

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\$50M
Cash & Investments	A\$8.0M

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 189Mt @ 39% Fe including potential DSO of 7Mt @ 59% 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 GLOBAL IRON ORE RESOURCE AT ROPER BAR BY 62%

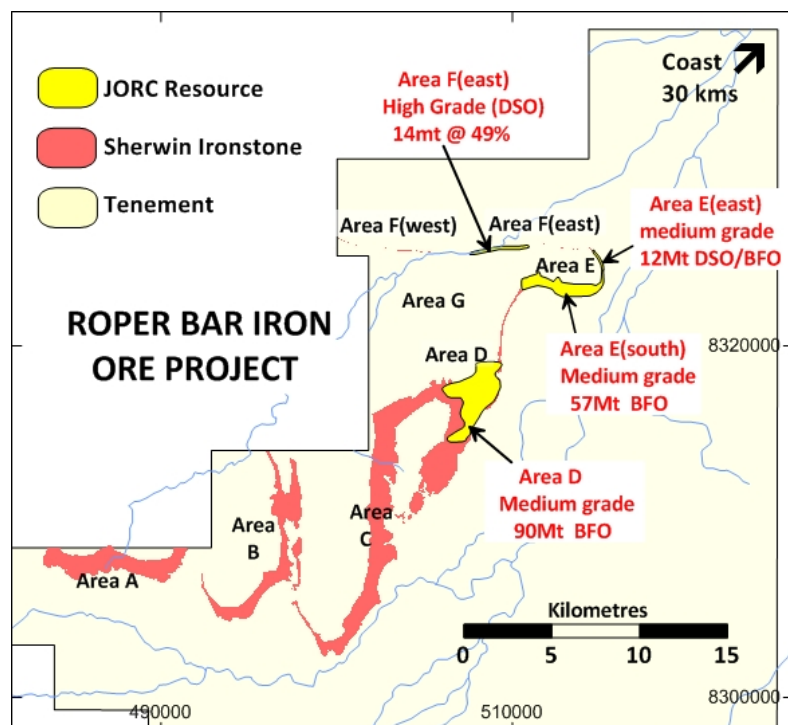
Key Points:

- New resource defined at Area E (south)
- JORC-compliant Inferred Mineral Resource estimate of 72 million tonnes @ 39% Fe
- Roper Bar global resource increased from 117mt to 189mt
- Revised JORC Mineral Resource Estimates for Areas F (east) and E (east) due later this year.

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

The JORC compliant Inferred Mineral Resource consists of two zones of oolitic hematite ironstone and contains 72 million tonnes @ 39% Fe, 30.6% SiO₂, 2.9% Al₂O₃ and 0.01% P at a cut-off of 30% Fe.

The 72Mt adds to the existing 117Mt @ 39%, which represents a 62% increase in the global resource base.



ROPER BAR PROJECT - AREA E (south) INFERRED MINERAL RESOURCE ESTIMATE (30% Fe Cut-off)									
ZONE	Mt	Fe%	SiO ₂ %	P%	AL ₂ O ₃ %	CaO%	S%	MnO%	LOI%
1	28	36.6	33.8	0.01	2.81	0.10	0.09	0.40	8.87
2	44	40.6	28.6	0.01	2.96	0.08	0.06	0.55	8.39
Total	72	39.0	30.6	0.01	2.90	0.09	0.07	0.49	8.58

The resource estimate was carried out by AMC Consultants Pty Ltd. AMC's report stated:

"Mineralisation intersected in Area E (south) has significant strike extent and is close to surface. Fe grades increase in the eastern part of Area E (south)."

The Mineral Resources already defined lie in close proximity to each other and significant ground in the immediate area remains untested.

"The mineralisation is open down dip and to the west and extends into Area E (east) to the east."

A cross-section through the ore body is shown in Figure 2 below. The total thickness of the two domains is typically 10 metres. The iron mineralisation outcrops along the ore body's southern edge and dips towards the north at about 7 degrees. The lateral continuity makes this deposit ideally suited for surface miners as used by Fortescue Metals Group (FMG).

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.

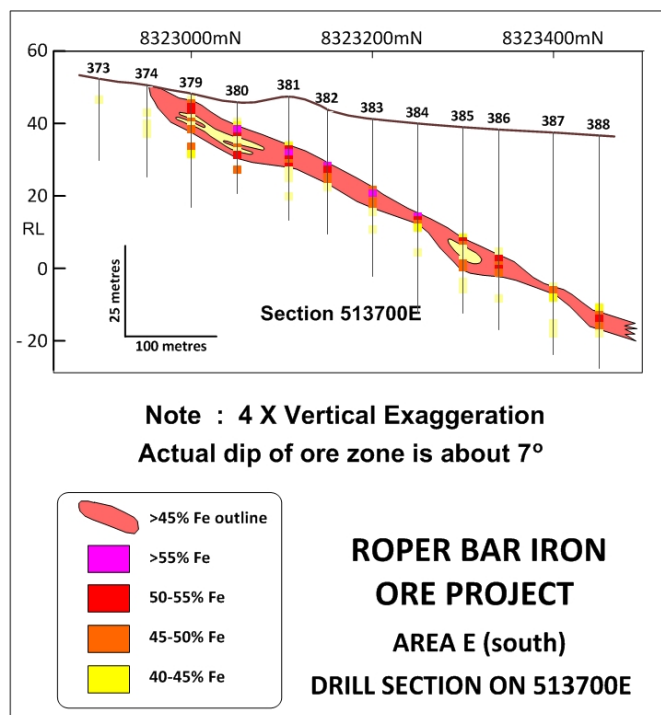


Figure 2. Section through deposit at Area E (south)

Western Desert Managing Director Norm Gardner said “this is another excellent result from our drill program and adds substantially to the global resource at the Roper Bar Iron Ore Project. Further drilling will be undertaken in 2011 to determine the western and northern extent of the mineralisation.”

“WDR looks forward to the upgraded resource figures for Area F (east) and Area E (east) which are due in late 2010. Coincidentally, we now have just over one tonne of resource for every listed share,” Mr. Gardner said.

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Background

The Roper Bar Iron Ore Province covers about 2,900km² within eight granted exploration licences in the Northern Territory and includes an estimated 100 km² 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 at 30% Fe Cut-off from WDR’s Roper Bar Project to date:

DEPOSIT AREA	Classification	Mt	Fe %	SiO ₂ %	Al ₂ O ₃ %	P %	LOI %	Published
Area D	Inferred	90.7	37.2	31.5	3.2	0.01	9.6	Oct-09
Area E (east)	Inferred	12.3	44.0	24.6	1.8	0.01	8.8	Dec-09
Area F (east) *	Inferred	14.2	49.5	22.0	3.2	0.01	2.5	Nov-09
Area E (south)	Inferred	72.1	40.7	28.9	2.6	0.007	8.2	Nov-10
TOTAL		189.3	39.9	29.3	2.88	0.009	8.5	

* Includes DSO of 7.3Mt @ 59.3% Fe, 8.9% SiO₂, 2.8% Al₂O₃, 0.01% P and 2.2% 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 Asls 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.