



(AIM:RRR)

AUGUST 9, 2006

RED ROCK REPORTS 2.3M TONNE HIGH-GRADE MANGANESE RESOURCE FROM FIELD PROGRAMME NEAR MKUSHI, ZAMBIA

- **Ten Holes To Define Depth Of Mineralisation And Raise Category Status**
 - **Programme Will Also Seek To Establish Resources In 6Km North East Extension**
-

AIM-quoted Red Rock Resources plc says it has outlined an indicated resource of 2.36m tonnes of ore with potential grade of over 46p.c. manganese after the first phase of exploration at its Chiwefwe deposit near Mkushi in Zambia. The estimate is based on Canadian Institute of Mining, Metallurgy and Petroleum Definition Standards for Mineral Resources and Reserves.

Red Rock reports that the defined resource lies at the south-west extremity of the mineralised zone which extends for a total 7km within the Mkushi permit. The manganese zone follows the line of the geological boundary between the Muva upper basement complex to the north and north-east, and the younger intrusive complex to the south and east. The Great North Road, which passes through the licence area, also follows this geological boundary.

“Mineralisation appears to have formed as a hydrothermal replacement deposit along faulting and to have a vertical or sub-vertical orientation”, states the company.

“Further work includes the immediate drilling of ten more holes to raise the south-west resource to measured category, and establishing indicated/inferred resources in the six kilometre north east extension. Sampling results will become available in the course of the next month”.

The north-east extension has been traced in outcrop, trenches and float rock. Geological mapping included excavation of twenty test pits and five trenches using a crew of 16-20. In the south-west area, manganese in surface outcrop and in test pits was mapped in detail over a strike length of 550m to the north-west, with an average width of 50m and a probable depth of over 20m, as observed in production pit number one.

“This gives altogether an indicated volume of 550m by 50m by 20m for a total volume in the south-west zone of 550,000 cubic metres. At a specific gravity of 4.3 this represents approximately 2.3m tonnes of manganese ore”, Red Rock said in its statement. “The manganese ore is from good clean quality material mainly in the form of manganite with a manganese content of over 46p.c.”

The resource estimate is based on information compiled by Dr. Wolfgang Wiessner, a consulting geologist to Red Rock, who has a Diploma in Geology and a Doctorate in Natural Sciences from The Technical University of Karlsruhe, Germany, and is a Member of the Geological Association of Germany and the OberRhein Geological Association. Dr. Wiessner has been practising geology for over 25 years and is a qualified person under the AIM Rules.

Further Information:

Andrew Bell, Chairman, Red Rock Resources plc **Tel:** 07766 474849

Ron Marshman/John Greenhalgh, City of London PR Limited. **Tel:** 020-7628-5518

<http://www.rrrplc.com/>

[Red Rock Resources Share Price](#)