



## ASX ANNOUNCEMENT

9 September 2009

The Manager  
Companies Announcement Platform  
Australian Stock Exchange Limited

### **DRILLING RESULTS INDICATE MORE HIGH GRADE INTERSECTIONS & POTENTIAL NEW HIGH GRADE SHOOT AT TERRACE CREEK PROSPECT IN FNQ**

#### **Key Points**

- Analysis results for final 18 RC drillholes from 2009 drilling at Terrace Creek Prospect within the Company's 100%-owned Tregoora Project.
- 22 metres @ 3.20 g/t Au, including 8 metres @ 6.32 g/t Au intersected in drillhole FN092 in the high grade shoot previously intersected.
- 24 metres @ 2.32 g/t Au, including 6 metres @ 5.38 g/t Au intersected in drillhole FN082 in a similar pod only 250 metres to the south of the original high grade shoot.
- The high grade intersection in FN092 increases the down-plunge length of the high grade shoot by a further 10 metres.
- The intersection of the potential second shoot warrants further follow-up drilling.

The Directors of Republic Gold Limited ("Republic" or "Company") today announced that the Company has received analysis results for the final 18 RC drillholes for the 2009 field season drilling at its Terrace Creek Prospect, within its 100%-owned Tregoora Gold Project in Far North Queensland ("FNQ"). A total of two diamond drillholes have also been completed at Terrace Creek to provide geological interpretations and samples for ongoing metallurgical testwork and will be reported in a second market announcement.

A total of 1,086 metres of RC drilling were drilled in this second phase over 450 metres of strike extent. Thirteen of the 18 holes intersected mineralisation – Table 1.

The initial high grade shoot has significant dimensions near surface (approximately 20 metres high x 15 metres across). The projected length of this shoot is now at least 50metres.

The intersection in FN082 illustrates that these relatively small but high grade shoots can be hard to identify, with other drilling in this area providing only subtle clues. Follow-up drilling will take place in the vicinity of FN082 to try and determine the dimensions and orientation of the new high grade mineralisation.

Republic's Managing Director; John Kelly, said:

*"The geological story at Terrace Creek continues to unfold. The original high grade shoot is growing down plunge. If we've intersected a second high grade, quartz-rich shoot in FN082 then this is a very significant development. Our technical Director, Neb Zurkic, indicated this potential following prior high grade results in RC drillholes at Terrace Creek, and the latest drilling results further reinforce our confidence. The Company will update the market shortly regarding further metallurgical drilling results at the Tregoora prospect. These sorts of numbers can add high grade shallow ounces to the resource base, which could provide an ideal starter operation."*

Yours faithfully



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Managing Director  
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Hole ID	Easting Metres	Northing Metres	Depth Metres	Dip Degrees	Azimuth Degrees	Significant Intersections
FN079	236,349	8,168,456	60	-55°	247°	4m @ 0.91 g/t Au from 4m 4m @ 1.16 g/t Au from 40m
FN080	236,362	8,168,437	51	-55°	249°	4m @ 1.24 g/t Au from 36m
FN081	236,349	8,168,429	24	-57°	244°	8m @ 0.58 g/t Au from 0m
FN082	236,436	8,168,277	60	-55°	250°	<b>24m @ 2.32 g/t Au from 10m</b> incl. <b>6m @ 5.38 g/t Au from 24m</b>
FN083	236,425	8,168,294	60	-56°	250°	6m @ 1.63 g/t Au from 0m 16m @ 1.63 g/t Au from 12m
FN084	236,411	8,168,324	39	-55°	287°	NSI
FN085	236,423	8,168,317	60	-55°	250°	4m @ 0.61 g/t Au from 16m 2m @ 1.29 g/t Au from 32m
FN086	236,382	8,168,277	72	-58°	70°	NSI
FN087	236,362	8,168,329	66	-55°	70°	2m @ 0.61 g/t Au from 40m
FN088	236,357	8,168,353	60	-55°	90°	4m @ 0.86 g/t Au from 50m
FN089	236,381	8,168,385	80	-55°	230°	18m @ 0.91g/t Au from 54m
FN090	236,383	8,168,393	60	-55°	270°	16m @ 0.86 g/t Au from 10m
FN091	236,250	8,168,572	84	-55°	70°	NSI
FN092	236,283	8,168,541	50	-55°	90°	<b>22m @ 3.20 g/t Au from 14m</b>
FN093	236,332	8,168,492	54	-55°	250°	4m @ 1.13 g/t Au from 14m 2m @ 2.42 g/t Au from 36m
FN094	236,404	8,168,236	80	-58°	70°	4m @ 0.74 g/t Au from 18m
FN095	236,428	8,168,152	66	-55°	70°	4m @ 0.62 g/t Au from 40m
FN096	236,432	8,168,106	60	-55°	70°	NSI

**Table 1 - Terrace Creek August 2009 Drilling Details and Significant Intersections**

Intersections are generally at angles of greater than 70° to mineralised structures.

NSI = No Significant Intersection.

## **JORC Compliance Statement**

*Information in this report that relates to Exploration Results and Mineral Resources for Republic Gold Limited is based on information compiled by Neb Zurkic, Republic Gold's Technical Director and a member of the Australasian Institute of Mining and Metallurgy. It is also based on information from Trevor Jackson, Republic Gold's Exploration Manager, a member of the Australasian Institute of Mining and Metallurgy. Neb Zurkic and Trevor Jackson have significant experience that is relevant to the styles of mineralisation and types of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 edition of the "Australasian Code for Reporting of Mineral Resources and Ore Reserves". Neb Zurkic and Trevor Jackson consent to the inclusion in this report of these matters, based on the information in the form and context in which it appears.*

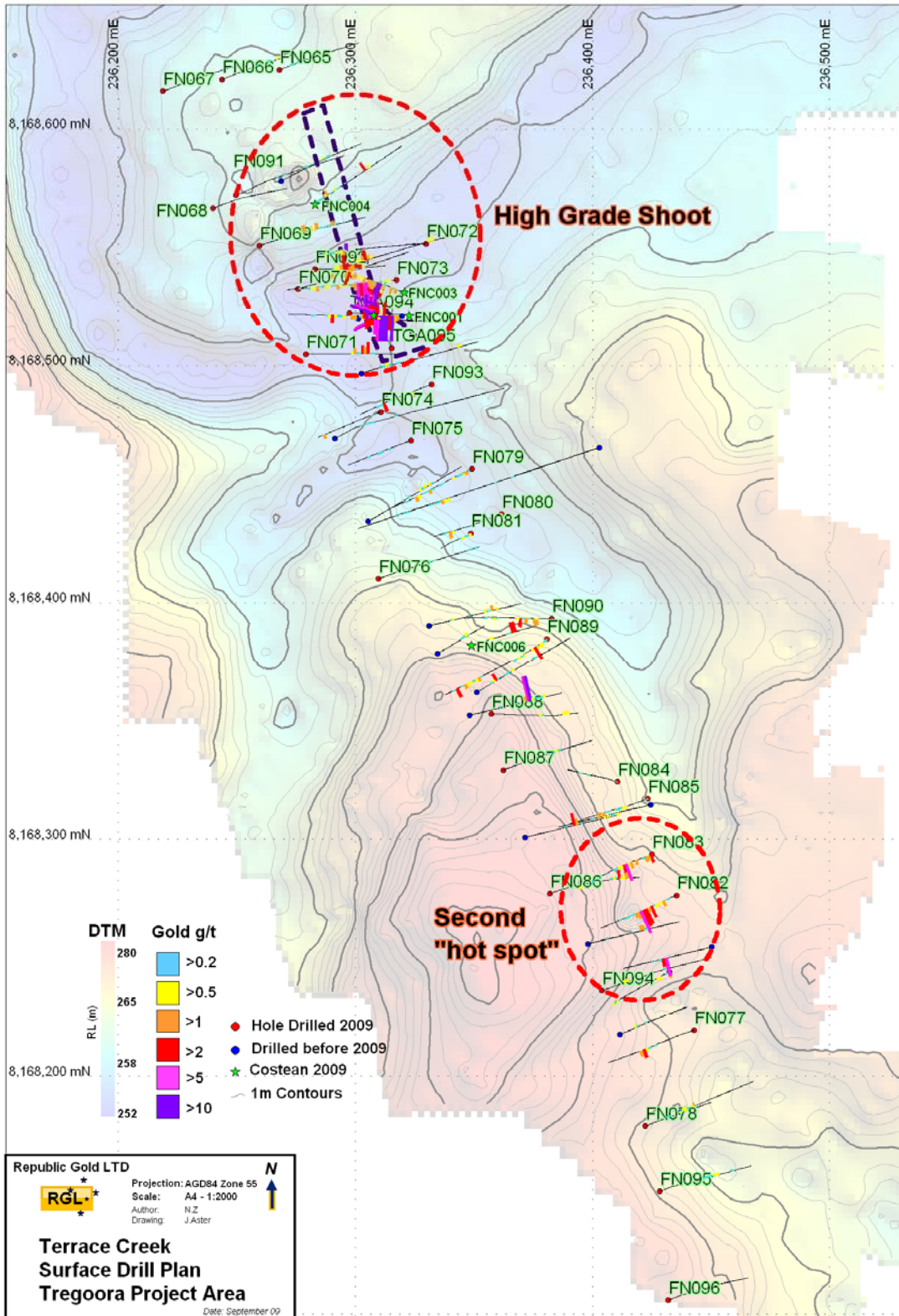


Figure 1 - Plan View of Terrace Creek Prospect With Potential Second High Grade Zone