# **ASX ANNOUNCEMENT**

5 March 2010



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

Western Desert Resource's 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 129m Market Cap A\$68M Cash & Investments A\$10.0M

### **DIRECTORS**

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

### **COMPANY HIGHLIGHTS**

#### Iron Ore

- Roper Bar JV & Mountain Creek projects (NT)
- · Hematitic iron ore
- Total Inferred Mineral Resource 116Mt @ 39% Fe including potential DSO of 7Mt @ 59% Fe (Roper Bar JV)
- Low Impurities
- Aggressive exploration planned
- Proximity to coast and markets

## Gold / Copper

 East Rover Project near Tennant Creek (NT)

## **CONTACT DETAILS**

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# INITIAL DRILLING RESULTS FROM ROVER EAST GOLD/COPPER PROJECT

# **Key Points:**

- Seven magnetic targets tested
- Adverse ground and weather conditions led to early termination of the program
- Three drillholes completed to target depth with magnetic volcanic sequences intersected
- Diamond drilling required to complete test of four of the magnetic targets
- Wiso Basin sequence prospective for phosphate

Western Desert Resources Limited (**ASX: WDR**) wishes to advise that the initial drilling program has been completed at the East Rover Project near Tennant Creek in the Northern Territory.

Eight magnetic targets were originally to be tested by single deep RC percussion holes. Weather conditions deteriorated during mid-February and led to the early termination of the program.

Seven holes were completed with only three reaching the planned target depths (holes ERRC001, 3 and 7), see Table 1 below. The remaining four holes encountered very strong water flows in Wiso Basin sediments which overlie the prospective Proterozoic rocks and were unable to be drilled to the target depths. It is planned to complete these holes with a diamond drill rig.

Table 1

Hole ID	Easting	Northing	Depth	Azimuth(T)	Dip
ERRC001	368775	7787610	323	4.5	-60
ERRC002	366100	7784420	233	4.5	-70
ERRC003	371090	7782950	275	4.5	-60
ERRC004	367500	7782280	239	4.5	-65
ERRC005	368450	7782295	215	4.5	-65
ERRC006	375725	7780500	107	34.5	-60
ERRC007	374950	7784225	300	49.5	-60



# **Assay Results**

Assay results have been received for the first five drillholes. The two holes completed to target depth (ERRC001 and 3) intersected magnetic volcanic and igneous rocks with no anomalous geochemistry. Geophysical measurements on the samples indicate that the holes have successfully tested the magnetic targets which were caused by the barren magnetic volcanic/igneous sequences.

The upper portions of the holes were not sampled as the Wiso sediments were not considered to be prospective. However samples from the base of the Wiso sequence in two holes (ERRC002 and 5), showed anomalously high phosphorus values (3.2-4.0% $P_2O_5$ ). The upper parts of the holes will be composite sampled and analysed for phosphate. Previous work conducted by the Northern Territory Geological Survey had shown that the Wiso Basin to the west of Tennant Creek is prospective for phosphate.

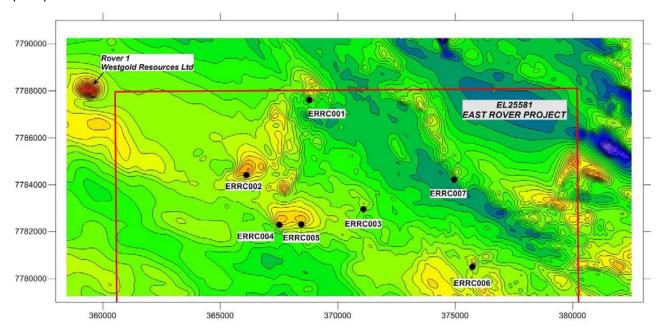


Figure 1 - East Rover Project: Magnetic contours with drillhole locations

### **Future Work**

Future planned work includes completing the four unfinished holes with a diamond drill rig, conducting a gravity survey over the western portion of the area and ascertaining the prospectivity of the area for phosphate deposits.

### For further information please contact:

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### Rover River Gold/Copper Project - background

Western Desert Resources has a farm-in agreement with TNG Ltd over two granted exploration licences (EL24471 and EL25581) and two exploration licence applications south of Tennant Creek in the Northern Territory, WDR holds a 51% interest in the tenements and has agreed to spend \$850,000 over 30 months to earn a further 29% share (increasing total interest to 80%).

The project area lies immediately to the east of the Rover field where Westgold Resources and Adelaide Resources have announced high grade gold and copper intersections in magnetic ironstones.

## **Competent Person's Statements**

The information in this report that relates to Exploration Results, Mineral Resources and Ore Reserves is based on information compiled by John Fabray who is a member of the Australasian Institute of Mining and Metallurgy. Mr Fabray is a full time employee of 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 Fabray consents to the inclusion in the report of the matters based on his information in the form and context in which they occur.