



**Announcement - 9<sup>th</sup> July 2008**

## **HIGHLIGHTS**

- **RC drilling recommences and IP surveying is planned for Mt Angelo North volcanic massive sulphide (VMS) prospect.**
- **Preliminary Niton XRF analyses of RC drill hole samples confirm the presence of broad zones of copper mineralisation at Mt Angelo Porphyry.**
- **A chargeability IP anomaly coinciding with the aeromagnetic “bulls eye” anomaly has been detected at Mt Agnes IOCG copper – gold prospect in the West Pilbara.**
- **Heritage clearances have now been gained for most areas in the 3D Resources Ltd’s Halls Creek Project area and will allow the immediate implementation of soil/MAGLAG geochemical programs and geophysical IP surveys.**

### **Mt Angelo North Project**

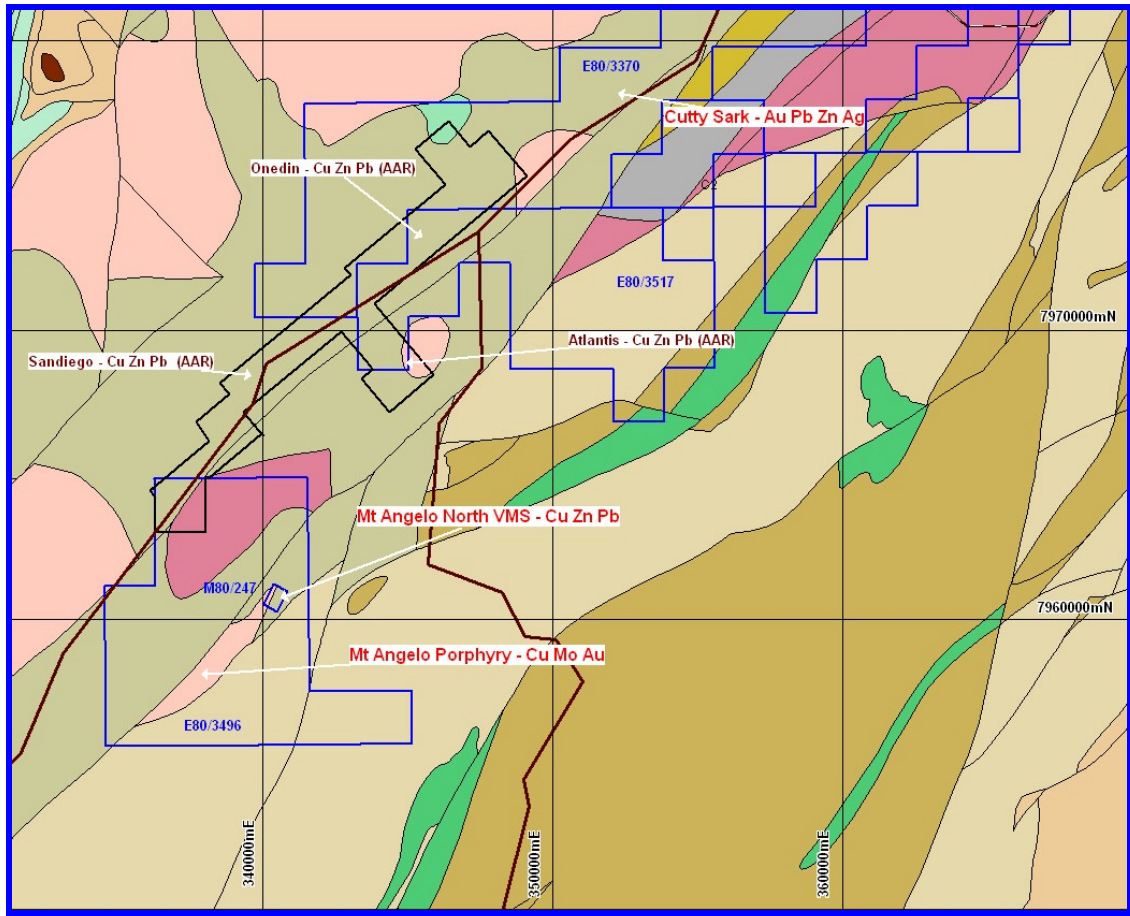
RC drilling has recommenced at Mt Angelo North prospect, south of Halls Creek in the East Kimberley and includes an initial three hole program to confirm the continuity of the massive sulphide mineralisation along strike. The massive sulphide copper – zinc – lead (silver – gold) mineralisation remains open both along strike and at depth. A preliminary review of the geology indicates the presence of a possible thrust fault below the known mineralisation and has implications for the presence of a potential extension to the mineralisation below the fault. This possibility will be tested by a several geophysical dipole dipole traverses planned for early August.

Drillhole **08MTAR0013** intersected weathered and oxidised gossan and underlying massive sulphides over an interval of 72m with ore grade copper and zinc values. Logging of the hole has confirmed the presence of talc - chlorite alteration, typical of a VMS alteration in the footwall of the mineralisation.

Mt Angelo North VMS prospect occurs within the Koongie Park Formation representing an extensive belt of felsic volcanic rocks that occur to the north and



southwest of Halls Creek and contain base metal deposits at Onedin and Sandiego currently being drilled by Anglo Australian Resources Ltd – AAR (Figure 3). 3D Resources has an extensive tenement holding over this favourable geology that could potentially host additional copper-zinc-lead-gold deposits.



**Figure 1 Regional geology showing the distribution of the base metal mineralised Koongie Park Formation, south of Halls Creek.**

### **Mt Angelo Porphyry Copper Project**

A total of eleven RC drill holes (aggregating 1693 m) have been completed over a portion of the mineralised Mt Angelo granophyre. The potential extent of the mineralized granophyre is indicated by the geochemical soil anomaly achieved over the prospect. The anomalous soil geochemistry (>500 ppm CU) confirms that the mineralised granophyre (porphyry) extends over an area of 1000 m x 500 m and would appear to be bounded to the north by a fault.

Preliminary Niton XRF analyses confirm broad zones of copper mineralisation (ie 44m @ 0.4% Cu in drill hole 08MTAR0001 & 150m @ 0.3% Cu in drill hole 08MTAR0007, refer Table 1). The split samples have now been delivered to Ultra Trace in Perth and will be analysed for copper, cobalt, gold, silver and

molybdenum. The mineralisation is expected to be sulphur-poor and be amenable to modern heap leach mining and SX-EW beneficiation techniques. A bulk sample of RC chips from the current program will be subject to preliminary metallurgical testing at Nagrom Laboratories.

**Table 1 - Mt Angelo Porphyry Drill Hole Intercepts (based on preliminary Niton XRF Analyses)**

Drill Hole	Intercept	Average Grade - Cu%	From
08MTAR0001	44m	0.4%	0m
08MTAR0002	76m	0.34%	33m
	Incl 9m	0.6%	33m
08MTAR0003	16m	0.32%	70m
08MTAR0004	17m	0.4%	51m
	& 12m	0.38%	91m
08MTAR0005	14m	0.38%	5m
	& 117m	0.3%	33m to eoh
	Incl 14m	0.41%	83m
08MTAR0007	150m	0.3%	0m to eoh
08MTAR0009	16m	0.41%	34m
08MTAR0009	& 45m	0.3%	49m
08MTAR0010	20m	0.41%	2m
	& 39m	0.31%	111m to eoh



**Figure 2 RC Drilling at Mt Angelo Porphyry**

### **Mt Agnes IOCG Copper – Gold Prospect**

A geophysical IP program has just been completed at Mt Agnes Iron Oxide Copper Gold (IOCG) prospect in the West Pilbara. The IP survey has included a gradient array survey and dipole dipole IP traverse over the aeromagnetic “bulls eye” anomaly that has been related to copper – gold mineralisation associated with massive magnetite lenses at Meilga North. The gradient array survey has shown the presence of a north – south trending high resistivity zone, possibly associated with siliceous alteration, and an adjacent chargeability zone. The dipole - dipole IP survey has confirmed that a chargeability anomaly coincides with the resistivity high and coincides with the aeromagnetic “bulls eye” anomaly. There is a high likelihood that the chargeability anomaly represents a conductive body – probably sulphide mineralisation associated with siliceous alteration at depth. RC drilling is planned to test the IP and resistivity anomalies within the next month.

### **Halls Creek, East Kimberley Heritage Clearances**

Heritage clearances, in consultation with the Kimberley Land Council (KLC), have now been achieved over the main mineralized corridors within the Halls Creek project area. Clearances have been gained over the Granite/Granite South/Gnewing Bore copper – gold trend west of Halls Creek, the Bent Ridge copper – gold – nickel – lead mineralisation associated with pyrophyllite/fuchsite alteration occurring along the Caroline Fault, east of Halls Creek and potential VMS massive sulphide mineralisation occurring within the mineralised Koongie Park Formation that hosts the Onedin and Sandiego deposits occurring along the Great Northern Highway, to the north and south of Halls Creek.

The Heritage Clearances will allow the immediate implementation of soil/MAGLAG and geophysical IP surveys as well as follow-up RC drilling.

Signed on behalf of the Board of 3D Resources Ltd.



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Information in this “ASX Announcement” relating to Exploration Results and geological data has been compiled by the Managing Director of 3D Resources Ltd, Dr Craig S. Rugless who is a Member of the Australian Institute of Mining and Metallurgy and a Member of the Australian Institute Geoscientists. He has sufficient experience that is relevant to the types of deposits being explored for and qualifies as a Competent Person as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (JORC Code 2004 Edition).

