



ASX ANNOUNCEMENT

28th March, 2011

Robinson Range Iron Ore Project

As announced on 24th August 2010, PepinNini Robinson Range Pty Ltd (**PRR**), a wholly owned subsidiary of PepinNini Minerals Limited (**the Company**), entered into a Joint Venture Agreement with Grosvenor Gold Pty Ltd (**Grosvenor**) to explore and develop the iron ore potential of three tenements (E52/1723, E52/1910 and E52/1964) covering approximately 311km² in the Midwest region of WA.

Further, and as announced on 24th January 2011, PRR entered into a Joint Venture Agreement with Grosvenor and Fe Limited (ASX:FEL) to explore and develop the iron ore potential of four tenements (E51/1033, E52/1613, E52/1670 and E52/1672) covering approximately 390km² in the Midwest region of WA.

PRR manages exploration on behalf of the abovementioned Joint Ventures and is currently awaiting regulatory work approvals, Heritage Clearance Surveying by the Traditional Owners and instigation of a flora and fauna survey before commencing a 5,000m RC drilling program designed to delineate an initial Inferred JORC Resource of DSO iron ore of approximately 10MT and an exploration target of 100MT.

Plaints in the form of forfeiture applications and objections to expenditure exemption applications have been made over a number of tenements held wholly or in part by Grosvenor including three of the JV tenements, E52/1613, E52/1670 and E52/1723 covering approximately 178km². PRR was recently successful in its application to the WA Wardens Court to be joined to the plaintiff proceedings over these three tenements on the basis that PRR has a sufficient interest in the outcome of the proceedings as a registered co-holder.

An expenditure exemption application relating to E52/1723 has been set for trial in the WA Wardens Court together with a number of other exemption applications from 18th to 26th July 2011. The forfeiture applications are expected to be heard later in the year if not dealt with beforehand.

Only one of the plaintiffed tenements (E52/1613) is included in the current drilling proposal for the abovementioned Joint Ventures. The Company is confident in the defence of the plaintiff applications against these three tenements and does not intend to exclude the planned drilling for E52/1613 from the current proposed field operations.

The information in this report that relates to Exploration Results is based on information compiled by Norman Kennedy BSc MAusIMM. Norman Kennedy is the Chairman and Managing Director of PepinNini Minerals Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration 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". Norman Kennedy consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

For further information please contact:

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Note: Additional information on PepinNini Minerals Limited can be found on the website:

www.pepinnini.com.au