has an international recognised board and management team with proven uranium, gold exploration and development experience
- 4** Strong broker and shareholder support
- 5** At a \$5m EV - Piche is an outstanding opportunity in the uranium space

