For personal use only

ELECKRA MINES LIMITED

ABN 13 109 289 527

QUARTERLY ACTIVITIES REPORT

FOR THE THREE MONTHS ENDED 30 JUNE 2009

HIGHLIGHTS

GOLD

Drilling
Recently completed RAB drilling at the **Central Bore** prospect intersected high grade gold values over a 300m strike length. Significant results include:

- 4 metres at 4.01 g/t Au from surface
- 4 metres at 14.14 g/t Au from 16 metres
- 6 metres at 1.22 g/t Au from 20 metres
- 2 metres at 1.73 g/t Au from 20 metres
- 8 metres at 0.98 g/t Au from 16 metres

The Central Bore prospect is located only 3.7 kilometres east of the Attila gold deposit, the southernmost of the Yamarna Gold Deposits that have a combined Measured, Indicated and Inferred Mineral Resource Estimate of 19.8Mt at 1.44 g/t Au for 917,000 ounces of contained gold using a 0.5 g/t cut-off.

The Company anticipates completing a first pass RC drill program in the next quarter to test the mineralisation at depth and along strike.

Drilling at the Elvis, Tamerlane, Hann and Dorothy Hills prospects also returned significant gold anomalies that will be followed up with further drilling in the second half of 2009.

Yamarna Deeps
Two high-grade segments of the deposit with a number of +10.0 g/t Au intercepts have been selected for a close-spaced drilling program in the September quarter. The aim of the drilling program will be to determine the orientation and the continuity of high-grade shoots within the Yamarna Gold Resource.

Metallurgy
Eleckra has undertaken Stage 1 metallurgical testwork on diamond core from the Attila gold deposit to provide an understanding of the gold distribution and recoveries in representative samples from the oxide, transitional and fresh domains. The results and the report for Stage 1 are expected in the September quarter.

Stage 2 column leach testwork will start in the September quarter to test whether Attila deposit would be amenable to conventional heap leach gold extraction.

URANIUM

The Company is evaluating strategies to unlock the value in the Thatcher Soak uranium resource. Exploration of the Lake Wells, Lake Rason and other prospects for uranium mineralisation is being planned.

6 Altona Street, West Perth, WA 6005
PO Box 1157, West Perth, WA 6872
Tel: +61 8 9486 4144 Fax: +61 8 9481 6405
Email: perth@eleckramines.com.au
Web Site: www.eleckramines.com.au

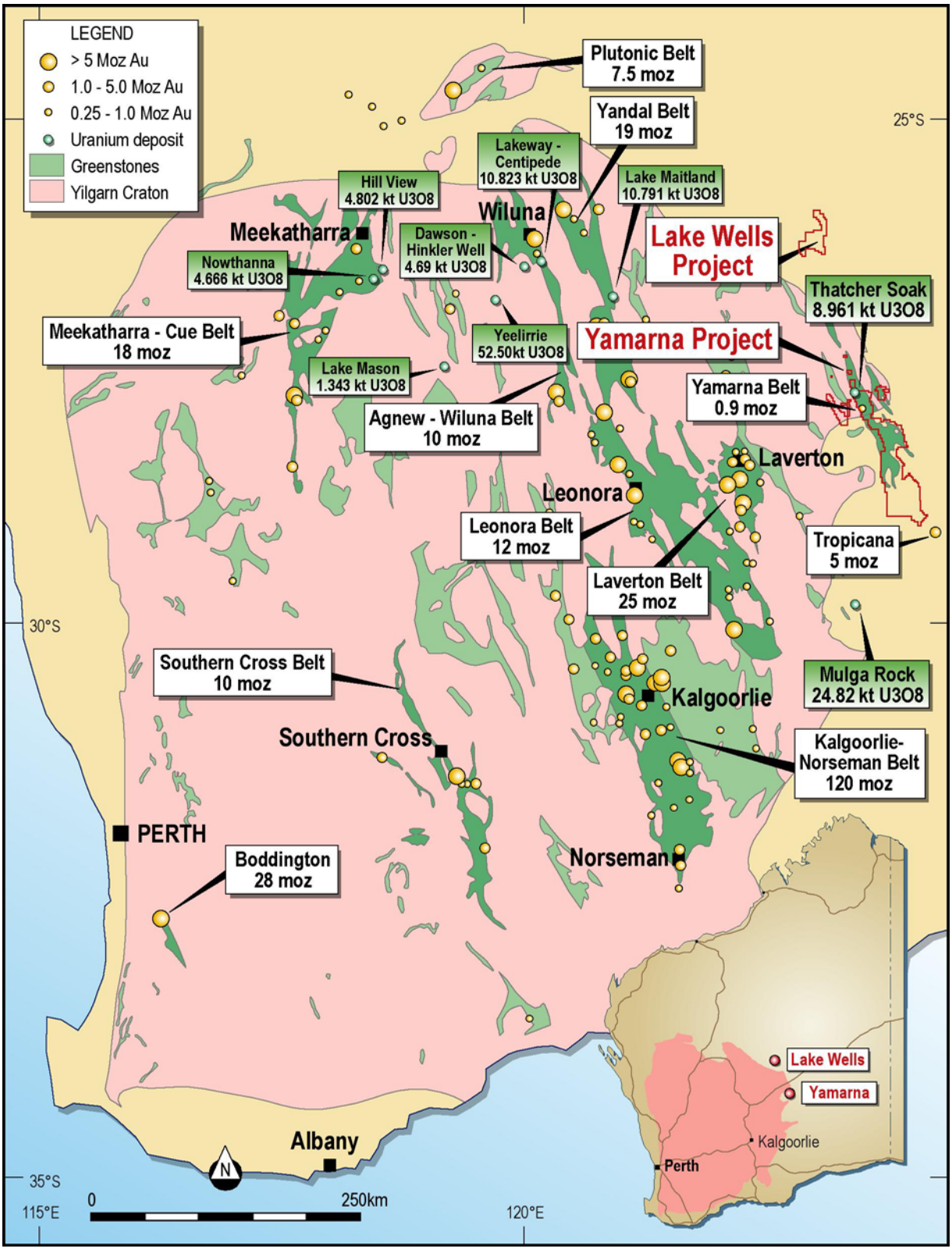


Figure 1: Eleckra's Yamarna Project Location Map

For personal use only

For personal use only

GOLD

June 2009 Drilling Program

During June 2009, Eleckra completed 310 inclined RAB holes for 5,464m at its **Yamarna Gold Project**. The purpose of this drilling program was to follow up geochemical and drill hole gold anomalies in five areas: Central Bore, Elvis, Tamerlane, Hann and Dorothy Hills. Composite 4m samples were collected from each hole. Anomalous 4m-composite intercepts have been re-sampled at one metre intervals and submitted to the laboratory for analysis.

Central Bore, Elvis and Hann are located in structures parallel to and within 4km of the Attila deposit. Tamerlane is located about 5km south of Attila. The Dorothy Hills area is located approximately 35km northeast from the Attila deposit.

The **Central Bore** prospect is located approximately 3.7km east of Attila and 2.5km east of Hann. Previous soil surveys identified an approximate 2km long gold anomaly within which previous limited RAB drilling intercepted gold mineralisation of up to 1m @ 16.65 g/t Au from 17m. The June 2009 program drilled seventy holes on 11 fences in order to assess the potential of the prospect and to delineate this gold mineralisation.

Gold anomalism was intersected in all drill fences over a strike length of 640m. (Refer to Figure 3). High grade gold values were intersected over a 300m strike length in the central fences. The best results were 4m @ 4.01 g/t Au from surface in drill hole 9EYRB0135 and 4m @ 14.14 g/t Au from 16m in drill hole 9EYRB154.

Eleckra is highly encouraged by the high-grade values and extent of these results and anticipates completing a follow up RC drilling program in the next quarter to test the mineralisation at depth and along the strike. The Central Bore prospect has had no previous RC drilling.

Drilling at the Elvis, Tamerlane, Hann and Dorothy prospects also returned significant gold anomalies that will be followed up with RC and RAB in the second half of 2009.

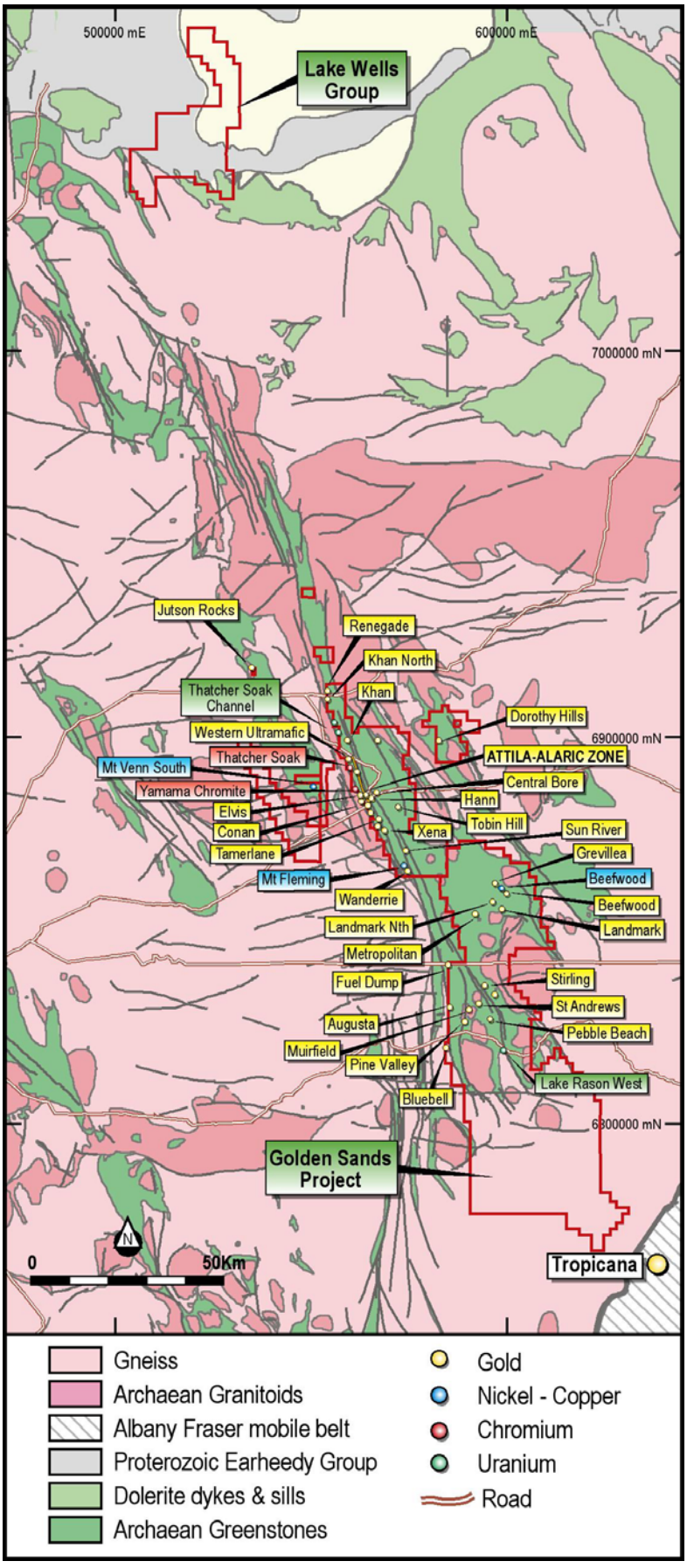


Figure 2: Eleckra's Yamarna Prospect Location Map

For personal use only

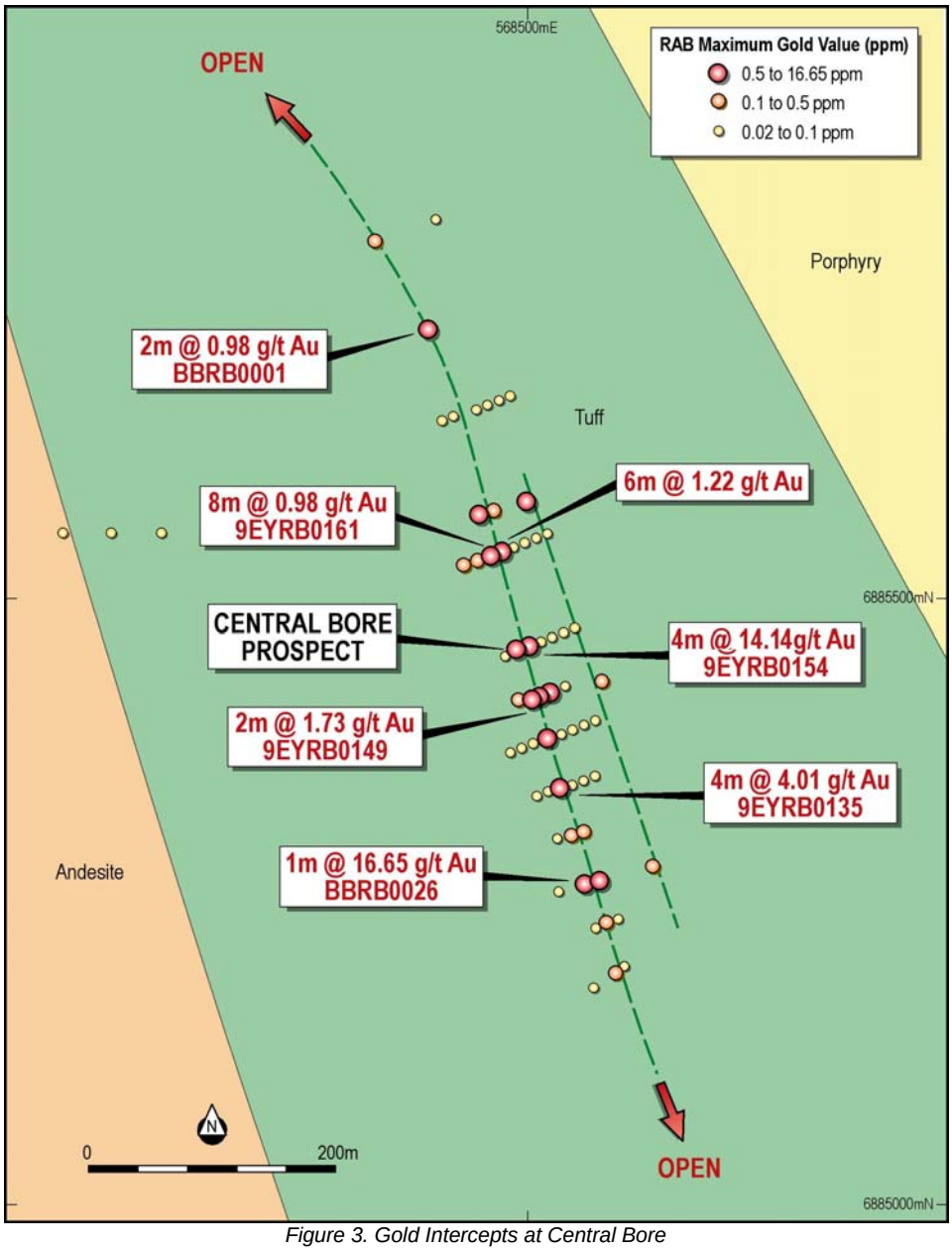


Figure 3. Gold Intercepts at Central Bore

At **Tamerlane** the drilling tested a surface soil arsenic anomaly located 5km along strike to the south of Attila. Drill hole 9EYRB0071 intersected 24m of anomalous gold with the best assay of 4m @ 0.55 g/t Au from 48m. The gold mineralisation is associated with elevated arsenic values. The Tamerlane prospect is located in a very favourable structural jog that is similar to Attila while the weathered profile in the area is relatively thick (up to 60-80m). The anomaly is coincident with a magnetic high.

Elvis prospect is located 2-3km south of Attila but about 900m west of the Attila structure. The June 2009 drilling intercepted gold in all 7 drill sections in 4 separate zones over a strike length of 1.2km. The gold mineralisation is associated with copper (up to 0.5%) and is open-ended.

The **Hann** prospect is located approximately 1.2km east of the Attila gold deposit in a parallel magnetic structure. Drilling at the Hann prospect was prematurely terminated as RAB could not penetrate through very hard silicified rock. The drilling will need to be completed with an RC rig. However, the gold results from 26 holes drilled in the program are encouraging.

The **Dorothy Hills** area is located approximately 35km northeast from the Attila deposit. One hundred and twenty eight generally shallow holes over 12 fences were drilled to test five new targets and one infill target. Four targets returned anomalous gold results. The best results were 12m @ 0.23 g/t Au from surface in drill

hole 9EYRB0278 and 1m @ 0.65 g/t Au from surface in drill hole 9EYRB0275. These assays come from the new target area that is located in a structurally favourable fold axis near a gneiss/basalt contact.

Four targets will require immediate follow up with drilling and surface geochemical surveys. The whole area is largely under-explored.

Table 1. June 2009 RAB – Intercepts > 0.5 g/t Au

Hole ID	From	To	Interval	Prospect	Au ppm	E_AMG	N_AMG
9EYRB0020	8	12	4	Elvis	0.58	566,600	6,880,039
9EYRB0031	8	12	4	Elvis	0.64	566,499	6,880,130
9EYRB0034	8	9	1	Elvis	0.63	566,523	6,880,141
9EYRB0042	20	24	4	Elvis	0.84	566,542	6,879,770
9EYRB0047	16	20	4	Elvis	0.68	566,634	6,879,825
9EYRB0071	48	52	4	Tamerlane	0.55	568,896	6,878,299
9EYRB0135	0	4	4	Central Bore	4.01	568,391	6,885,188
9EYRB0142	0	4	4	Central Bore	0.61	568,380	6,885,229
9EYRB0142	8	12	4	Central Bore	0.53	568,380	6,885,229
9EYRB0149	20	22	2	Central Bore	1.73	568,381	6,885,267
9EYRB0153	0	4	4	Central Bore	0.53	568,355	6,885,302
9EYRB0154	16	20	4	Central Bore	14.14	568,365	6,885,305
9EYRB0161	16	24	8	Central Bore	0.98	568,333	6,885,380
9EYRB0162	20	26	6	Central Bore	1.22	568,342	6,885,383
9EYRB0275	0	1	1	Dorothy Hills	0.65	585,444	6,900,156

The success of the June 2009 drilling program continues to demonstrate the prospectivity of the Yamarna greenstone belt for further gold discoveries within Eleckra's tenements. This drilling has advanced some prospects to the next stage of exploration that will hopefully lead to the identification of additional gold resources at Yamarna.

Yamarna Gold Deposits

Yamarna Deeps

The Yamarna gold deposits (Attila-Alaric Corridor), due to their extensive strike length (>17km), suffer from a lack of closer-spaced drilling within the higher-grade areas. At best, Attila has been drilled to a 40m line spacing, with a few minor infill lines. In large parts of the other deposits, drill spacing is 100m or wider.

During the current quarter, a detailed structural evaluation of the Yamarna gold deposits has been undertaken. The study indicates that the high-grade mineralisation within the Yamarna Gold Resource is often associated with dextral cross-faults.

Nine drill target areas with high-grade intercepts (>10.0 g/t Au) have been delineated within the 17km Attila-Alaric Corridor and one drill target area has been delineated at Khan North/Renegade located about 33km north-northwest of Attila (Refer to Figure 4).

The Yamarna Deeps drill targets will be ranked and priority targets will be selected for a close-spaced RC drilling in the September quarter. The aim of the drilling program will be to determine the orientation and the continuity of high-grade shoots that could potentially be mined by an underground mining operation.

Metallurgy

Eleckra has undertaken Stage 1 metallurgical testwork on diamond core from the Attila gold deposit. The aim of the testwork was to provide an understanding of the gold distribution and recoveries in representative samples from the oxide, transitional and fresh domains within the gold deposit. The results and the report for Stage 1 are expected in the September quarter.

Stage 2 column leach testwork will start in the September quarter to test whether Attila deposit would be amenable to conventional heap leach gold extraction.

For personal use only

For personal use only

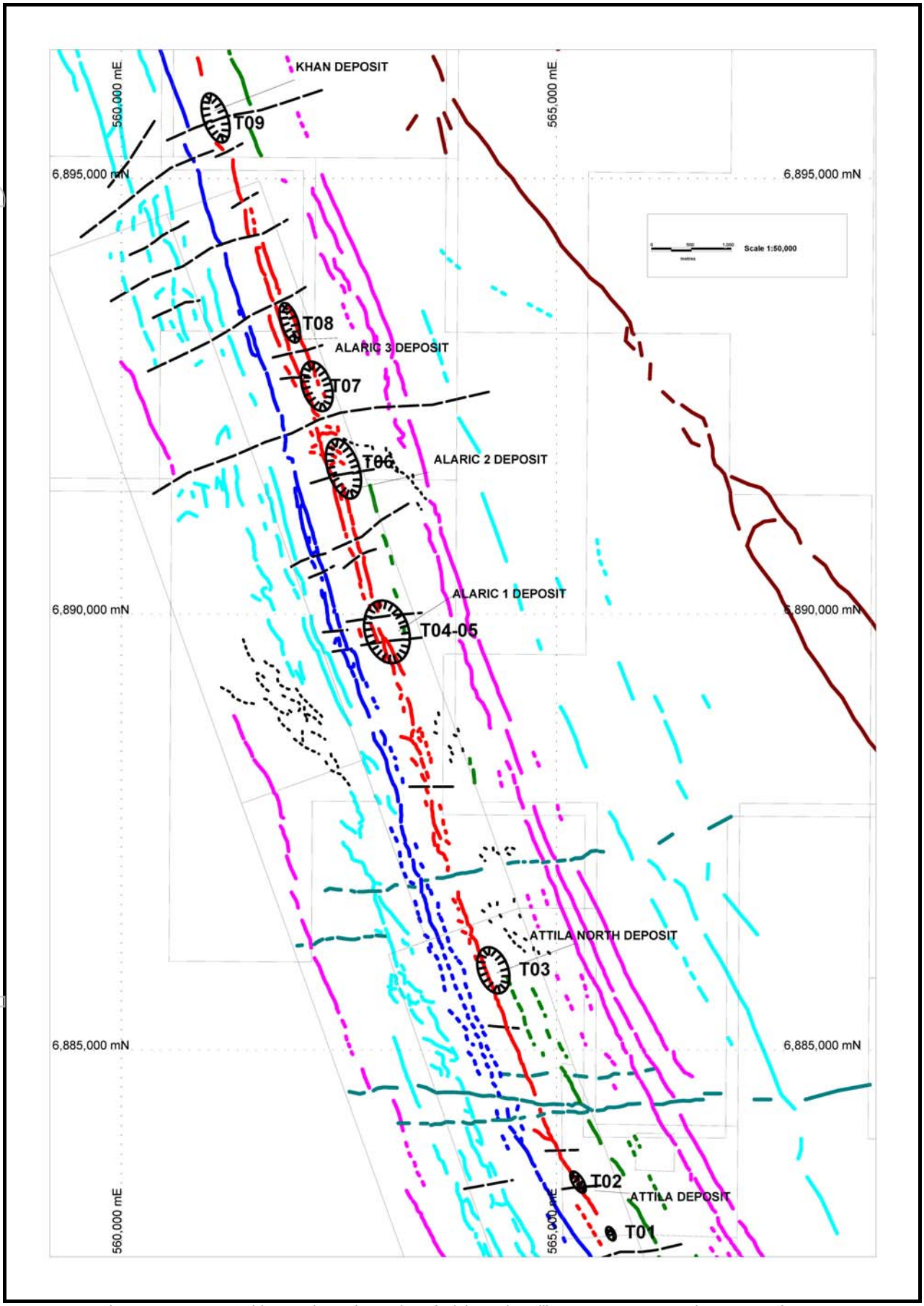


Figure 4. Yamarna Gold Deposits and Location of High-grade Drill Targets over Magnetic Interpretation Map

For personal use only

Golden Sands Project

The Golden Sands project area now totals about 1,500km^2 in area and covers a strike length of about 65kms. The southern boundary of the tenements is about 25km from the Tropicana and Havana deposits. Gold anomalism is known at the Augusta and Bluebell prospects at the northern end of the Golden Sands tenements within the Yamarna shear zone. Golden Sands project is considered highly prospective for gold and uranium mineralisation.

In the next quarter, Eleckra intends to carry out a first pass geochemical survey and depth modelling of the magnetic data across Golden Sands project.

URANIUM

Eleckra is currently evaluating strategies to unlock the potential value in the Thatcher Soak uranium resource.

In addition to the Thatcher Soak Project, Eleckra holds other uranium-prospective tenement comprising at **Lake Wells** and **Lake Rason** areas. The tenements cover radiometric anomalies with potential calcrete-, Mulga Rock type sandstone/lignite and unconformity-associated uranium targets within the Lake Rason and Lake Wells paleo drainage systems. The **Golden Sands** tenements are also considered to be highly prospective for uranium mineralisation.

The regolith profile west of **Lake Rason** area consists generally of 1-2m of Quaternary aeolian sands over 40-45m of Tertiary, quartz-rich gravels, sandstone and claystone, which overlie poorly-sorted Permian sediments. The base of weathering is generally close to the Archaean-Permian unconformity and, as such, the limit of historical aircore drilling was at or near this contact. The redox boundary is also close to unconformity.

The historical drilling in the area intersected a number of polymetallic (gold-arsenic-zinc-lead-copper-nickel) anomalies formed at the unconformity and within the redox boundary, but none has been assayed for uranium. Recent reconnaissance in the area tested few remaining drill cuttings in the area and they showed a weak radiometric anomaly at the unconformity. Presence of bitumen in some drill intercepts in the area might imply a possibility of Mulga Rock style of polymetallic uranium mineralisation. Mulga Rock is located about 110-130km to the southwest from the Lake Rason and the Golden Sands project areas.

Eleckra's southern tenements around Lake Rason and Golden Sands are located in the south western portion of Officer Basin that also hosts the Mulga Rock uranium deposit. Hosted by organic-rich clay within an Eocene buried paleochannel, the Mulga Rock uranium deposit is the third largest in Western Australia. The uranium mineralization in the paleochannel is interpreted to be the result of the absorption of uranium-bearing complexes by fine-grained carbonaceous sediments, and is spatially controlled by redox boundaries. The Mulga Rock lignite lie in a buried paleochannel, 5-15 km wide, that has been traced for over 100 km and may have received input from drainage systems including the Lake Rason.

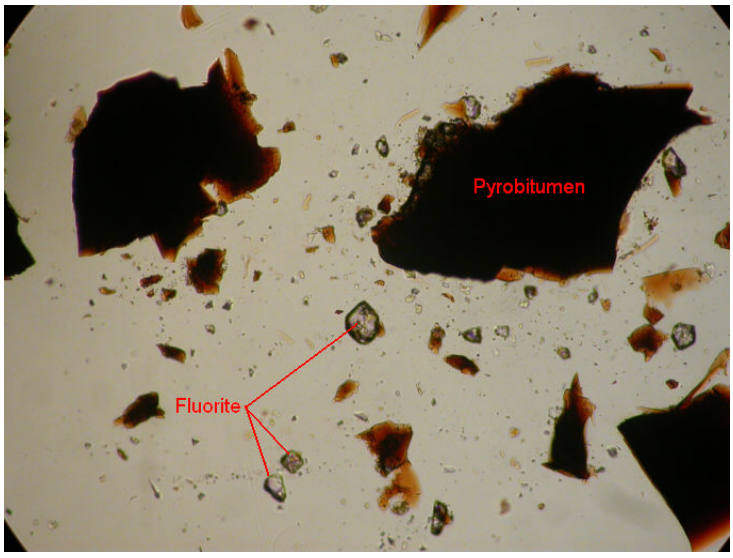


Figure 5. Photomicrograph of Bitumen in Drill Intercept. Field of view is 2.8 mm

Eleckra is planning a systematic uranium exploration over Lake Rason and Golden Sands project areas in the second half of 2009.

At **Lake Wells**, the main target is calcrete associated uranium mineralisation within channels that are adjacent to a radiometrically active basement. Several radiometric anomalies are present in the area, including one highly anomalous target as outlined on the uranium channel radiometrics, which may prove to be calcrete hosted. A field reconnaissance is planned for the Lake Wells area in the second half of 2009.

For personal use only

Share Capital

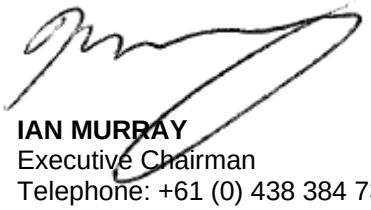
At the date of this report the Company had 170,410,000 shares and 57,155,004 listed options and 17,900,000 unlisted options on issue.

During the June quarter the Company successfully completed Tranche 2 of the Placement approved by shareholders at a General Meeting held on 29 April 2009 and an Entitlement Issue. The completion of the Placement and Entitlement Issue raised an amount of $2,552,500 through the issue of 102,100,00 ordinary fully paid shares at 2.5 cents each together with 51,050,000 listed options exercisable by payment of 7 cents each on or before 30 June 2011.

Cash Reserve

At 30 June 2009 the Company's total cash reserves were $2,380,000.

Yours sincerely



IAN MURRAY
Executive Chairman
Telephone: +61 (0) 438 384 735
www.eleckramines.com.au

NOTES:

The information in this report which relates to Exploration Results, or Mineral Resources is based on information compiled by Ziggy Lubieniecki, the Exploration 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.

ABOUT ELECKRA

Eleckra is an exploration company focused on gold and uranium. The Company's main project is the Yamarna Project in the Eastern Goldfields.

The Yamarna Project is situated on the eastern margin of the Archaean Yilgarn Craton in Western Australia, some 140km east of Laverton and 900km north east of Perth.

Eleckra has two resources estimated according to JORC code guidelines at Yamarna (refer for details to 2008 Annual Report):

- Uranium - 16.1 million tonnes averaging 174ppm U_3O_8 for 6.2 million pounds of contained U_3O_8 (or approximately 2,800 tonnes contained U_3O_8) using a 100ppm U_3O_8 cut-off.

- Gold - 19.8million tonnes at 1.44 g/t Au for 917,000 ounces of contained gold using a 0.5 g/t cut-off.

APPENDIX:

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.

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

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

For personal use only

Rule 5.3

Appendix 5B

Mining exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8. Amended 1/7/97, 1/7/98, 30/9/2001.

Name of entity

Eleckra Mines Limited

ABN

13 109 289 527

Quarter ended ("current quarter")

June 2009

Consolidated statement of cash flows

	Cash flows related to operating activities	Current quarter $A'000	Year to date (12 months) $A'000
1.1	Receipts from product sales and related debtors	-	-
1.2	Payments for		
	(a) exploration and evaluation	(324)	(1,021)
	(b) development	-	-
	(c) production	-	-
	(d) administration	(203)	(763)
1.3	Dividends received	-	-
1.4	Interest and other items of a similar nature received	9	47
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Other – Security deposit	-	-
	Net Operating Cash Flows	(518)	(1,737)
	Cash flows related to investing activities		
1.8	Payment for purchases of:		
	(a)prospects – stamp duty	-	-
	(b)equity investments	-	-
	(c) other fixed assets	(2)	(27)
1.9	Proceeds from sale of:		
	(a)prospects		
	(b)equity investments		
	(c)other fixed assets	-	-
1.10	Loans to other entities	-	-
1.11	Loans repaid by other entities	-	-
1.12	Other	-	-
	Net investing cash flows	(2)	(27)
1.13	Total operating and investing cash flows (carried forward)	(520)	(1,764)

For personal use only

For personal use only

1.13	Total operating and investing cash flows (brought forward)	(520)	(1,764)
	Cash flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc.	2,553	2,708
1.15	Proceeds from convertible note	-	-
1.16	Proceeds from borrowings	-	-
1.17	Repayment of borrowings	-	-
1.18	Dividends paid	-	-
1.19	Other – Share Issue Expenses	(163)	(163)
	Net financing cash flows	2,390	2,545
	Net increase (decrease) in cash held	1,870	781
1.20	Cash at beginning of quarter/year to date	510	1,599
1.21	Exchange rate adjustments to item 1.20		
1.22	**Cash at end of quarter**	2,380	2,380

Payments to directors of the entity and associates of the directors
Payments to related entities of the entity and associates of the related entities

		Current quarter $A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	147
1.24	Aggregate amount of loans to the parties included in item 1.10	-

1.25 Explanation necessary for an understanding of the transactions

i) Directors Fees and Remuneration of Directors - $99,000.
ii) Accounting and company secretarial fees paid to Endeavour Corporate, an entity related to Mr Kevin Hart – $48,000.

Non-cash financing and investing activities

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

Financing facilities available

Add notes as necessary for an understanding of the position.

		Amount available $A'000	Amount used $A'000
3.1	Loan facilities		
3.2	Credit standby arrangements		

+ See chapter 19 for defined terms.

For personal use only

Estimated cash outflows for next quarter

		$A'000
4.1	Exploration and evaluation	150
4.2	Development	-
	Total	**150**

Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.		Current quarter $A'000	Previous quarter $A'000
5.1	Cash on hand and at bank	2,355	485
5.2	Deposits at call	25	25
5.3	Bank overdraft	-	-
5.4	Other (provide details)	-	-
	Total: cash at end of quarter (item 1.22)	2,380	510

Changes in interests in mining tenements

		Tenement reference	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
6.1	Interests in mining tenements relinquished, reduced or lapsed	E38/1315	Tenement expiry	100%	0%
6.2	Interests in mining tenements acquired or increased	E38/2285	Registered Applicant	0%	100%
		E38/2290	Registered Applicant	0%	100%
		E38/2291	Registered Applicant	0%	100%
		E38/2292	Registered Applicant	0%	100%
		E38/2293	Registered Applicant	0%	100%
		E38/2294	Registered Applicant	0%	100%

Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

		Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1	**Preference +securities** *(description)*				
7.2	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs, redemptions				
7.3	**+Ordinary securities**	170,410,000	170,410,000		Fully paid
7.4	Changes during quarter (a) Increases through: Share issues (b) Decreases through returns of capital, buy-backs	102,100,000	102,100,000		
7.5	**+Convertible debt securities** (*description)*				
7.6	Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted			**Issue Price**	**Issue Date**
7.7	**Options** *(description and conversion factor)*	6,500,000 5,400,000 1,000,000 1,000,000 1,000,000 1,000,000 57,155,004 700,000 700,000 600,000	57,155,004	**Exercise Price** 20 cents each 37 cents each 25 cents each 18.5 cents each 22 cents each 26 cents each 7 cents each 7 cents each 10 cents each 15 cents each	**Expiry Date** 31 Mar 2011 30 Nov 2012 30 May 2011 30 May 2013 30 May 2013 30 May 2013 30 June 2011 30 June 2014 30 June 2014 30 June 2014
7.8	Issued during quarter	54,050,004 700,000 700,000 600,000	54,055,004	7 cents each 7 cents each 10 cents each 15 cents each	30 June 2011 30 June 2014 30 June 2014 30 June 2014
7.9	Exercised during quarter				
7.10	Expired during quarter				

+ See chapter 19 for defined terms.

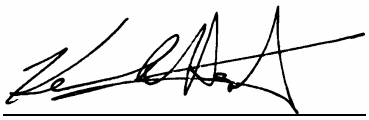
For personal use only

7.11	**Debentures** *(totals only)*				
7.12	**Unsecured notes** *(totals only)*				

Compliance statement

1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 4).

2 This statement does give a true and fair view of the matters disclosed.

Sign here:  Date: 30 July 2009

(~~Director~~/Company secretary)

Print name: KEVIN HART

Notes

1 The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.

2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.

3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.

4 The definitions in, and provisions of, *AASB 1022: Accounting for Extractive Industries* and *AASB 1026: Statement of Cash Flows* apply to this report.

5 **Accounting Standards** ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

For personal use only