



## **ASX ANNOUNCEMENT**

14<sup>th</sup> May, 2012

# **Robinson Range Iron Ore Project Drilling Program Update**

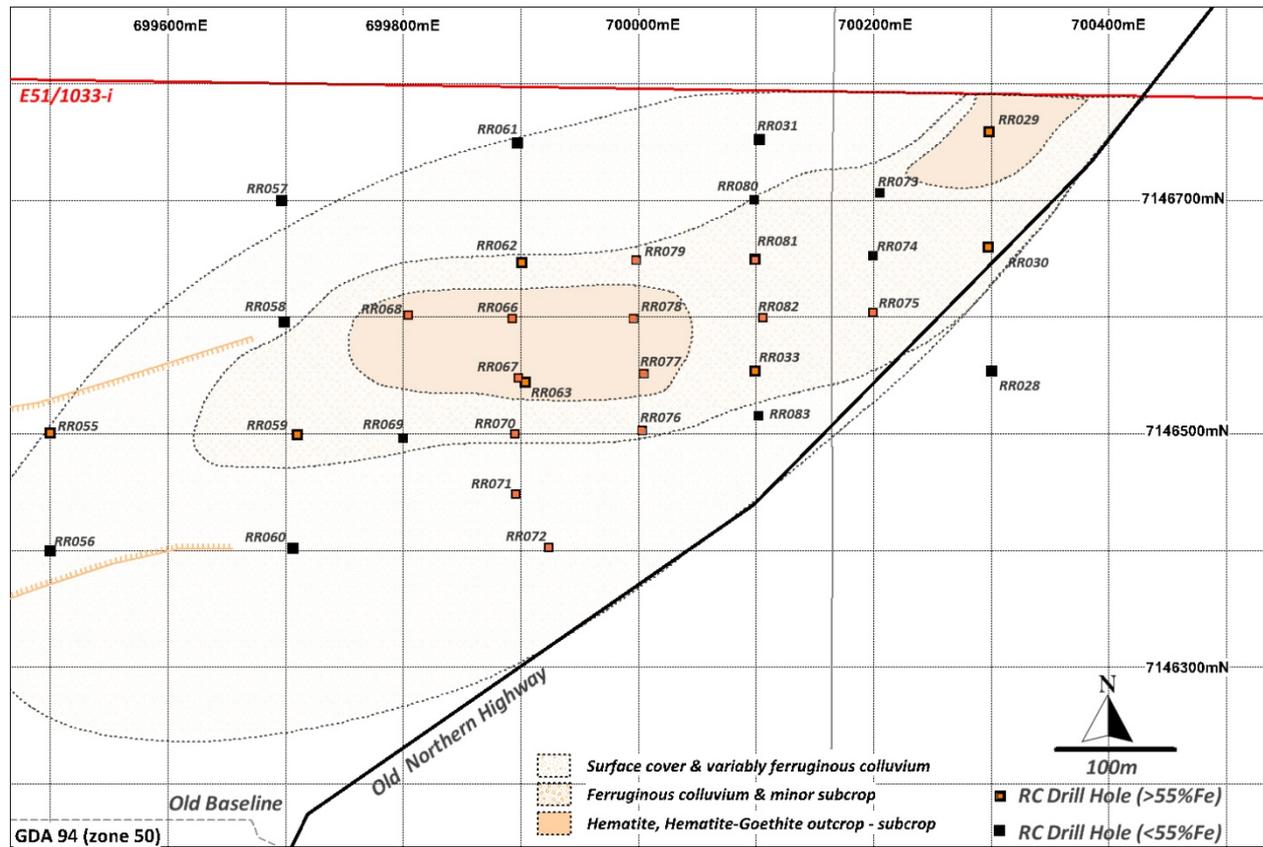
Results have been received for all samples collected during the recent drilling program completed at the Robinson Range Project located in the Midwest region of WA. The work, which was undertaken between 20<sup>th</sup> February and 4<sup>th</sup> March, was designed to extend coverage across the current iron ore resource at PNN Area C as well as to investigate three other prospects. Thirty five boreholes were completed for a total 2,446m.

Encouraging Hematite, Hematite-Goethite iron enrichment have continued to be intersected by the 2012 drilling across PNN Area C. Thirteen of the eighteen holes drilled returned intercepts with greater than 55% iron content as presented in Table 1.

Highlights include;

- ◆ 24 metres @ 64.2% Fe from surface and 15 metres @ 60.7% Fe from a depth of 56 metres in borehole RC12RR082,
- ◆ 57 metres @ 56% Fe in borehole RC12RR075 from a depth of 3 metres, (intersection includes an interval of 33 metres @ 61.8% Fe from 25 metres),
- ◆ 27 metres @ 58.6% Fe from a depth of 7 metres in borehole RC12RR076,
- ◆ 39 metres @ 58.7% Fe in borehole RC12RR077 from a depth of 27 metres, (intersection includes an interval of 30 metres @ 60.8% Fe from 29 metres),
- ◆ 23 metres @ 55% Fe in borehole RC12RR078 from a depth of 45 metres, (intersection includes an interval of 12 metres @ 61.3% Fe from 46 metres),
- ◆ 2 metres @ 55.1% Fe from a depth of 4 metres, 14 metres @ 55.4% Fe from a depth of 10 metres and 38 metres @ 55% Fe from a depth of 28 metres in borehole RC12RR068 (intersection includes an interval of 20 metres @ 60.2% Fe from a depth of 36 metres).

Data from the 2012 drilling program is currently being compiled and assessed prior to a revision of the maiden Mineral Resource Estimate reported for PNN Area C to JORC standards on 28<sup>th</sup> December, 2011.



Borehole Location Plan PNN Area C Robinson Range – April, 2012



Drilling Robinson Range Iron Ore Project – February, 2012

**Table 1. Robinson Range Project – PNN Area C**  
**Summary of Samples from 2012 RC Drilling (>55% Fe)**

Hole No.	East	North	RL (m)	Dip / Az	TD	From (m)	To (m)	Thick (m)	Fe%
<b>RC12RR066</b>	699893	7146598	571	Vertical	75	8	25	17	55.0
					<i>incl.</i>	8	18	10	55.8
					<i>incl.</i>	22	24	2	56.4
<b>RC12RR067</b>	699898	7146547	565	Vertical	75	4	8	4	55.4
						17	23	6	56.4
<b>RC12RR068</b>	699804	7146601	571	Vertical	80	4	6	2	55.1
						10	24	14	55.4
						28	66	38	55.0
					<i>incl.</i>	36	56	20	60.2
<b>RC12RR069</b>	699800	7146496	569	Vertical	80	Nil > 55% Fe			
<b>RC12RR070</b>	699895	7146499	562	Vertical	80	43	51	8	55.6
						53	55	2	55.7
<b>RC12RR071</b>	699896	7146448	560	Vertical	80	34	36	2	55.3
						39	40	1	59.8
<b>RC12RR072</b>	699924	7146402	557	Vertical	50	20	22	2	50.1
<b>RC12RR073</b>	700205	7146706	561	Vertical	80	Nil > 55% Fe			
<b>RC12RR074</b>	700199	7146652	559	Vertical	71	Nil > 55% Fe			
<b>RC12RR075</b>	700199	7146603	558	Vertical	71	3	60	57	56.0
					<i>incl.</i>	15	21	6	56.7
					<i>incl.</i>	25	58	33	61.8
<b>RC12RR076</b>	700003	7146502	561	Vertical	71	7	34	27	58.6
<b>RC12RR077</b>	700005	7146551	564	Vertical	71	27	66	39	58.7
					<i>incl.</i>	29	59	30	60.8
<b>RC12RR078</b>	699996	7146598	568	Vertical	71	45	68	23	55.0
					<i>incl.</i>	46	58	12	61.3
<b>RC12RR079</b>	699998	7146648	569	Vertical	71	6	9	3	59.9
						29	56	27	55.4
					<i>incl.</i>	34	44	10	60.9
					<i>incl.</i>	48	50	2	60.2

<b>RC12RR080</b>	700098	7146700	566	Vertical	71	Nil > 55% Fe			
<b>RC12RR081</b>	700099	7146648	564	Vertical	71	15	17	2	56.5
						65	71	6	58.3
<b>RC12RR082</b>	700106	7146599	562	Vertical	71	0	24	24	64.2
						56	71	15	60.7
<b>RC12RR083</b>	700102	7146515	558	Vertical	71	Nil > 55% Fe			

**Note:** All metreages quoted are down-hole depths, true widths are not known

No significant supergene iron enrichment was encountered in the drilling of the three other prospects investigated (PNN Area-G, PNN Area-J and PNN Area-K).

The Robinson Range Project comprises seven tenements that cover approximately 700km<sup>2</sup>. PepinNini has a 50% interest in the iron ore contained within three tenements and a 40% interest in the iron ore contained within the other four tenements and manages exploration on behalf of the Joint Venture partners. PNN Area C is located within exploration tenement E51/1033 held by PepinNini Robinson Range Pty Limited (40%), Resource and Investment NL (ASX:RNI) (40%) and Fe Limited (ASX:FEL) (20%).

*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.*

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**Note:** Additional information on PepinNini Minerals Limited can be found on the website: [www.pepinnini.com.au](http://www.pepinnini.com.au)