



## RESULTS OF SECOND PHASE DRILLING AT DIABLO GOLD PROSPECT

Barra Resources Limited (ASX Code: BAR) wishes to advise that it has completed its second phase of reverse circulation (RC) drilling at its Diablo prospect within its Phillips Find Gold Project, located 50 kilometres north-northwest of Coolgardie, Western Australia.

The RC drilling is the Company's second phase program designed to increase the strike length of the high grade lode at its Diablo prospect (Diablo Lode). Eighteen RC drill holes were completed for a total of 1,735 metres.

With the exception of drill hole PFRC017 (**7.0 metres grading 30.90 grams per tonne gold from 67.0 metres depth, including 1.0 metres grading 212.48 grams per tonnes gold**) the results were generally disappointing with respect to extending the limits of the Diablo Lode. The drilling did however increase the Company's understanding of the structural controls to the high-grade mineralisation which can be applied to other favourable target zones along the same geological sequence.

The Diablo Lode has effectively been defined over a strike length of 60 metres, a height of approximately 40 metres and a width of about 2-3 metres, with a potential grade of about 6-8 grams per tonne gold. The Company will progress the Diablo Lode to an in-house modelling and optimisation study to determine the economic viability with respect to a small open-pit operation.

The Company remains optimistic that repetitions of the Diablo Lode exist along strike to the north and south and a major infill RAB drilling program will commence in the second week of June (150 RAB holes or approximately 5,000 metres). The RAB drilling will infill areas where anomalous mineralisation was detected during the Company's first phase RAB program completed in June 2009, including the Bob Hope prospect.

HoleID	From (m)	To (m)	Width (m)	Grade (g/t Au)	Comments
PFRC016	62	68	6	0.34	Incl. 1m @ 1.18g/t Au from 67-68m
and	76	84	8	0.35	Incl. 1m @ 1.03g/t Au from 79-80m
<b>PFRC017</b>	<b>62</b>	<b>76</b>	<b>14</b>	<b>15.52</b>	<b>Incl. 7m @ 30.90g/t Au from 67-74m including 1m @ 212.48g/t Au from 68-69m</b>
PFRC018	76	77	1	0.72	
and	92	100	8	0.42	Incl. 2m @ 1.32g/t Au from 92-94m
PFRC022	11	12	1	3.11	
PFRC030	73	81	9	0.61	Incl. 1m @ 1.90g/t Au from 74-75m and 1m @ 1.88g/t Au from 78-79m
PFRC032	107	115	8	0.31	Incl. 1m @ 1.16g/t Au from 111-112m

Table 1: Summary of significant RC intersections at Diablo.

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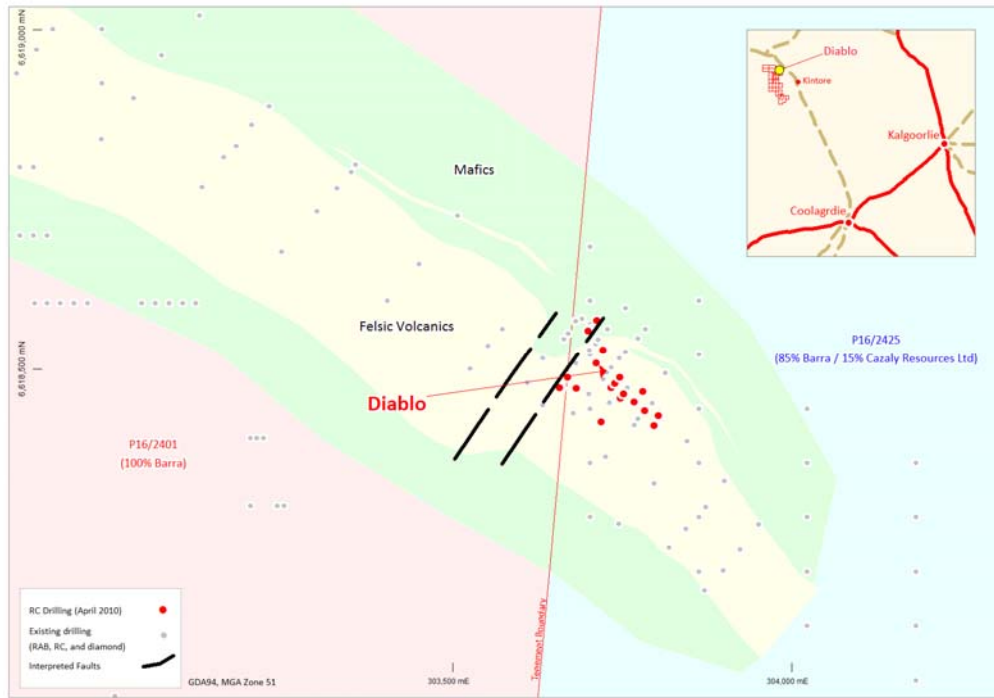


Figure 1: Location of RC drilling at Diablo

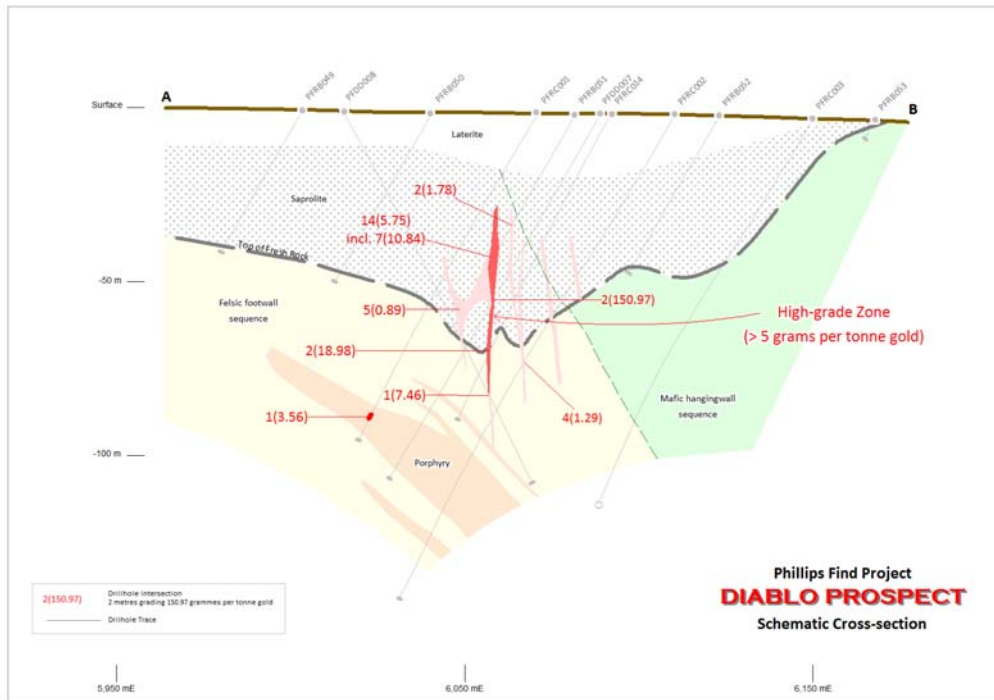


Figure 2: Schematic cross-section through Diablo showing position of the high grade lode.

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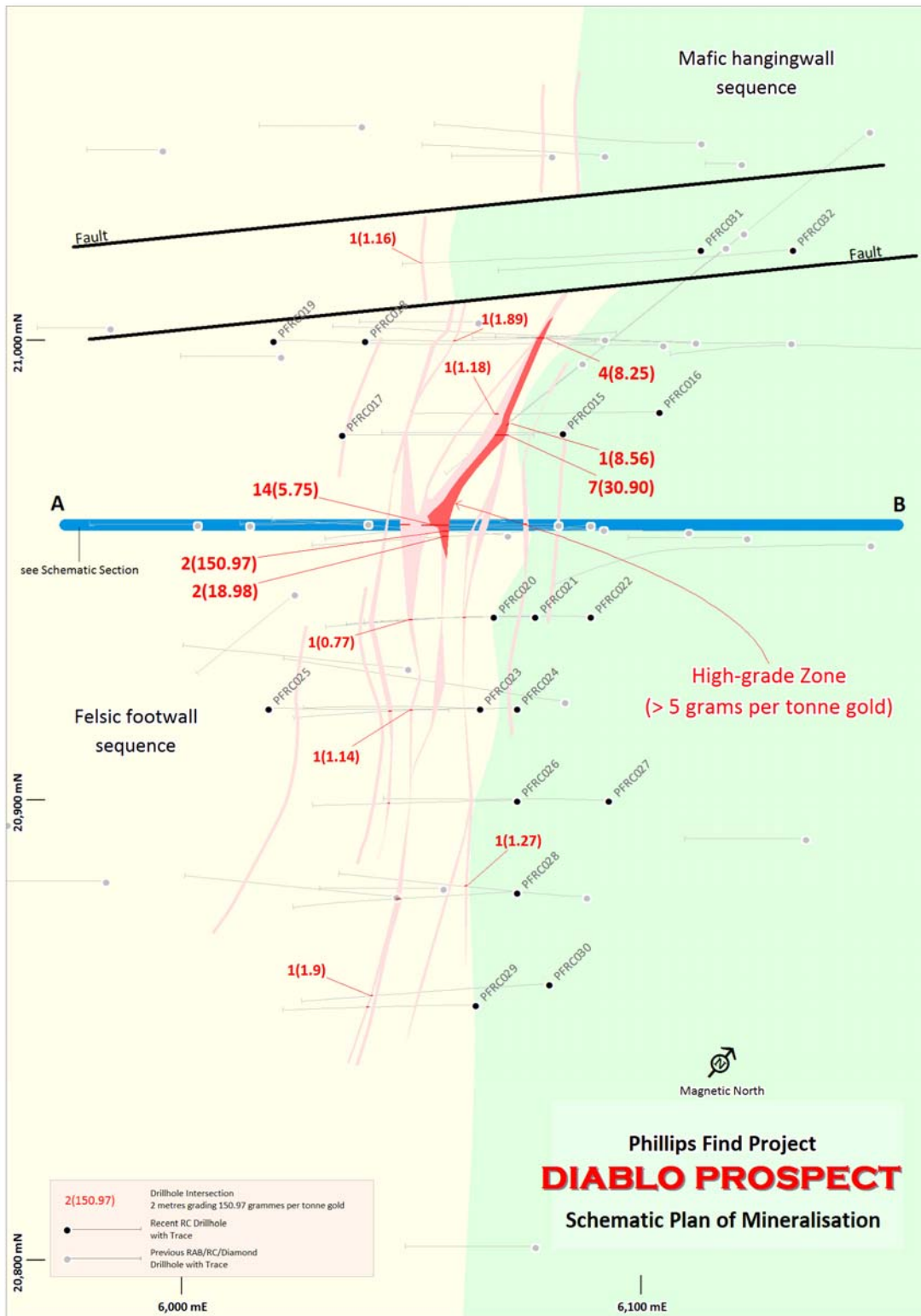


Figure 3: Drillhole location plan showing position of RC drilling, interpretation of geology and mineralisation, and location of high grade lode.

### **2010 Gold Exploration Program**

In line with the 2010 gold exploration drilling program (see ASX announcement dated 16<sup>th</sup> December 2009), the Company's wishes to advise that an extensive RC drilling program will commence the second week of June at its wholly owned Burbanks Project, 8km south of Coolgardie, WA. A program of approximately 3,500 metres of infill RC drilling has been planned at the Pipeline, Burbanks North and Fangjaw prospects.



**Dean Goodwin**  
Managing Director  
Barra Resources Limited

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dean Goodwin who is a Member of the Australian Institute of Geoscientists. Dean Goodwin is a full-time employee of the Company. Dean Goodwin has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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". Dean Goodwin consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.