

ASX/Media Release  
09 October 2008

**HIGH GRADE MOLYBDENUM IN HOLE A018  
NOW EXTENDS TO END OF HOLE  
Anthony Project, Central Queensland**

**Key Points**

- Hole A018 assayed **733 parts per million (ppm) molybdenum (Mo)** from 132.5 metres (m) to 351.5m (**219m intersection**), including:
  - From 226m to 320m, **94m intersection at 1108ppm Mo**
  - A maximum grade (reported previously) of **7230ppm Mo** over 2m from 238m to 240m
- Hole A018 **ends in Mo mineralisation** at 351.5m (720ppm Mo). Assays from 132.5m to 290m were released on 22 September 2008.
- Assays are yet to be received from the diamond drill extension of Hole A012. The reverse circulation (RC) percussion section of this hole averaged 1103ppm from 75m to 150m, the end of the RC section.
- The recent diamond drill program has expanded the western mineralised zone which is open at depth (below 300m) and appears to dip to the southwest.
- Extensions to this high grade western mineralised zone will be tested in the next drilling program.

**Reference: ZGM 2008/29**

Zamia Gold Mines Limited (**ASX Code ZGM**) today announced the remaining molybdenum (Mo) results from **outstanding** diamond drill hole DD08A018 (A018) at its **Anthony** Molybdenum Project in central Queensland.

### Diamond Drilling Update

ZGM completed its current diamond drilling program at the Anthony Molybdenum Project on 12 September 2008. A total of four new holes were drilled and diamond extensions were added to three pre-existing reverse circulation (RC) percussion holes. The core has been sampled at either 2m or 3m intervals.

In an ASX release dated 22 September 2008, ZGM reported initial Mo results from the first 157.5m of intensely mineralised core throughout Hole A018, a diamond extension to CRAE hole RC94DBT 22. Results for the remaining 61.5m of the hole have been received and confirm the grade of mineralisation to the end of the hole.

The final hole in the program was a 171m extension to vertical high grade RC percussion hole A012. From 75m to 150m, the RC percussion component of A012 averaged 1103ppm Mo. The diamond core is intensely altered and veined with significant zones of Mo mineralisation. Analytical results are pending.

A summary of the updated diamond drill analyses for hole A018 are included in Table 1.

Hole No.	Depth (m)	From (m)	To (m)	Width (m)	Mo (ppm)	Comment
DD08A018	351.5	132.5	351.5	219.0	733	Upgraded
	including	172	174	2	<b>1360*</b>	
		204	206	2	<b>2300*</b>	
		226	320	94	<b>1108</b>	Upgraded
	including	236	240	4	<b>5395*</b>	
		250	252	2	<b>3640</b>	
		280	296	16	<b>1482</b>	
		314	316	2	<b>2930</b>	
DD08A012	321.7	0	75	75	617*	RC oxide
		75	150	75	1103*	RC sulphide
		150	321.7	171.7		Awaiting results

Table 1 Analyses holes A018 and A012 \* Results previously reported

### Extension of Western High Grade Zone

The latest results significantly extend the high grade Mo zone in the western part of the Anthony Deposit. The enlarged high grade zone together with the fact that the mineralisation extends to a depth of at least 300m, significantly upgrades the economic potential of the deposit. The collar of Hole A018 is approximately 150m to the west of Hole A012 (Figure 1). A preliminary interpretation of the geology and mineralisation is shown in Figure 2. The high grade mineralised zone appears to dip to the southwest (Figures 2 and 3). The next drilling program will test for extensions to the western high grade mineralised zone.

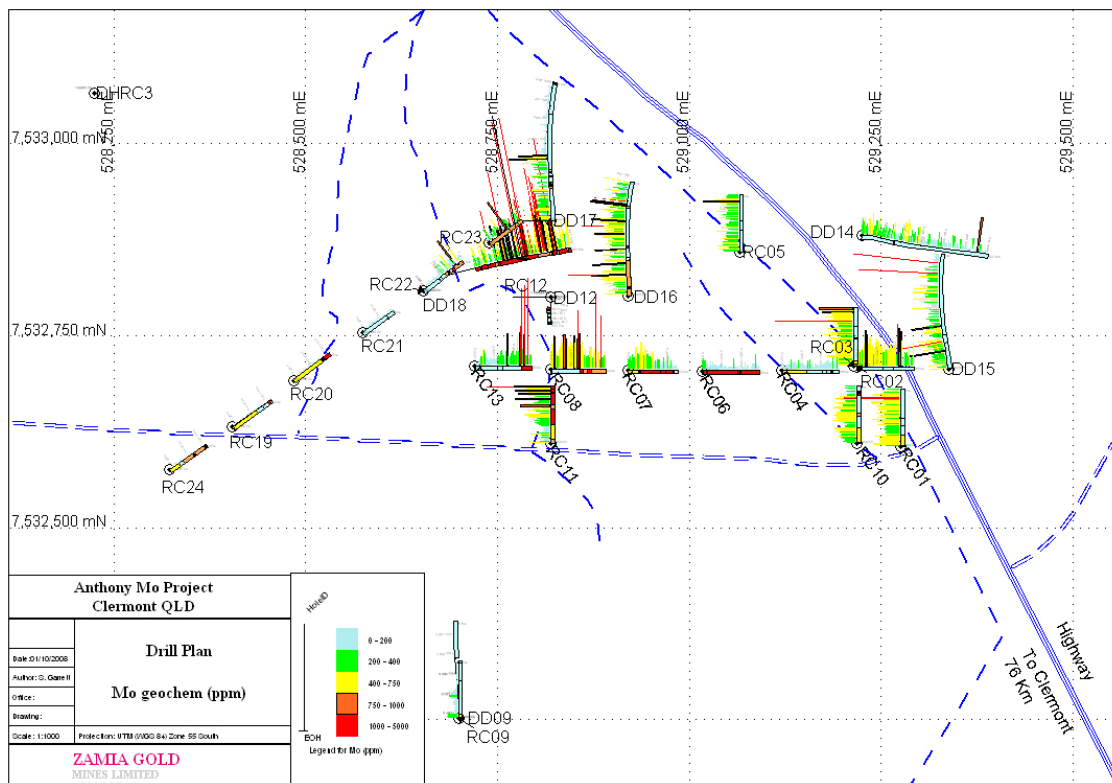


Figure 1 Anthony plan of drill holes –showing Mo grades

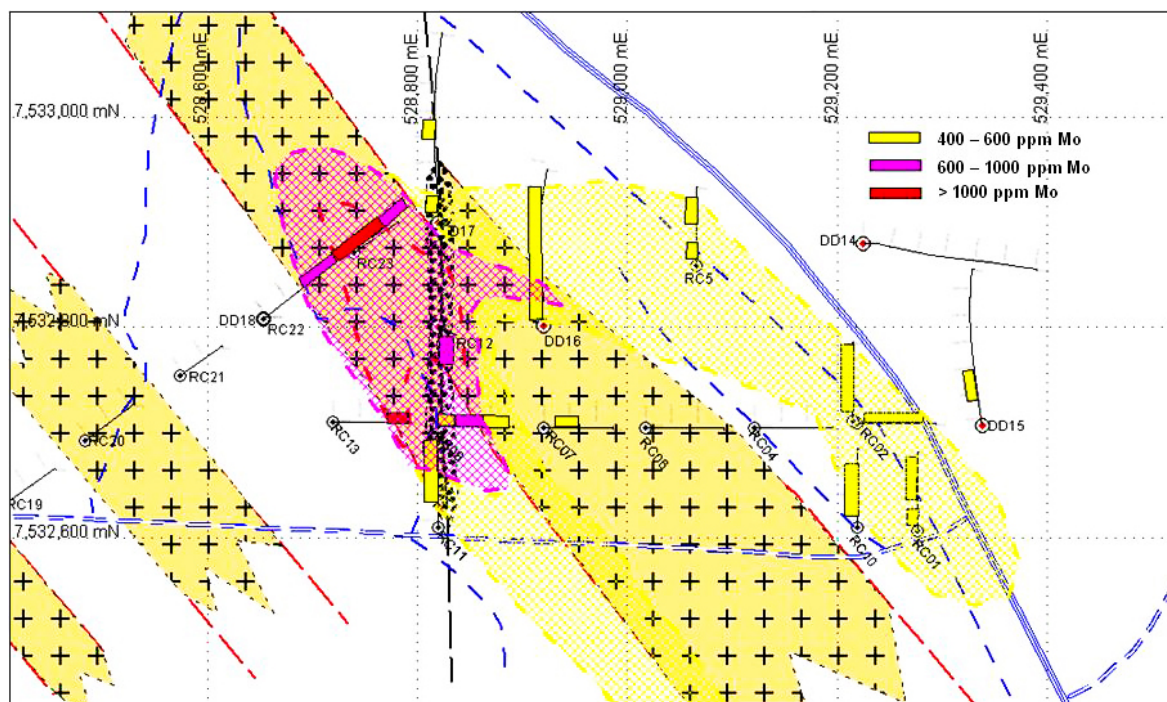


Figure 2 Interpretation of mineralisation based on current drilling. The high grade zone (red/purple hatched area) within the porphyry rocks (black crosses) and surrounding metasediments appears to dip to the southwest.

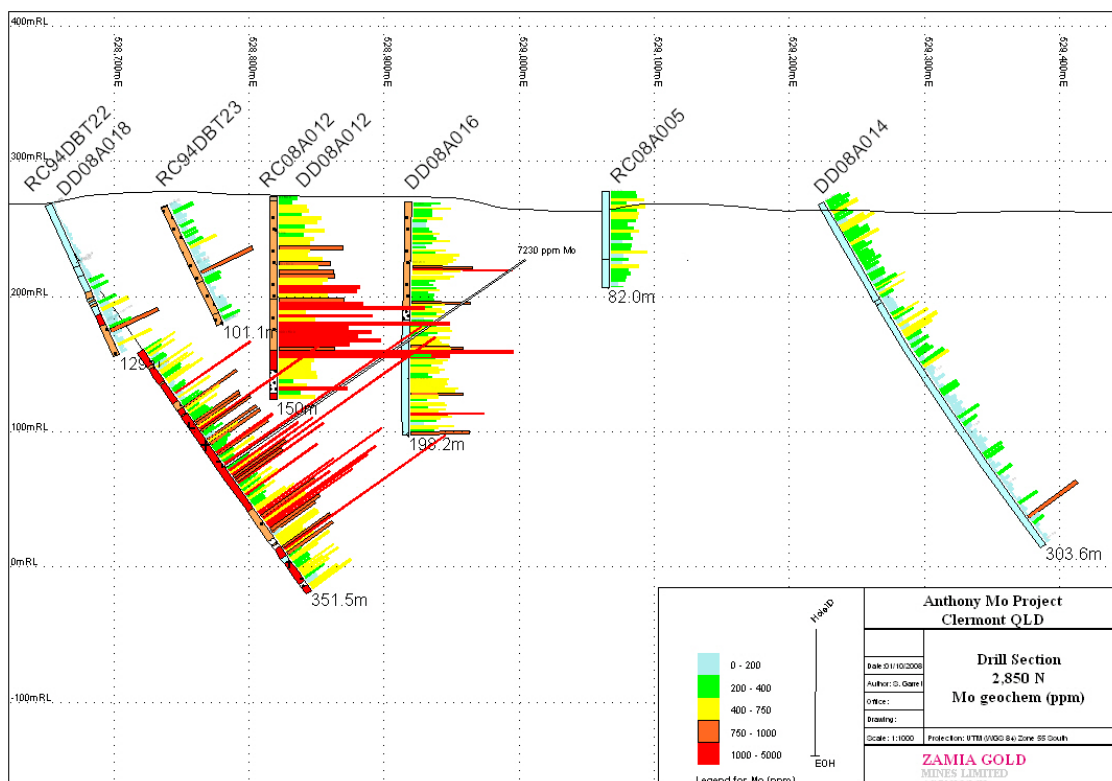


Figure 3 DD08A018 Drill Section (including previous CRA RC22 assays to 129m) and adjacent shallow CRA holes (RC21 and RC 23)

### About Zamia Gold Mines Limited

ZGM listed on the ASX in January 2007, and holds a portfolio of tenements in the Clermont area of central Queensland primarily to explore for molybdenum, gold and base metal deposits in the Drummond Basin. Following a review of past exploration data, soil geochemical sampling and an initial drilling program, molybdenum mineralisation was discovered at the Anthony Prospect. Evaluation of the Anthony Prospect, which appears to be a large porphyry style deposit, is in progress. ZGM remains focussed on the Clermont area and in addition to its gold targets ZGM has, as a result of the Anthony discovery, identified other potential molybdenum targets.

### About Molybdenum

Molybdenum has been selling for over US\$30/lb (US\$66,000/tonne) for the past two years and global demand has been predicted to grow at 4.5% per year over the next twenty years. Molybdenum is a metal with a high melting point that is widely used in the steel industry as it improves the strength of steels at high temperature as well as strength to weight ratios and corrosion resistance. It has uses as a catalyst in petroleum refining, in the production of electrodes and filaments, as a high temperature lubricant and as a fertiliser.

For further information please contact:

R N (Sam) Lees, Executive Director – Technical or Colin Seaborn, Executive Director  
Telephone +61 2 82233744

Or visit the website [www.zamiagold.com.au](http://www.zamiagold.com.au)

Mr R N (Sam) Lees (FAIG, FAusIMM) compiled the technical aspects of this report. Mr Lees is Technical Director, Zamia Gold Mines Limited. Mr Lees is a Fellow of the Australian Institute of Geoscientists and has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity that is being reported on to qualify as a Competent Person as defined in the September 2004 edition of the "Australasian Code of Reporting of Mineral Resources and Ore Reserves". Mr Lees consents to the inclusion of the matters in the form and context in which they appear.