

ASX
ANNOUNCEMENT
IOH

25 January 2010

Iron Ore Holdings Ltd
ABN 17 107 492 517

Ordinary Shares on Issue:
118,805,998
Listed Options:
12,727,253

For further information
regarding Iron Ore
Holdings Ltd contact:

Matt Rimes
Managing Director

or

Mal Randall
Non-Executive Chairman

Phone: +61 8 9483 2000
Fax: +61 8 9321 0322

Website:
www.ironoreholdings.com

Email:
info@ironoreholdings.com

Registered Office:
Level 1, 1 Altona Street
West Perth WA 6000

PO Box 1761
West Perth WA 6872



Emerging Junior Iron Ore Producer

**Iron Valley Mineralisation Extends to 300m Below Surface
Major Intersection of 63.4% Fe over 88 Metres**

Iron Ore Holdings Limited (ASX: IOH) is pleased to advise that the latest results from deep RC drilling completed in December, have confirmed the width and tenor of mineralisation, and **extends the known iron ore** to a depth of **300 metres below surface**.

Major intersection widths of up to **88 metres @ 63.4% Fe** have been identified in these results (see Table 2 for complete results). The deepest mineralisation intersected to date (Hole 198), finished in **63% Fe**. This area will be targeted for deeper drilling in the new drilling program. Table 1 (below) highlights the most **significant intersections**:

Hole	Intersection Width (m)	Fe%	SiO ₂ %	Al ₂ O ₃ %	P%	LOI%	From (m)
IV196	50	61.37	1.91	2.50	0.19	6.55	54
IV196	78	62.24	2.20	2.37	0.19	5.67	108
IV197	92	60.52	3.38	3.18	0.17	6.01	60
IV197	34	60.45	3.10	3.00	0.20	6.54	158
IV198	20	59.07	3.71	4.24	0.18	6.53	82
IV198	48	60.58	4.17	2.64	0.20	5.80	240
IV200	40	59.07	3.55	3.12	0.17	8.15	36
IV203	88	63.43	2.33	2.09	0.15	4.27	52

Table 1 - Significant Results Iron Valley

These results highlight the potential to **increase** the current **191 Mt JORC Mineral Resource at Iron Valley**.

The continuation of the aggressive exploration and resource development drilling campaign at Iron Valley is scheduled to commence in early February, with the arrival of two diamond core drilling rigs and two RC drilling rigs on site.

The drilling campaign will target these **deep extensions** of mineralisation along with other recently discovered zones of mineralisation in the north east and southern areas of the project.

Detailed geological modelling incorporating this new data has commenced, and will continue to develop in conjunction with this new drilling campaign.

The Company's **JORC Mineral Resource** at all projects currently stands at **253Mt** (173.6Mt Indicated and 79.8Mt Inferred) with drilling programs ongoing. This will be added to in the coming months by the expected announcements of JORC resources at IOH's Lamb Creek, Koodaideri South and Buckland Hills projects as well as an update to the Iron Valley resource.



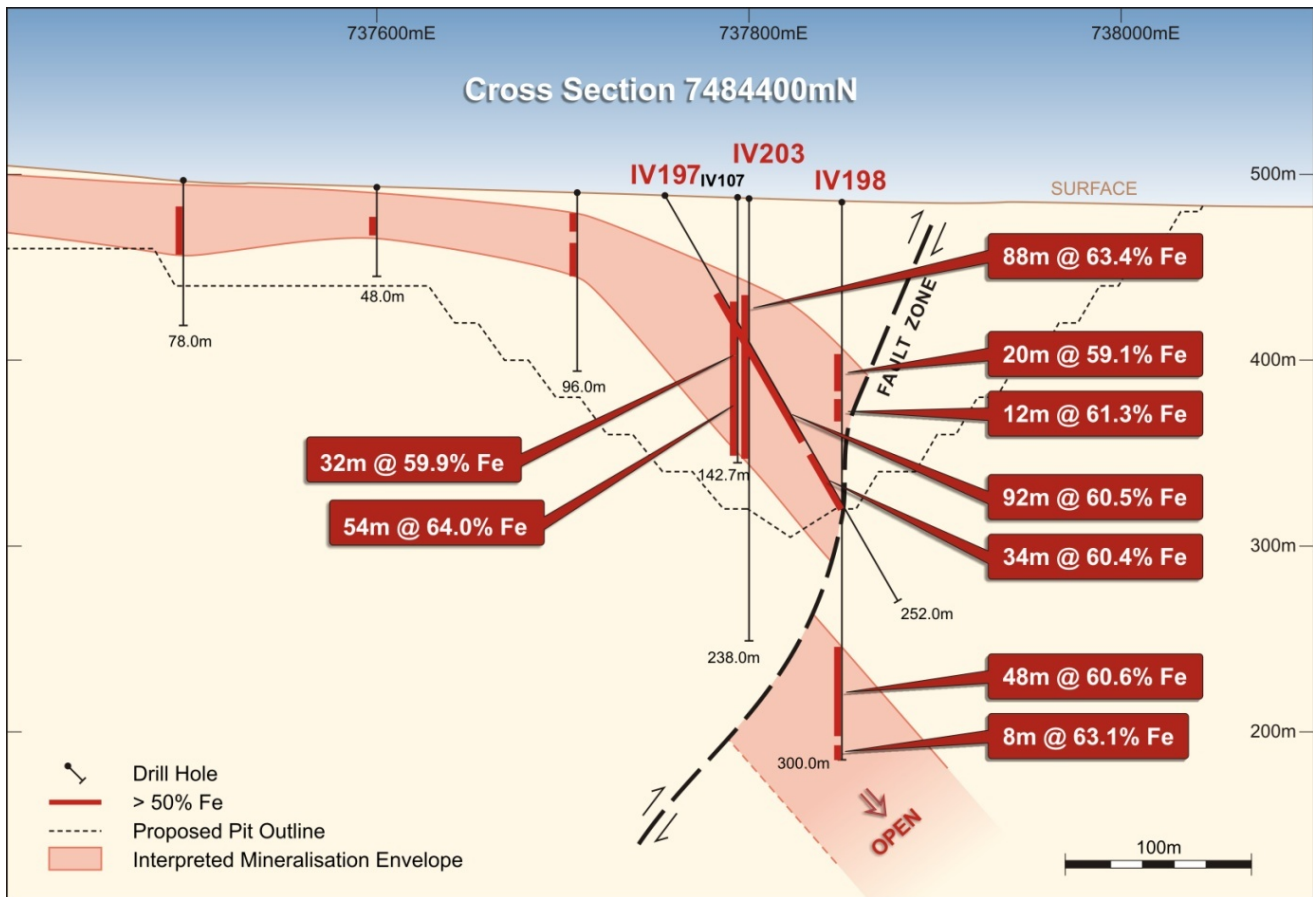


Figure 1 - Drill Section indicating the interpreted zone of iron mineralisation

About Iron Ore Holdings

Iron Ore Holdings Limited is an emerging Western Australian iron ore company focused on the exploration and development of a portfolio of high-quality iron ore projects within its Central Pilbara, Buckland Hills and Maitland River tenements in the Pilbara region of Western Australia. The Company's Projects are all located within close proximity to existing infrastructure.

Successes to date include a formal mine gate sales agreement with Rio Tinto for up to 1.5Mtpa of ore from the Phil's Creek Project which is on target to commence production in late 2010. Mining leases for the development of Phil's Creek have recently been granted and the mining proposal has been submitted for approval.

IOH has also entered an exclusive 6 month negotiating period with Rio Tinto for the possible sale of its Iron Valley deposit which has a JORC Indicated and Inferred resource of 191.5Mt (111.7Mt Indicated and 79.8Mt Inferred). The Company intends to continue drilling at Iron Valley to ensure that the full potential of the project is realised.

Announcements of further JORC Mineral Resources are expected at a number of projects within the first quarter of 2010. Once Iron Valley is finalised, exploration focus will return to follow up these other projects with the intent of further extending the resources.

ON BEHALF OF THE BOARD OF DIRECTORS OF IRON ORE HOLDINGS LTD

Matt Rimes
Managing Director



HoleID	East	North	From (m)	To (m)	Width (m)	Fe%	SiO ₂ %	Al ₂ O ₃ %	P%	LOI%
IV193	738624	7485800	94	96	2	61.06	3.41	3.31	0.28	4.31
IV193	<i>and</i>		116	118	2	55.06	5.3	5.86	0.3	8.63
IV193	<i>and</i>		140	150	10	61.66	3.66	2.56	0.18	4.87
IV194	738497	7485591	96	98	2	59.4	3.98	3.9	0.29	5.79
IV195	738449	7485592	108	114	6	59.6	3.83	3.24	0.16	6.71
IV195	<i>and</i>		120	124	4	56.83	4.88	4.35	0.29	8.28
IV196	738312	7485402	54	104	50	61.37	1.91	2.5	0.19	6.55
IV196	<i>and</i>		108	186	78	62.24	2.2	2.37	0.19	5.67
IV197	737754	7484404	52	54	2	57.6	5.19	4.41	0.13	7.07
IV197	<i>and</i>		60	152	92	60.52	3.38	3.18	0.17	6.01
IV197	<i>and</i>		158	192	34	60.45	3.1	3	0.2	6.54
IV198	737850	7484400	82	102	20	59.07	3.71	4.24	0.18	6.53
IV198	<i>and</i>		106	118	12	61.33	2.23	2.56	0.23	6.64
IV198	<i>and</i>		240	288	48	60.58	4.17	2.64	0.2	5.8
IV198	<i>and</i>		292	300*	8	63.06	2.77	2.26	0.17	4.13
IV200	738123	7484900	36	76	40	59.07	3.55	3.12	0.17	8.15
IV200	<i>and</i>		80	88	8	58.15	6.51	2.56	0.15	7.25
IV200	<i>and</i>		158	164	6	56.22	11.98	0.88	0.17	6.18
IV203	737800	7484400	52	140	88	63.43	2.33	2.09	0.15	4.27
IV203	<i>and</i>		182	184	2	61.45	7.02	0.75	0.1	4
IV203	<i>and</i>		194	200	6	58.9	9.05	1.11	0.13	5.11

Table 2 – Iron Valley Significant Intercepts

* Indicates significant intersection continues to end of hole

Note: All reverse circulation holes either vertical or inclined at -60° , coordinates GDA94 MGA Zone 50. Two metre composite grab samples taken, either cone split or grab samples. Intercepts calculated based on 55% Fe lower cut, no upper cut and 2m max internal dilution. Analysis via SRF technique by Ultra Trace Pty Ltd, Perth.

The information in this report that relates to exploration results is based on information compiled by Mr J Potter who is a Member of the Australasian Institute of Geoscientists Mr Potter is a full time employee of Iron Ore Holdings Ltd. Mr Potter has more than five years relevant experience in the style of mineralisation and types of deposits under consideration and consents to inclusion of the information in this report in the form and context in which it appears. He qualifies as a Competent Person as in the 2004 Edition of the 'Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Potter consents to the inclusion in this report of the matters based on his information in the form and context that the information appears.

The information in this report that relates to Mineral Resources has been compiled by Mr Lynn Widenbar.

Mr Widenbar, who is a Member of the Australasian Institute of Mining and Metallurgy, is a full time employee of Widenbar and Associates and produced the Mineral Resource Estimate based on data and geological information supplied by IOH. Mr Widenbar has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves. Mr Widenbar consents to the inclusion in this report of the matters based on his information in the form and context that the information appears.