

ELECKRA
MINES LIMITED

**High Grade Gold
Discoveries -
Yamarna
Greenstone Belt**

Melbourne Roadshow
15 July 2010



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Overview

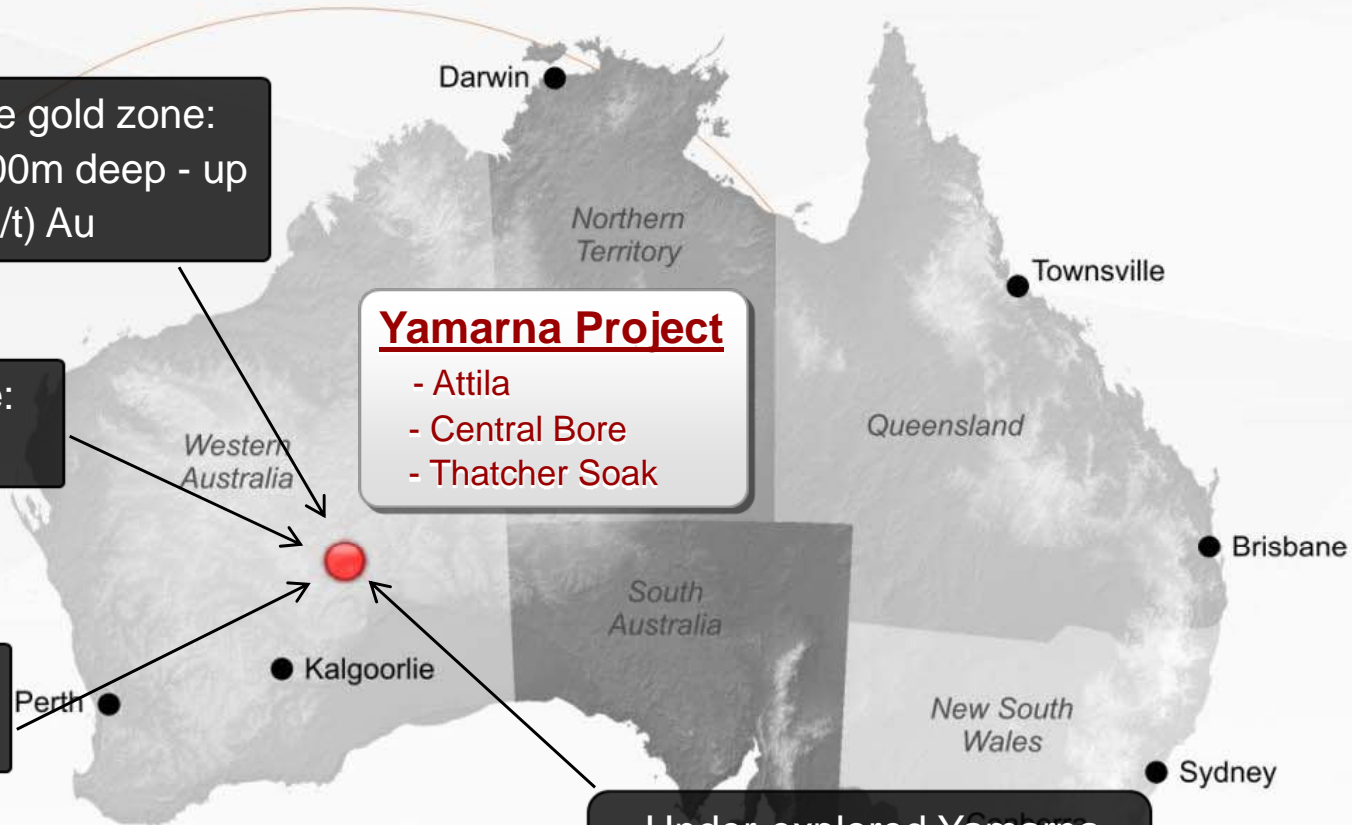
- New high-grade gold zone: 800m long x 300m deep - up to 400g/t (13oz/t) Au

- Uranium Resource: 6.2m lbs

- Gold Resource: 749,000oz

Yamarna Project

- Attila
- Central Bore
- Thatcher Soak



- Under-explored Yamarna Greenstone Belt
- Large, strategic land holding (4,500km²)
- Located around Yamarna shear zone
- Prospective tenements north of 5m oz Tropicana Project



Corporate Snapshot

ASX Code	EKM
Issued Shares	195.8m
Issued Options: <ul style="list-style-type: none"> Listed: 57,155,000 @ 7c (30/6/2011) Unlisted: 19,200,000 @ 7c to 37c (up to 30/06/2014) 	76m
Share Price on 30 June 2010	A\$0.105
Market Capitalisation @ 30 June 2010	A\$21m
Net Cash 1 April 2010	A\$2.8m

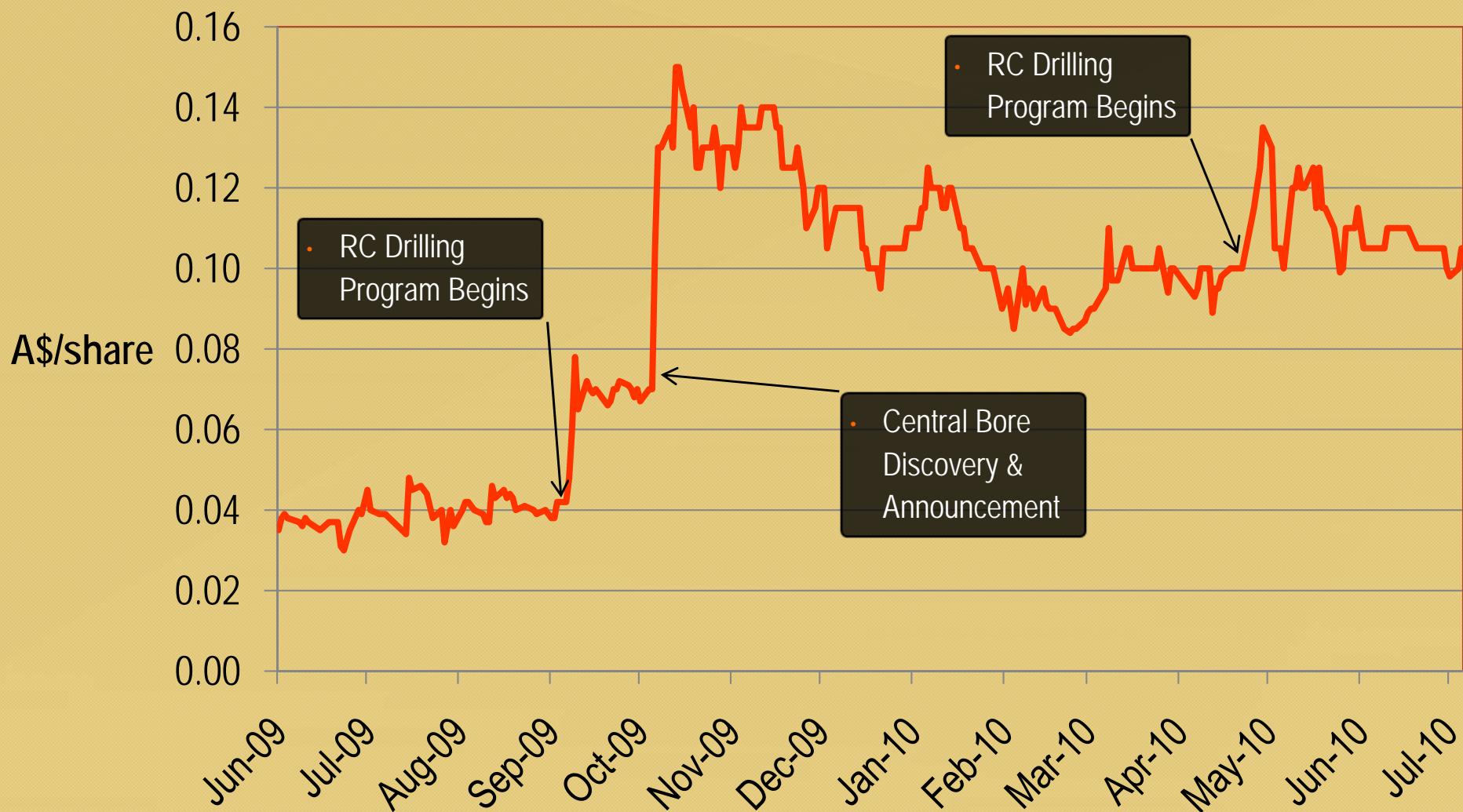
Directors & Management

Ian Murray – Executive Chairman
 Russell Davis – Non-executive (founding director)
 Kevin Hart – Non executive & Company Secretary
 Martin Pyle – Non-executive
 Ziggy Lubieniecki – General Manager

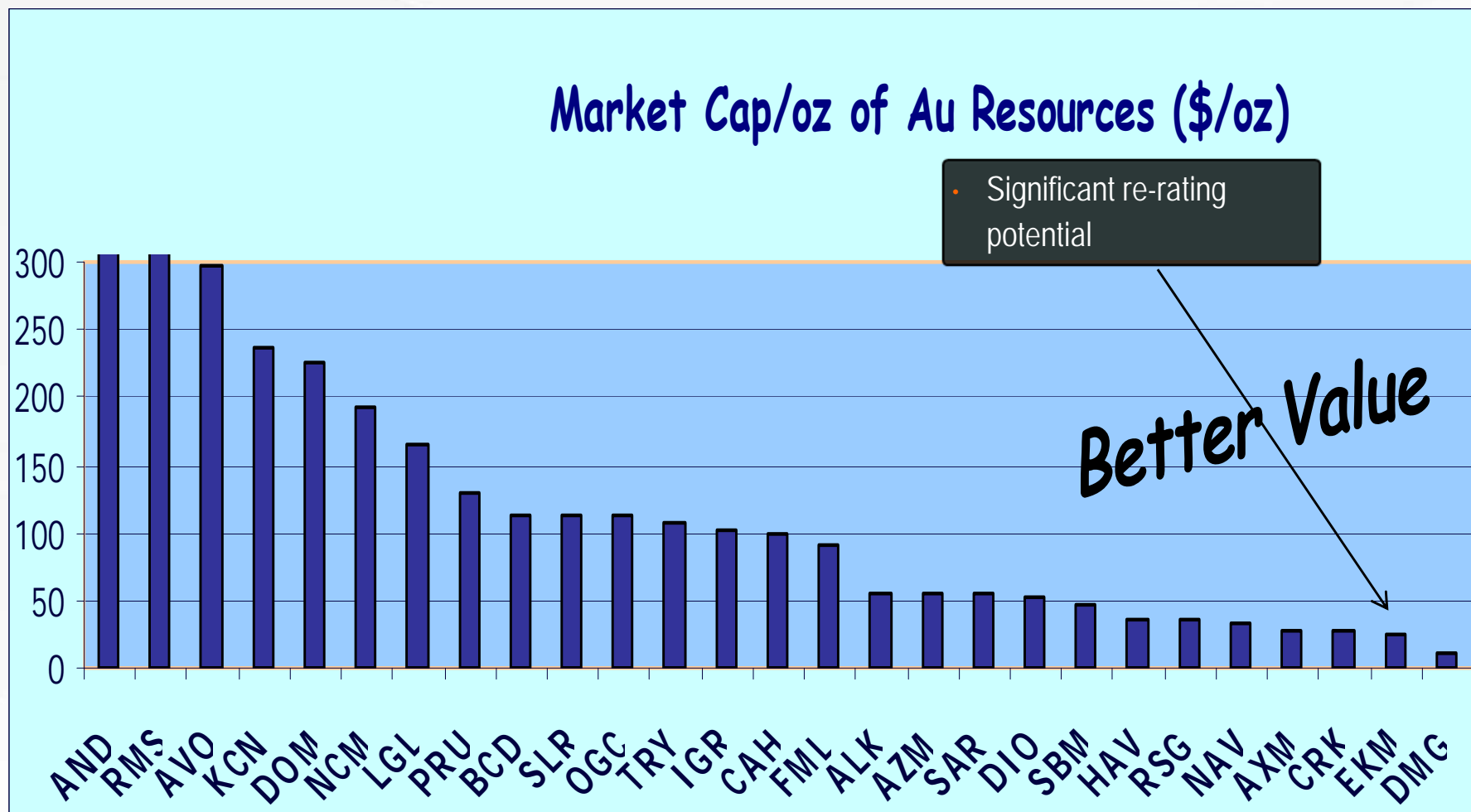
SHAREHOLDER NAME	NUMBER (M)	% ISSUED
Directors & Associates	15.87	8.10%
Perth Select Seafoods	10.02	5.12%
Geiger Counter Fund	7.91	4.04%
Asarco Expl Co Inc	5.00	2.55%
Haifa Pty Ltd	4.81	2.46%

Share Price Performance – One Year

Eleckra Share Price



Peer Comparison



•Source: Strachan Corporate

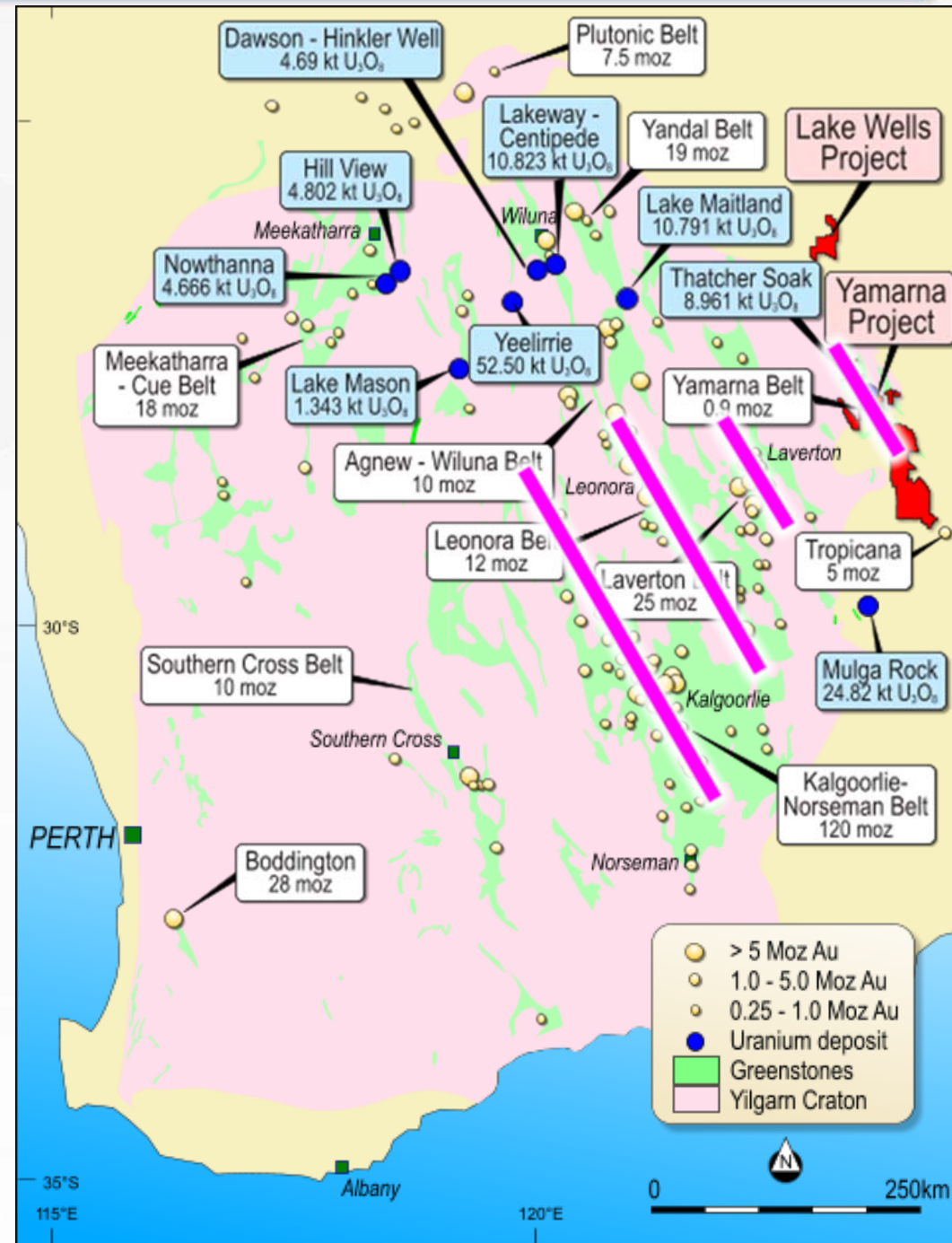
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Under-explored
Greenstone belt



Yamarna Belt Prospectivity

- Strategic control of under-explored Yamarna greenstone belt in Yilgarn Craton
- Yilgarn Craton hosts world-class gold orebodies and produces over half of Australia's gold
- Potential for multi-million ounce gold camp
- Contains calcrete uranium prospects
- Yamarna greenstone belt is contemporaneous with Kalgoorlie and Leonora greenstones
- Yamarna Shear Zone is a broad, regional-scale ~500km-long, east-dipping structure, flooring into a detachment at a depth of 35km



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Gold Resource & Exploration Programs:

High Grade Discovery at
Central Bore (2009)

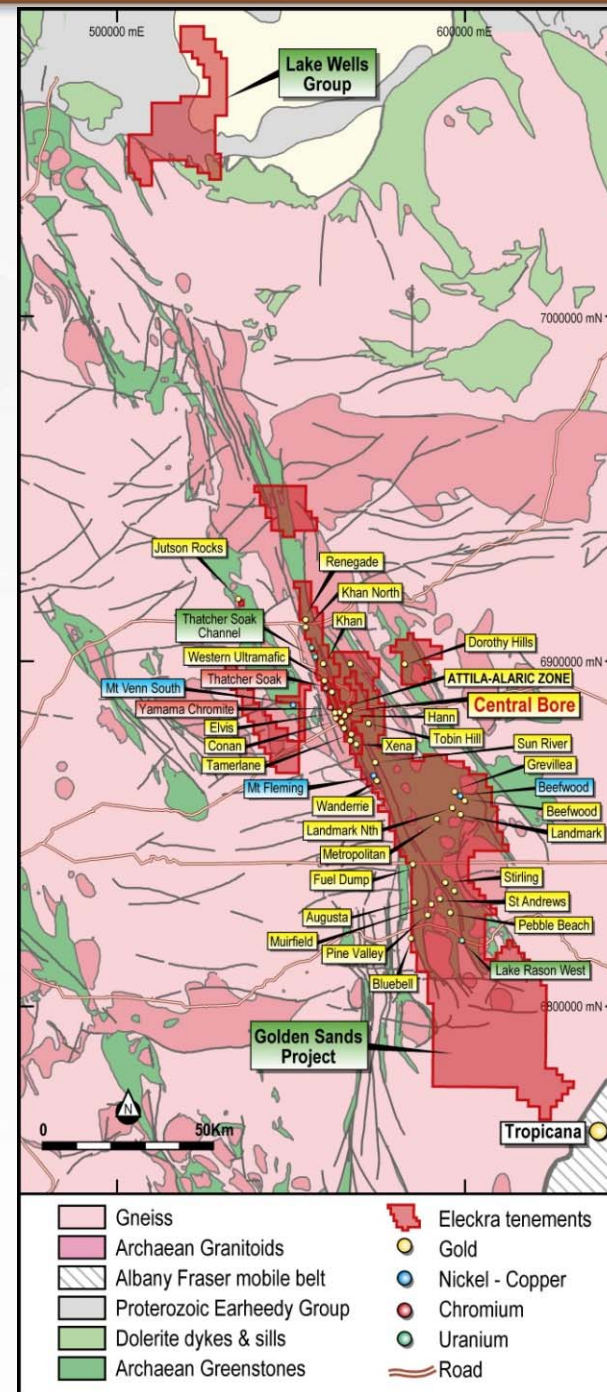
Continued discoveries in 2010
(Central Bore & Hann)



Yamarna Gold Resource

YAMARNA MINERAL RESOURCE SUMMARY			
Mineral Resources		at 1.0g/t Au Cut Off	
Category	000t	Grade g/t Au	Ounces
Measured	5,027	1.75	283,000
Indicated	3,745	1.75	211,000
Inferred	4,356	1.82	255,000
TOTAL *	13,128	1.78	749,000

* *2009/2010 high-grade results from Central Bore to increase gold resources at higher average grade*



Yamarna Key Gold Target Areas

Central Bore / Byzantium / Hann Prospects

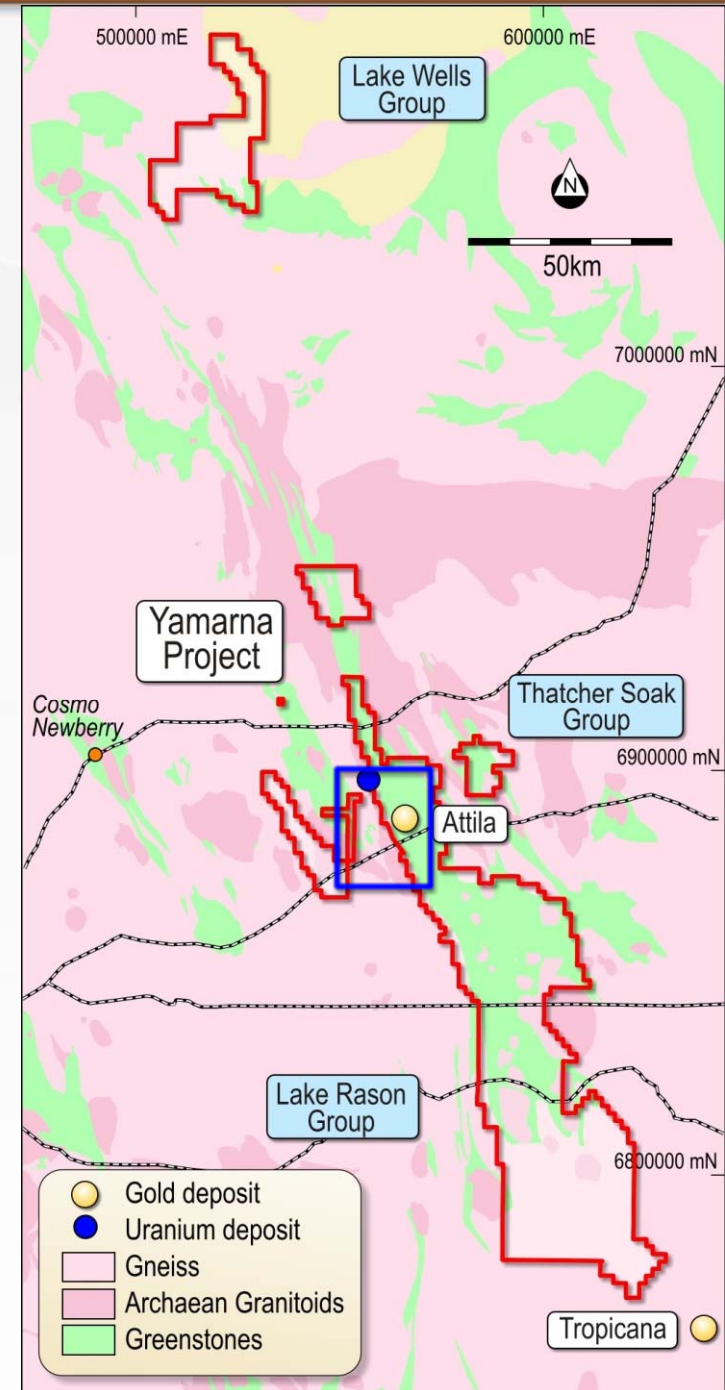
- Virgin high-grade gold discovery >100g/t in RC drilling
- Mineralisation commences from surface
- Multiple parallel veins considered likely

Attila-Alaric Corridor:

- Established gold resources
- Priority targets recently RC drill tested
- High grade mineralised shoots identified

Khan North & Tamerlane

- Northern & southern extensions of main Yamarna trend



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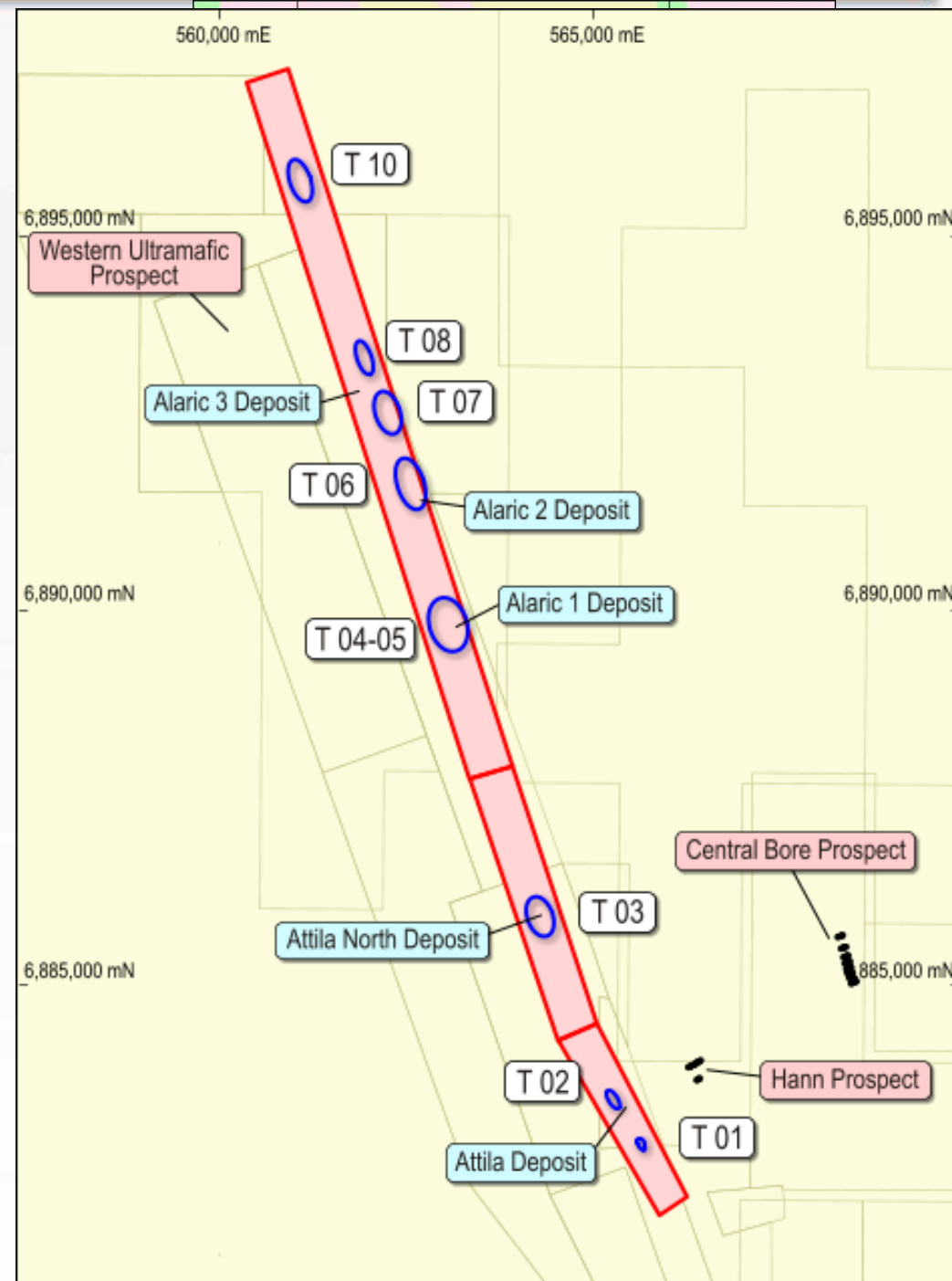
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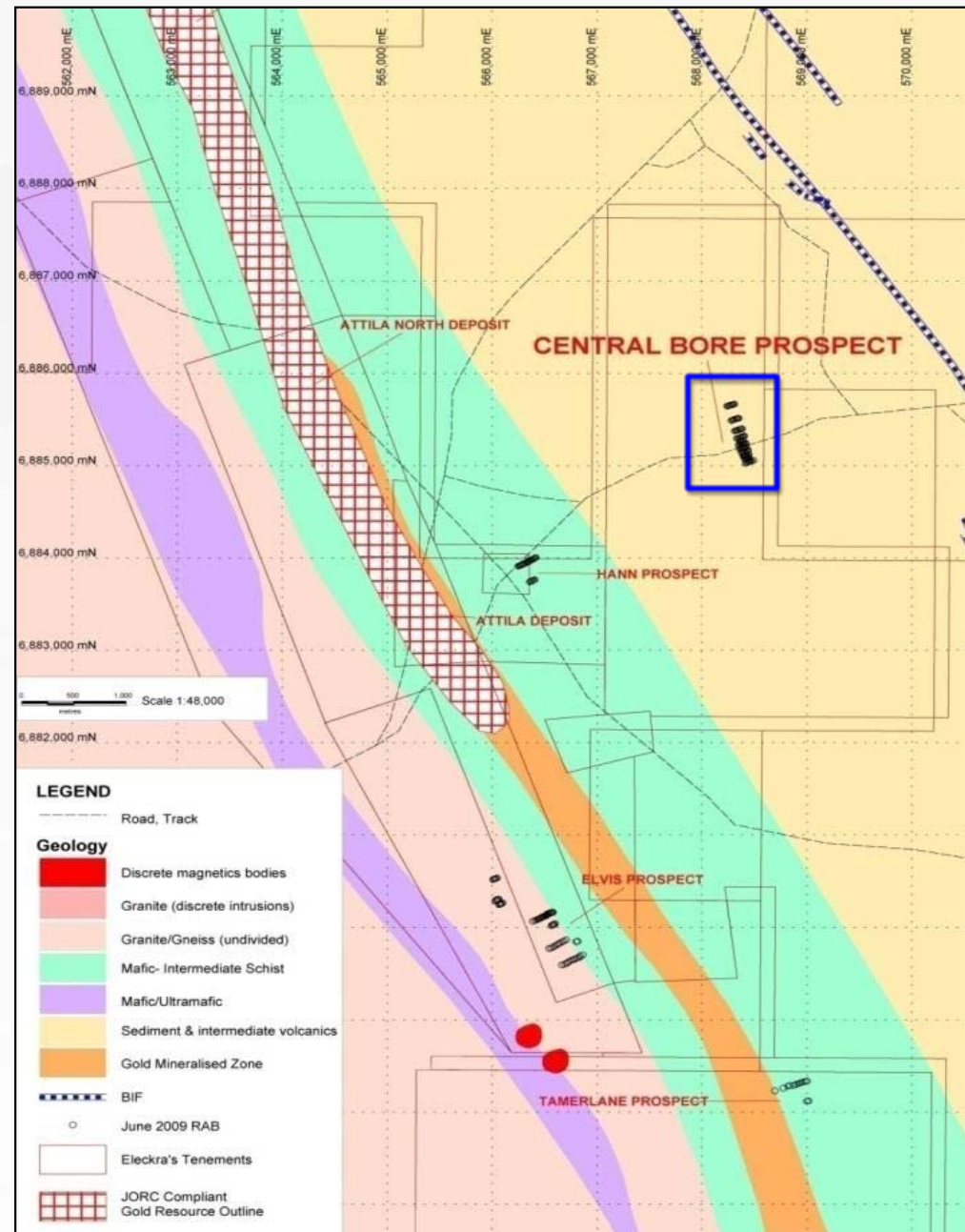
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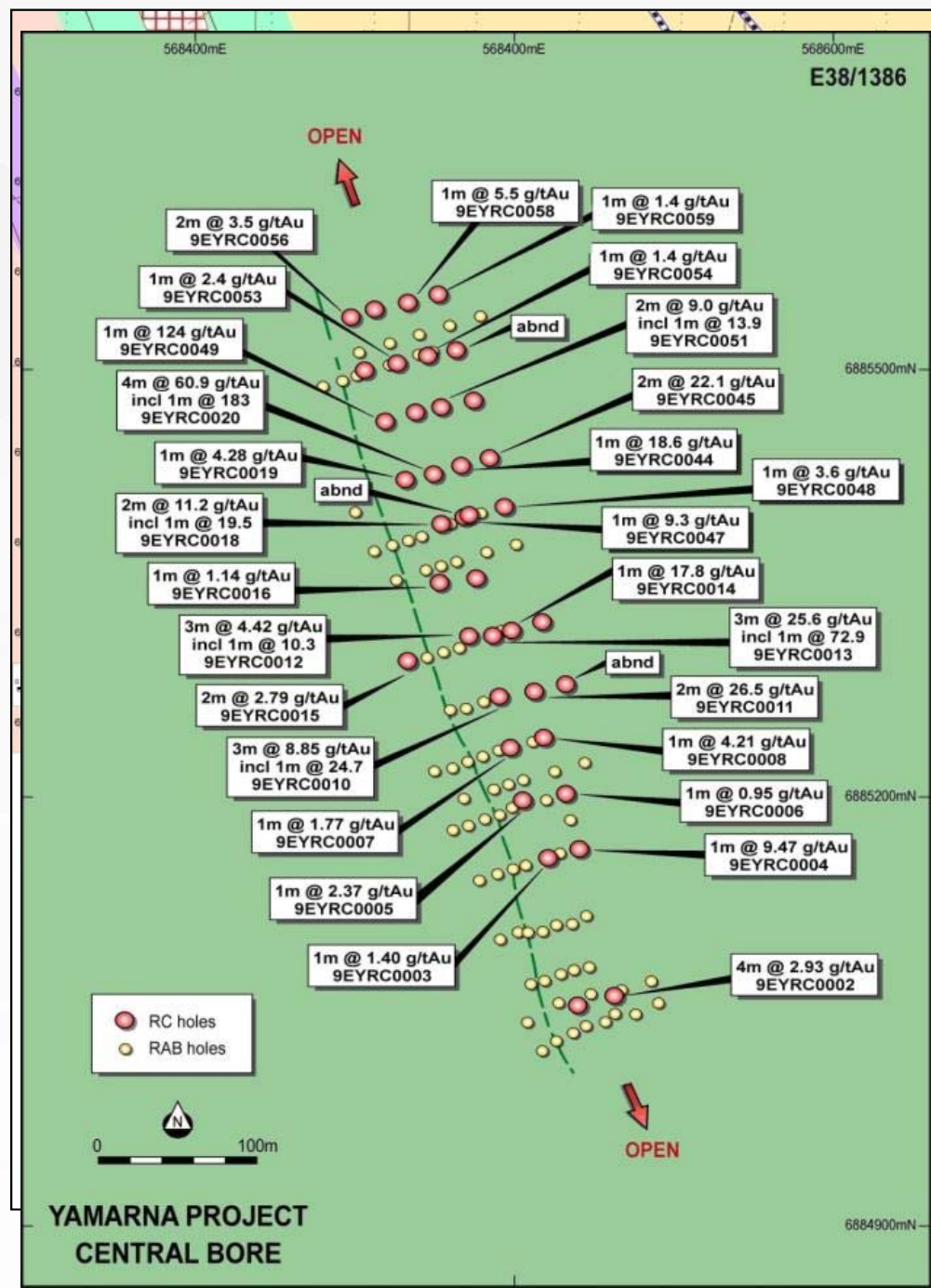
Central Bore - High Grade RC Gold Results

- September / October 2009 RC Drilling:
 - 3,900m of drilling, 39 holes
 - Strike confirmed over 500m
 - Very high-grades intersected at Central Bore include:
 - 4m at 60.9 g/t Au from 64m, incl. 1m at **182.8g/t**;
 - 1m at **124g/t** from 35m;
 - 3m at 25.6g/t Au from 75m, incl. 1m at 72.85g/t;
 - 2m at 26.5g/t Au from 100m, incl. 1m at 41.99g/t;
 - 2m at 22.1g/t from 152m, incl. 1m at 33.0g/t;
 - 3m at 8.85g/t Au from 57m, incl. 1m at 24.7g/t;
 - 2m at 11.2g/t Au from 46m, incl. 1m at 19.5g/t;
 - 1m at 18.6g/t Au from 99m;
 - 2m at 9.0g/t Au from 132m, incl. 1m at 13.9g/t;
- Additional drilling program commenced in April 2010



Central Bore - High Grade RC Gold Results

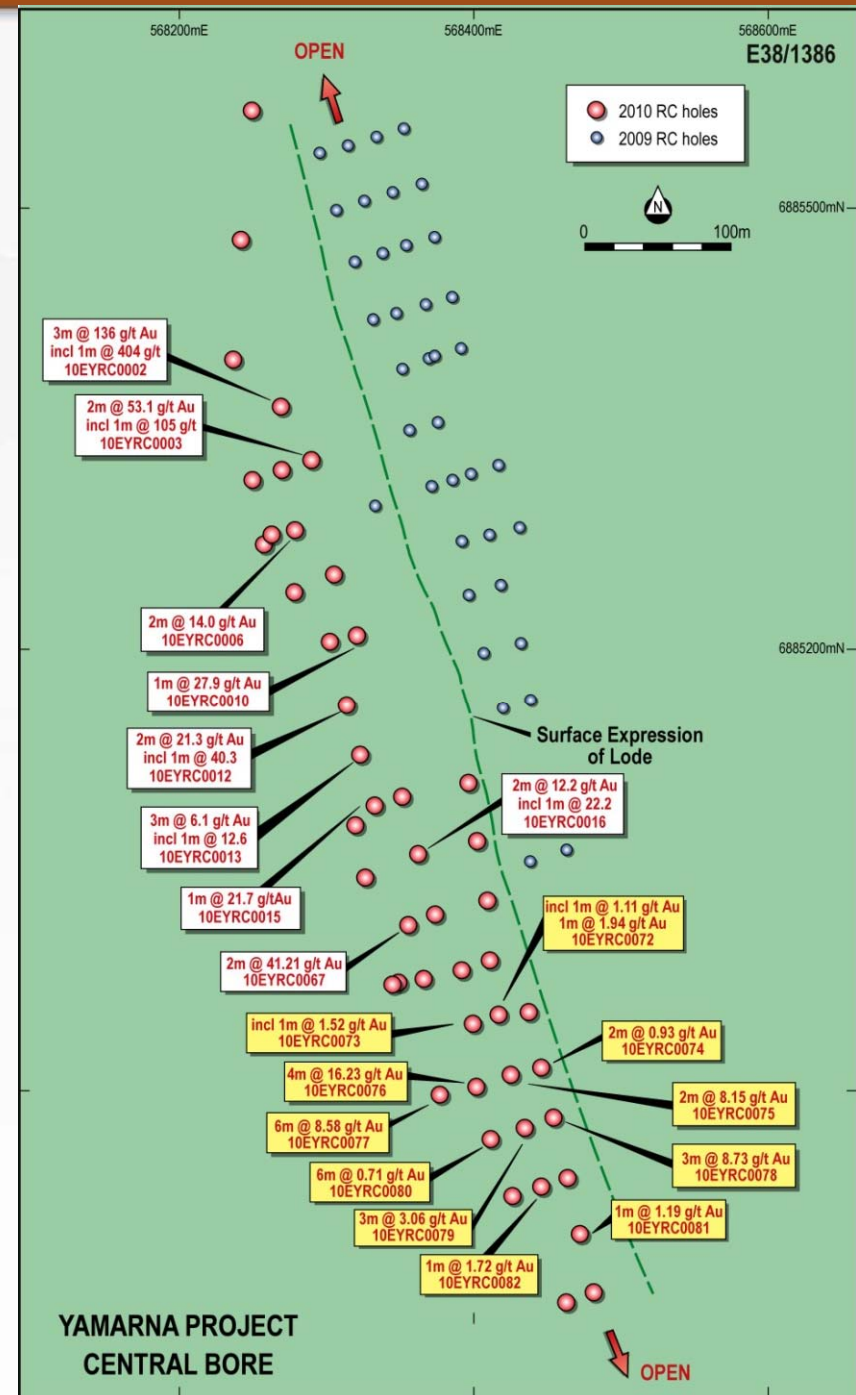
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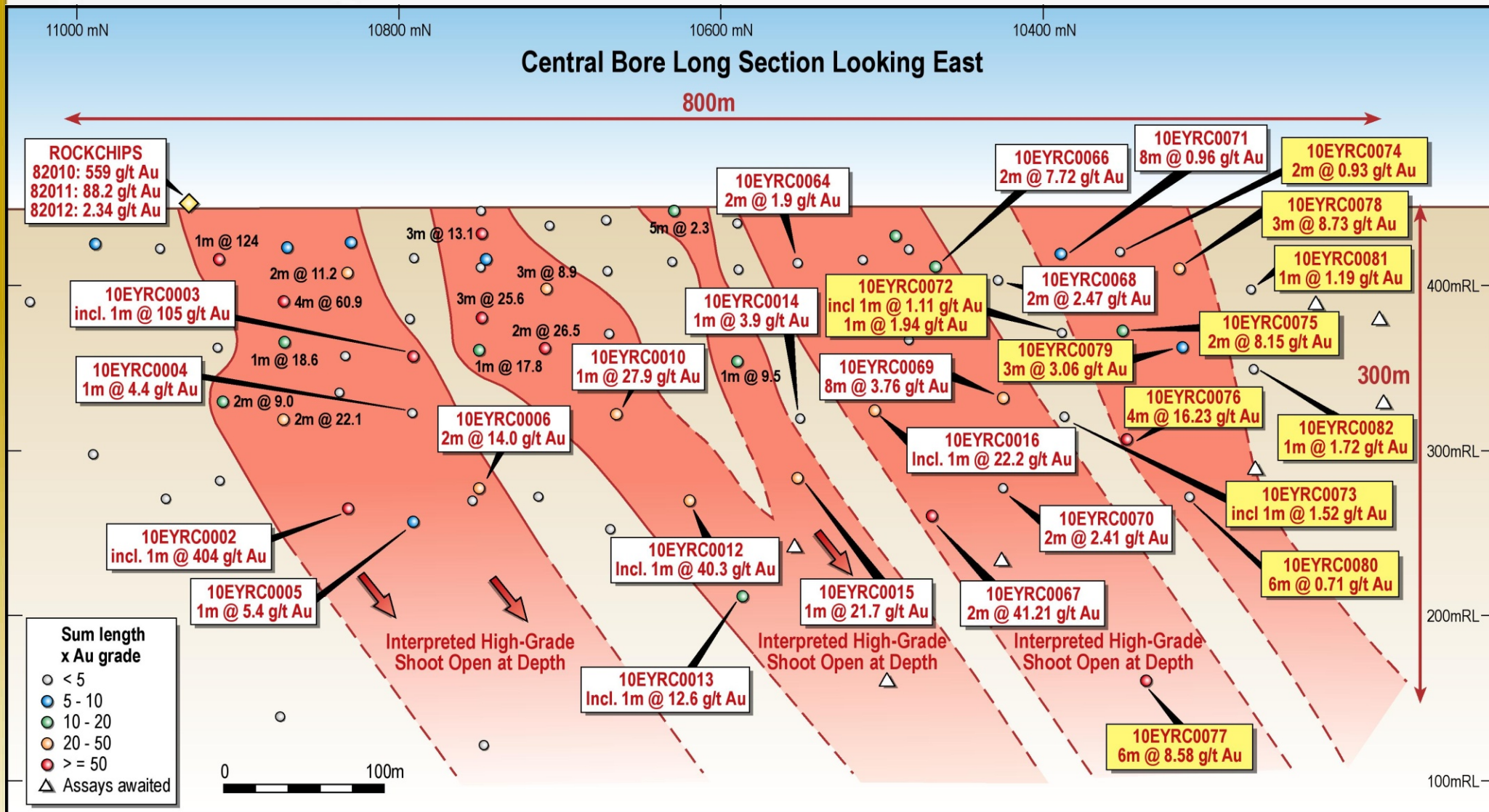
Central Bore - High Grade RC Gold Results

• April / May / June 2010 RC Drilling:

- ~8,100m of drilling, 48 holes;
- To test depth & strike continuity;
- Abundant visible gold panned;
- Assay results from 37 holes received;
- Bonanza high-grades intersected:
 - 3m at 136 g/t Au from 192m, incl. 1m at **404g/t**;
 - 2m at 53g/t from 104m, incl. 1m at **105g/t**;
 - 2m at 14.0 g/t from 188m, incl. 1m at 40g/t;
 - 1m at 27.9 g/t from 188m, incl. 1m at 40.3 g/t;
 - 2m at 21.3 g/t from 188m, incl. 1m at 40.3 g/t;
 - 3m at 6.1 g/t from 188m, incl. 1m at 12.6 g/t;
 - 1m at 21.7 g/t from 188m, incl. 1m at 40.3 g/t;
 - 2m at 41.21 g/t from 188m, incl. 1m at 70g/t;
 - 2m at 41g/t from 201m, incl. 1m at 70g/t;
 - 4m at 16g/t from 157m, incl. 1m at 49g/t
 - 6m at 9g/t from 290m, incl. 2m at 18g/t.
- Remaining 11 assay results expected late July/ early August

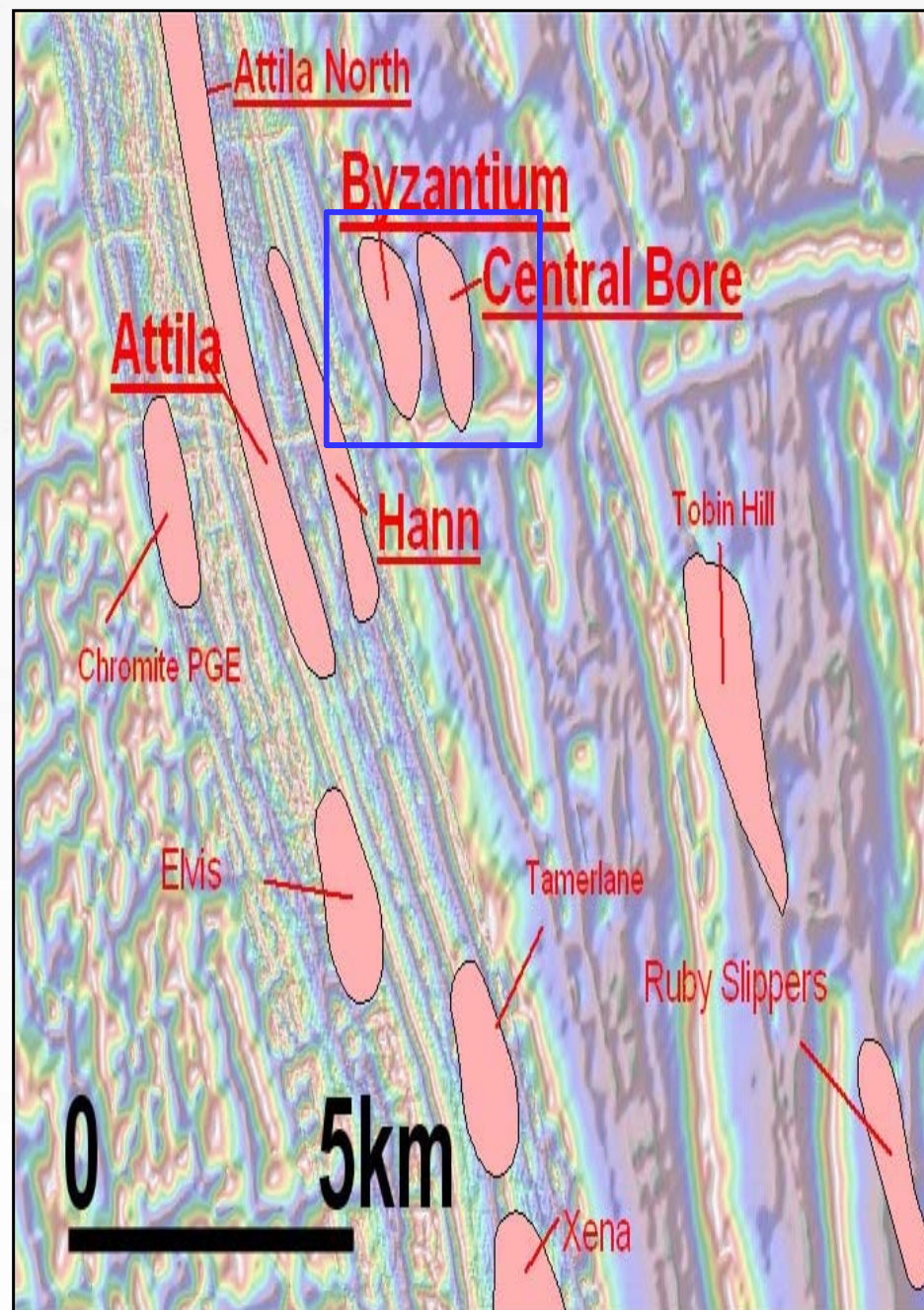


Central Bore – Long Section



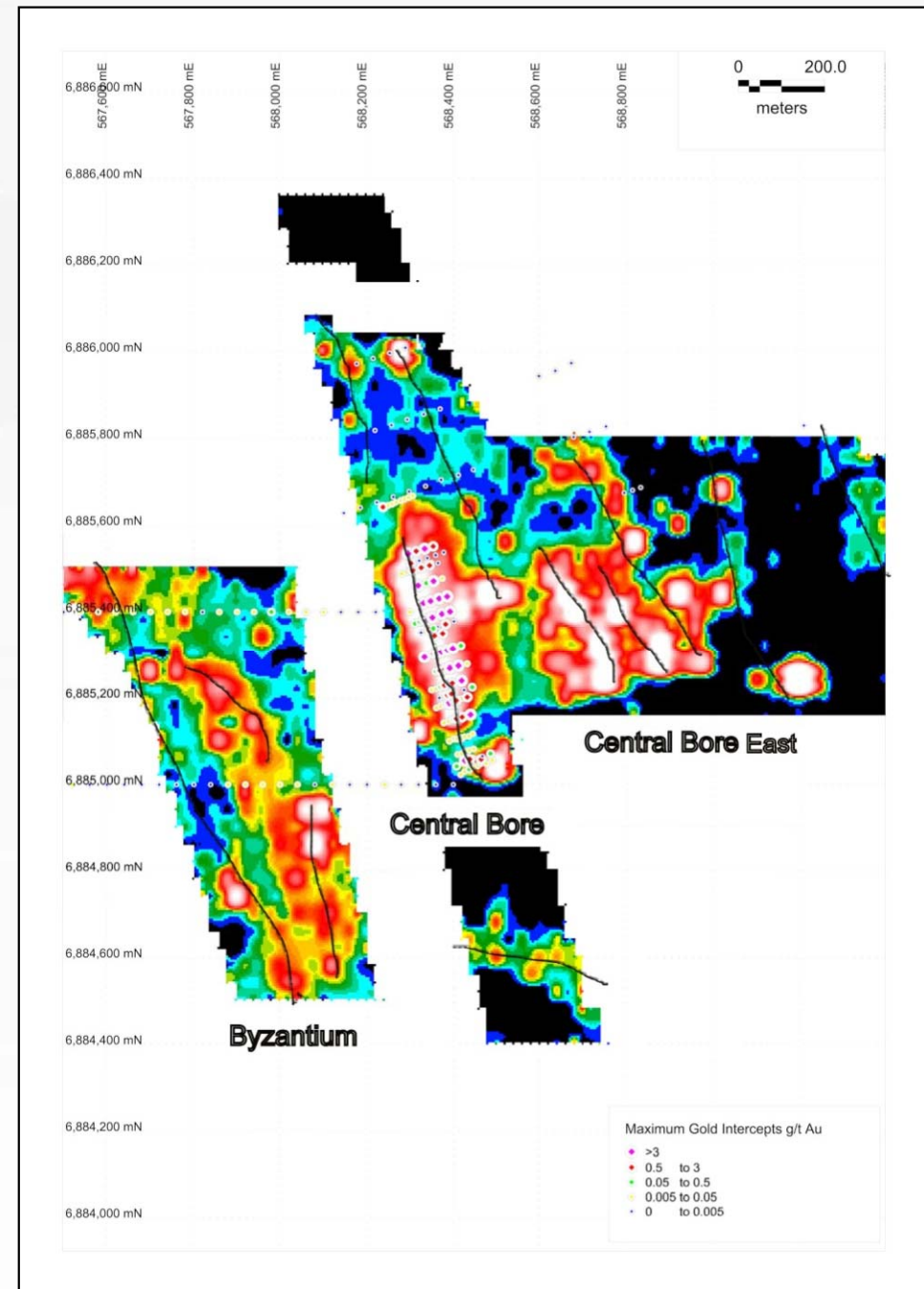
Byzantium & Central Bore East Prospects

- Soil geochemical surveys in 2009 / 2010 identified three additional targets near Central Bore:
 - **Byzantium Prospect:**
 - 500m west of Central Bore;
 - 1km long gold anomaly;
 - Elevated gold grades of up to 0.14g/t.
 - **Central Bore East:**
 - 200m east of Central Bore;
 - ~6 new anomalies;
 - 600 metres long;
 - Elevated gold grades of up to 0.84g/t.



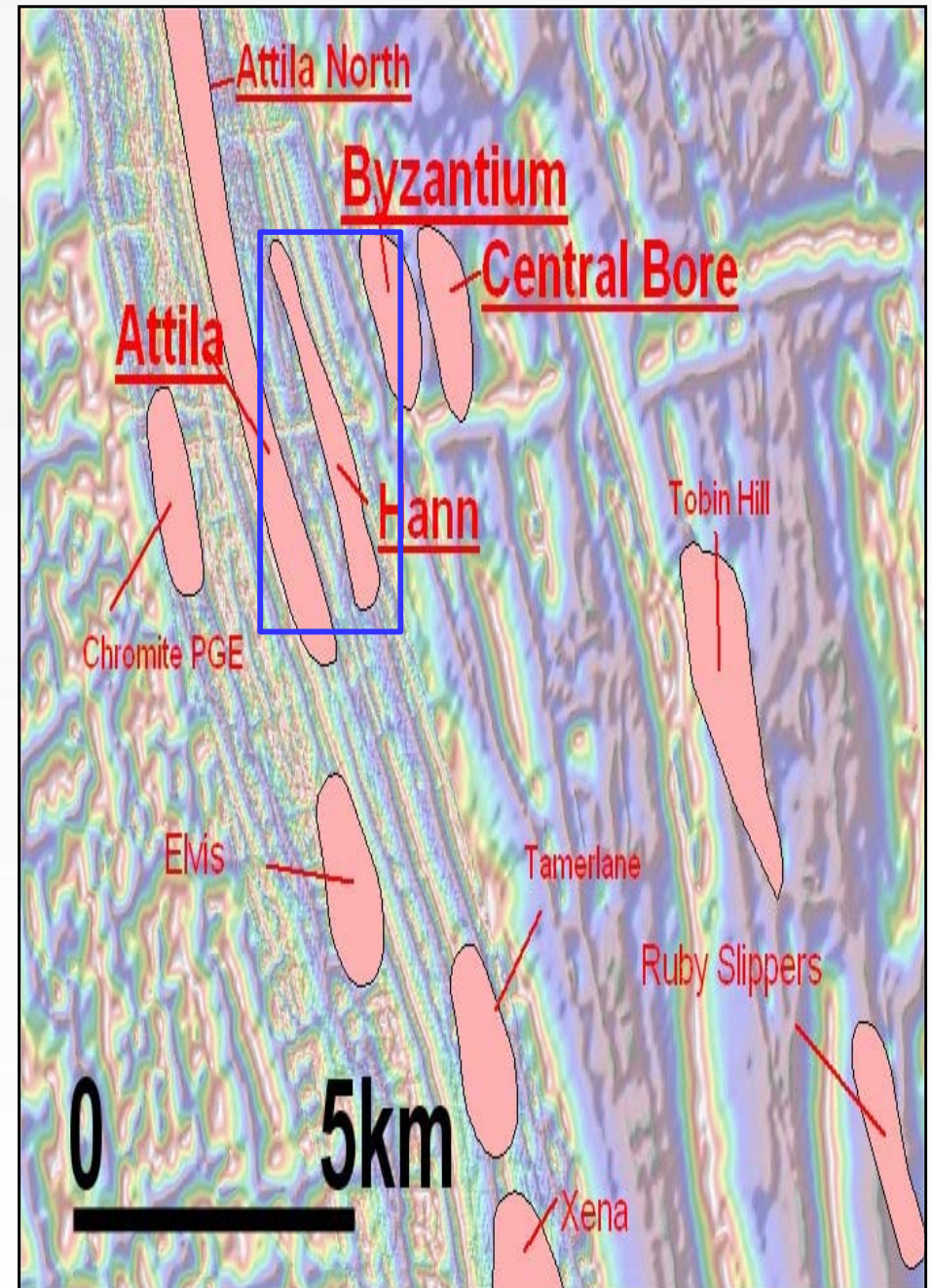
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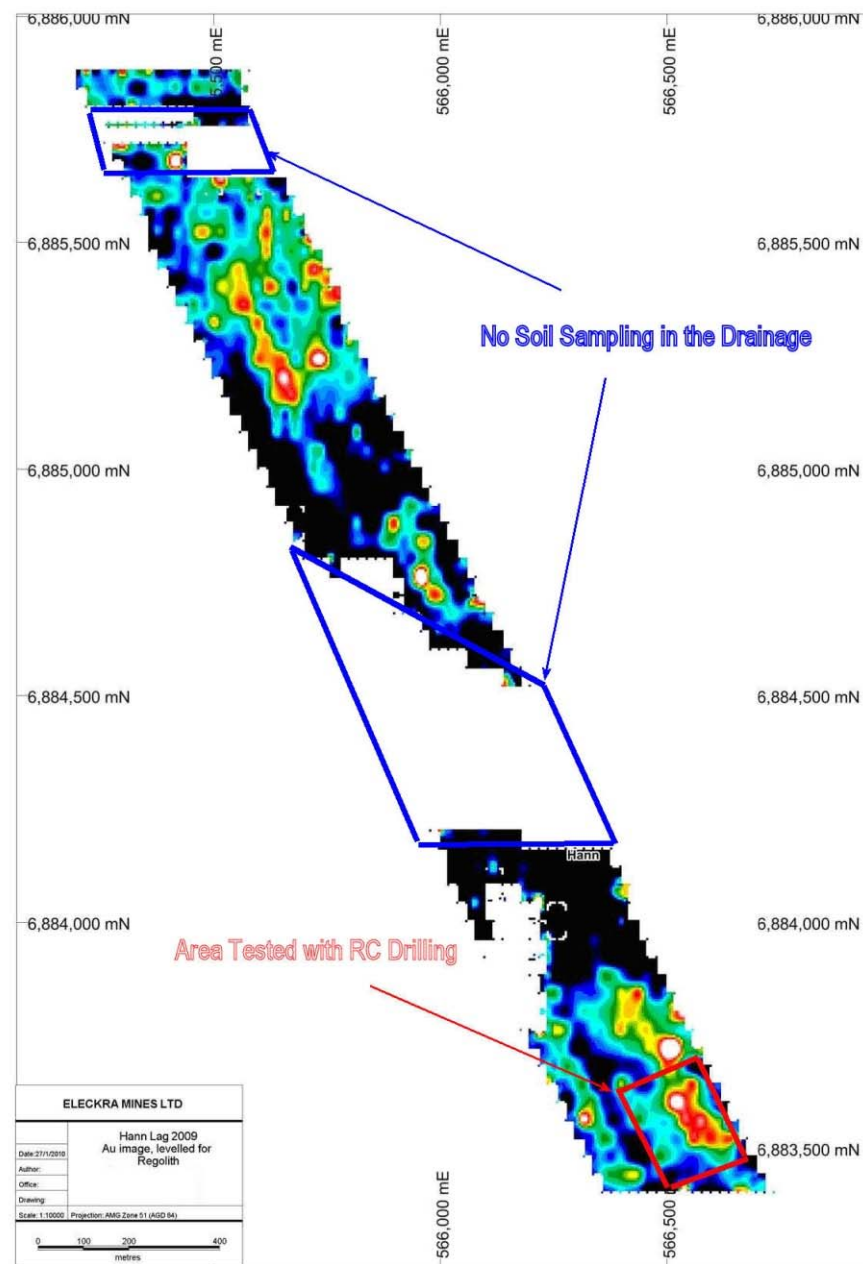
Hann Prospect

- Hann Prospect:
 - 2.4km west of Central Bore, 1.1km east of Attila Gold Deposit;
 - 2.8km long gold anomaly, three parallel gold anomalies identified;
 - Stronger eastern gold anomaly coincident with arsenic trend;
 - Surface grades up to 2.1g/t Au
- 1-metre channel soil sampling done over certain Hann gold anomalies:
 - Grades up to **361g/t Au**, 19g/t Au, 16g/t Au, 8.4g/t Au, 3.5g/t Au, 2.3g/t Au, 2.1g/t Au, 1.6g/t Au, 1.3g/t Au, 1.1g/t Au and 1.0g/t Au, each over 1 metre sample intervals



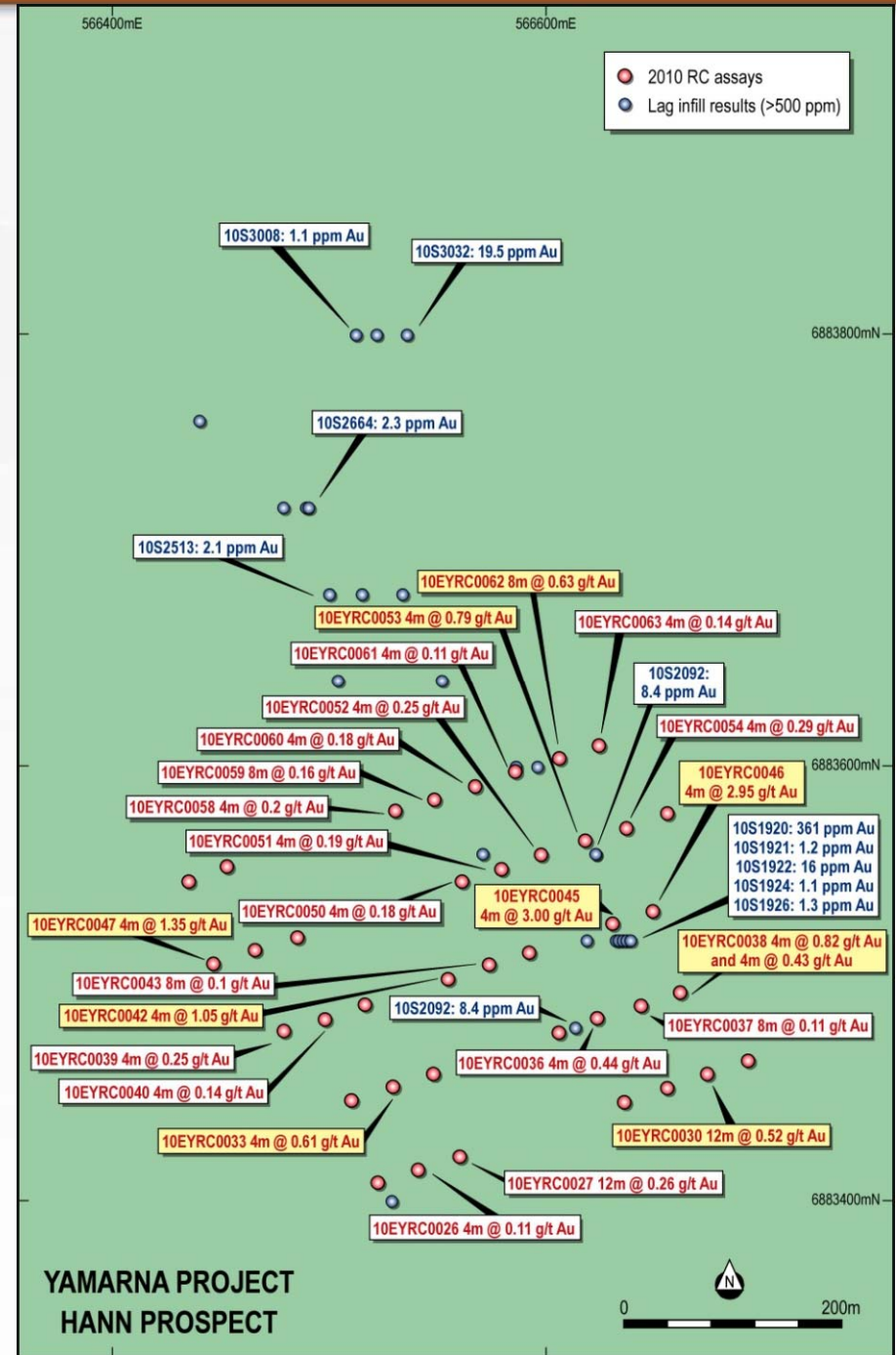
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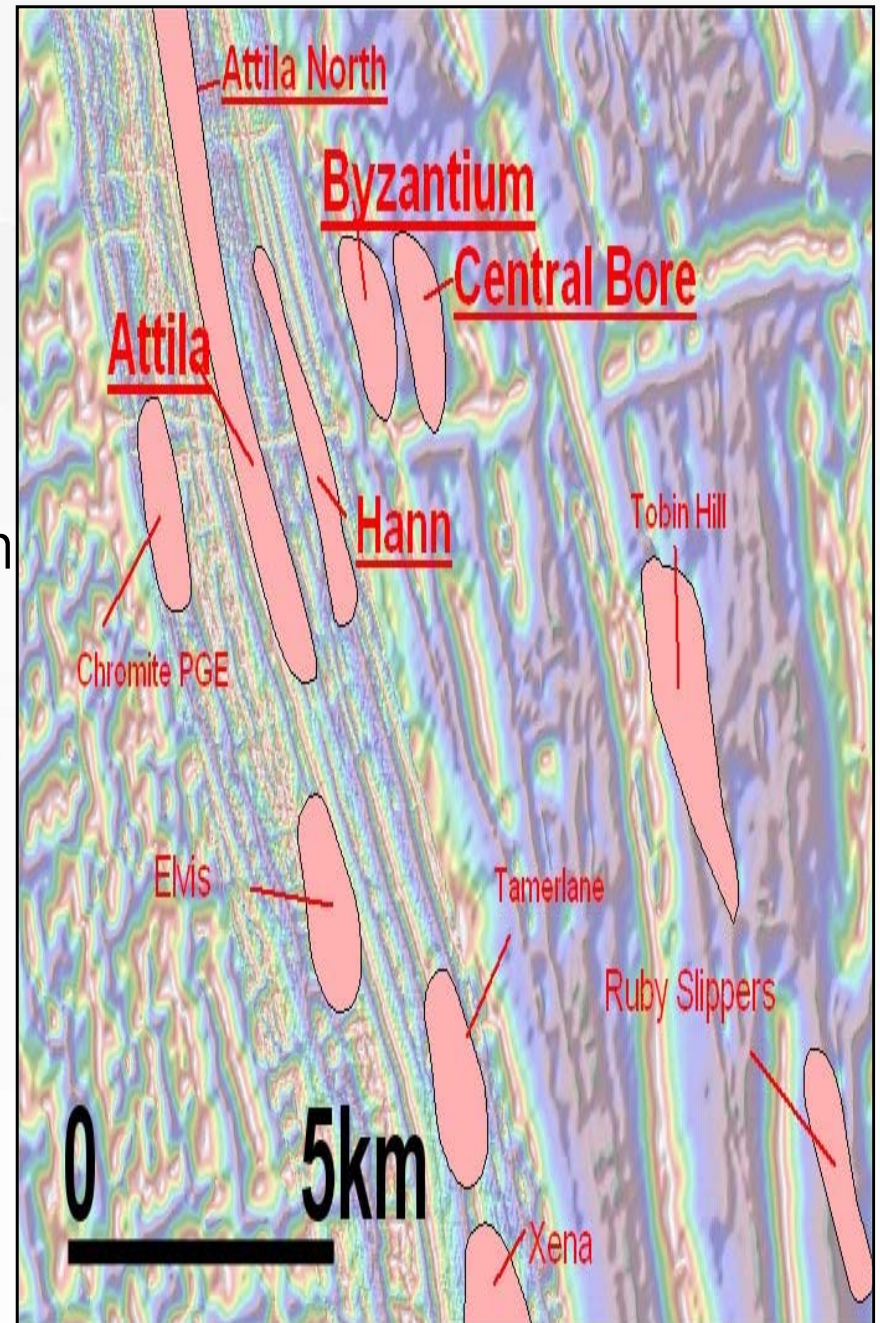
Hann Prospect – New Gold Discovery

- Highlights:
 - 39 shallow 60m RC holes for 2,340 metres;
 - Five fences at southern portion;
 - New gold discovery confirmed;
 - Significant gold assays reported in 4 composite samples;
 - Best 4m composite sample = 4m at 3.0g/t from 28m;
 - 1m resamples to be assayed to test for Central Bore type structure .
- Significant results include:
 - 4m at 3.00 g/t Au from 29m;
 - 4m at 2.95g/t Au from 32m;
 - 4m at 1.35g/t Au from 32m
 - 4m at 1.06g/t Au from 40m.



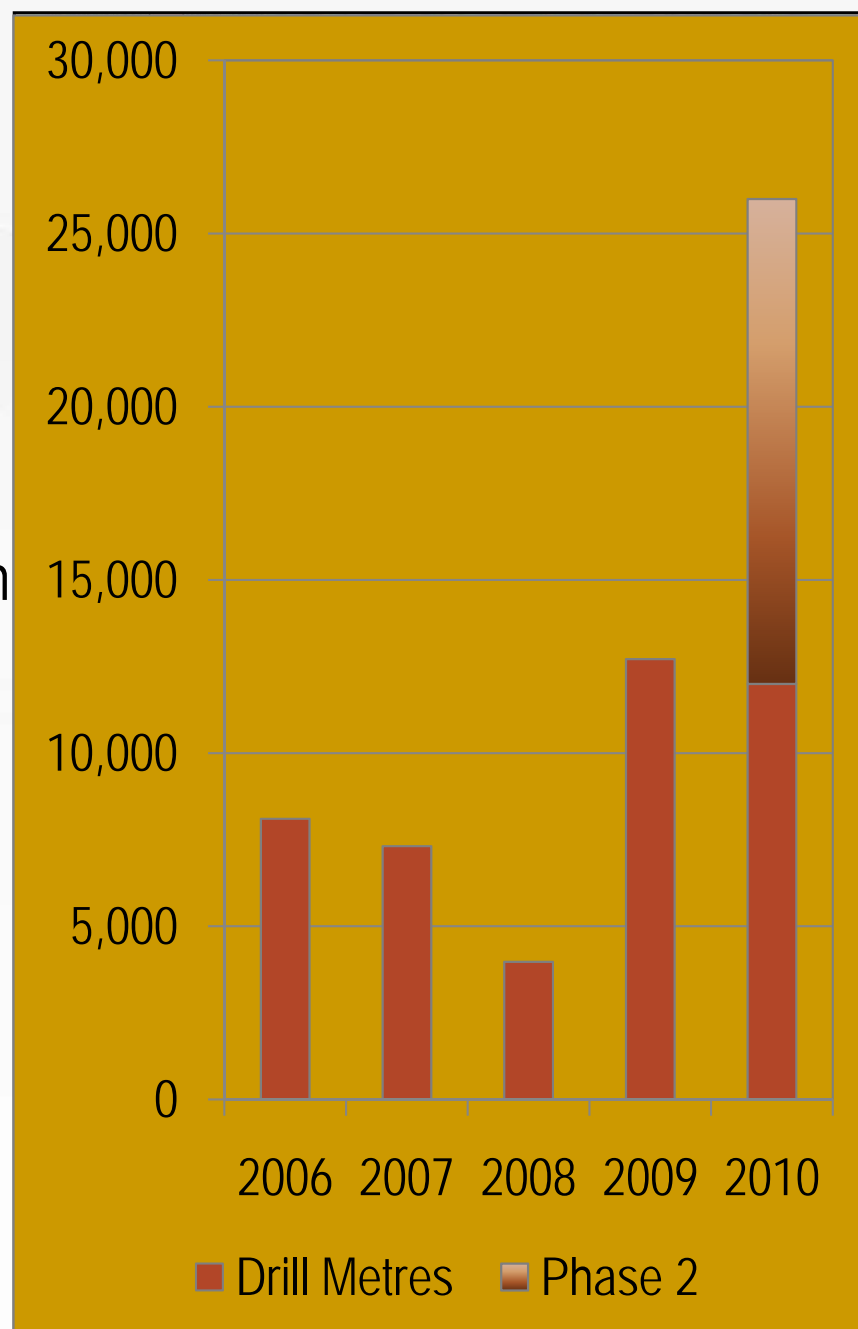
2010 Drilling Program

- April / May / June - completed:
 - 11,000m RC drilling & assaying;
 - Central Bore, Hann, Byzantium.
- July / August:
 - 5,000m RAB drilling & assaying;
 - New prospects: Tamerlane, Xena, Tobin Hill.
- September / October / November:
 - 7,000 - 14,000m RC drilling & assaying;
 - Follow up at Central Bore, Hann & Byzantium.
- Throughout year:
 - Geochemistry/soils;
 - Gold and Uranium targets.



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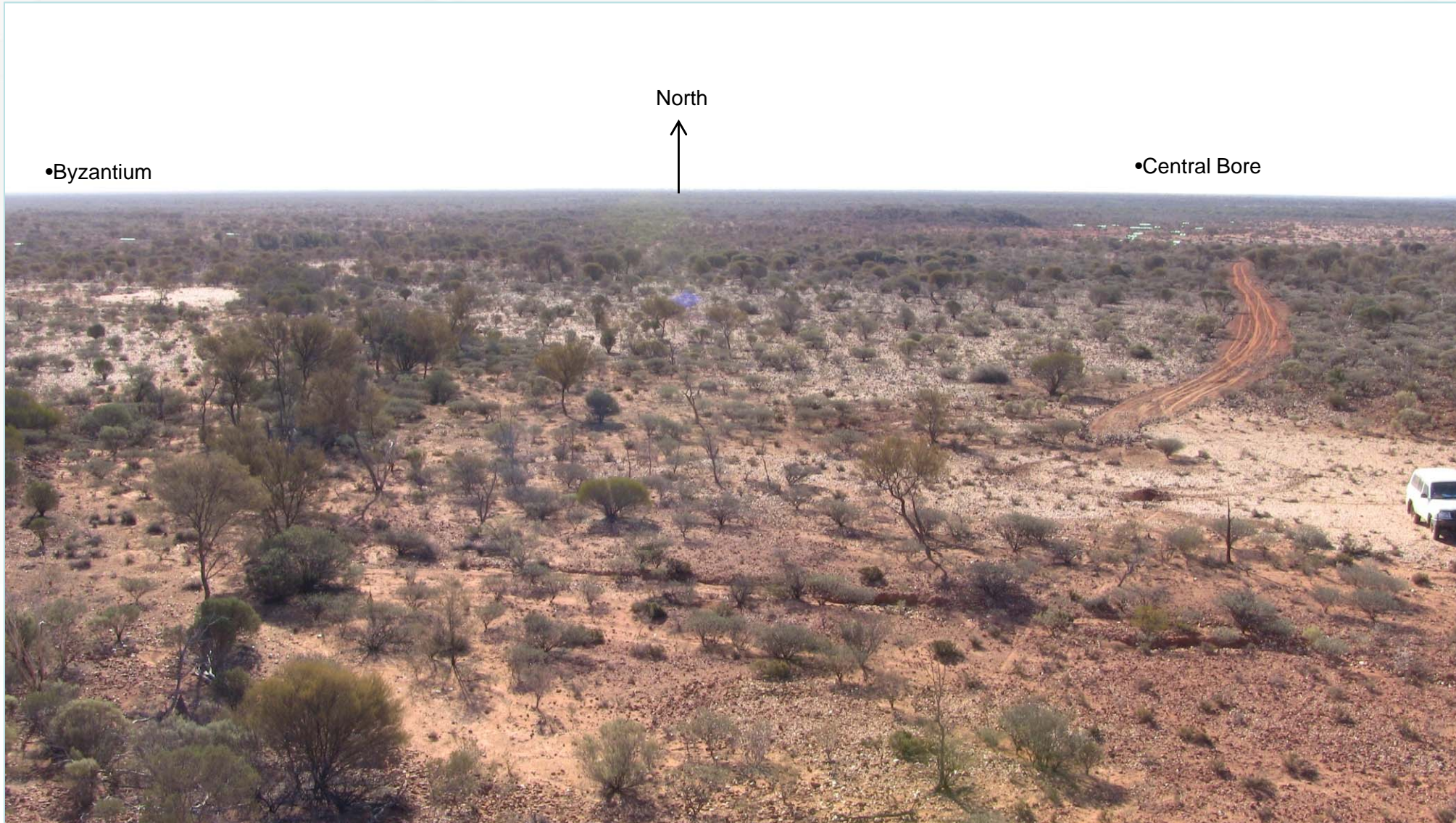


Central Bore Work Program

- By 4th quarter 2010 we plan to have completed:
 - Maiden resource calculation;
 - Metallurgical recovery testwork;
 - Gravity separation testwork;
 - High-level mining economics, incl. methods, opex & capex.



Central Bore & Byzantium Prospects



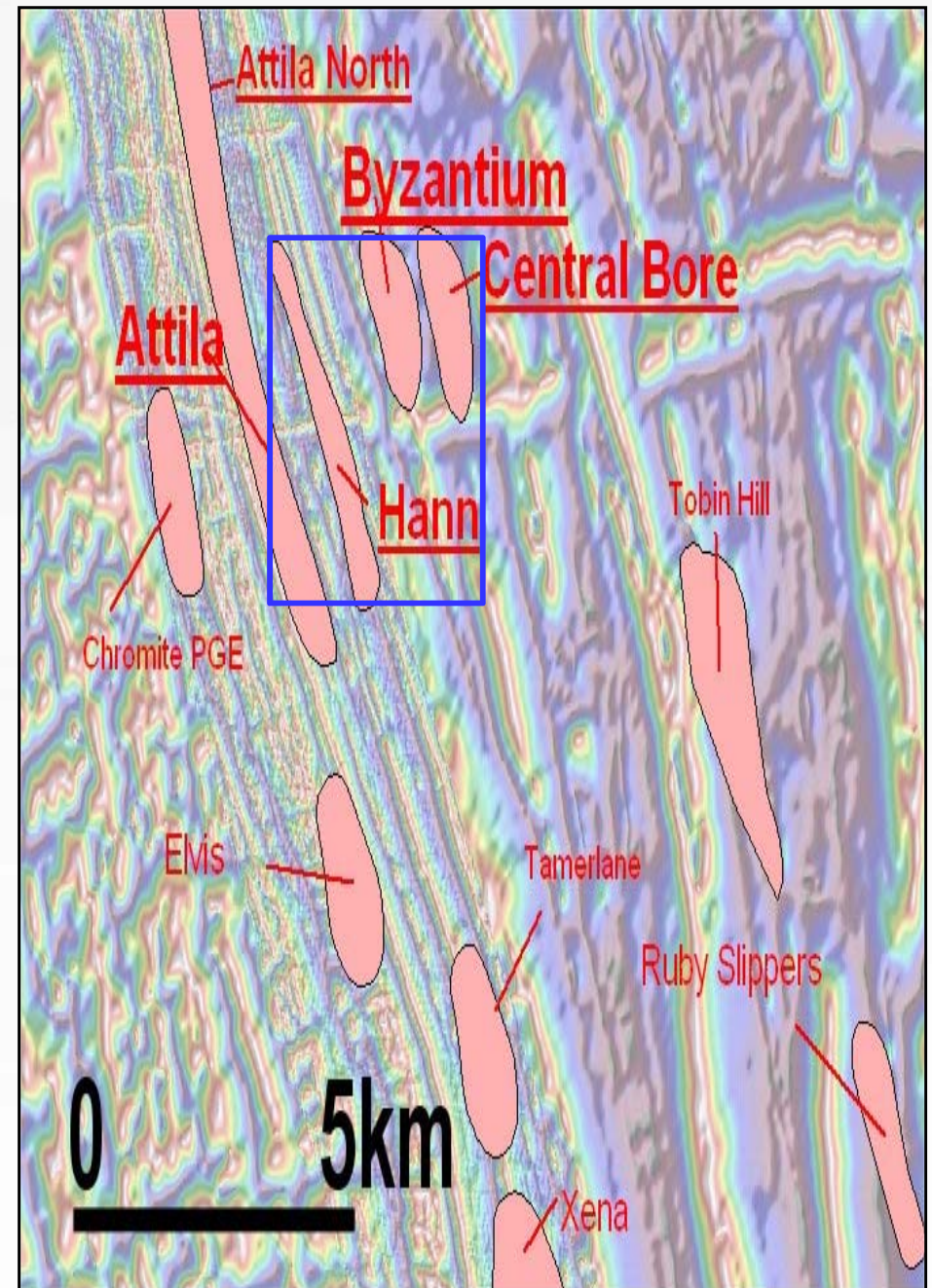
Conclusion

Outstanding new high grade
gold discovery in 2009
Catalyst for aggressive drilling
and resource delineation
programs in 2010



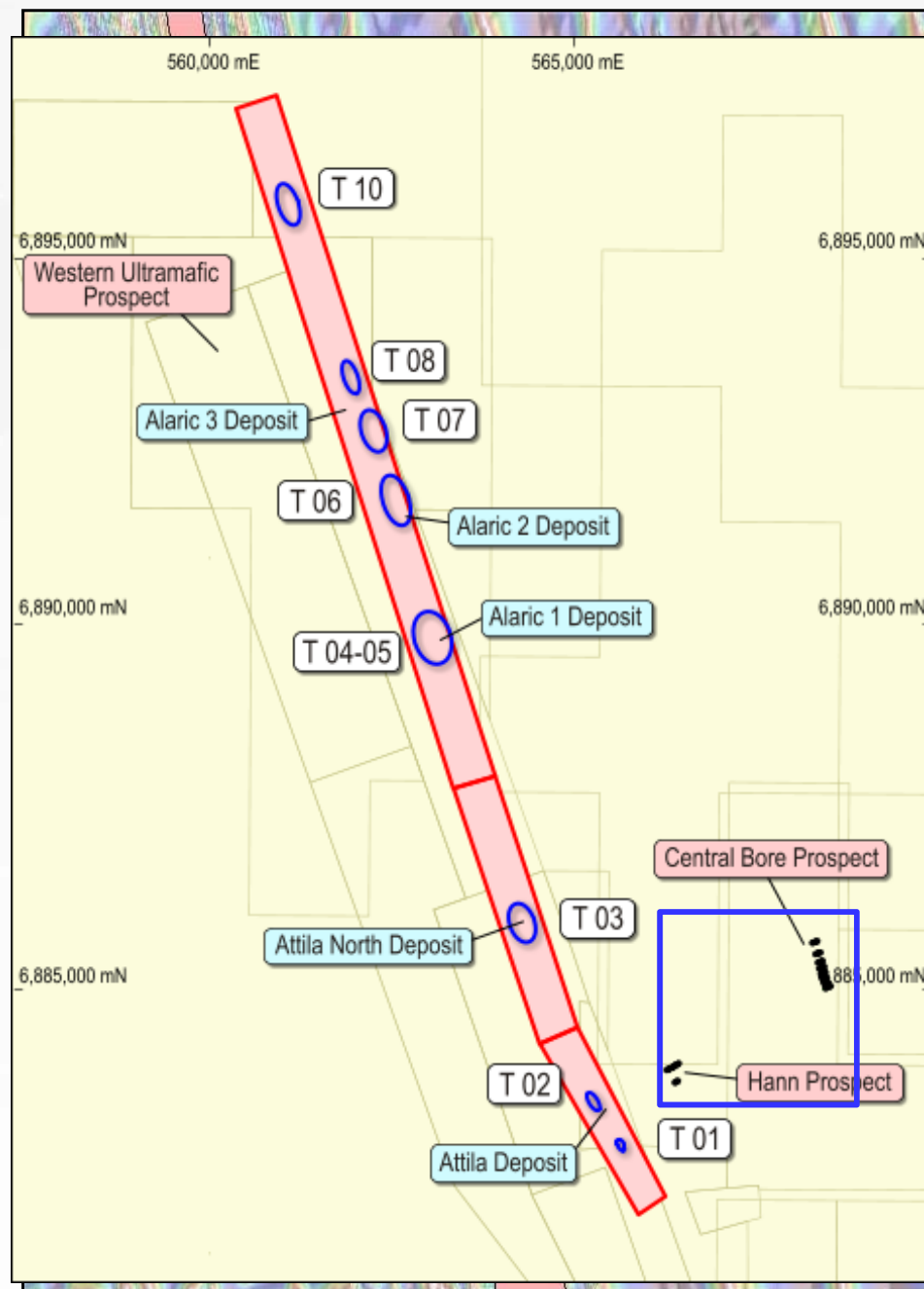
Put Into Perspective

- Current high-grade targets within 2km x 3km area



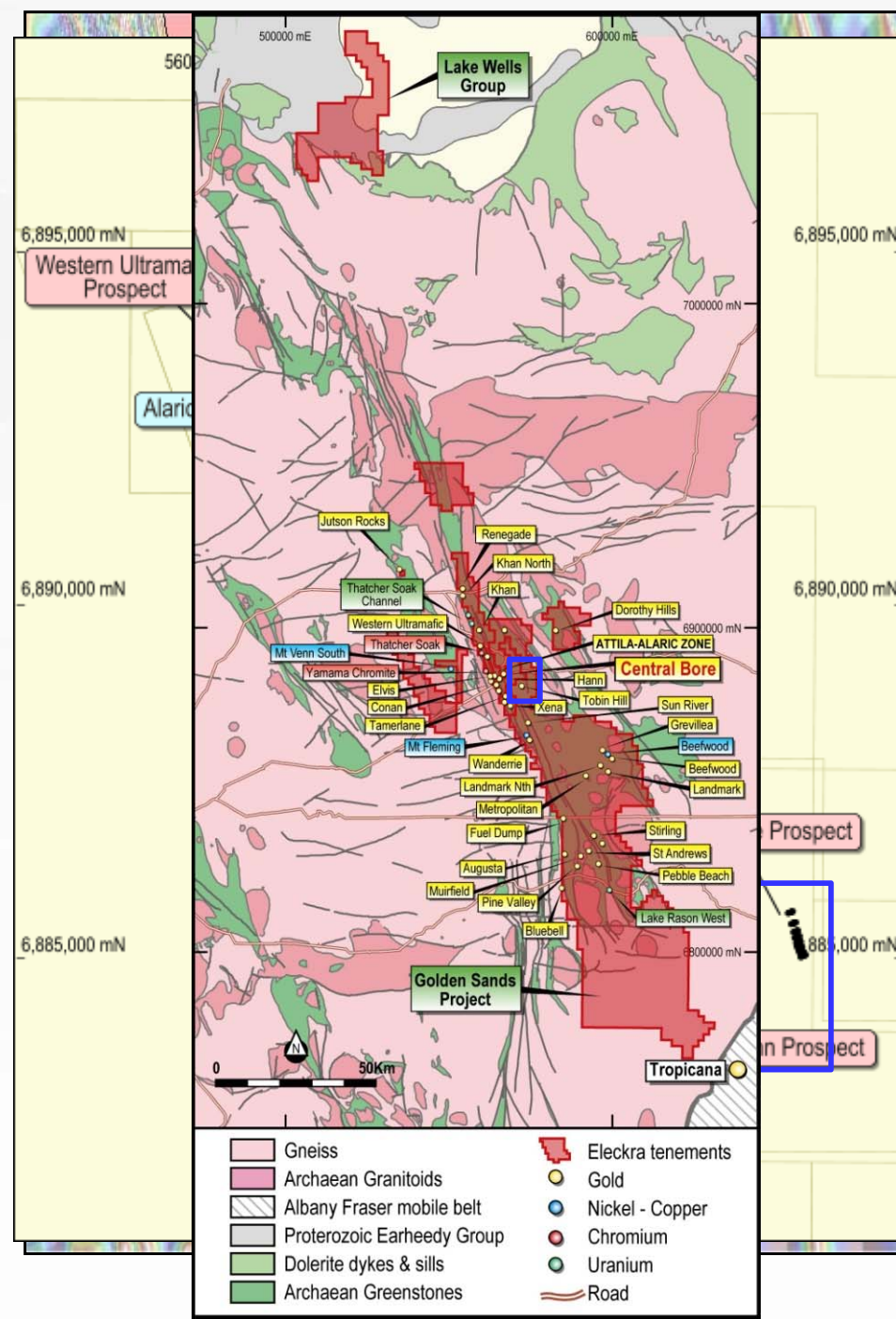
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- Within 17km strike length of mineralisation



Put Into Perspective

- Current high-grade targets within 2km x 3km area
- Within 17km strike length of mineralisation
- Within ~4,500km² total tenement holding



Undervalued with Real Potential

- Tenements in the RIGHT address
 - Substantial ground holding (~4,500km²)
 - Control of shear zone & greenstone belt
- Two resources already in our inventory
 - Gold & Uranium
- Gold exploration & resource delineation programs already delivering:
 - Yamarna gold resource optimisation & metalurgical testwork;
 - High grade discoveries at Central Bore;
 - Additional high grade targets identified – Byzantium, Hann and Central Bore East;
 - Drilling commenced in April 2010
- Uranium resource can unlock further value



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Thank you for your
time

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Important

- The information in this presentation which relates to Exploration Results or Mineral Resources is based on information compiled by Mr Ziggy Lubieniecki, the General Manager of Eleckra Mines Limited, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Ziggy Lubieniecki 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 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Ziggy Lubieniecki consents to the inclusion in the presentation of the matters based on this information in the form and context in which it appears.
- Uranium mineralisation grades are annotated with a sub-prefix 'e' because they have been reported as uranium equivalent grades derived from down-hole gamma ray logging results and should be regarded as approximations only.