



EXPLORATION UPDATE

- **Northern Mining increases holding in East Kalgoorlie JV to 79%**
- **Snake Hill RC drilling program scheduled to commence this week**
- **Regulatory approval process for maiden drilling program at the Camel Manganese Prospect is progressing. Drilling anticipated to commence late November/early December**

East Kalgoorlie JV – Western Australia

Northern Mining Limited and Balagundi Gold Pty Ltd

Northern Mining is pleased to advise that it has increased its holding in the **East Kalgoorlie JV from 76% to 79%** in consideration for past exploration expenditure contributable by Balagundi Gold Pty Ltd (Balagundi).

Under the current JV Agreement, Balagundi will continue to contribute towards future exploration obligations on the East Kalgoorlie Project.

Snake Hill Prospect (East Kalgoorlie JV) Drilling Program– Western Australia

At the Snake Hill Prospect, exploration completed by the Company has identified three bedrock gold mineralised trends within a broad 3 km x 1.5 km gold in auger geochemical anomaly. The focus of exploration has been on the “Subsidiary Structure” where drilling has identified bedrock gold mineralisation over a 1,500 metre strike length. This significantly mineralised trend remains open along strike.

Better results from rotary air blast (RAB) drilling along this structure include :

- 28 metres @ 0.83 g/t Au from 52 metres (see ASX Release 29 December 2011)
- 32 metres @ 0.42 g/t Au from 64 metres (see ASX Release 29 December 2011)
- 44 metres @ 0.39 g/t Au from 76 metres (see ASX Release 29 December 2011)
- 13 metres @ 0.43 g/t Au from 72 metres (see ASX Release 29 February 2012)
- 4 metres @ 2.65 g/t Au from 48 metres (see ASX Release 23 April 2012)

The second and third trends lying parallel to the “Subsidiary Structure”, have also recorded bedrock gold intercepts over 300 metres of strike. Both of these trends are untested along strike.



Snake Hill Prospect (East Kalgoorlie JV) Drilling Program– Western Australia (continued)

Drilling results received to date at the Snake Hill Prospect are highly encouraging and Northern Mining believes there is strong potential to identify significant gold mineralisation along all three bedrock gold trends.

The Company is poised to commence an evaluation of the bedrock potential with the commencement of a 5 hole reverse circulation (RC) drilling program this week.

Camel Manganese Prospect Drilling Program – Northern Territory

Reconnaissance exploration at the Camel Prospect identified manganese outcrops in two discrete areas some 23 kilometres apart. Exposure of the outcrops are limited with the zones of interest mostly covered by a shallow cover sequence. Rock chip sampling of the limited outcrop returned consistently elevated Mn values of up to 15.7% Mn at Area 1 and up to 45.6% Mn at Area 2 (see ASX announcements 2 September 2010 and 22 September 2010).

The Company is progressing the regulatory approval process and anticipates approvals to be received in late November, with the maiden drilling program to commence shortly after in late November/early December.

Greg Wilson
Chief Executive Officer

Competent Person Statement

Information in this report that relates to Exploration Results is based on information compiled by Mr Greg Wilson, full time employee of Northern Mining Limited, who is a Member of The Australasian Institute of Mining and Metallurgy and who 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". Mr Wilson consents to the inclusion in the report of the matters based on the information in the form and context in which they appear.