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BONANZA GRADE GOLD ASSAYS – 845g/t (27oz/t) POTENTIAL NEW GOLD REGION AT YAMARNA

Eleckra Mines Limited (“Eleckra” or “the Company”) (ASX: EKM) is pleased to announce the highest gold intercepts recorded from its wholly-owned Yamarna Gold Project, 140km east of Laverton, Western Australia.

The intercepts, including 1 metre @ 845 g/t, continue the positive trend of results emerging from Yamarna and confirm the Company’s confidence of discovering and developing a major new gold region in WA.

Highlights:

- **1 metre @ 845 g/t Au** within an intercept of **5 metres @ 146 g/t Au (average*)** from 226 metres, recorded from 10EYRC0103;
- Intercept located approximately 30-40 vertical metres below the intercept **1 metre @ 404g/t Au** in RC hole 10EYRC0002 drilled in April 2010;
- Continuing findings of visible gold within tenement area.

Eleckra Executive Chairman, Mr Ian Murray, said these latest results from the Central Bore deposit, combined with last week’s discovery of gold mineralisation over 7 metres at the Justinian Trend, just 200 metres away, confirmed Yamarna’s potential as a high-grade regional gold play.

The results have bolstered the Company’s confidence in its drilling exploration program with a decision to double its targeted drilling activity to 60,000 metres in 2011.

“These are our most exciting results to date and provide further proof that we will continue to prove up the un-tapped potential of this historically under explored region,” Mr Murray said.

“With our RC drilling exploration program continuously highlighting exceptionally high-grade results, we believe we are looking at the emergence of a new major gold-province,” Mr Murray said.

“We have a substantial ground holding of more than 4,100km² in the area and have committed to expand our drilling exploration program.”

“Yamarna’s geographical location has meant that the region has been historically under-explored, yet the potential mineral endowment could be comparable with other more extensively explored Archaean Greenstone belts in the Yilgarn Craton. We have spent considerable time and expense to establish a permanent camp and year round access and we dominate the ground holding over most of the prospective Yamarna Greenstone belt. The effort has paid off as we have access to the potential upside of nearly this entire region.”

Visible gold was also panned from other as yet unassayed holes drilled at the northern shoot, 10EYRC0104 to 10EYRC0106. The results suggest that this super high-grade shoot “The Imperial Shoot” could persist further down a steep plunge. The remaining results from the first batch of assays are expected within the next weeks. Other results from this program will be reported as they become available.

In the current program, Eleckra has completed 13 RC holes (10EYRC0094 to 10EYRC0106) for 3,257 metres at the Central Bore deposit and 4 RC holes for 643 metres at the Justinian Trend so far. The 500 metre long Justinian Trend is located approximately 200 metres east of Central Bore. The current RC drilling program will be finalised later this year. Eleckra aims to publish a maiden JORC resource in early 2011.

* Average – means an average of repeats and duplicates. See table below.

Central Bore Long Section Looking East

800m

11000 mN 10800 mN 10600 mN 10400 mN

400mRL
300m
300mRL
200mRL
100mRL

ROCKCHIPS
82010: 559 g/t Au
82011: 88.2 g/t Au
82012: 2.34 g/t Au

10EYRC0003
incl. 1m @ 105 g/t Au

10EYRC0006
2m @ 14.0 g/t Au

10EYRC0010
1m @ 27.9 g/t Au

10EYRC0016
incl. 1m @ 22.2 g/t Au

10EYRC0069
5m @ 7.03 g/t Au

10EYRC0071
2m @ 3.01 g/t Au

10EYRC0078
3m @ 8.73 g/t Au

10EYRC0081
1m @ 1.19 g/t Au

10EYRC0075
2m @ 8.15 g/t Au

10EYRC0079
3m @ 3.06 g/t Au

10EYRC0076
4m @ 16.23 g/t Au

10EYRC0073
incl. 1m @ 1.52 g/t Au

10EYRC0102

10EYRC0098

10EYRC0097

10EYRC0099

10EYRC0101

10EYRC0077
6m @ 8.58 g/t Au

10EYRC0067
2m @ 41.21 g/t Au

10EYRC0088
3m @ 2.63 g/t Au

10EYRC0070
2m @ 2.41 g/t Au

10EYRC0089
3m @ 1.63 g/t Au

10EYRC0015
1m @ 21.7 g/t Au

10EYRC0012
incl. 1m @ 40.3 g/t Au

10EYRC0005
1m @ 5.4 g/t Au

10EYRC0105

10EYRC0106

10EYRC0103
5m @ 146 g/t Au
incl. 1m @ 676 g/t Au

10EYRC0104

10EYRC0096

10EYRC0013
incl. 1m @ 12.6 g/t Au

Interpreted High-Grade Shoot Open at Depth

Interpreted High-Grade Shoot Open at Depth

Sum length x Au grade

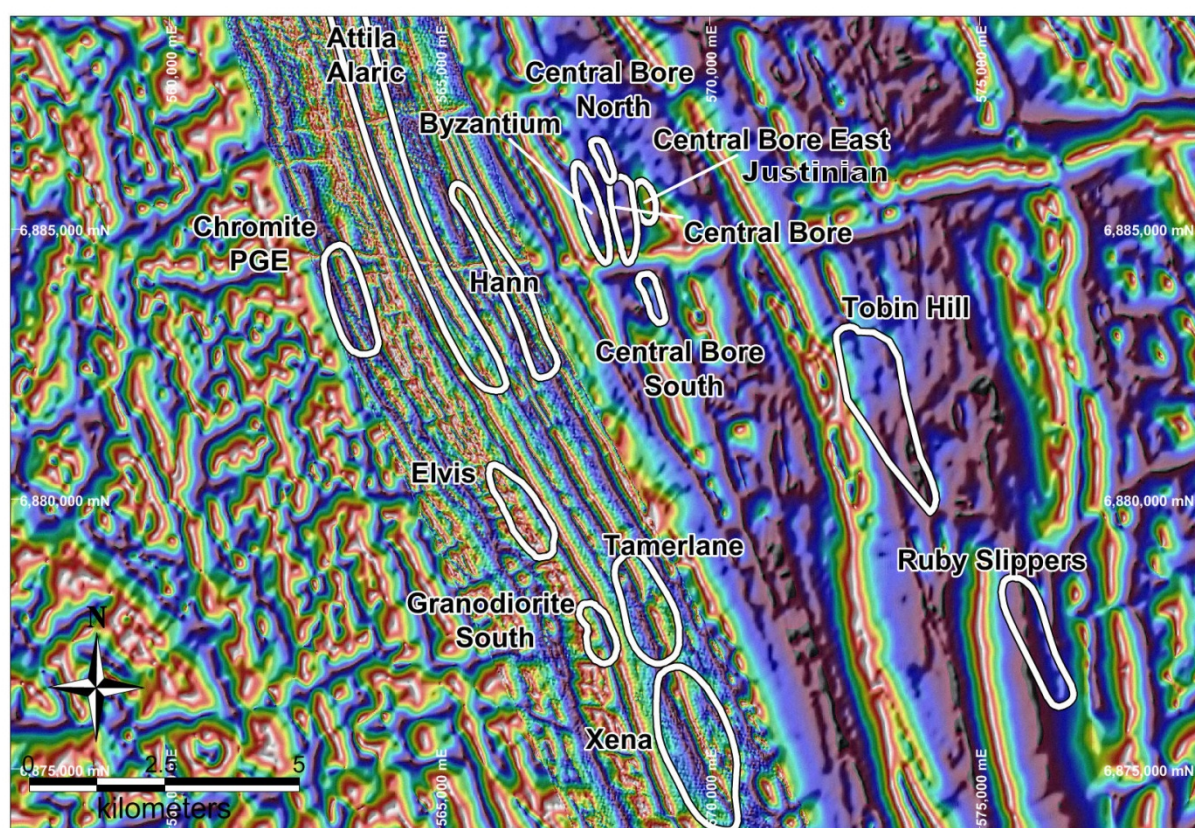
- < 5
- 5 - 10
- 10 - 20
- 20 - 50
- >= 50
- Awaited Assays

0 100m

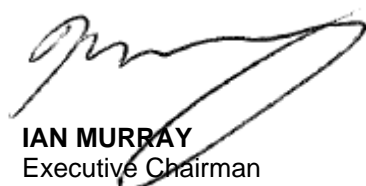
Table 1. Summary of Significant RC Drill Intercepts from Hole 10EYRC0103 at Central Bore

Hole_ID	mFrom	mTo	Interval	Au g/t	Au g/t Rpt1	E_AMG	N_AMG	Notes
10EYRC0103	226	227	1	371.17	844.56	568,248	6,885,352	
10EYRC0103	226	227	1	765.61	725.41	568,248	6,885,352	Duplicate
10EYRC0103	227	228	1	60.69	50.20	568,248	6,885,352	
10EYRC0103	227	228	1	27.04	22.92	568,248	6,885,352	Duplicate
10EYRC0103	228	229	1	12.27	14.98	568,248	6,885,352	
10EYRC0103	228	229	1	3.06	3.44	568,248	6,885,352	Duplicate
10EYRC0103	229	230	1	4.12	4.36	568,248	6,885,352	
10EYRC0103	229	230	1	1.62	1.36	568,248	6,885,352	Duplicate
10EYRC0103	230	231	1	2.61	2.64	568,248	6,885,352	
10EYRC0103	230	231	1	0.64		568,248	6,885,352	Duplicate

Figure 3: Prospect Location Map overlaid on the Magnetics



Yours sincerely



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About Eleckra Mines Limited

Eleckra Mines Limited (ASX: EKM) is a gold exploration company which owns tenements covering over 4,000 square kilometres of the Yamarna greenstone belt. The Yamarna belt, adjacent to the 500 kilometre long Yamarna shear zone, is a historically under-explored region that is highly prospective for gold mineralisation and hosts a number of significant new discoveries. It lies north of the recently discovered 6 million ounce Tropicana deposit owned by AngloGold-Ashanti / Independence.

Eleckra is focussing on progressing its two key project areas within the greater Yamarna Project:

- The **Attila Trend, (Barbarian Trend)**, which includes Attila, Alaric and Khan deposits and extends for over 33 kilometres and hosts a significant JORC resource.
- The **Central Bore Trend (Imperial Trend)** is a 6 km² area east of the southern extent of the Barbarian Trend which has delivered four new discoveries in 15 months:
 - **Central Bore** - gold mineralisation over a strike length of 800 metres and from surface to a depth of 300 metres, with assay results of up to 845g/t gold. It remains open to the north, south and depth.
 - **Justinian** – 200 metres east of Central Bore, 600 metres long, wider structure than Central Bore.
 - **Byzantium** – 500 metres west of Central Bore, 1km long, VMS style base metal prospect.
 - **Hann** – 2.4km west of Central Bore, 2.8km long, three parallel gold anomalies.

NOTES:

The information in this report which relates to Exploration Results, or Mineral Resources is based on information compiled by Ziggy Lubieniecki, the General Manager of Eleckra Mines Limited, who is a Member of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. Ziggy Lubieniecki has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration 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". Ziggy Lubieniecki consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.