

The New Australian High-Grade Gold Belt:

Yamarna Greenstone

**Europe / London November 2010** 

ASX Code: EKM Frankfurt: FRAE6Q



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# Why Invest in Eleckra?

#### 100%-owner of Yamarna Project

- Central Bore (Au)
- Attila-Alaric (Au)
- Thatcher Soak (U)

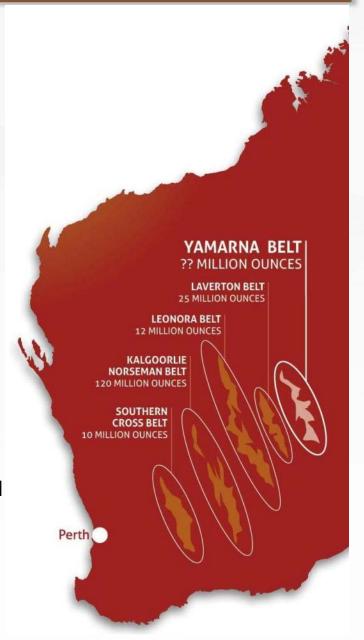
## Discovery of new high-grade gold region

- Increasing evidence that Yamarna is a fourth major, gold-rich, shear zone in the Yilgarn Craton
- Discovered exceptionally high-grade Central Bore (2009) and Justinian (2010) prospects
- Discovered high-grade Byzantium & Hann prospects (2010)
- Ongoing exploration to determine extent of mineralisation

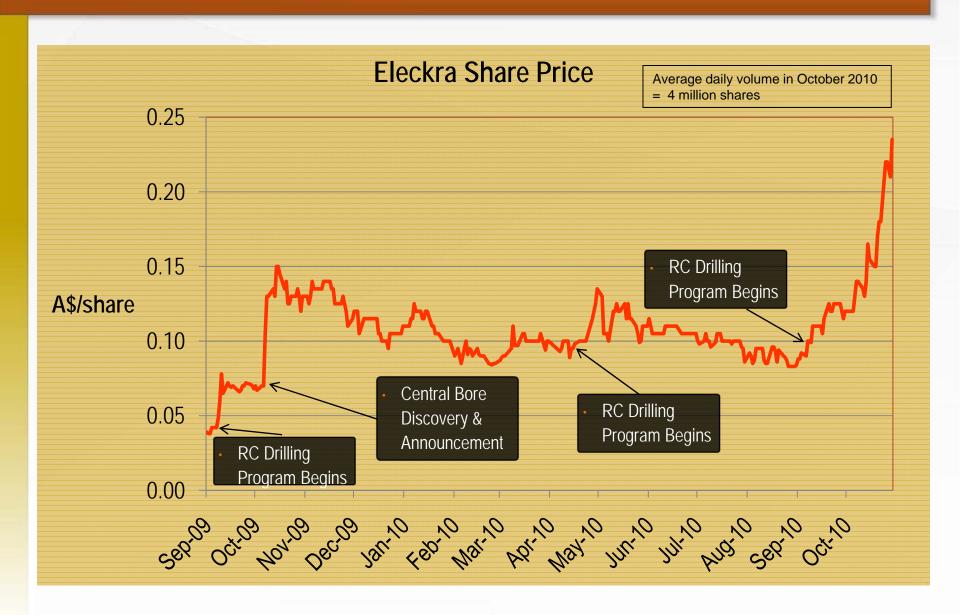
#### Tenements in the right address

- 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



## **Share Price Performance**



## **Corporate Snapshot**

ASX Code	EKM
Issued Shares	224.8m
Issued Options: • Listed: 57,155,004 @ 7c (30/6/2011) • Unlisted: 21,800,000 @ 7c to 37c (up to 30/09/2015)	79m
Share Price on 29 October 2010	A\$0.235
Market Capitalisation @ 29 October 2010	<b>A</b> \$53m
Net Cash – 30 September 2010	A\$2.5m

#### **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%
Zenith Pacific	5.00	2.22%

Top 10 = 30%Top 40 = 46%

Resolution to change Company name to Gold Road Resources Ltd at AGM on 29 November 2010

# ELECKRA MINES LIMITED

Historically under-explored Yamarna greenstone belt



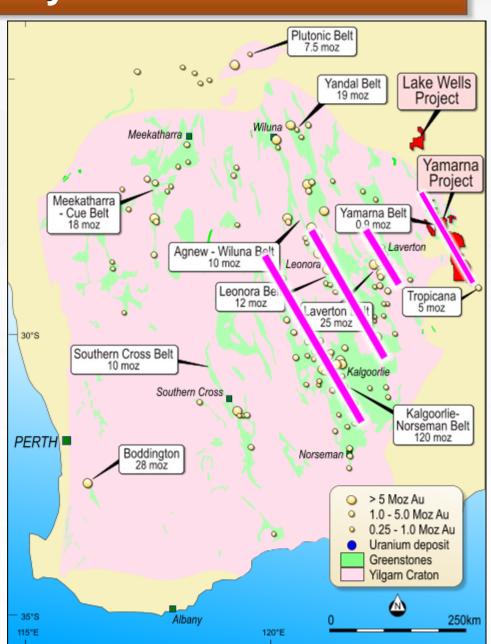
## **Yamarna Belt Prospectivity**

#### **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

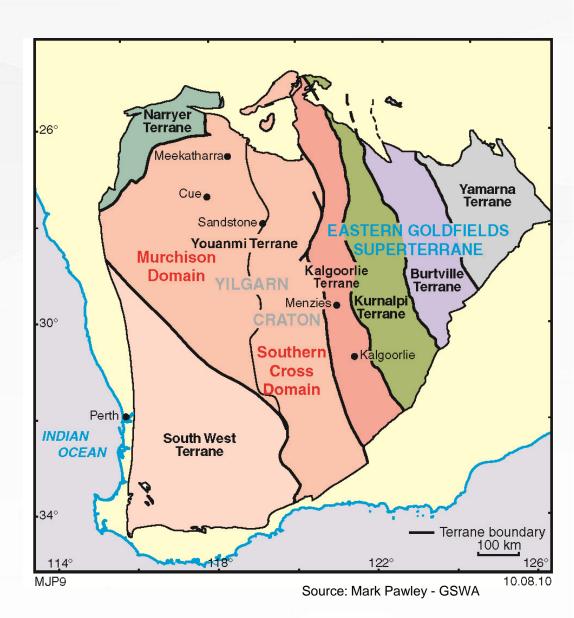
 New GSWA research concluded the northeastern Yilgarn Craton - especially the that the greenstones of the Yamarna Terrane - are similar in age and character to those in the Kalgoorlie Terrane



## **Yamarna Terrane**

#### **GSWA Report October 2010**

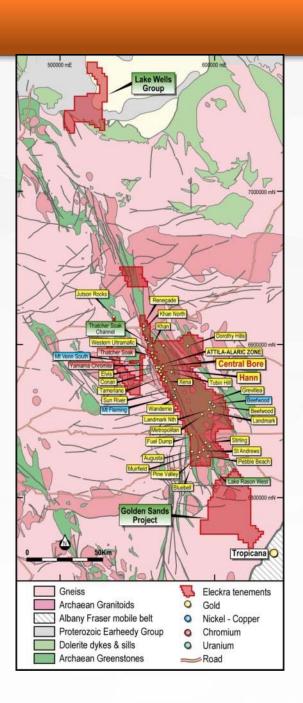
- East of Yamarna Shear Zone
- Package of volcanic rocks ultramafic to felsic composition
- Age 2,720 2,583 Ma
- Similar in age & character to Kalgoorlie Terrane
- Exploration strategies effective in the Kalgoorlie Terrane may prove best for the Yamarna Terrane
- Recognition given to EKM employees:
  - Ziggy Monzogranite (c 2,832 Ma)
  - Argus Igneous Complex



## 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 Trend in 2009/10 discovered multiple high-grade prosects. These results will increase the current gold resources and provide higher average grades.



# Yamarna Project: Key Gold Target Areas

#### **Central Bore Trend**

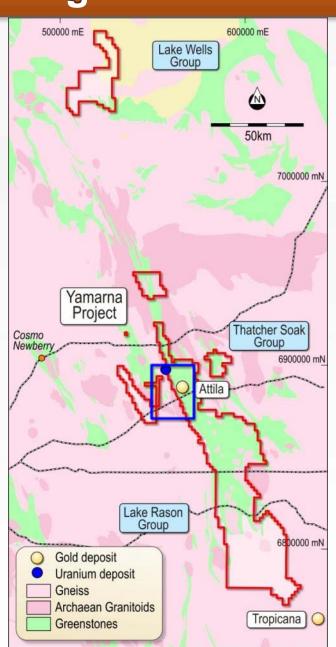
- Four new discoveries in just 15 months:
  - Central Bore (grades up to 1m @ 845g/t Au)
  - Justinian (numerous, wide stuctures)
  - Byzantium (VMS base metal)
  - Hann (2.8km long, still to be fully drilled)
- Virgin high-grade gold discoveries >100g/t in RC drilling
- Mineralisation commences from 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



## Yamarna Project: Key Gold Target Areas

#### **Central Bore Trend**

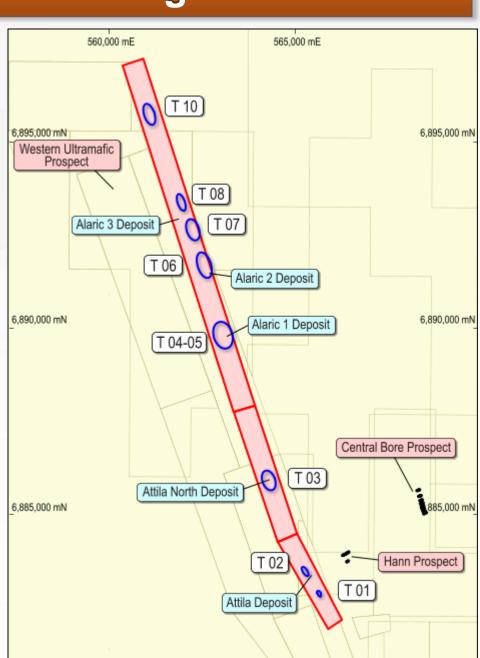
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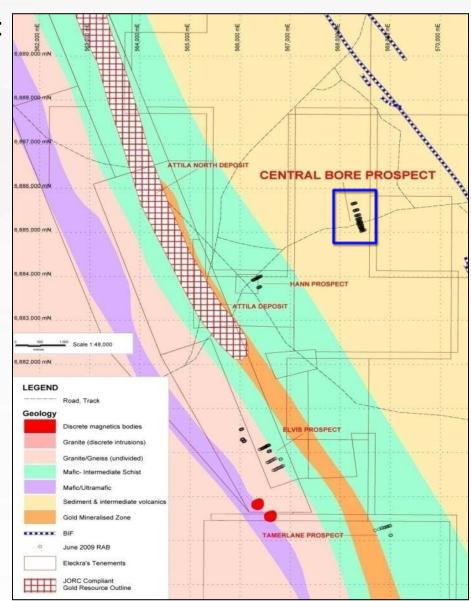
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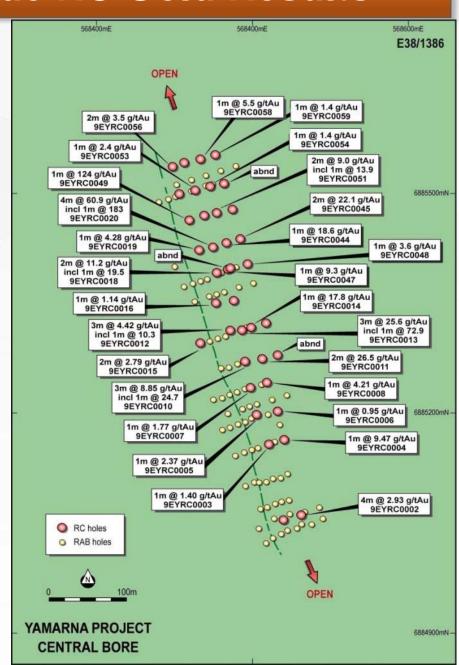
 Northern & southern extensions of main Yamarna trend



- September / October 2009 RC Drilling:
  - 3,900m of drilling, 39 holes
  - Strike confirmed over 500m

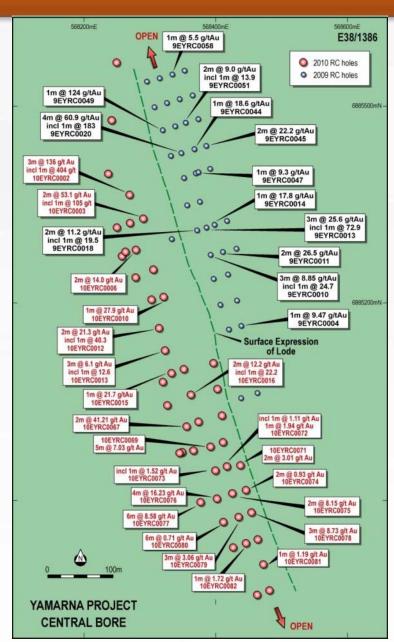


- September / October 2009 RC Drilling:
  - 3,900m of drilling, 39 holes
  - Strike confirmed over 500m
  - Very high-grades intersected at Central Bore include:
    - 4m at 60.9 g/t Au from 64m, incl. 1m at 182.8g/t;
    - 1m at 124g/t from 35m;
    - 3m at 25.6g/t Au from 75m, incl. 1m at 72.85g/t;
    - 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;

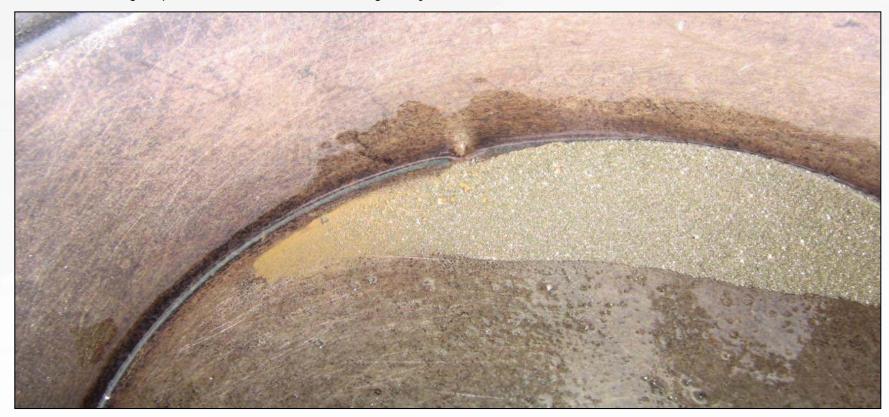


#### April / May / June 2010 RC Drilling:

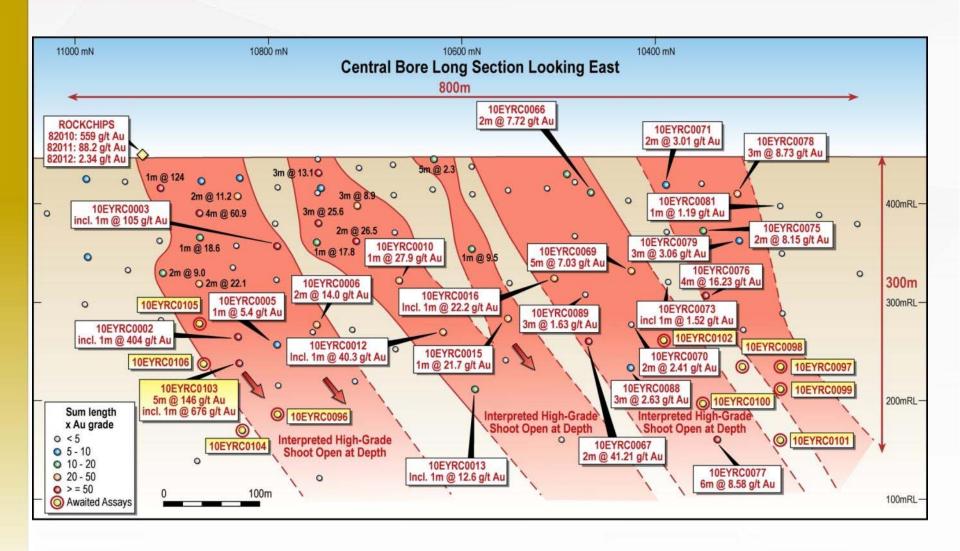
- ~8,100m of drilling, 48 holes
- Testing depth and strike continuity
- 98% of holes intersected mineralisation
- Abundant visible gold panned
- Strike length expanded 60% to 800m
- Depth expanded 100% to 300m
- Bonanza high-grades intersected:
  - 3m at 136g/t Au from 192m, incl. 1m at 404g/t;
  - 2m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



- October 2010 RC Drilling (so far):
  - 13 RC holes for 3,257m;
  - Bonanza high-grades intersected:
    - 5m at 146g/t Au from 226m, incl. 1m at 845g/t (676g/t average);
    - Visible gold panned in other holes awaiting assays



# **Central Bore – Long Section**



RAB drilling results show 1.1km extension to north and 1.2km extension to south

## **Central Bore Work Program**

## Metallurgical recovery testwork

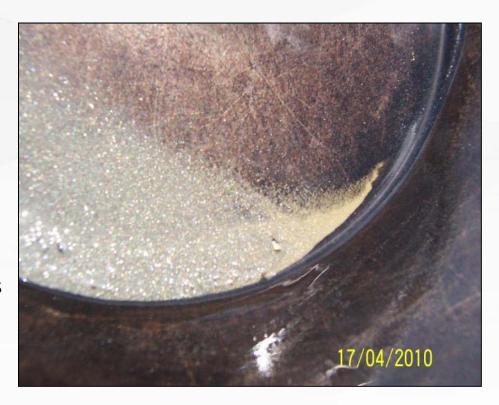
- 96% average recovery
- Fresh rock/sulphides tested (75 microns)

#### Gravity separation testwork

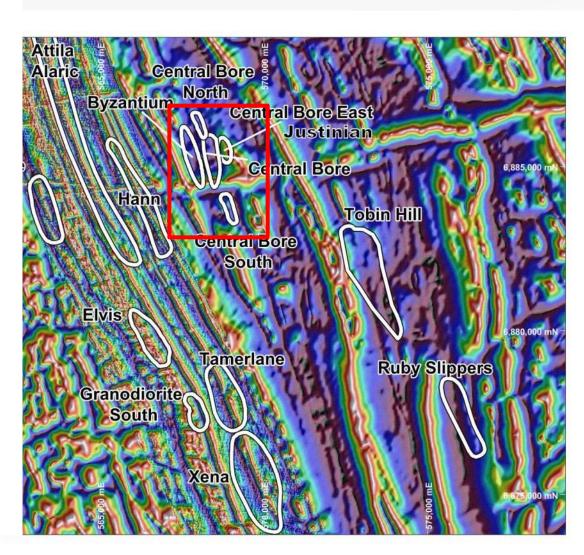
- > 60% separation off basic test
- Further testwork proceeding with Gekko.

#### Maiden resource calculation

- Further drilling around high grade intercepts
- High-level mining economics, incl. modelling, opex & capex
  - Mining engineer with narrow vein experience appointed as consultant

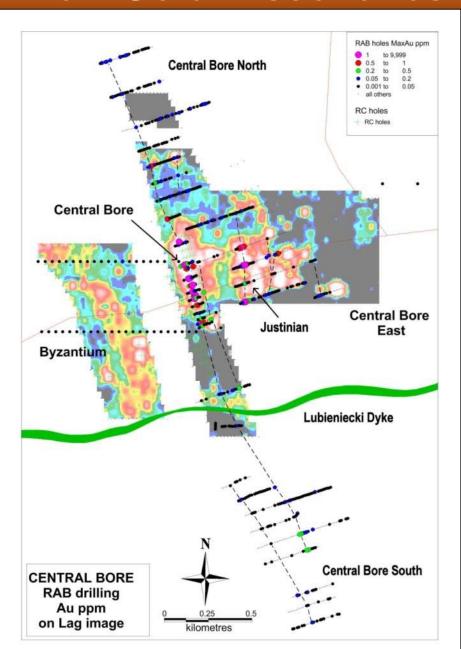


Soil geochemical surveys in 2009/10 identified additional targets near Central Bore:



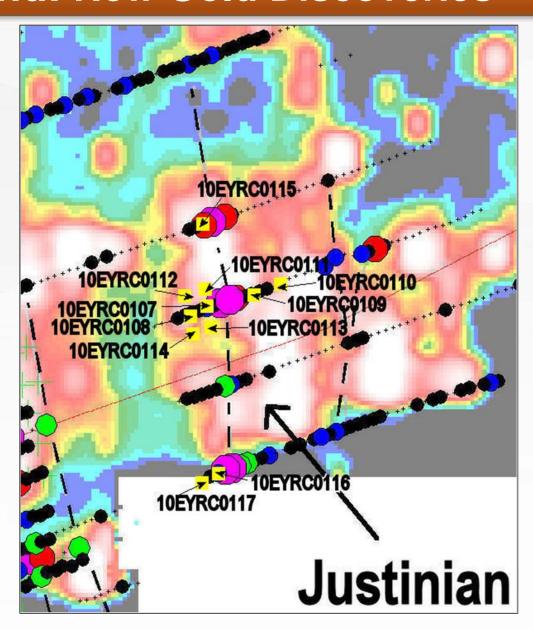
## Justinian Prospect:

- 200m east of Central Bore
- ~6 new anomalies
- 600 metres long
- Elevated gold grades of up to 0.84g/t
- RAB drilling results:
  - 7m @ 4.32g/t Au from 28m;
  - 6m @ 1.39g/t Au from 24m;
  - Further targets to east.



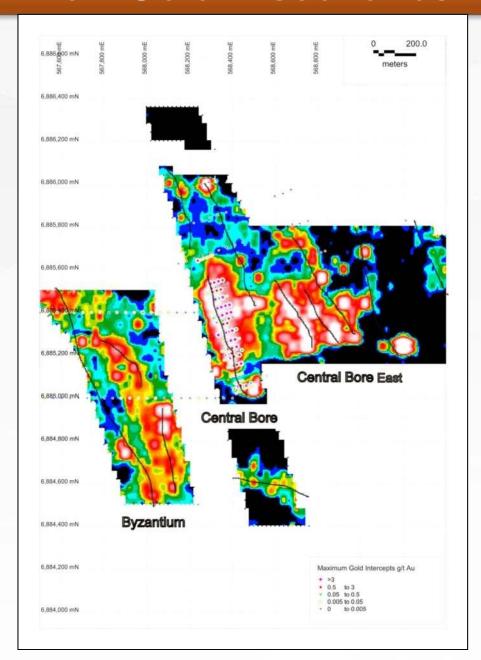
# Justinian Prospect:RC drilling so far:

- 11 holes for 1,490m;
- Range from 81m to 237m;
- 1st hole (#107) = visible gold in pan from 7m wide zone at depth 68 – 75 metres.
- Hole #116 = mineralisation over 72m width, visible fine gold.
- Still early days.



## •Byzantium Prospect:

- 500m west of Central Bore
- Two x 1km long gold anomalies
- Elevated gold grades of up to 0.14g/t
- RC Drill Results:
  - 6 holes drilled for 470m
  - Au, Pb, Zn, Cu, Ba, As, Mo
  - Potential VMS style base metal target

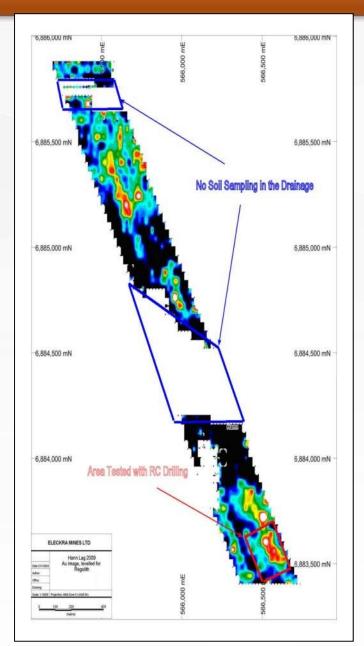


- Hann Prospect:
  - 2.4km west of Central Bore



#### 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

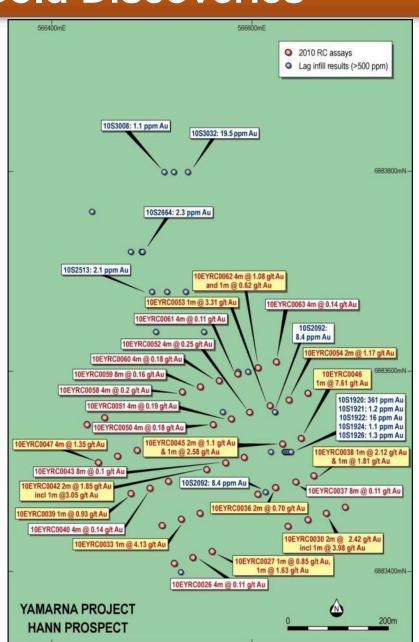


#### Hann prospect - Drill Highlights:

- 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

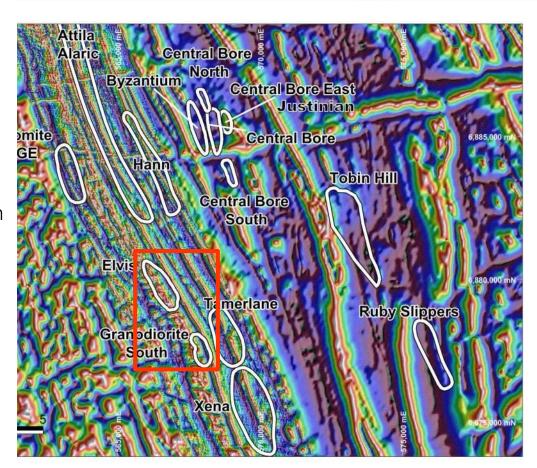
#### Significant results include:

- 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



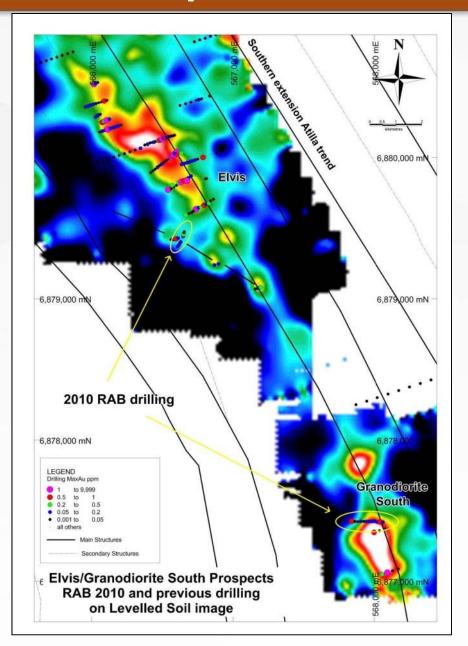
## **Elvis & Granodiorite South Prospects**

- 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

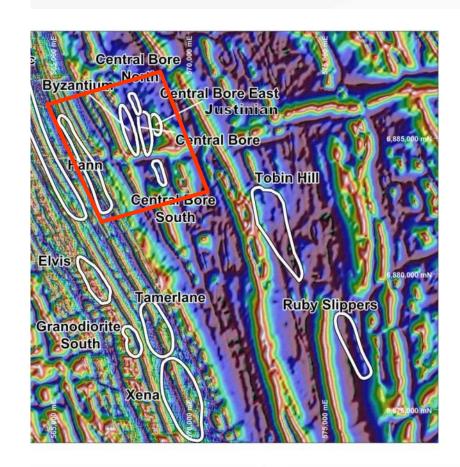
- 17,000m RAB drilling and assaying
- Central Bore to north, south & east; and new prospects

#### 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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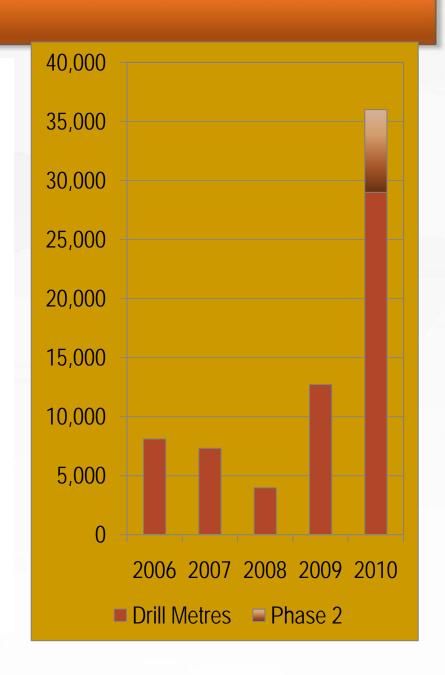
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- Follow up at Central Bore and Justinian

#### Throughout year

- Geochemistry/soils
- 2011 plan to double drilling again

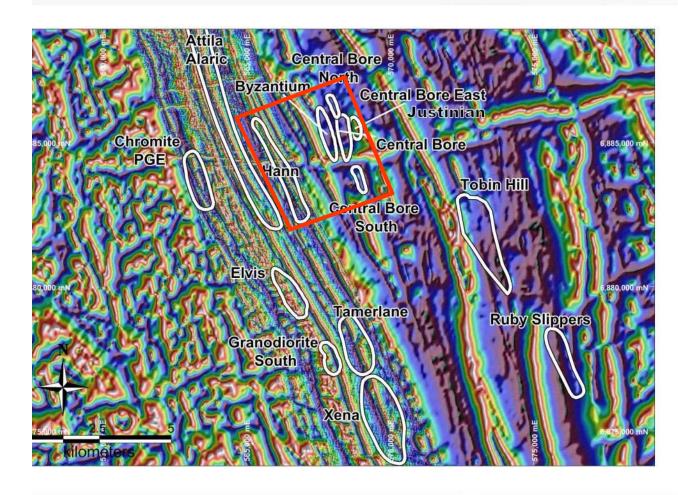


# **Central Bore & Byzantium Prospects**

North Central Bore •Byzantium

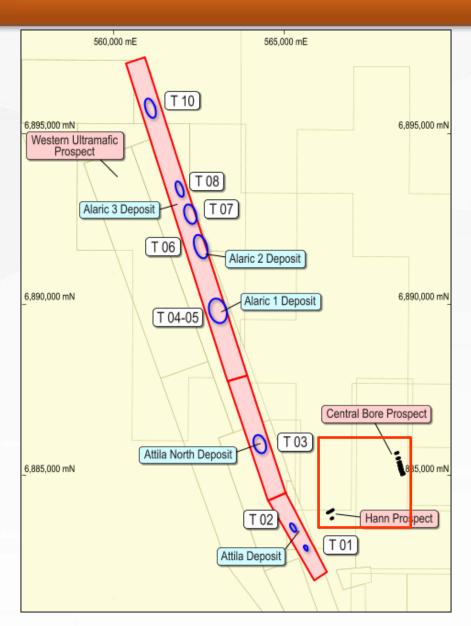
# **Put Into Perspective**

- Recent discoveries within 2km x 3km area:
  - Central Bore
  - Justinian
  - Hann
  - Byzantium



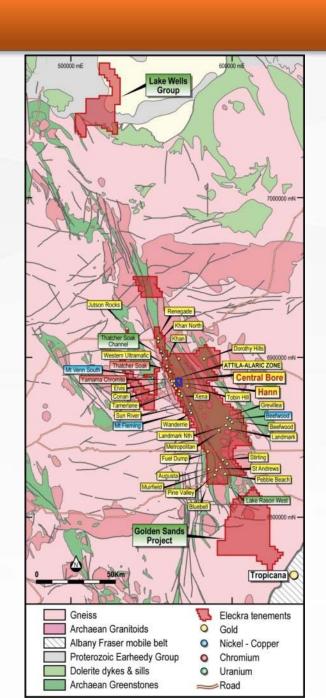
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- Parallel with 33km strike length of known mineralisation

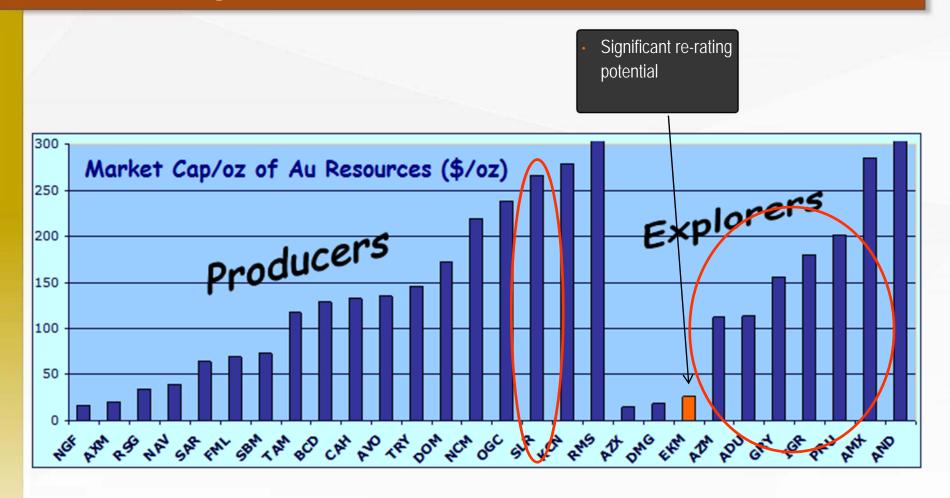


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- Recent discoveries within 2km x 3km area:
  - Central Bore
  - Justinian
  - Hann
  - Byzantium
- Parallel with 33km strike length of known mineralisation
- Within ~4,000km² total tenement holding



## **Peer Comparison**



•Source: Strachan Corporate



#### Conclusion

- Outstanding new high grade gold discoveries in 2009/10
- Catalyst for continued aggressive drilling and resource delineation progams in 2011



# 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.