

ASX/Media Release
22 September 2008

EXCEPTIONAL MOLYBDENUM DRILL INTERSECTION (HOLE A018)
Anthony Project, Central Queensland

Key Points

- Hole A018 assayed **738 parts per million (ppm) Molybdenum (Mo)** from 132.5 metres (m) to 290m (**157.5m intersection**) including:
 - From 226m to 290m, **64m intersection at 1149ppm Mo**
 - A maximum grade of **7230ppm Mo** over 2m from 238m to 240m
- Hole A018 **ends in Mo mineralisation** at 351.5m, Assay results below 290m are pending
- A 171m extension to the previously reported high grade hole A012 from 150m to 321m is also visibly mineralised with Mo. Assay results are pending.
- The high grade Mo results significantly enhance and enlarge the high grade western zone of the Anthony Deposit.
- The mineralisation remains open below a depth of 300m, further demonstrating the large size of the mineralised system.
- By comparison, significant new mines under development in Australia and North America typically have average grades around 600-700ppm Mo

Reference: ZGM 2008/28

Zamia Gold Mines Limited (**ASX Code ZGM**) today announced outstanding results from 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 2 September 2008, ZGM reported intensely mineralised core throughout Hole A018, a diamond extension to CRAE hole RC94DBT 22. Mo analyses for the first 157.5m of this hole have been completed and assayed an average of 738 ppm Mo (See Table 1 for summary of key assay results). Results for the remaining 61.5m of the hole are pending.

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.

Final analyses for Hole A017 have upgraded the intercepts reported in the 2 September 2008 release.

A summary of the new and updated diamond drill analyses are included in Table 1.

| Hole No. | Depth (m) | From (m) | To (m) | Width (m) | Mo (ppm) | Comment |
|----------|-----------|----------|--------|-----------|-------------|------------------|
| DD08A017 | 369.4 | 146 | 170 | 24 | 497 | upgraded |
| | including | 160 | 170 | 10 | 679 | upgraded |
| DD08A018 | 351.5 | 132.5 | 290 | 157.5 | 738 | |
| | including | 172 | 174 | 2 | 1360 | |
| | | 204 | 206 | 2 | 2300 | |
| | | 226 | 290 | 64 | 1149 | |
| | including | 236 | 240 | 4 | 5395 | |
| | | 290 | 351.5 | 61.5 | | Awaiting results |
| 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 A017, 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 deep, significantly upgrades the economic potential of the deposit. The collar of Hole A018 is approximately 150m to the west of Hole A012 (Figure 1).

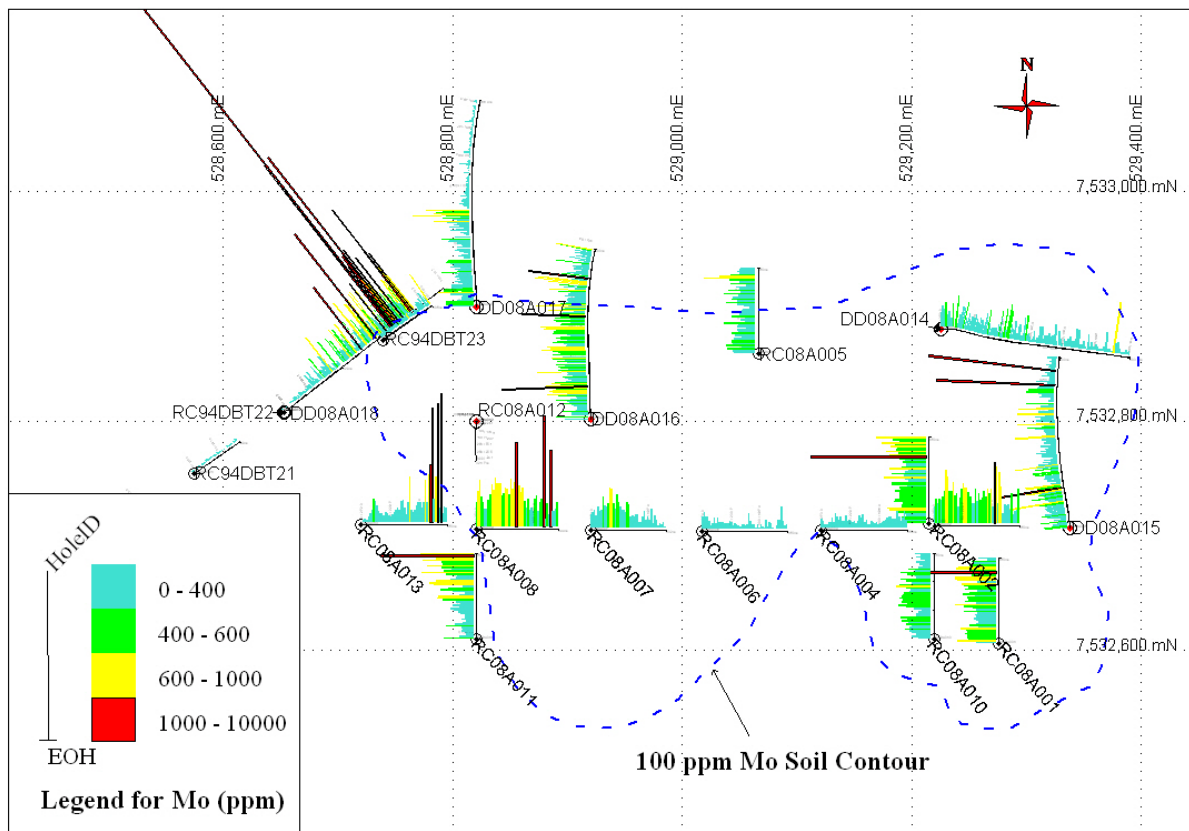


Figure 1 Anthony plan of drill holes –showing Mo grades (assays for Hole 12 are illustrated in Figure 3)

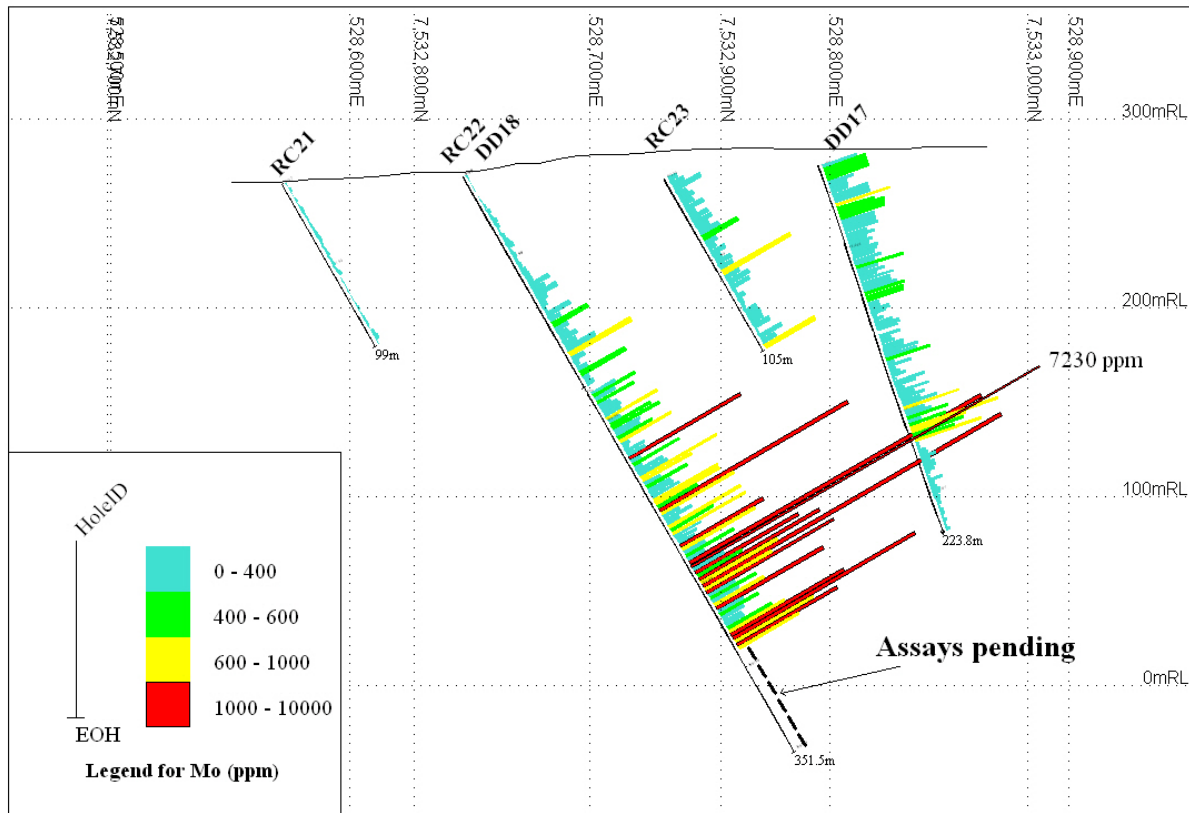


Figure 2 DD08A018 Drill Section (including previous CRA RC22 assays to 129m) and adjacent shallow CRA holes (RC21 and RC 23)

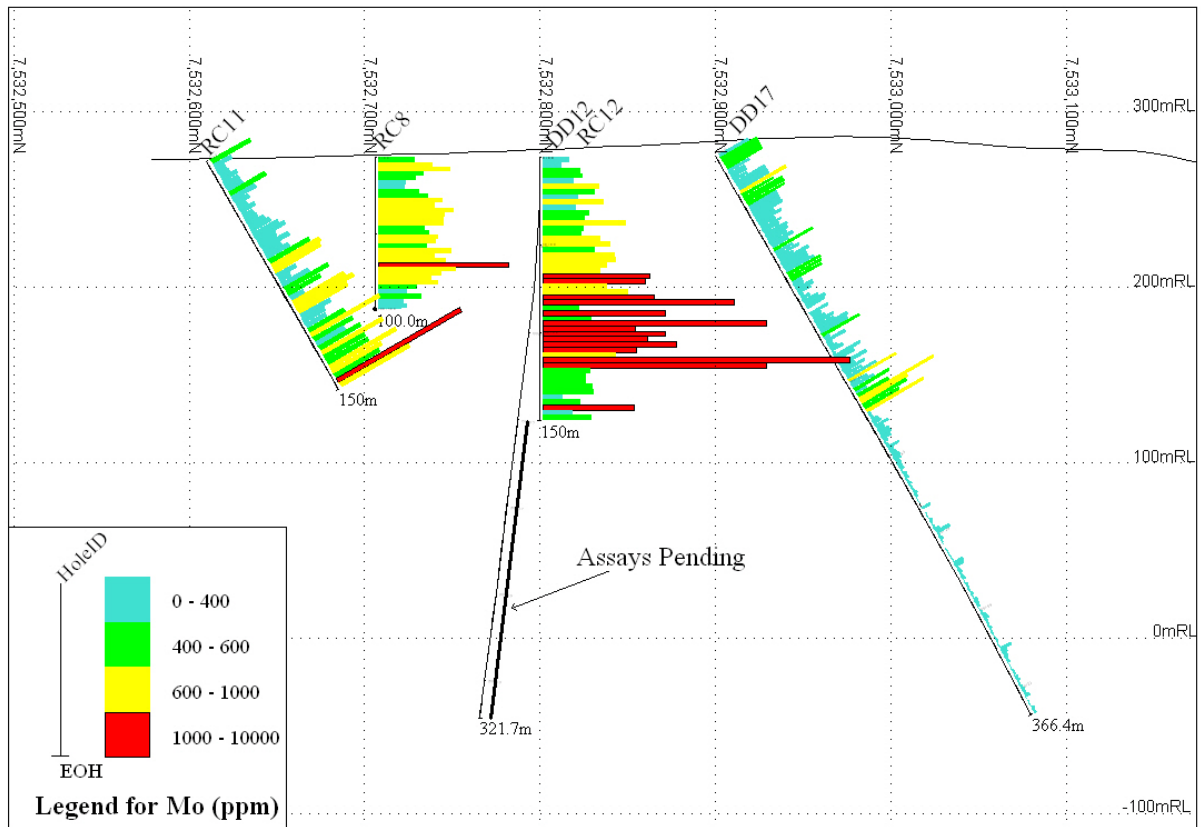


Figure 3 North – South section through Hole 12 (RC08A012 to 150m, DD08A012 from 150m to 321.7m) and adjoining holes

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/t) 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.

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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.