

Western Desert Resources, a diversified resources business with a portfolio of quality mineral exploration assets in the Northern Territory.

Western Desert Resources' business is built on the exploration of its substantial portfolio of iron ore, gold, base metals and uranium projects in the world-class mining provinces of Australia and will continue to grow through the generation and acquisition of new opportunities and resources.

#### FAST FACTS

ASX Code	WDR
Issued Shares	155m
Market Cap	A\$48M
Cash & Investments	A\$5.2M

#### DIRECTORS

Norm Gardner	MD
Mick Ashton	Director
Graham Bubner	Director
David Cloke	Director
Phillip Lockyer	Director

#### COMPANY HIGHLIGHTS

##### Iron Ore

- Roper Bar & Mountain Creek projects (NT)
- Hematite iron ore
- Total Inferred Mineral Resource 195Mt @ 40% Fe including DSO of 14.5Mt @ 57.4% Fe
- Low Impurities
- Aggressive exploration ongoing
- Proximity to coast and markets

##### Gold / Copper

- East Rover Project near Tennant Creek (NT)

#### CONTACT DETAILS

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## WESTERN DESERT INCREASES DSO IRON ORE RESOURCE AT ROPER BAR BY 48%

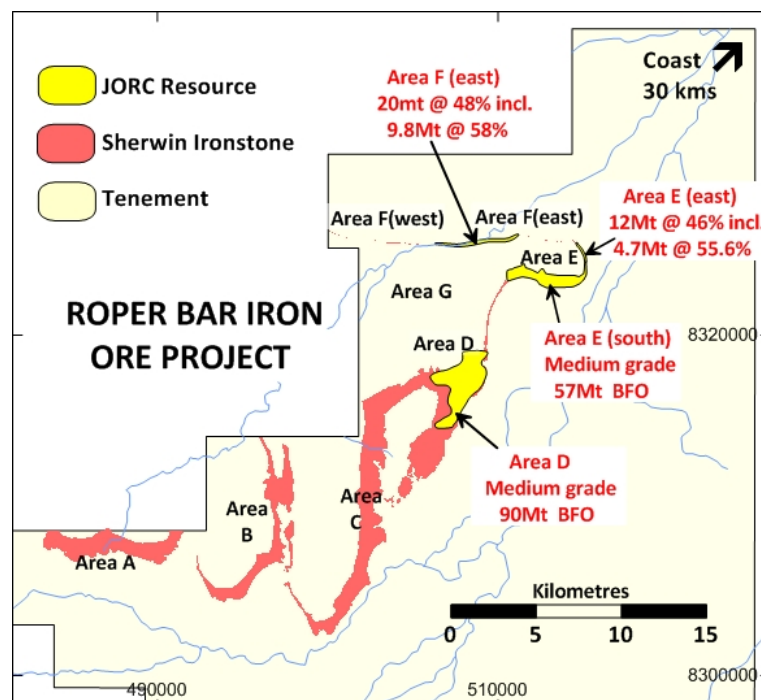
#### Key Points:

- New DSO Resource of 4.7Mt @ 55.6% Fe at Area E (east)
- JORC-compliant Indicated Mineral Resource estimate of 12.1 million tonnes @ 46.1% Fe
- Revised Global DSO of 14.5Mt @ 57.4% Fe.
- Maiden JORC Mineral Resource estimate for Area D (north) due later this year.

Western Desert Resources Limited (ASX: WDR) today announced the results of a revised Mineral Resource estimate for Area E (east) within its 100%-owned Roper Bar Iron Ore Project in the Northern Territory.

The new JORC compliant Mineral Resource is upgraded to Indicated category. The total E (east) Mineral Resource is 12.1Mt @ 46.1% Fe, 22.4% SiO<sub>2</sub>, 1.67% Al<sub>2</sub>O<sub>3</sub> and 0.01% P at a cut-off of 30% Fe.

This includes a high grade DSO core of 4.7Mt @ 55.6% Fe, 14.1% SiO<sub>2</sub>, 1.13% Al<sub>2</sub>O<sub>3</sub> and 0.01% P at a cut-off of 50% Fe. Full results are shown in Table 1.



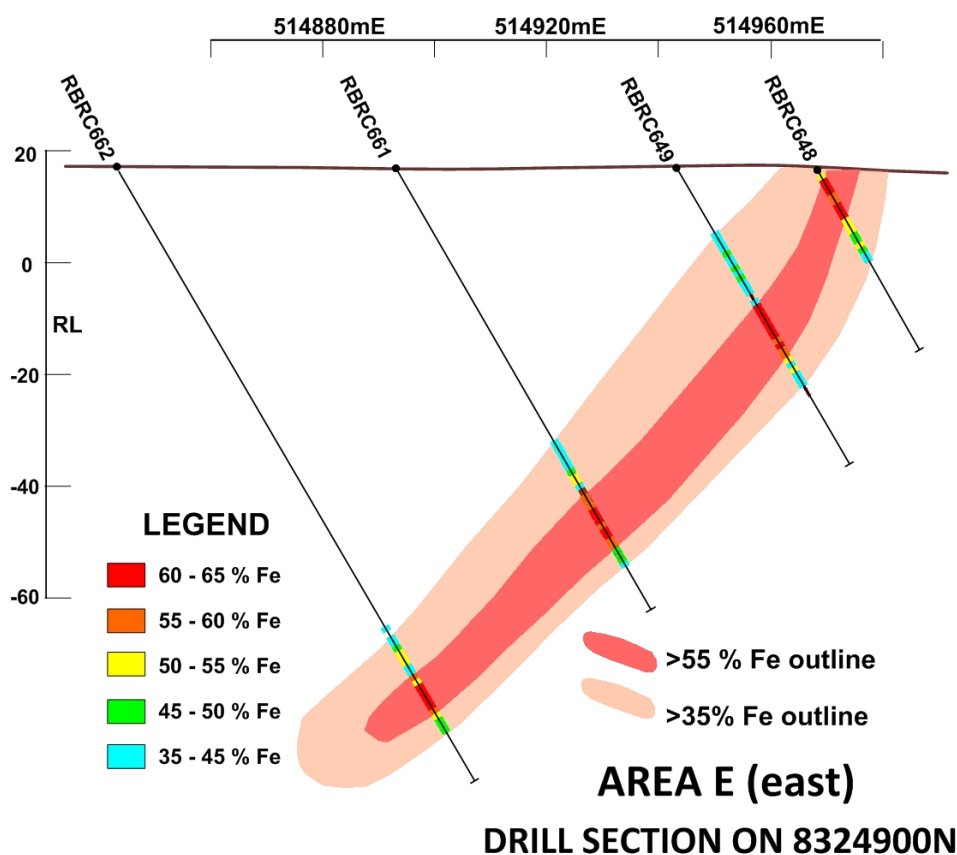
30% Fe cut off									
Class	Tonnes	Fe %	SiO <sub>2</sub> %	P %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	S %	MnO %	LOI %
Indicated	12,078,341	46.05	22.42	0.01	1.67	0.09	0.14	0.35	7.98

50% Fe cut off									
Class	Tonnes	Fe %	SiO <sub>2</sub> %	P %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	S %	MnO %	LOI %
Indicated	4,713,537	55.55	14.07	0.01	1.13	0.05	0.10	0.11	4.15

**Table 1. Area E (east) Indicated Mineral Resource estimate**

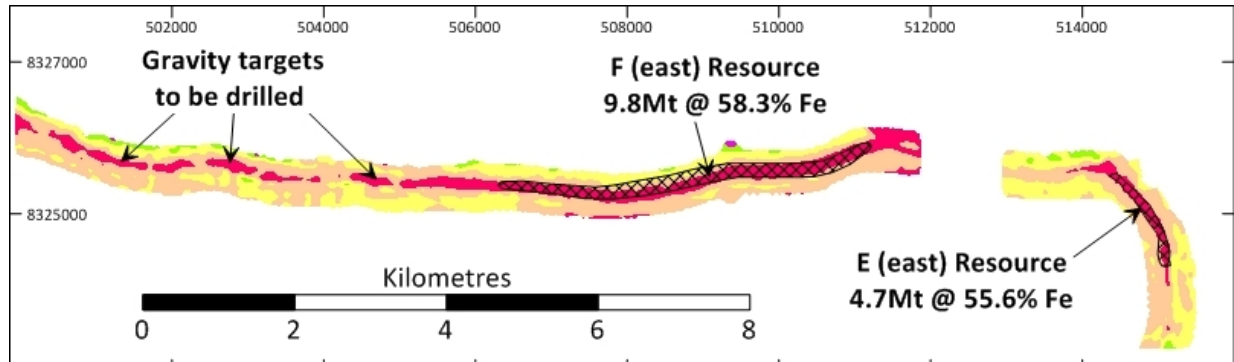
The resource estimate was carried out by AMC Consultants Pty Ltd.

A cross-section through the mineralised zone is shown in Figure 2 below. It outcrops and dips at about 45 degrees. In addition to the direct shipping ore, the mineralised zone includes a thick halo of beneficiable ore. This will factor favourably into open cut pit design and strip ratio.



**Figure 2. Section through deposit at Area E (east)**

The ore has very low levels of impurities, a characteristic of the Roper Bar iron ore deposits. Phosphorus, in particular, typically reports below assay detection limits.



**Figure 3. Gravity map of Roper Bar Areas E and F**

Western Desert Resources Managing Director Norm Gardner said “The Roper Bar story continues to grow and this is another excellent result from our drill program and adds substantially to the DSO resource at the Project. We have no doubt as to the potential of the project and expect to issue of Notice of Intent within weeks. There is still more high grade to drill up in various areas and we hope to continue drilling at the gravity targets in F West in January and deliver additional resources from current drilling to the market.”

**For further information contact:**

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## Background

The Roper Bar Iron Ore Province covers about 2,900 km<sup>2</sup> within eight granted exploration licences in the Northern Territory and includes an estimated 100 km<sup>2</sup> of outcrop of the target Sherwin Formation which hosts extensive hematite iron ore horizons. The Province is divided into two project areas – Roper Bar and Mountain Creek.

### JORC compliant Mineral Resource estimates from WDR's Roper Bar Project to date.

DEPOSIT AREA	Classification	Mt	Fe %	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	P %	LOI %	Published
Area D	Inferred	90.7	37.2	31.5	3.2	0.01	9.6	Oct-09
Area E (east)**	Indicated	12.1	46.1	22.4	1.7	0.01	8.0	Dec-10
Area F (east)*	Inferred	14.1	49.5	21.9	3.1	0.01	2.6	Nov-09
Area F (east) *	Indicated	6.3	46.8	26.0	2.8	0.01	2.8	Nov-10
Area E (south)	Inferred	72.1	39.0	30.6	2.9	0.01	8.6	Nov-10
<b>TOTAL</b>		<b>195.3</b>	<b>39.6</b>	<b>29.7</b>	<b>2.96</b>	<b>0.01</b>	<b>8.4</b>	

\* Includes DSO of 9.8Mt @ 58.3% Fe, 10.7% SiO<sub>2</sub>, 2.6% Al<sub>2</sub>O<sub>3</sub>, 0.01% P and 2.1% LOI

\*\* Includes DSO of 4.7Mt @ 55.6% Fe, 14.1% SiO<sub>2</sub>, 1.1% Al<sub>2</sub>O<sub>3</sub>, 0.01% P and 4.2% LOI

### Competent Person's Statements

*The information in this report that relates to Mineral Resources is based on information compiled by Sharron Sylvester who is a full-time employee of AMC Consultants Pty Ltd and a Member of the Australian Institute of Geoscientists and has sufficient experience relevant to the styles 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 the Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC code). Sharron Sylvester consents to the inclusion of this information in the form and context in which they occur.*

*The information in this report that relates to Exploration Results is based on information compiled by Graham Bubner who is a Member of the Australian Institute of Geoscientists. Mr Bubner is a full-time employee of AsIs International and acts as a consultant for Western Desert Resources Ltd and has sufficient experience relevant to the styles of mineralisation under consideration and to the subject matter of the report to qualify as a Competent Person as defined in the 2004 edition of the Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC code). Mr Bubner consents to the inclusion in the report of the matters based on his information in the form and context in which they occur.*