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Dear Sir / Madam

## **Excellent Gold Recoveries Averaging 96% from Metallurgical Testwork at Central Bore**

Eleckra Mines Limited ("Eleckra") (ASX: EKM) is pleased to announce excellent gold recoveries from the high-grade Central Bore prospect at its 100% - owned Yamarna Gold Project.

### **Highlights:**

- **Tested 42 selective 1-metre drill intercepts from 12 RC holes;**
- **Depths of samples ranged from 104 to 227 metres;**
- **All samples from fresh rock;**
- **Samples ground to 75 microns;**
- **Average gold recovery achieved 96% of Au content.**

During April-June 2010 at the Central Bore prospect, Eleckra completed 48 RC holes for 8,103 metres. Hole depths ranged from 54 to a maximum of 348 metres with an average depth of 169 metres.

Eleckra has since carried out metallurgical testwork on 42 selective 1-metre drill intercepts from 12 RC holes at the Central Bore deposit using the 1-kilogram 24-hour bottle roll accelerated cyanide leach technique - Leach Well.

The results from the bottle roll show extremely good **gold recoveries averaging 96%** achieved after grinding to Carbon-in-Leach (CIL) size ranges of 75 microns. The samples came from **depths ranging from 104 to 227 metres**, all in **fresh rock**. These results are very encouraging.

Commenting on the results, Eleckra's General Manager Ziggy Lubieniecki noted: *"The results demonstrate that conventional CIL technology will generate excellent recoveries on Central Bore ore. Given the abundant visible gold panned during drill sampling we may also get good recovery from simple-low cost gravity separation which would reduce the size of the leach plant and reagent consumption necessary for CIL gold recovery"*

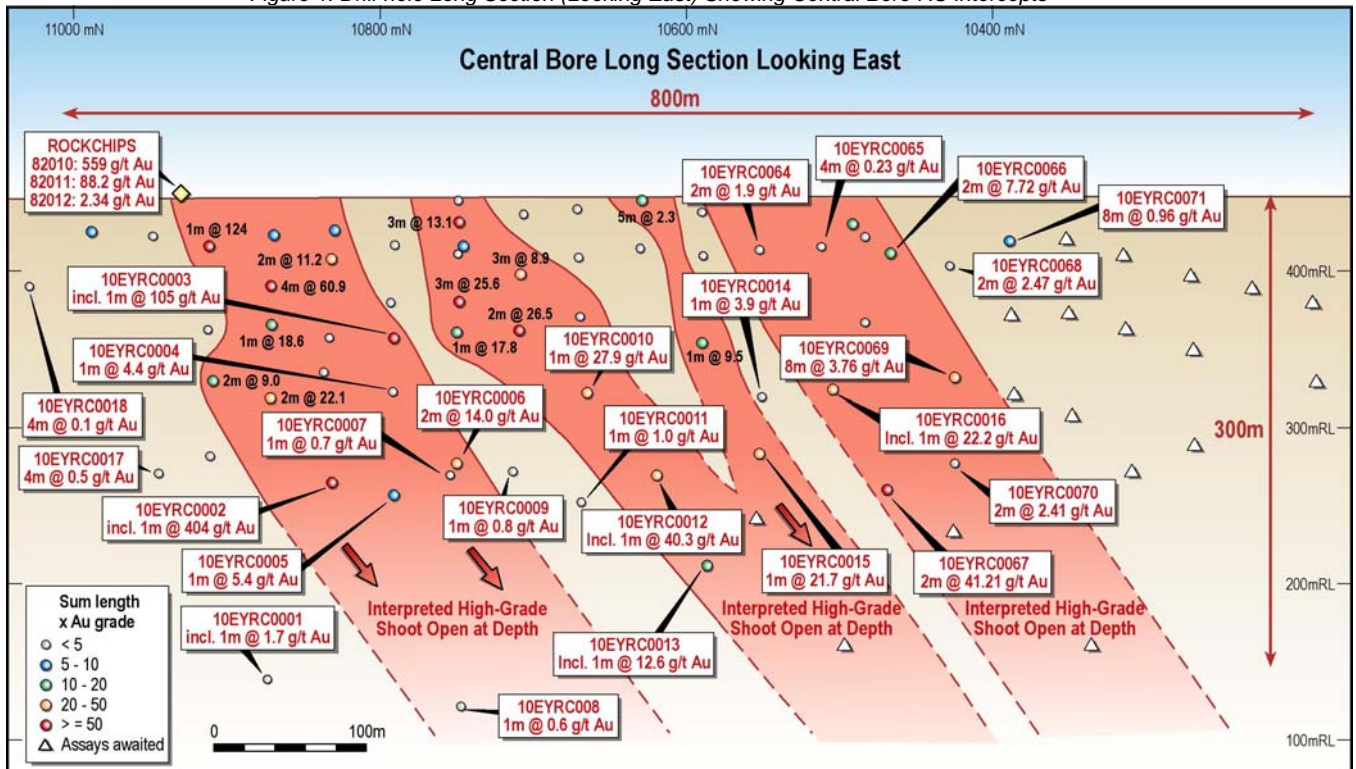
The gravity separation testwork on Central Bore is continuing and the results are expected later in the year.

The Central Bore maiden resource is expected to be completed in the fourth quarter of calendar 2010.

Table 1. Summary of 24-hour bottle roll accelerated cyanide leach (Leach Well) at Central Bore

Sample	Hole ID	mFrom	mTo	E_AMG	N_AMG	Calculated Head Au (g/t)	Recovery Au (%)	Notes
83742	10EYRC0002	134	135	568,269	6,885,361	2.48	95%	
83744	10EYRC0002	136	137	568,269	6,885,361	1.72	84%	
83788	10EYRC0002	178	179	568,269	6,885,361	8.65	95%	
84726	10EYRC0002	178	179	568,269	6,885,361	8.72	96%	Duplicate
83739	10EYRC0002	192	193	568,269	6,885,361	433.26	97%	
83802	10EYRC0002	192	193	568,269	6,885,361	387.09	97%	Duplicate
83803	10EYRC0002	193	194	568,269	6,885,361	3.87	97%	
83779	10EYRC0002	193	194	568,269	6,885,361	3.05	96%	Duplicate
83804	10EYRC0002	194	195	568,269	6,885,361	3.03	96%	
83851	10EYRC0003	104	105	568,290	6,885,325	130.83	95%	
83863	10EYRC0003	104	105	568,290	6,885,325	107.39	94%	Duplicate
83852	10EYRC0003	105	106	568,290	6,885,325	1.12	96%	
83917	10EYRC0004	143	144	568,270	6,885,319	4.53	95%	
83899	10EYRC0004	143	144	568,270	6,885,319	4.21	94%	Duplicate
83991	10EYRC0005	211	212	568,249	6,885,312	5.8	97%	
83979	10EYRC0005	211	212	568,249	6,885,312	6.27	96%	Duplicate
84063	10EYRC0006	178	179	568,278	6,885,278	22.87	98%	
84019	10EYRC0006	178	179	568,278	6,885,278	29.89	97%	Duplicate
84059	10EYRC0006	179	180	568,278	6,885,278	11.54	98%	
84064	10EYRC0006	179	180	568,278	6,885,278	10.79	96%	Duplicate
84314	10EYRC0010	125	126	568,321	6,885,205	27.93	91%	
84299	10EYRC0010	125	126	568,321	6,885,205	29.23	89%	Duplicate
84379	10EYRC0011	193	194	568,303	6,885,201	1.12	90%	
84394	10EYRC0011	193	194	568,303	6,885,201	1.09	91%	Duplicate
84459	10EYRC0012	188	189	568,314	6,885,158	38.26	97%	
84460	10EYRC0012	188	189	568,314	6,885,158	31.33	97%	Duplicate
84461	10EYRC0012	189	190	568,314	6,885,158	2.99	94%	
84462	10EYRC0012	189	190	568,314	6,885,158	1.67	92%	Duplicate
84499	10EYRC0013	224	225	568,323	6,885,124	2.88	89%	
84501	10EYRC0013	224	225	568,323	6,885,124	2.84	87%	Duplicate
84502	10EYRC0013	225	226	568,323	6,885,124	11.56	93%	
84503	10EYRC0013	225	226	568,323	6,885,124	11.36	92%	Duplicate
84504	10EYRC0013	226	227	568,323	6,885,124	3.32	95%	
84505	10EYRC0013	226	227	568,323	6,885,124	3.38	95%	Duplicate
84511	10EYRC0014	133	134	568,352	6,885,095	4.16	92%	
84512	10EYRC0014	133	134	568,352	6,885,095	3.98	91%	Duplicate
84666	10EYRC0015	173	174	568,333	6,885,090	21.98	96%	
84667	10EYRC0015	173	174	568,333	6,885,090	21.85	95%	Duplicate
84718	10EYRC0016	136	137	568,364	6,885,056	23.3	98%	
84719	10EYRC0016	136	137	568,364	6,885,056	28.96	95%	Duplicate
84720	10EYRC0016	137	138	568,364	6,885,056	2.22	97%	
84721	10EYRC0016	137	138	568,364	6,885,056	2.23	94%	Duplicate

Figure 1. Drill-hole Long Section (Looking East) Showing Central Bore RC Intercepts



Yours sincerely

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**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.

**APPENDIX:**

The Yamarna Project is located approximately 150km east of Laverton on the eastern edge of the Yilgarn Craton and within the Yamarna Greenstone Belt.

The Mineral Resources according to JORC code for the Yamarna Gold project (Refer to Eleckra's ASX announcement dated 1 September 2008).

*Table 2. The Mineral Resource inventory for the Yamarna Gold project as at 21 August 2008.  
Note: rounding errors may occur.*

<b>At 0.5 g/t Au Cut off</b>	<b>2008 Resource</b>		
<b>Resource Category</b>	<b>Tonnes</b>	<b>Au Grade (g/t)</b>	<b>Contained Au (Troy Oz)</b>
<b>Measured Resource</b>	6,449,000	1.55	322,000
<b>Indicated Resource</b>	6,251,000	1.36	273,000
<b>Inferred Resource</b>	7,117,000	1.41	322,000
<b>Total</b>	<b>19,817,000</b>	<b>1.44</b>	<b>917,000</b>

<b>At 1.0 g/t Au Cut off</b>	<b>2008 Resource</b>		
<b>Resource Category</b>	<b>Tonnes</b>	<b>Au Grade (g/t)</b>	<b>Contained Au (Troy Oz)</b>
<b>Measured Resource</b>	5,027,000	1.75	283,000
<b>Indicated Resource</b>	3,745,000	1.75	211,000
<b>Inferred Resource</b>	4,356,000	1.82	255,000
<b>Total</b>	<b>13,128,000</b>	<b>1.78</b>	<b>749,000</b>