

ELECKRA
MINES LIMITED

**The New
High-Grade
Gold Belt:
Yamarna
Greenstone**

October 2010

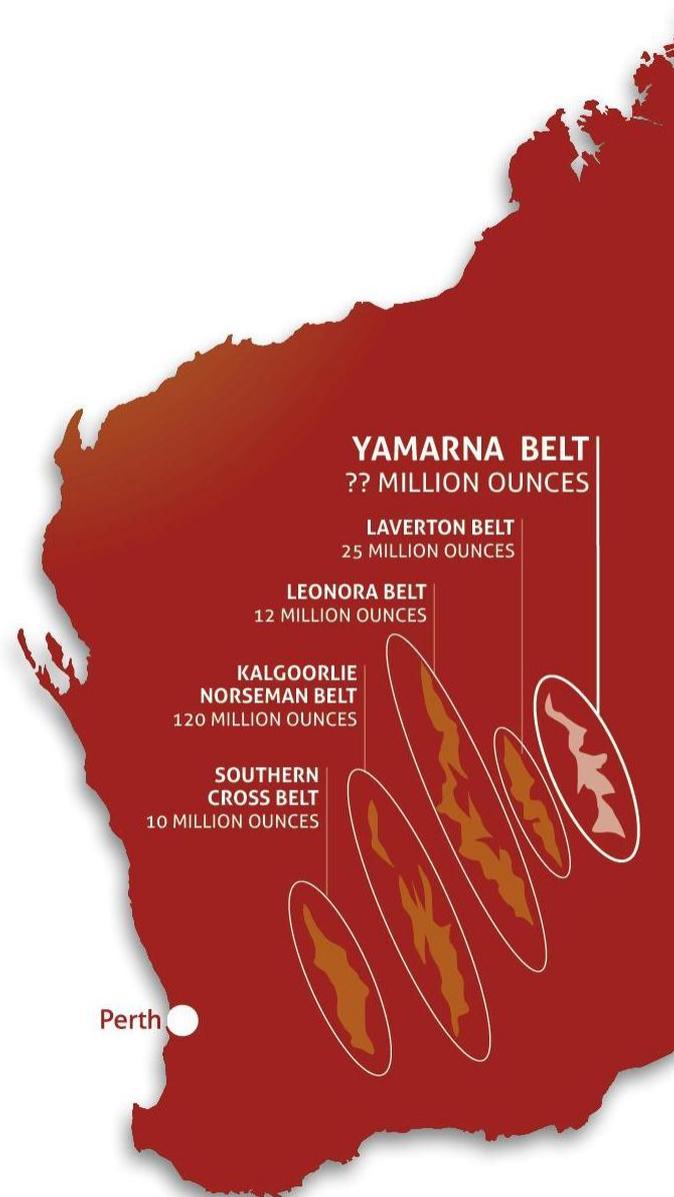


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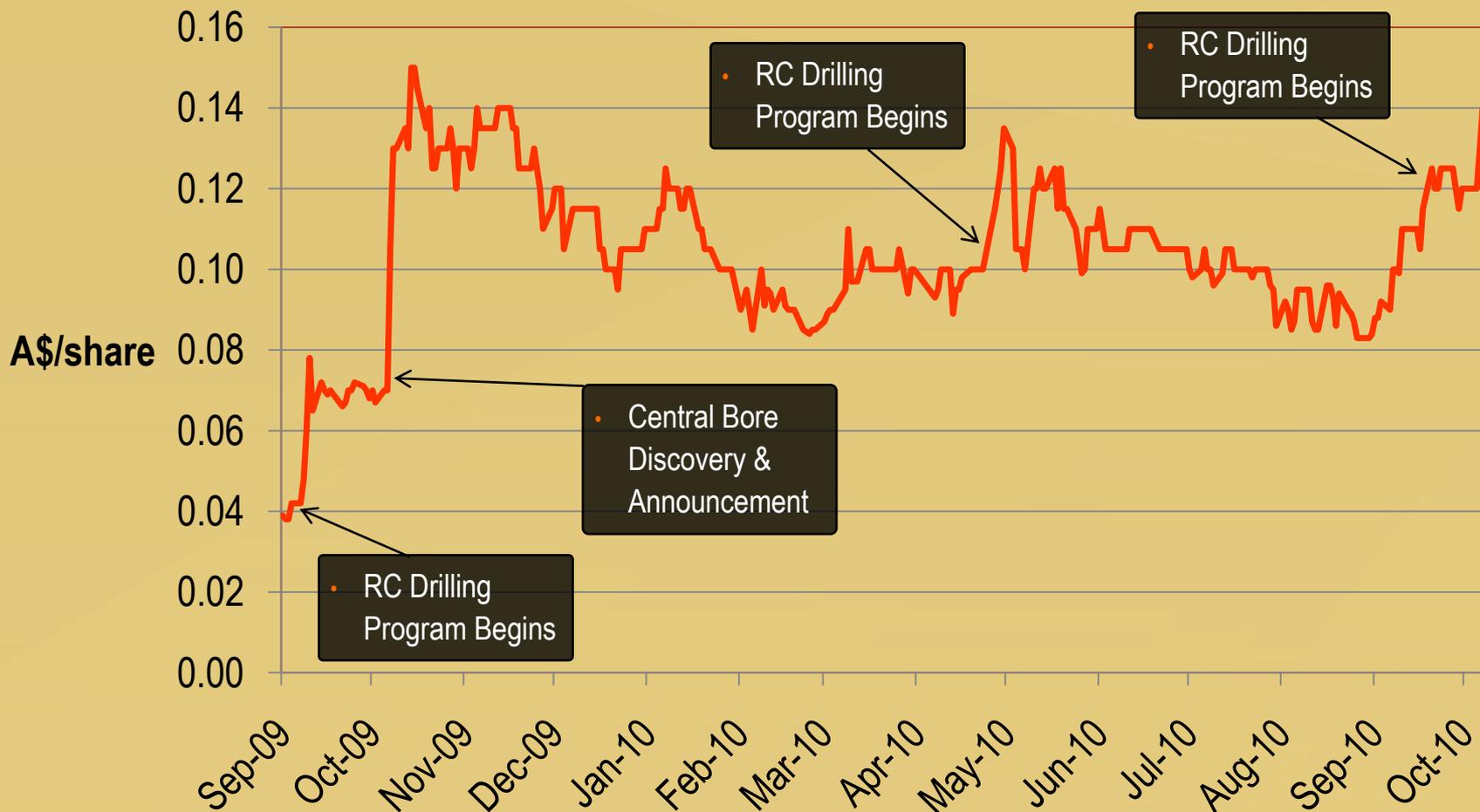
Why Invest in Eleckra?

- **100%-owner of Yamarna Project**
 - Central Bore (Au)
 - Attila-Alaric (Au)
 - Thatcher Soak (U)
- **Discovery of new high-grade gold region**
 - Increasing evidence that Yamarna is a fourth major, gold-rich, shear zone in Yilgarn Craton
 - Discovered exceptionally high-grade **Central Bore** (2009)
 - Discovered further high-grade **Byzantium, Hann & Justinian** prospects (2010)
 - Ongoing exploration to determine extent of mineralisation
- **Tenements in the right address**
 - Control of shear zone and greenstone belt
 - Substantial ground holding of ~4,100km²
 - World-class Yilgarn Craton produces over half of Australia's gold
- **Very undervalued compared to peers**
- **Two resources in our inventory**
 - Gold and Uranium



Share Price Performance

Eleckra Share Price



ELECKRA
MINES LIMITED

**Historically
under-explored
Yamarna
greenstone belt**



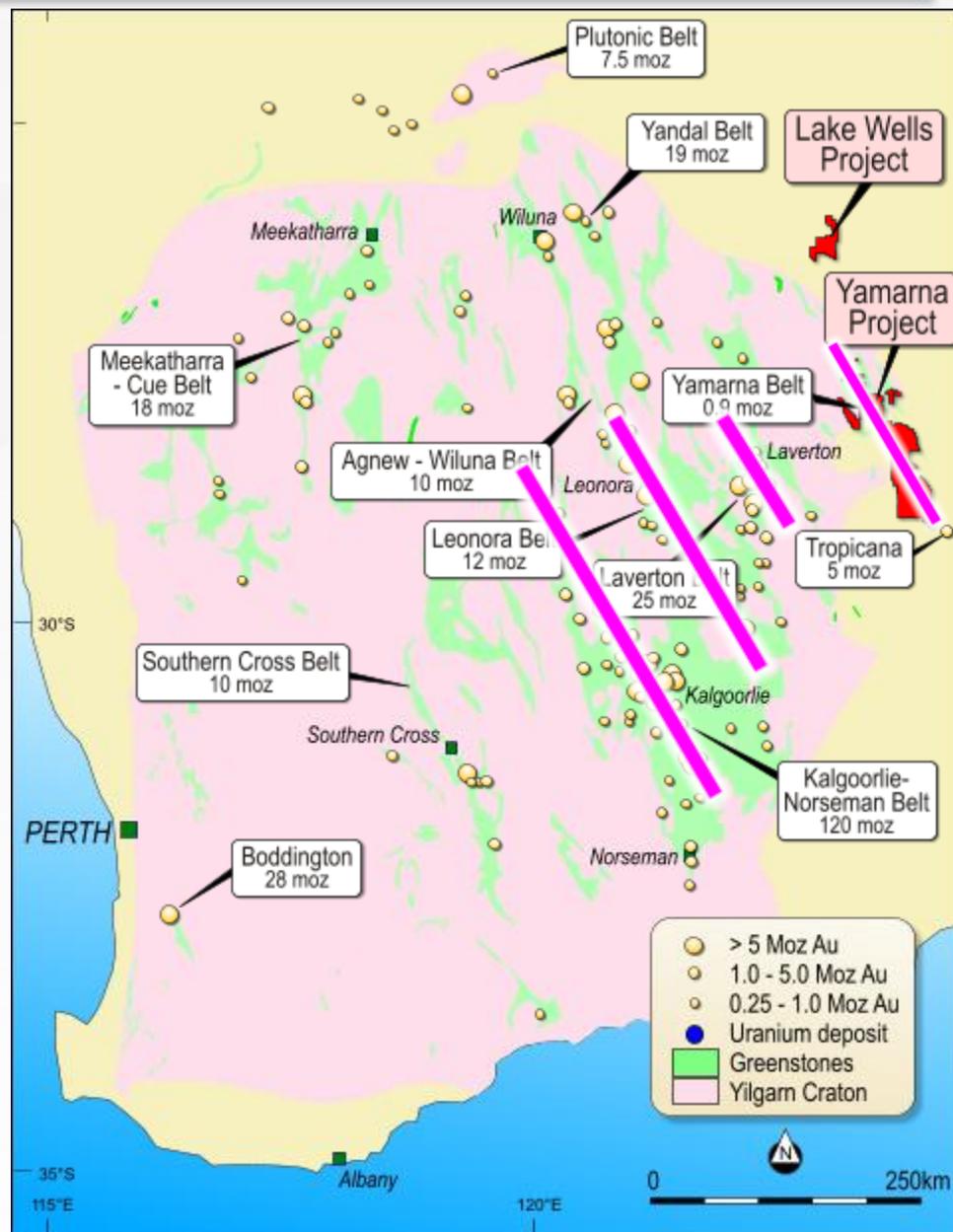
Yamarna Belt Prospectivity

Under-explored

- Strategic control of the Yamarna Greenstone Belt
- Yamarna's cover and isolation means it's one of the most historically under-explored greenstone belts in WA
- Potential for multi-million ounce gold camp
- Discovery of four major new high-grade prospects in last 15 months – potential for more upside
- Yamarna Shear Zone is a broad, regional-scale ~500km-long, east-dipping structure, flooring into a detachment at a depth of 35km

Northeast Yilgarn Craton Prospectivity

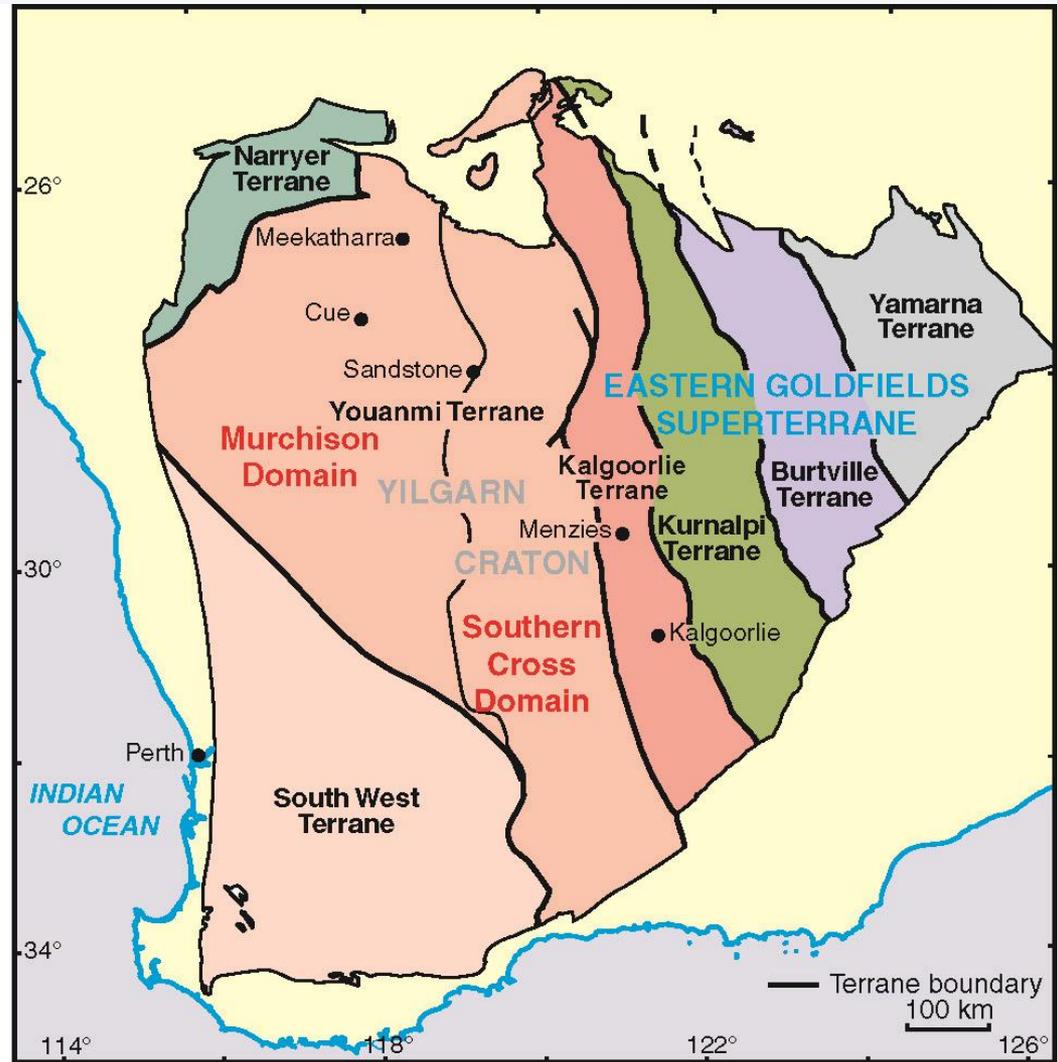
- New GSWA research concluded the northeastern Yilgarn Craton - especially the that the greenstones of the Yamarna Terrane - are similar in age and character to those in the Kalgoorlie Terrane



Yamarna Terrane

GSWA Report October 2010

- East of Yamarna Shear Zone
- Package of volcanic rocks – ultramafic to felsic composition
- Age 2,720 – 2,583 Ma
- Similar in age & character to Kalgoorlie Terrane
- Exploration strategies effective in the Kalgoorlie Terrane may prove best for the Yamarna Terrane
- Recognition given to EKM employees:
 - Ziggy Monzogranite (c 2832 Ma)
 - Argus Igneous Complex



Source: Mark Pawley - GSWA

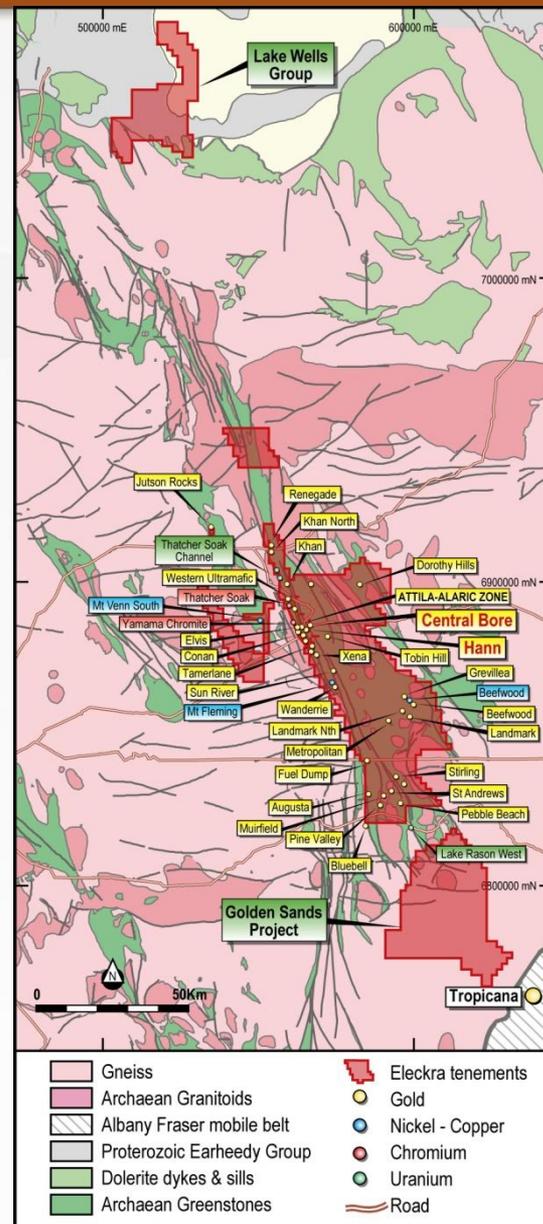
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Yamarna Gold Resource

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

* Recent drilling at Central Bore in 2009/10 discovered multiple high-grade results. These results will **increase the current gold resources** and provide **higher average grades**.



Yamarna Project: Key Gold Target Areas

Central Bore Trend

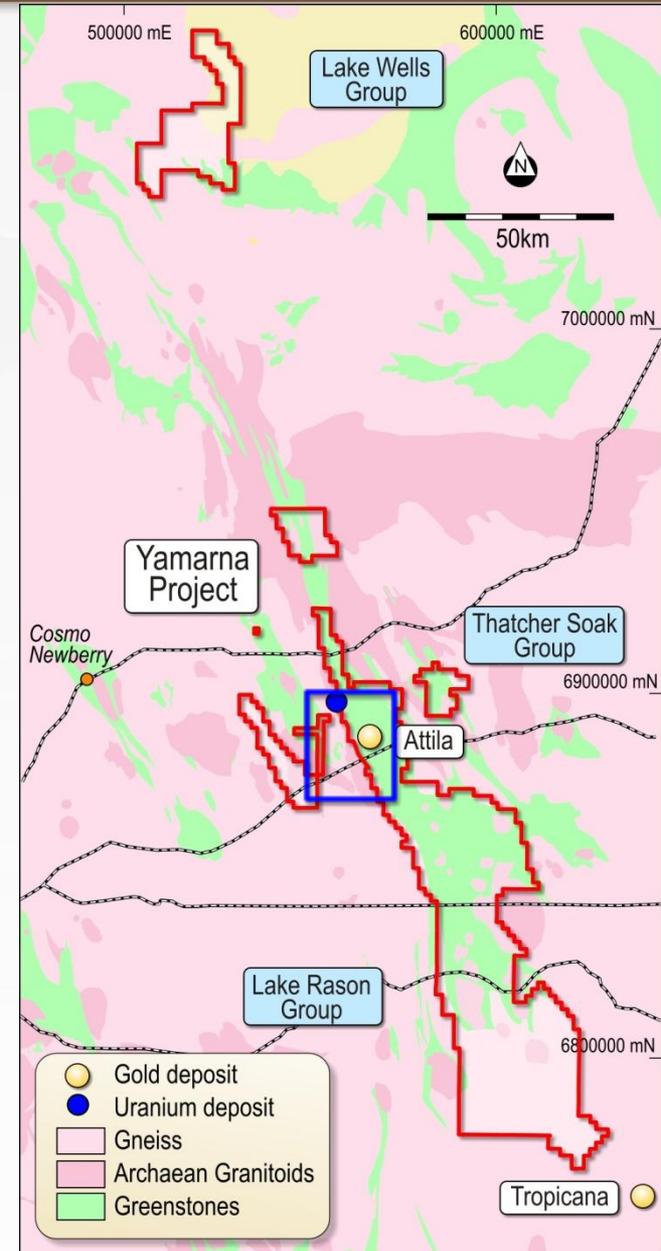
- Includes Central Bore, Byzantium, Hann and Justinian Prospects
- Virgin high-grade gold discovery >100g/t in RC drilling
- Mineralisation commences from surface
- Multiple parallel veins considered likely

Attila Trend

- 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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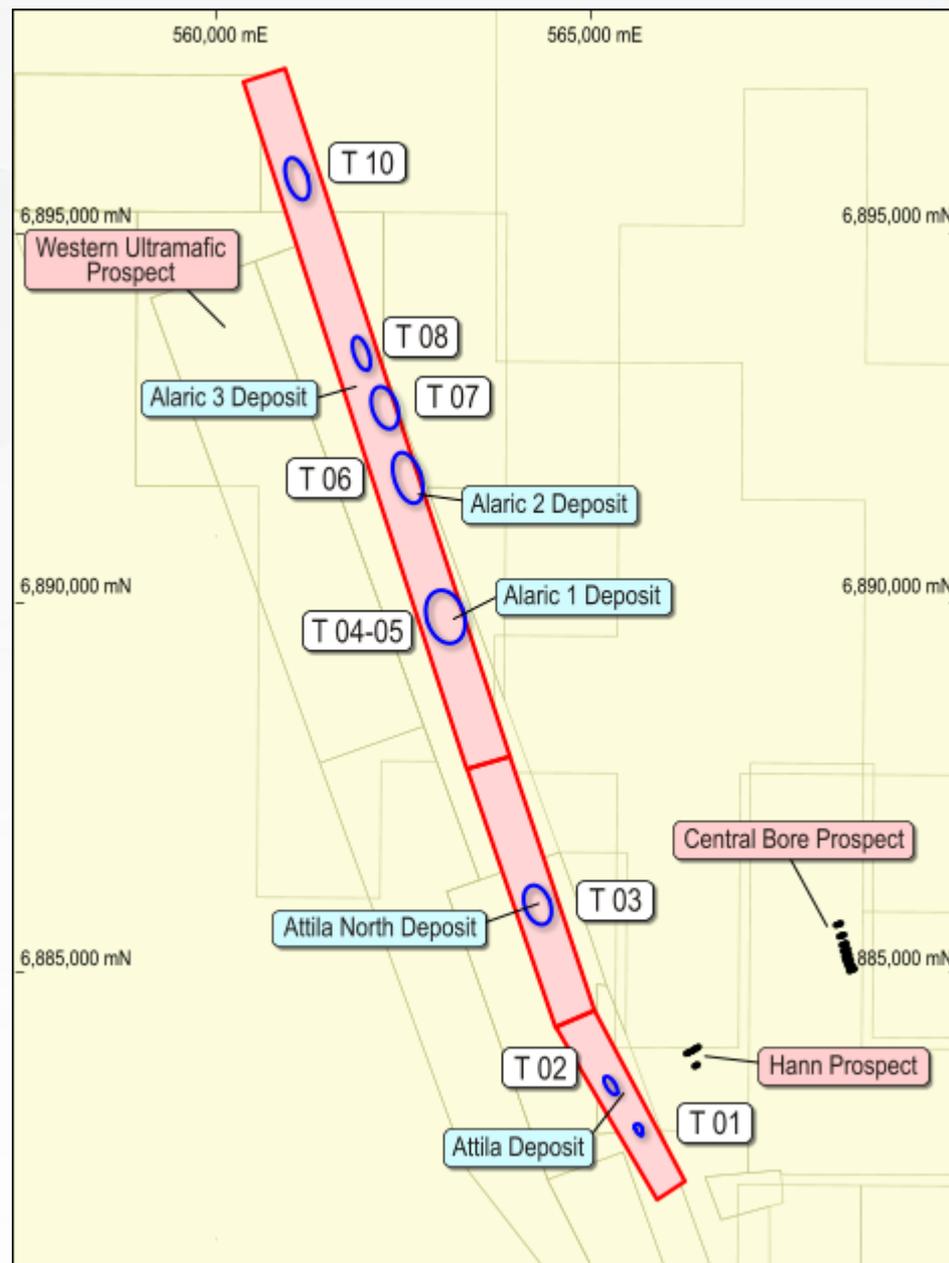
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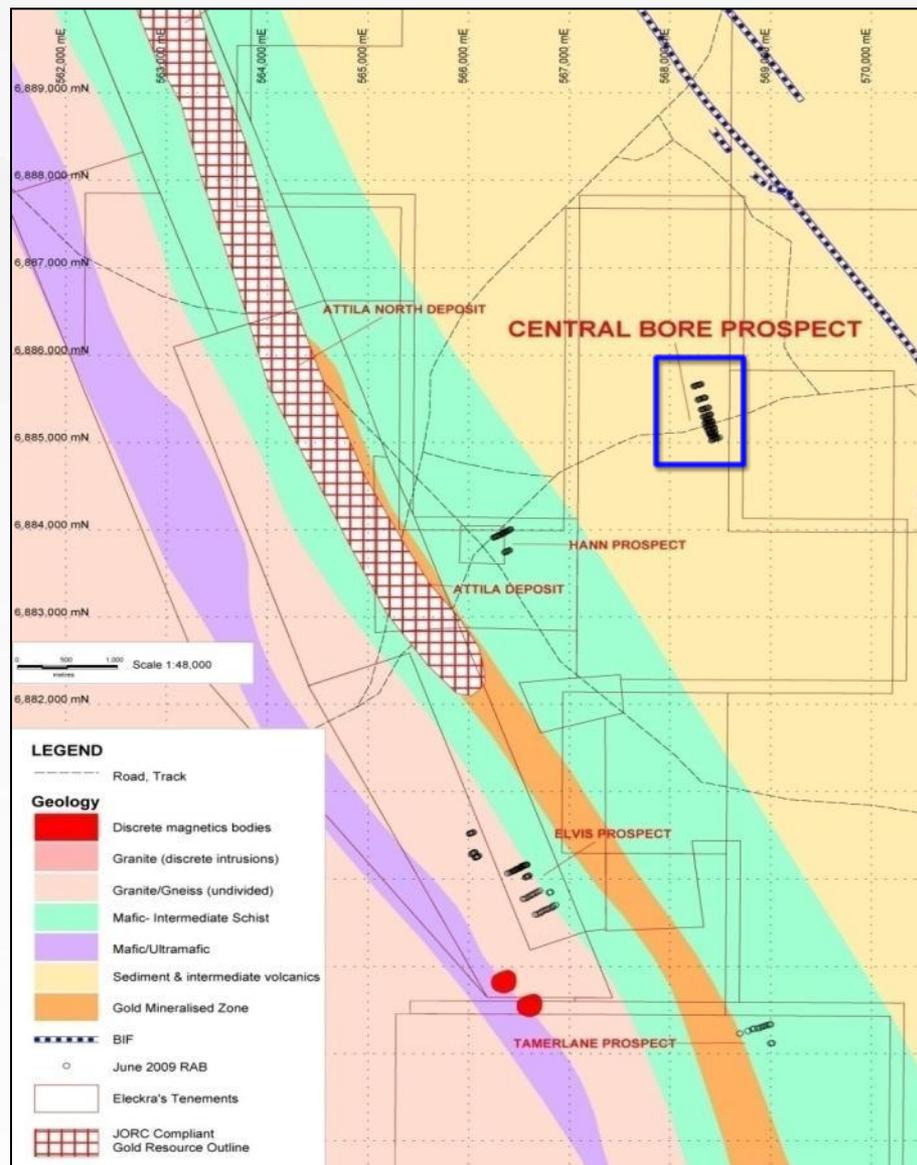
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Central Bore - High Grade RC Gold Results

- **September / October 2009 RC Drilling:**

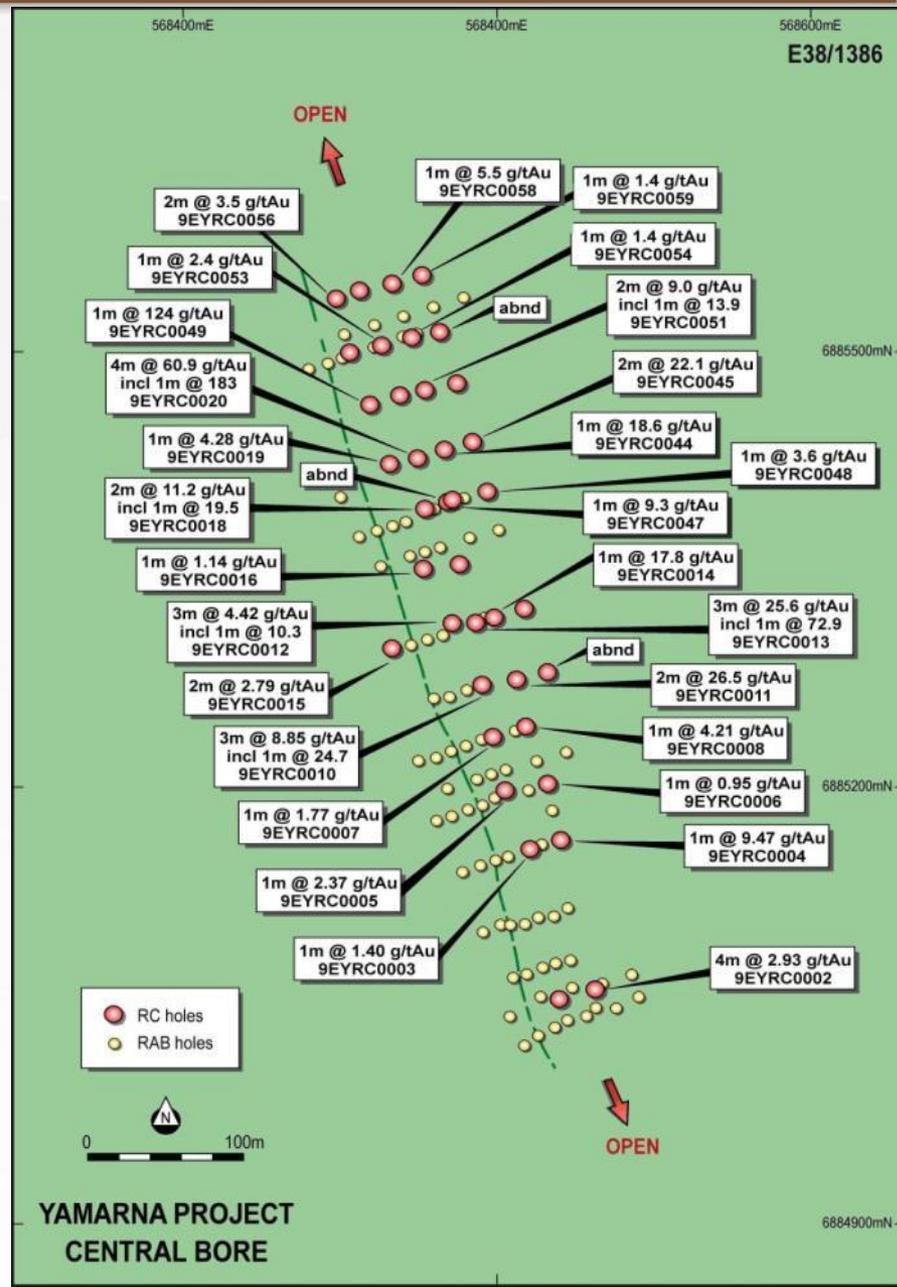
- 3,900m of drilling, 39 holes
- Strike confirmed over 500m
- Very high-grades intersected at Central Bore include:
 - 4m at 60.9 g/t Au from 64m, incl. 1m at **182.8g/t**;
 - 1m at **124g/t** from 35m;
 - 3m at 25.6g/t Au from 75m, incl. 1m at 72.85g/t;
 - 2m at 26.5g/t Au from 100m, incl. 1m at 41.99g/t;
 - 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;



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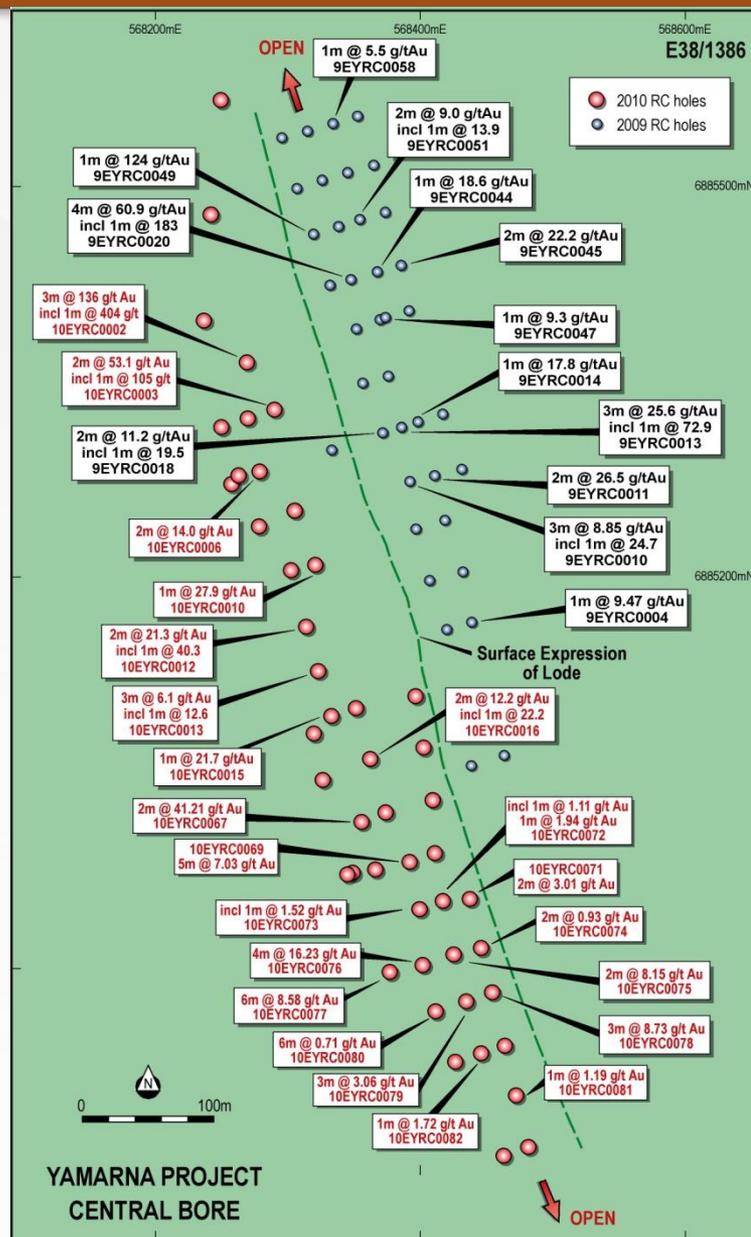
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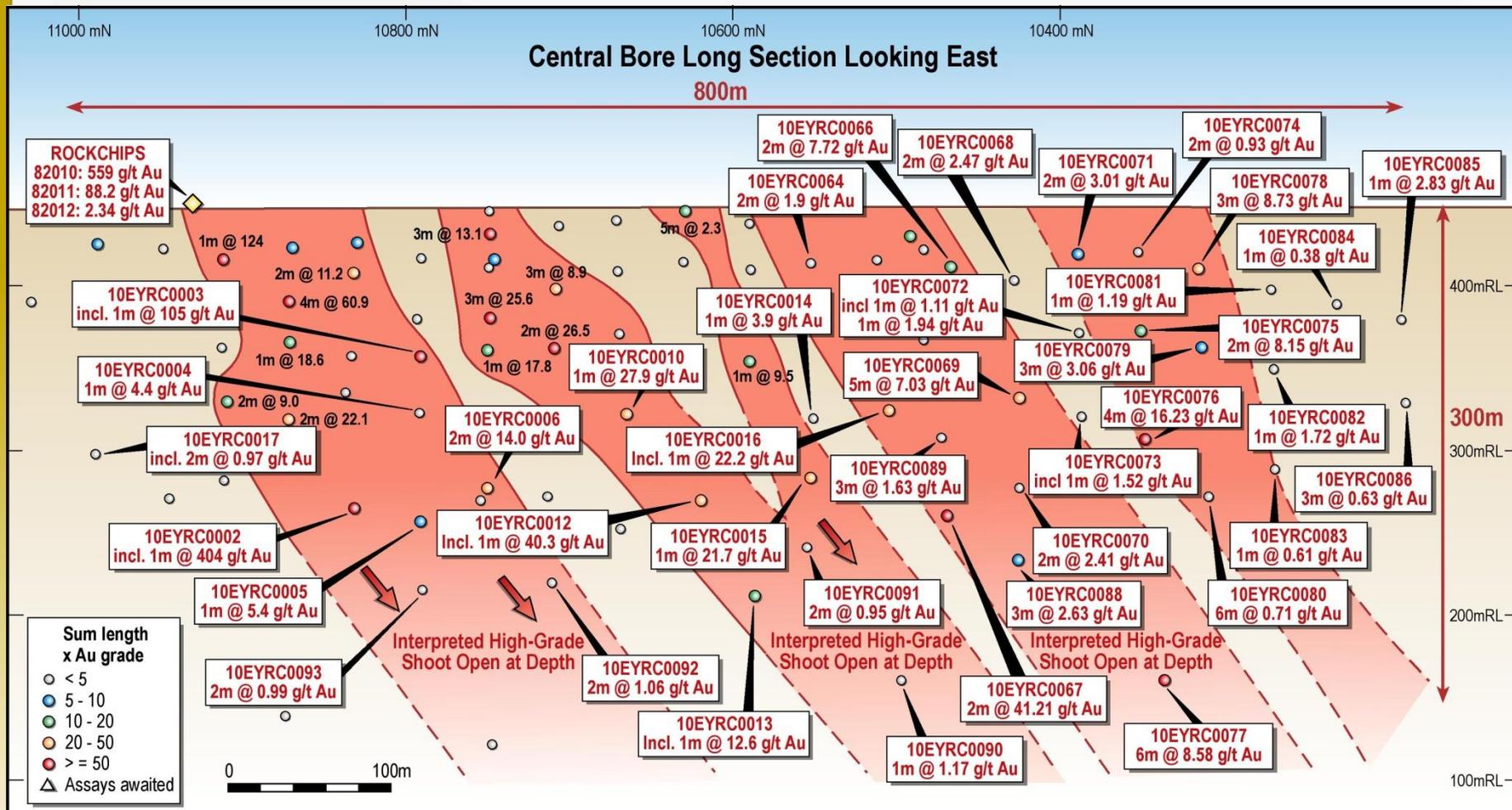
Central Bore - High Grade RC Gold Results

• April / May / June 2010 RC Drilling:

- ~8,100m of drilling, 48 holes
- Testing depth and strike continuity
- 98% of holes intersected mineralisation
- Abundant visible gold panned
- Strike length expanded 60% to 800m
- Depth expanded 100% to 300m
- Bonanza high-grades intersected:
 - 3m at 136g/t Au from 192m, incl. 1m at **404g/t**;
 - 2m at 53g/t from 104m, incl. 1m at **105g/t**;
 - 2m at 21g/t from 188m, incl. 1m at 40g/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.



Central Bore – Long Section



Central Bore Trend: New Gold Discoveries

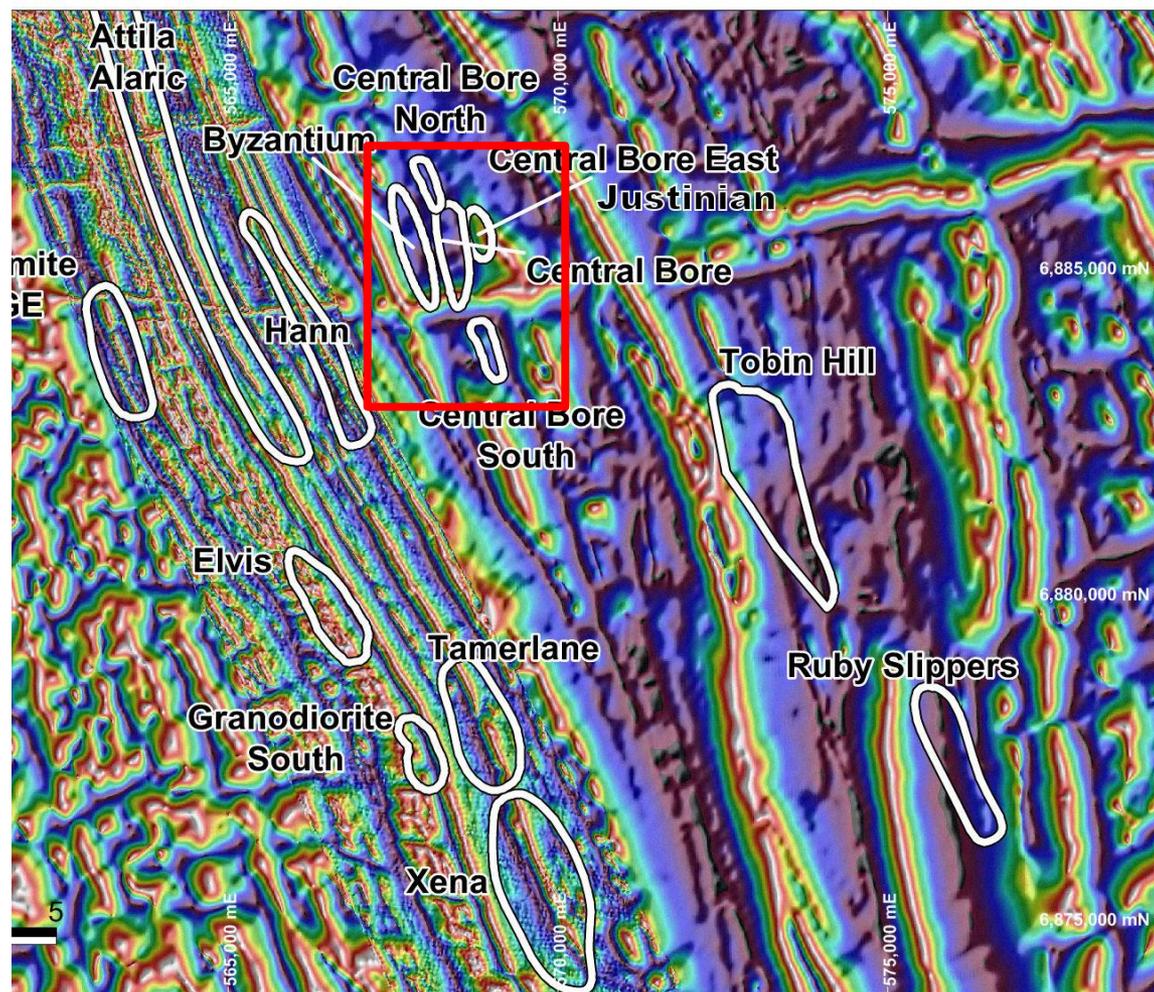
Soil geochemical surveys in 2009/10 identified additional targets near Central Bore:

- **Byzantium Prospect:**

- 500m west of Central Bore
- 1km long gold anomaly
- Elevated gold grades of up to 0.14g/t

- **Justinian Prospect:**

- 200m east of Central Bore
- ~6 new anomalies
- 600 metres long
- Elevated gold grades of up to 0.84g/t



Central Bore Trend: New Gold Discoveries

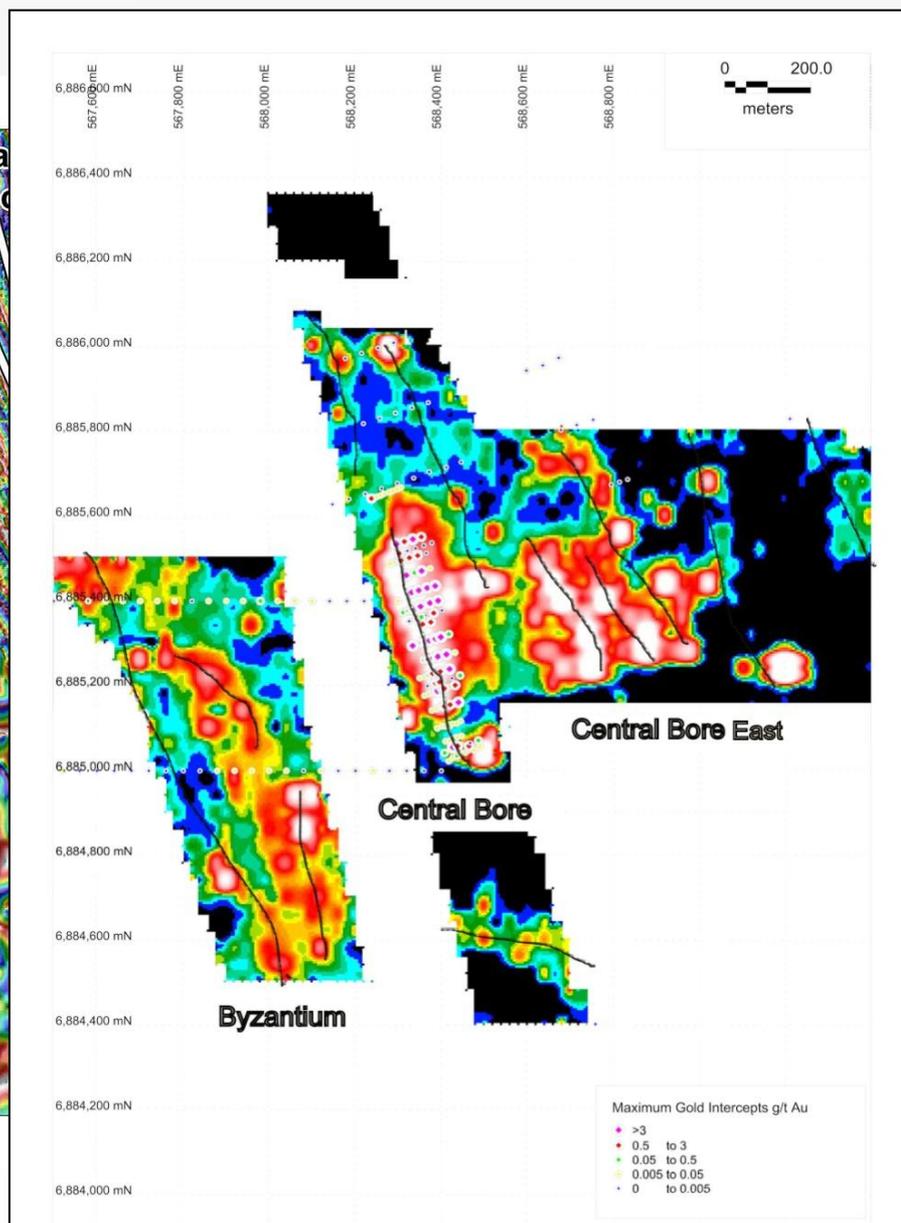
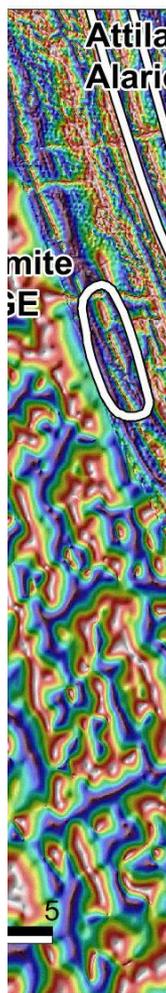
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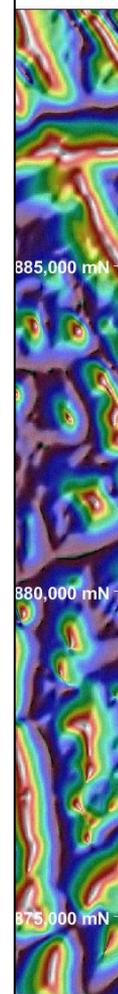
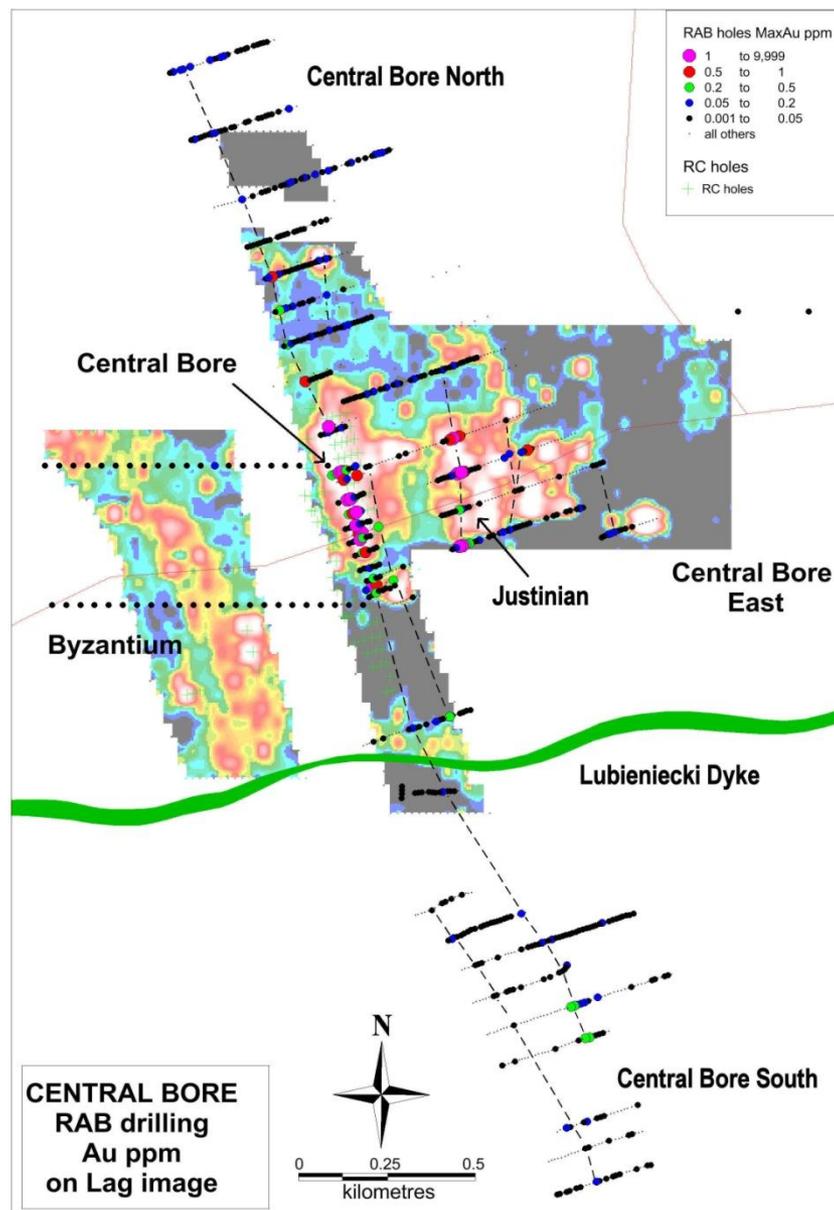
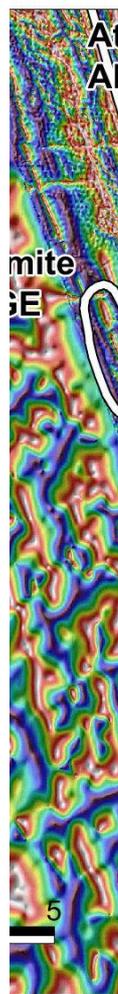
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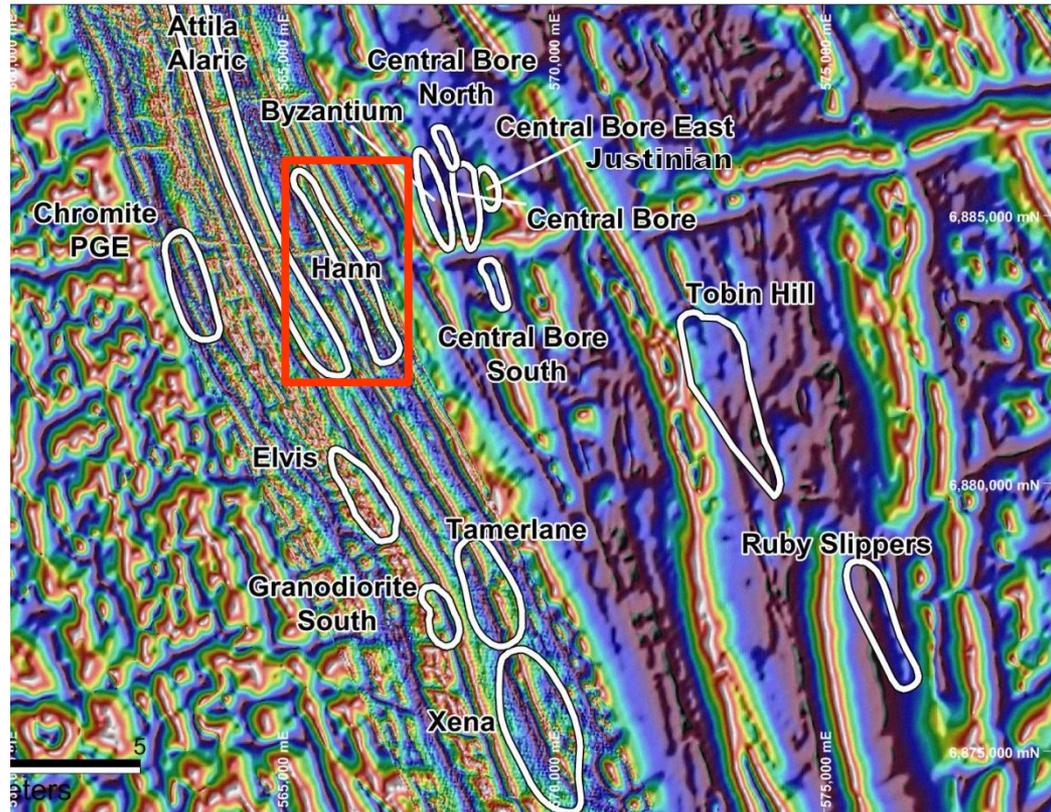
Central Bore Trend: New Gold Discoveries

- **Hann Prospect:**

- 2.4km west of Central Bore
- 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

- 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



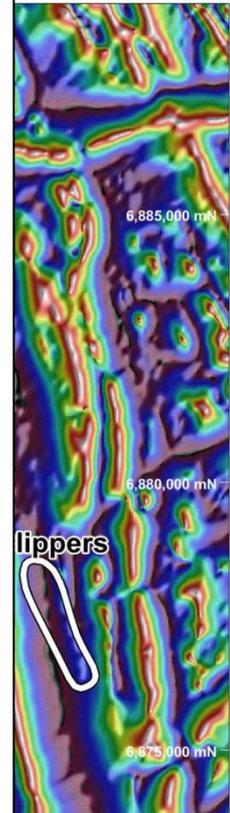
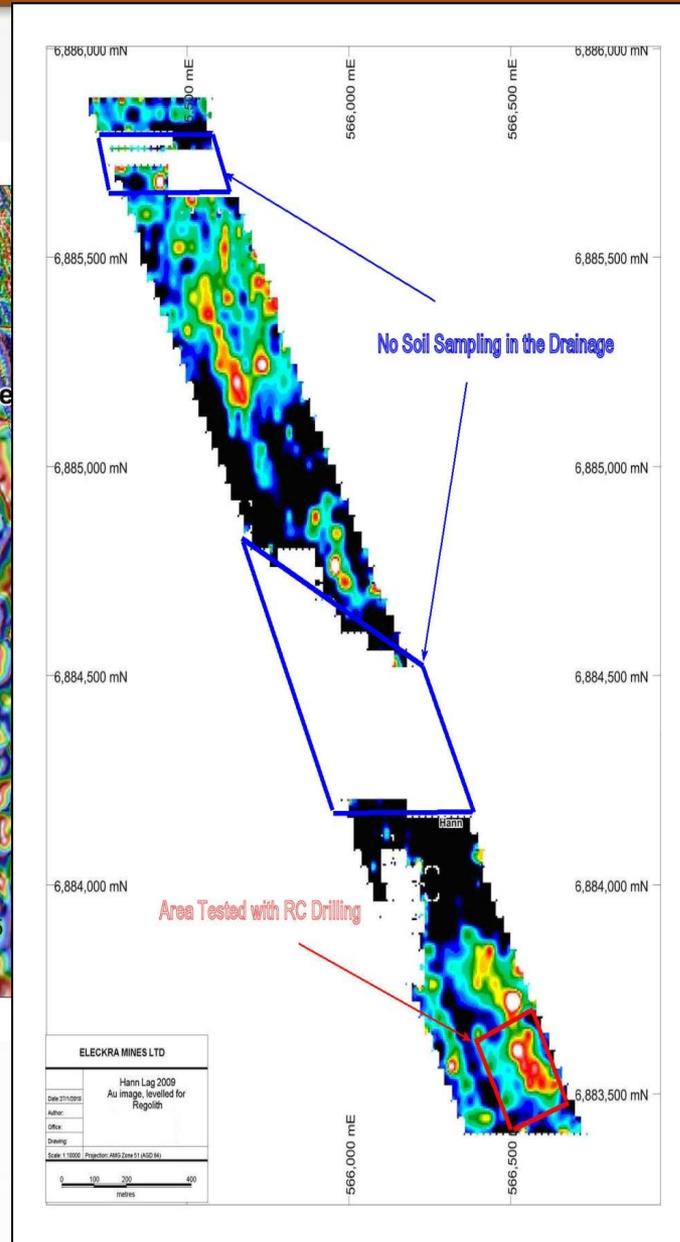
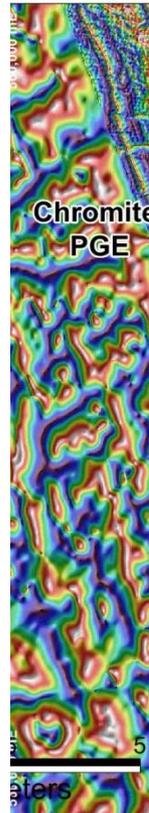
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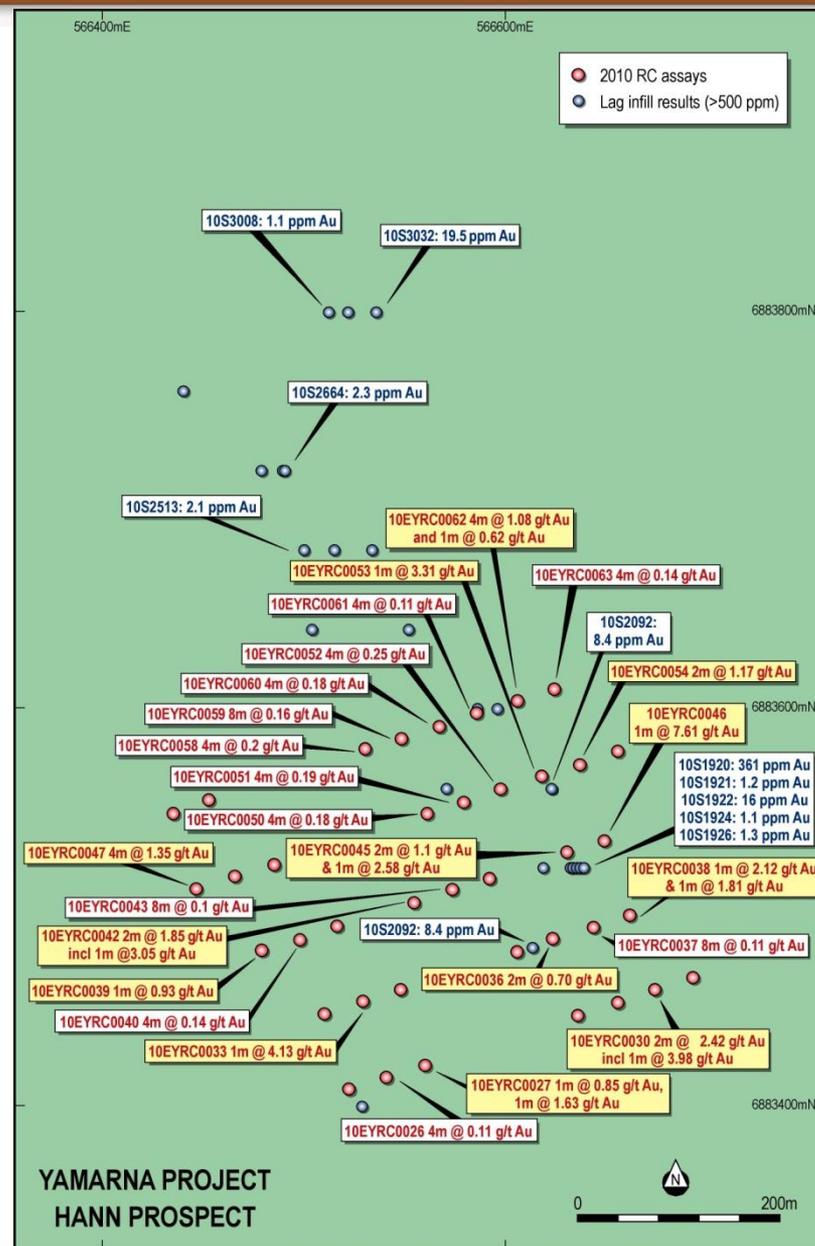
Hann Prospect (continued)

- **Highlights:**

- 39 shallow 60m RC holes for 2,340m
- 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
- Best 1m splits = 2m at 5.1g/t Au from 31m

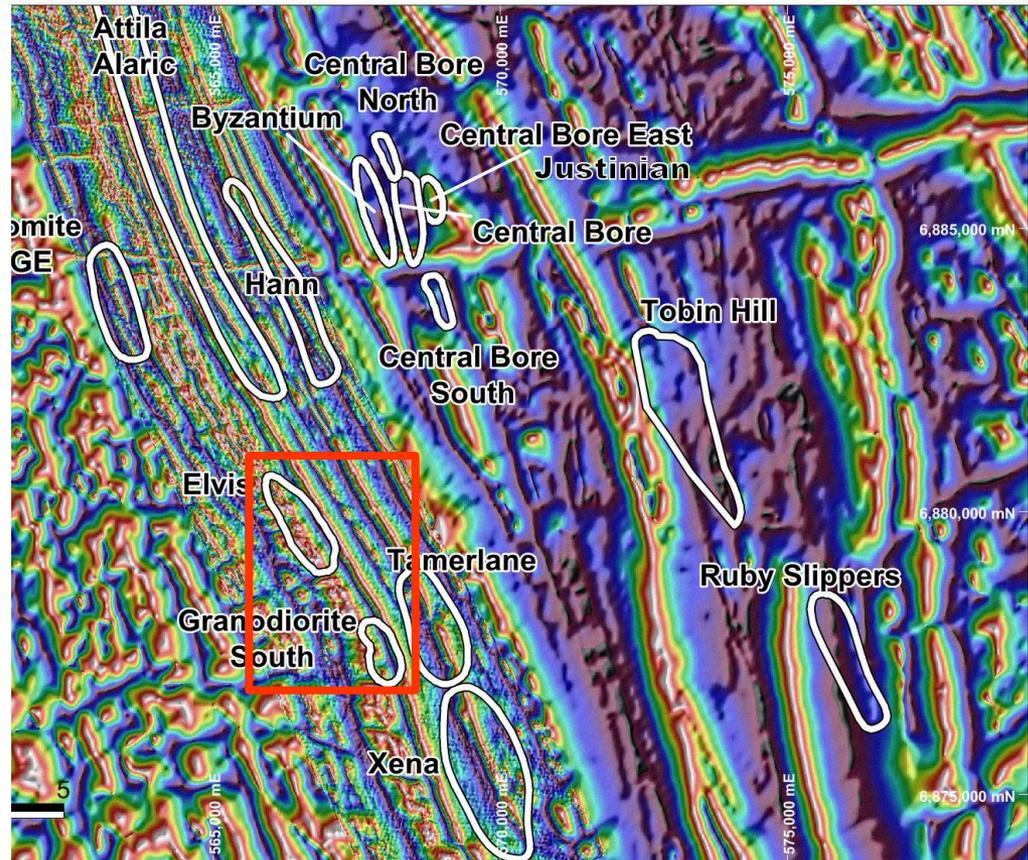
- **Significant results include:**

- 2m at 5.10 g/t Au from 31m, incl. 1m at 7.61g/t
- 1m at 4.13g/t Au from 58m
- 2m at 2.42g/t Au from 0m, incl. 1m at 3.98g/t
- 1m at 3.31g/t Au from 36m



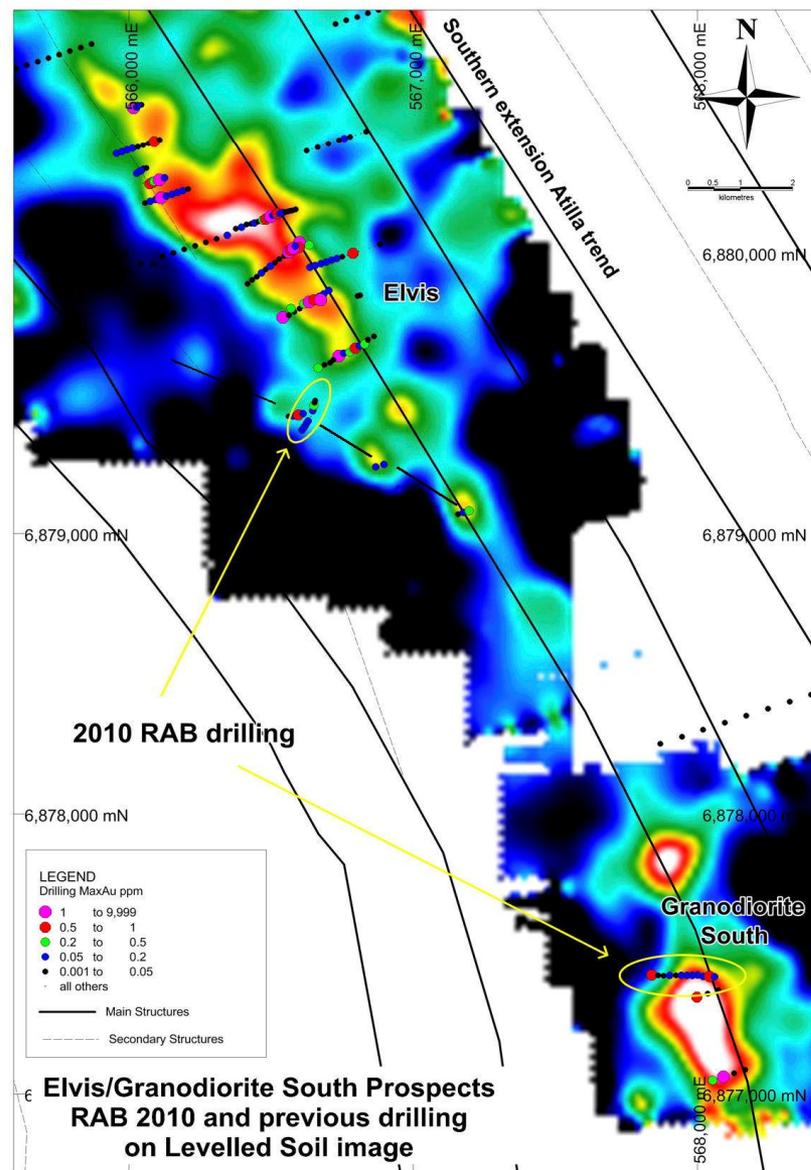
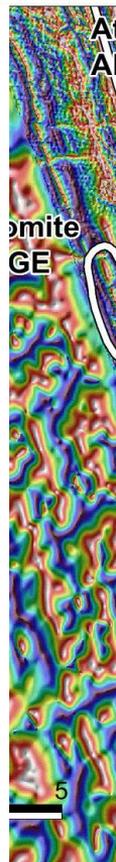
Elvis & Granodiorite South Prospects

- 500m west of southern extension of Attila trend
- Two reconnaissance RAB lines drilled
- Best result:
 - 1m @ 0.6g/t Au from 45m,
 - within a zone of 6m of 0.1% Cu from 40m
- To date a 6km long and 200m wide Cu/Au anomaly identified
- Multiple gold zones possible



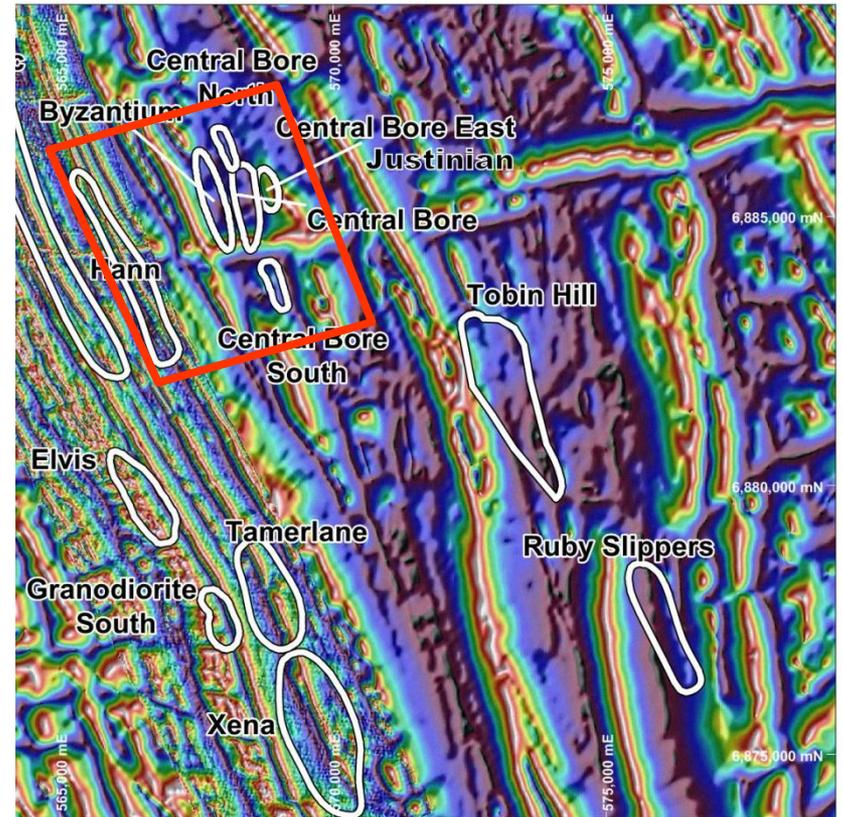
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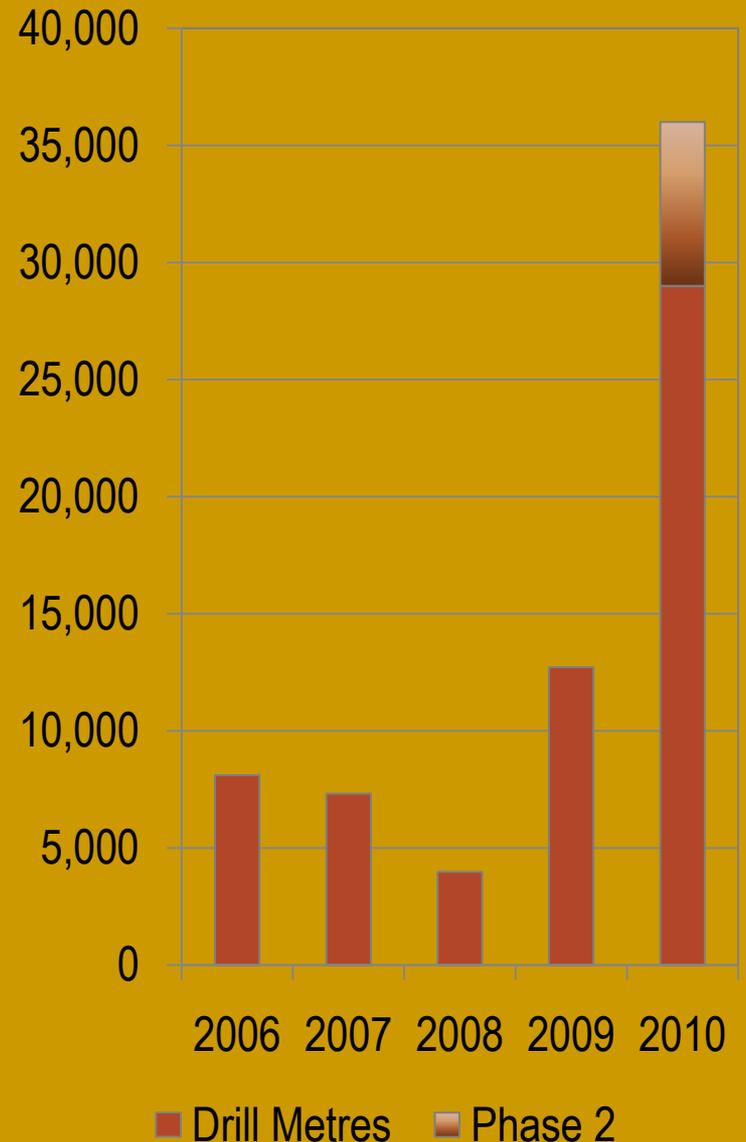
2010 Drilling Program

- **April / May / June - completed**
 - 10,911m for 93 holes RC drilling and assaying
 - Primarily Central Bore with Hann, Byzantium
- **August**
 - 17,000m RAB drilling and assaying
 - Central Bore to north, south & east; and new prospects
- **September / October / November**
 - 7,000 - 10,000m RC, diamond drilling and assaying
 - Follow up at Central Bore and Justinian
- **Throughout year**
 - Geochemistry/soils



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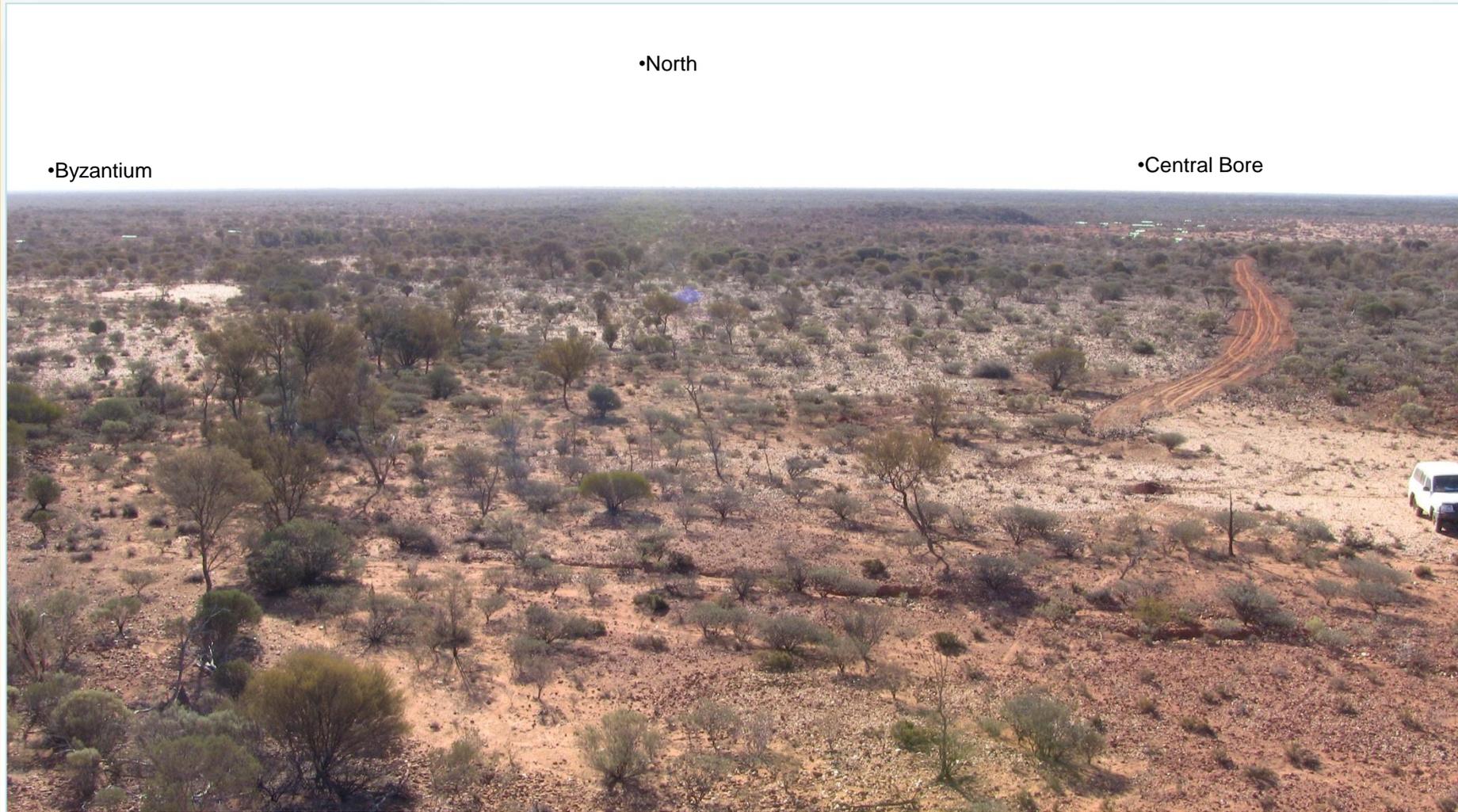


Central Bore Work Program

- **Metallurgical recovery testwork**
 - 96% average recovery
 - Fresh rock/sulphides tested (75 microns)
- **Gravity separation testwork**
 - > 60% separation off basic test
 - Further testwork proceeding with Gekko.
- **Maiden resource calculation**
 - Further drilling around high grade intercepts
- **High-level mining economics, incl. modelling, opex & capex**
 - Ongoing



Central Bore & Byzantium Prospects



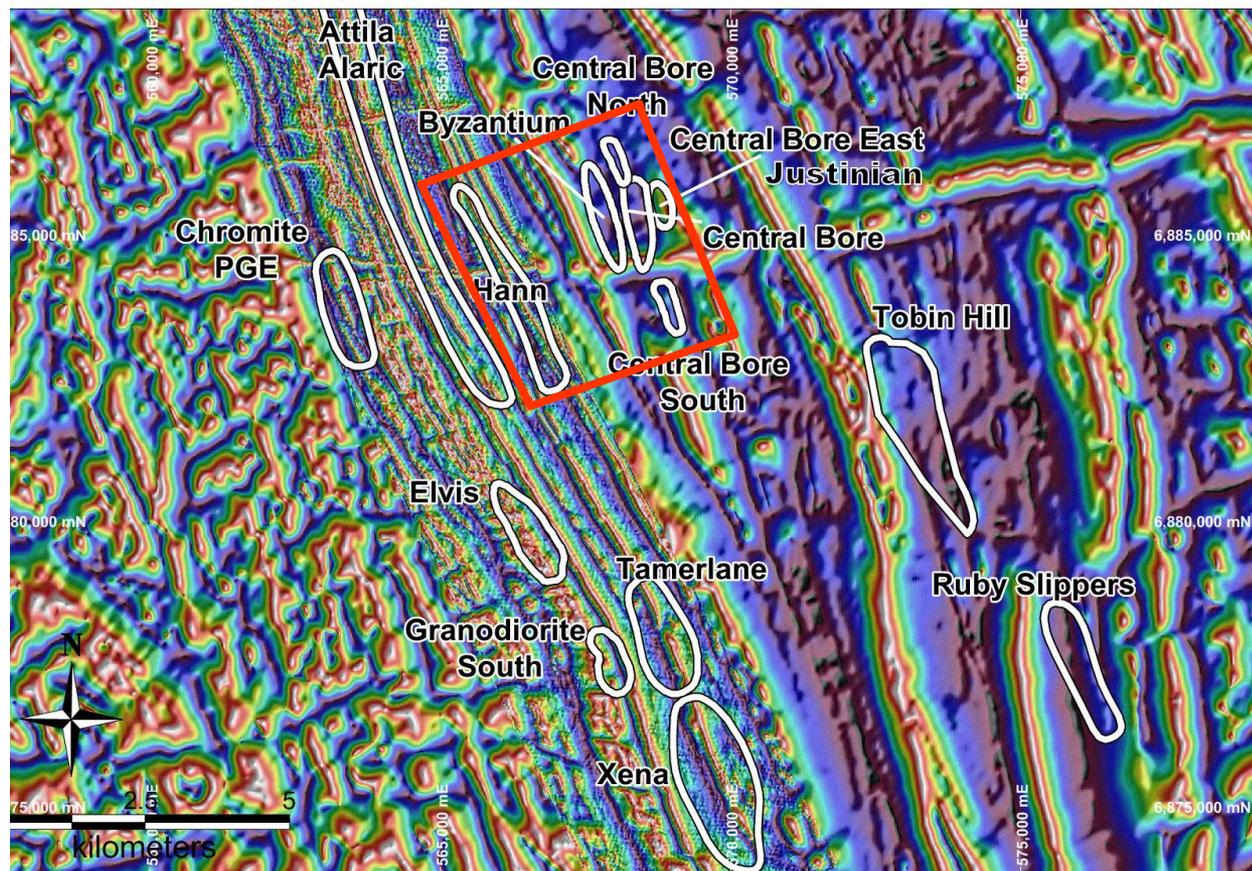
Put Into Perspective

- **Recent discoveries within 2km x 3km area:**

- Central Bore
- Justinian
- Hann
- Byzantium

- **Within 17km strike length of mineralisation**

- **Within ~4,000km² total tenement holding**



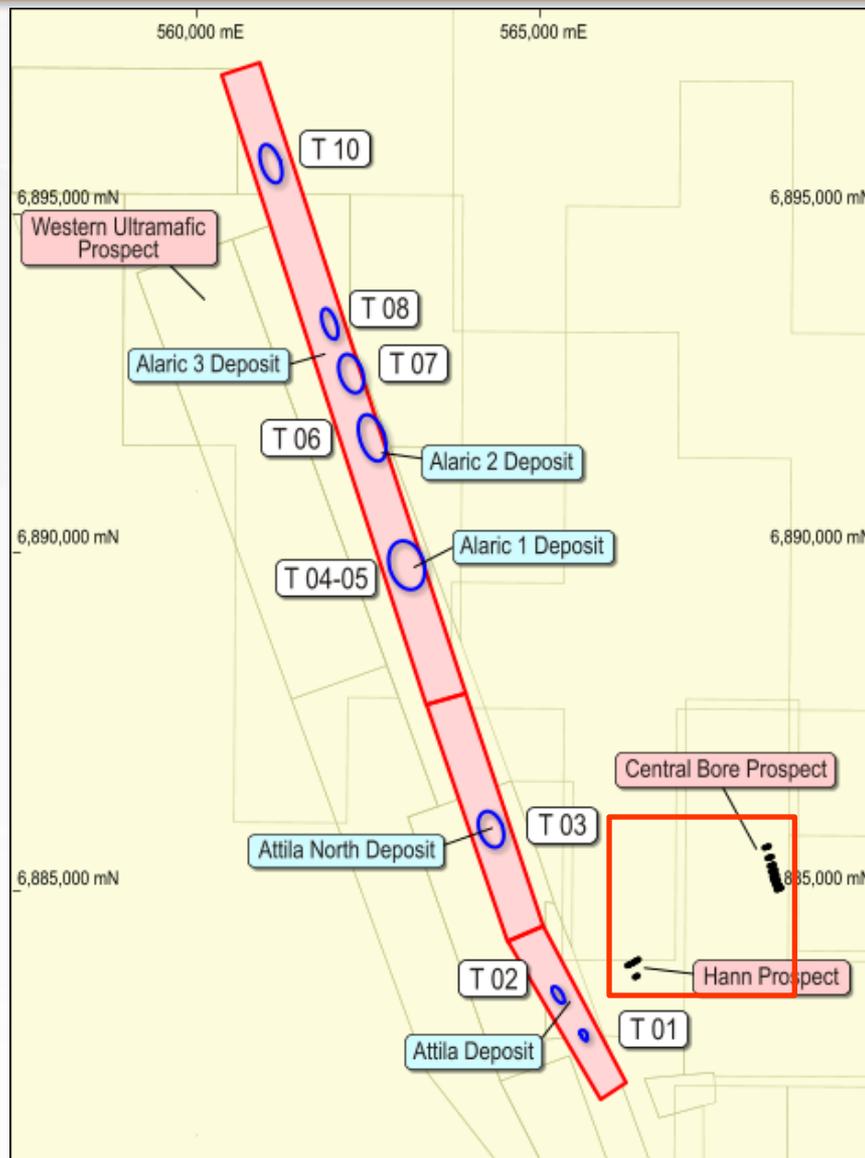
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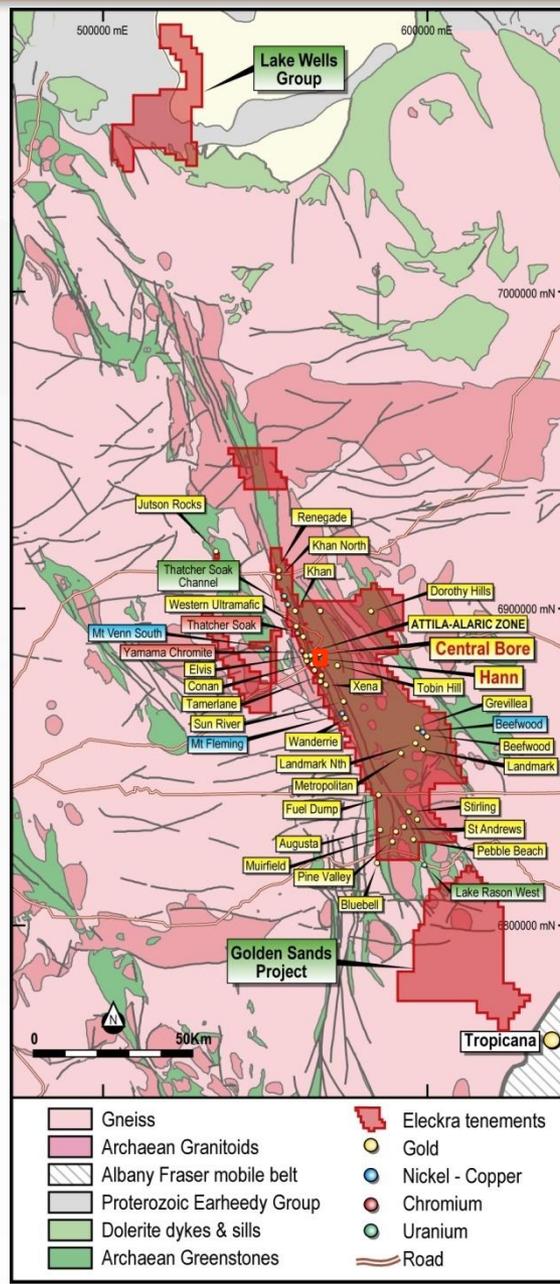
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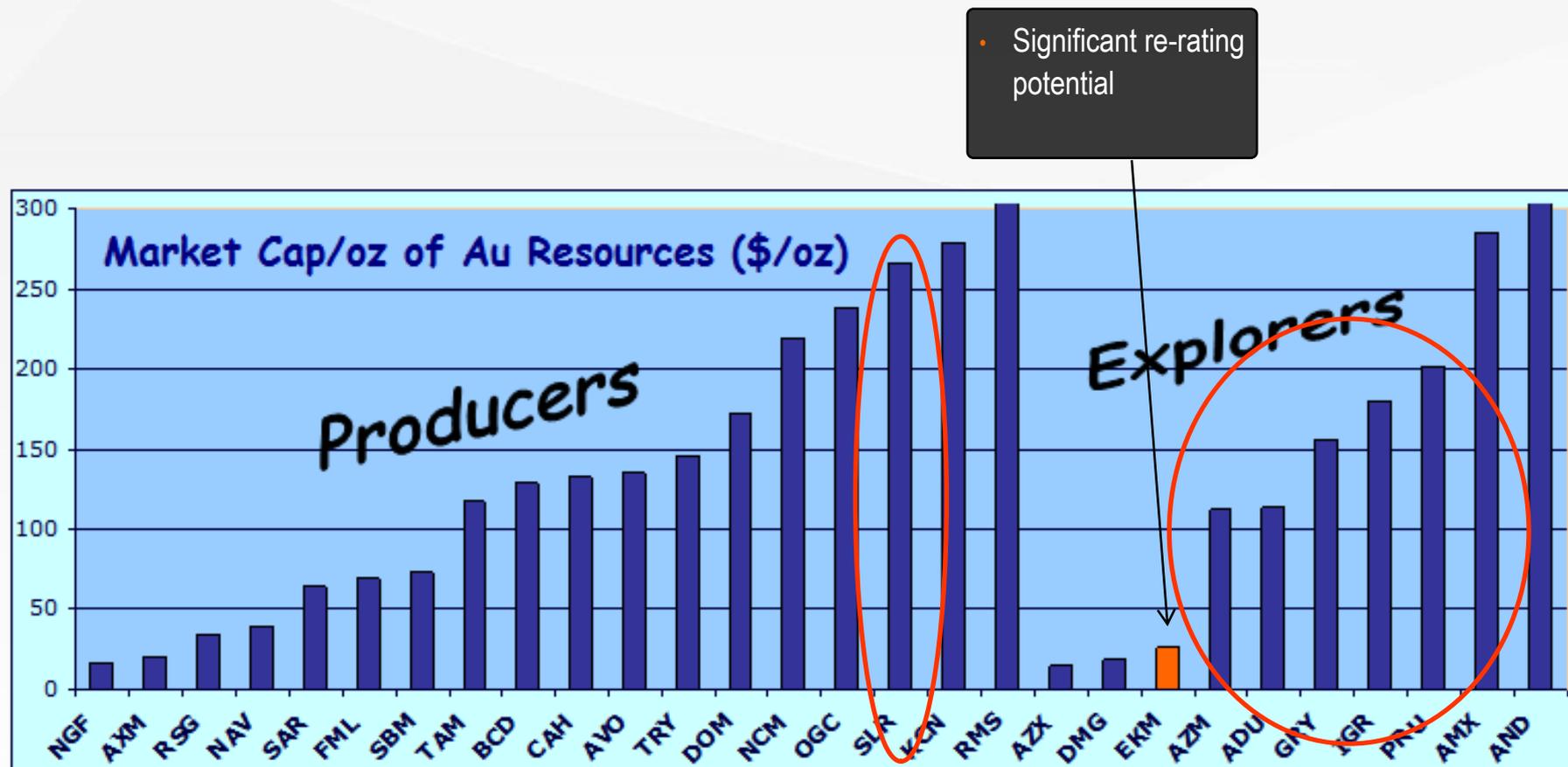
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Peer Comparison



•Source: Strachan Corporate

Corporate Snapshot

ASX Code	EKM
Issued Shares	224.8m
Issued Options: <ul style="list-style-type: none"> Listed: 57,155,004 @ 7c (30/6/2011) Unlisted: 21,800,000 @ 7c to 37c (up to 30/09/2015) 	79m
Share Price on 8 October 2010	A\$0.14
Market Capitalisation @ 8 October 2010	A\$32m
Net Cash – post capital raising	A\$3.5m

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	7.06%
Perth Select Seafoods	10.02	4.46%
Geiger Counter Fund	7.91	3.52%
Asarco Expl Co Inc	5.00	2.22%
Haifa Pty Ltd	4.81	2.14%

Conclusion

- **Outstanding new high grade gold discoveries in 2009/10**
- **Catalyst for continued aggressive drilling and resource delineation programs**



ELECKRA
MINES LIMITED

**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.