



3<sup>rd</sup> July, 2009

## **ASX Announcement**

### **Mt Carbine Target Mineralisation Increases to +55 Million Tonnes**

Icon Resources Ltd ('Icon') is pleased to provide the following update on the Company's activities. Background information on the projects reported here along with information on the Company's other tenements are available on the website at [www.iconresources.com.au](http://www.iconresources.com.au).

#### **Mt Carbine Tungsten**

- Geostat Services Pty Ltd has revised the geological model for the tungsten mineralisation below the open cut using an existing core library of 8,222m from 39 drillholes. This has increased the mineralisation from the previously announced Inferred Resource of 9.6Mt at an estimated grade of 0.2% WO<sub>3</sub> to an exploration target in the range of 55-60Mt at 0.07- 0.09% WO<sub>3</sub> using uncut values.
- This target tonnage excludes the exploration potential in the hill abutting the north wall of the pit which contains numerous historical workings and identified mineralised zones. The company will focus on this area to double the target tonnage.
- Mt Carbine is developing into a world class resource and the scoping study underway will now incorporate the potential for block caving these new mineralised zones below the pit as well as extending the open cut. Historical production utilised an ore sorting process and it is envisaged that ore sorters will be incorporated into a new plant design to enable a high throughput, lower grade operation which can economically capture the large tonnage potential.
- The company is in discussion with a number of parties with tungsten projects in North Queensland as well as potential international partners. These are on-going as Icon continues to seek the best value for its shareholders.

#### **Fitzroy Copper/Zinc**

- The company has previously announced an Inferred Resource of 1.75Mt at 1.7% Cu + 2% Zn and is now stepping up exploration efforts to increase this resource. We are planning downhole electromagnetic (DHEM) surveys (previous) open drillholes as a first pass to test for sulphide bodies not intersected by previous drilling. The system, which consists of several lenses of massive sulphides, remains open in a number of directions.

#### **Peel Fault Gold**

- Icon has previously conducted 3D induced polarisation geophysical and geochemical surveys over prospective areas of the Peel Fault which coincide with old gold workings. The company is now planning to test the resulting high priority targets to confirm the presence of a large structurally-controlled gold-bearing hydrothermal system.

*Managing Director Dr John Bishop said "The wireframe modelling has confirmed a very large system at Mt Carbine and these results will be included in the Independent Scoping Study presently underway. Elsewhere, we are stepping up our exploration programs at Fitzroy which already has a significant Cu/Zn resource and at the Peel Fault gold project which has some exciting drill-ready targets."*

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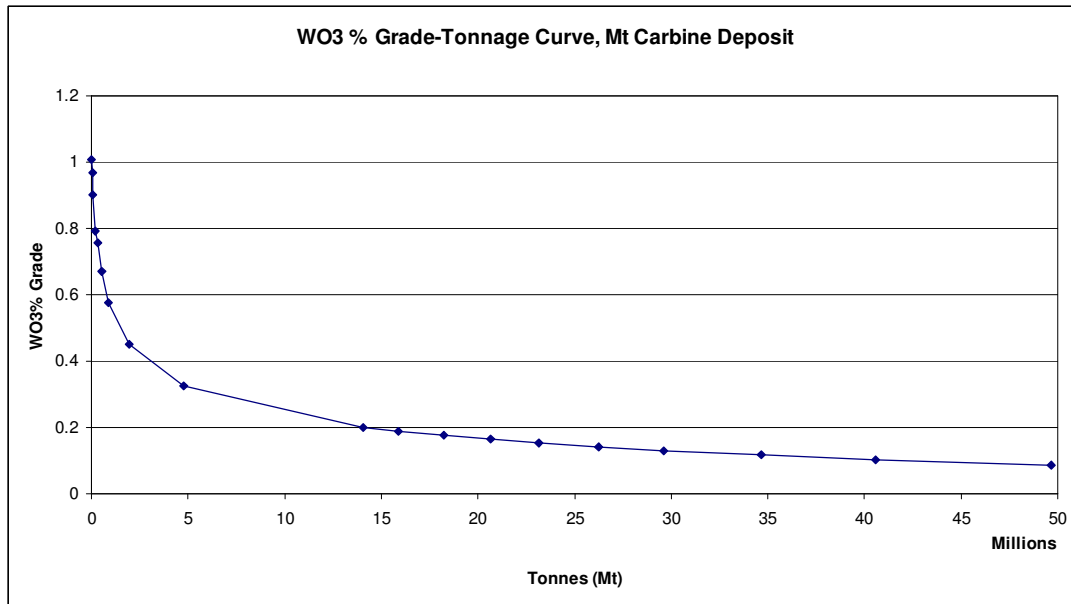
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### Mt Carbine Tungsten Project, N Qld (III: 100 %)

Geostat Services was recently commissioned to carry out some computer ('wireframe') geological modelling for Icon and has estimated an 'unclassified' tonnage for Mt Carbine using the existing core library of 8,222m from 39 drillholes. The result has been to increase the mineralisation from the present Inferred Resource of ~10Mt @ 0.2% WO<sub>3</sub> to an exploration target of 55-60Mt @ 0.07-0.09% WO<sub>3</sub> using uncut values. Applying a top-cut reduces the average grade by around 25%.



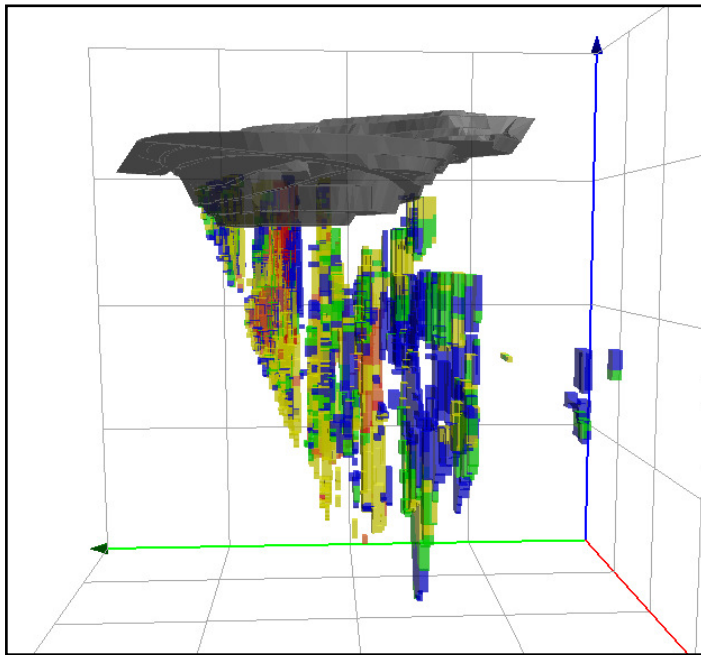
*Plot of Mt Carbine tonnage against average grade  
(data points are cut-off grades)*

The 'unclassified' category reflects the fact that some of the drilling is sparse and the WO<sub>3</sub> grades were visually estimated and there have been limited density measurements. However the tonnage is supported, for example, by the close comparison between Geostat's estimate of 13.1Mt of ore produced from the open pit and the 13.5Mt quoted by Forsythe & Higgins (AusIMM Monograph 14, 1990).

Images generated from the Mt Carbine geological model highlight the continuity of tungsten mineralisation beneath the previous open cut and the potential for an expanded resource (see below). Icon has now started the process of chemically assaying the existing core and making a representative suite of density measurements and this, together with a planned drilling campaign, will confirm and upgrade the result to a JORC-compliant resource.

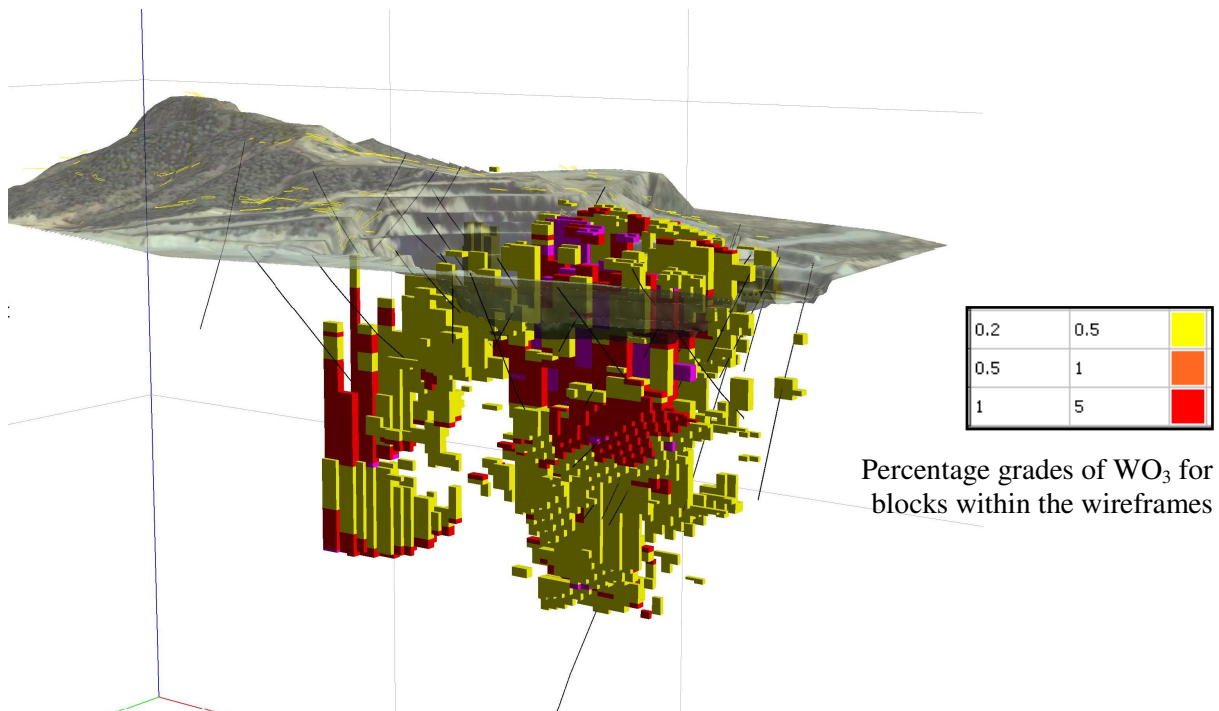
John Eltham of AJE Project Development Consultancy P/L has agreed to carry out a Scoping Study which will be used to advance the mining and processing options for Mt Carbine. This is expected to be delivered in late July.

As required under Clause 18 of the 2004 JORC Code (Reporting of Exploration Results), Icon includes the following statement regarding the Mt Carbine tonnage / grade estimate: *"The potential quantity and grade is conceptual in nature. There has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource"*. However, Icon is confident that the work programmes described above will result in the exploration target being converted to a mineral resource.



Percentage grades of  $\text{WO}_3$  for blocks within the wireframes

*View along strike of the post-mining exploration target at Mt Carbine which has been estimated in the range 55-60Mt. All blocks with an average grade above 0.1%  $\text{WO}_3$  have been included.*



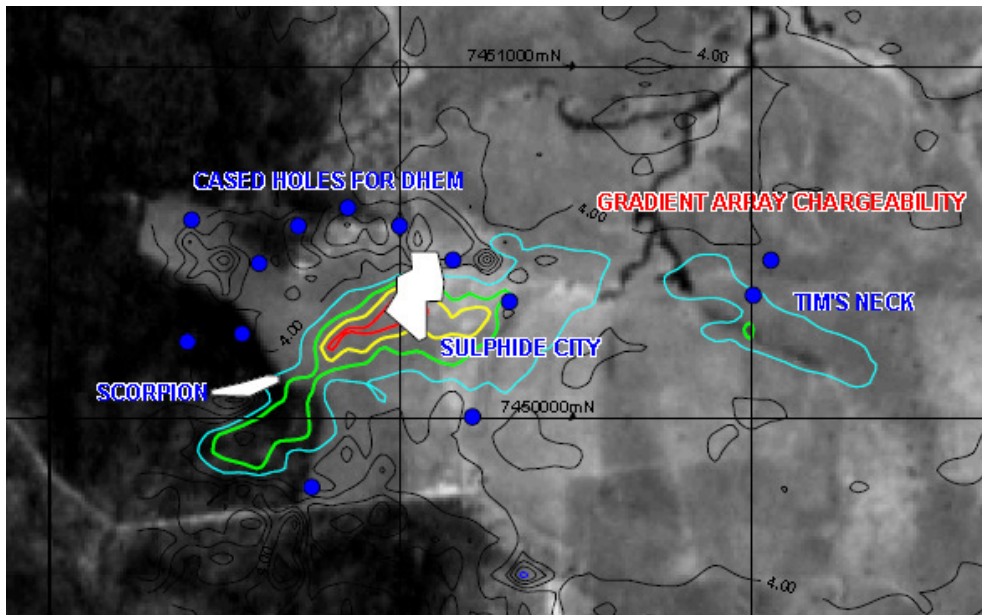
Percentage grades of  $\text{WO}_3$  for blocks within the wireframes

*Perspective view of blocks within the wireframes showing grades greater than 0.2%  $\text{WO}_3$  (plus existing drillholes). Old workings are shown as small yellow dots on the slopes of Carbine Hill to the north west of the open cut. Only one historic drillhole exists in this area and it intersected a 'blind' zone of mineralisation as well as the expected lodes.*

### Fitzroy, VMS Project, Central Qld, (III: 100%)

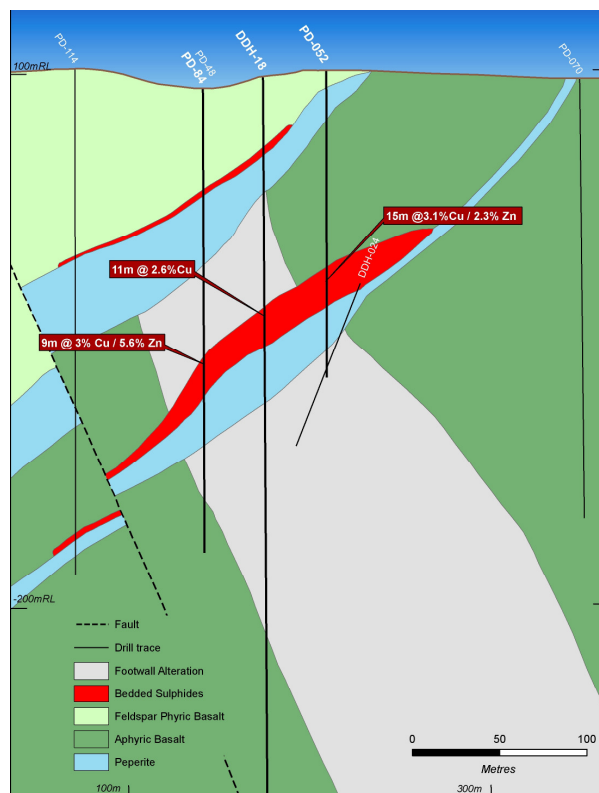
The Fitzroy project in east-central Qld is a polymetallic volcanogenic massive sulphide (VMS) deposit with an Inferred Resource of 1.75Mt @ 1.7% Cu + 2% Zn. The prospect was drilled by Queensland Metals Corporation and Outokumpu in the 1990's but was then largely ignored as other prospects were investigated within the host stratigraphy. Specifically, while most of the drillholes at Fitzroy were cased in preparation for geophysical downhole electromagnetic (DHEM) surveying, very few of the holes were actually surveyed.

A geophysical crew is presently testing the Fitzroy drillholes with a dummy probe prior to carrying out a DHEM survey to locate massive sulphide lenses not intersected by the drillholes.



Plan view of Fitzroy massive sulphide lenses (in white) with collars of cased holes (in blue). A survey is currently being undertaken to check that the holes are open for DHEM surveying.

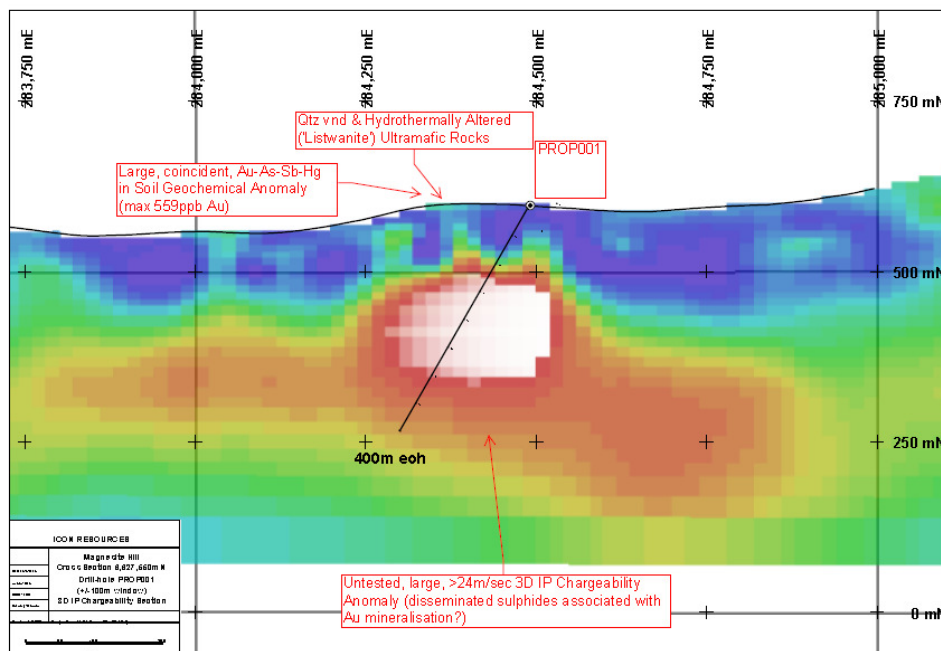
Cross-section view through the Sulphide City prospect at Fitzroy, showing the stacked, discrete nature of the massive sulphide lenses,



### Peel Fault Au Project, NE NSW (III: 100%)

Icon has a strategic holding along the Peel Fault where, based on similar geophysical signatures and alteration, the exploration model is the 130+ Moz Californian Motherlode. Icon has a number of targets along the Fault, but those at Crow King are the most advanced and an initial program of three holes covering ~250m of strike length is planned to test the following:

- A large (>100m x >1000m), coherent, Au-As-Sb-Hg soil geochemistry anomaly associated with an extensive belt of quartz veined, pervasive 'listwanite' (carbonate-quartz-fuchsite-chlorite-iron oxide/sulphide) altered, ultramafic rocks and carbonate ± talc ± pyrite altered lamprophyre intrusive dykes. Maximum soil values: 559ppb Au, 1,340ppm As, 1,655ppm Sb, 4,460ppb Hg.
- Open style dilational jog associated with a western curvature in the Peel Fault Zone (defined by a linear zone of deformed ultramafic rocks).
- A magnetic low in aeromagnetic data interpreted to be caused by magnetite destructive listwanite alteration.
- Buried, intense (>24msec) 3D IP chargeability anomalies postulated to be caused by disseminated sulphides associated with gold mineralisation.
- Discrete strong (>3500 ohm.m) 3D IP resistivity anomaly postulated to be caused by a silica rich alteration domain associated with gold mineralisation.
- Below previous shallow drilling which intersected low-grade Au mineralisation including 13m @ 0.79g/t Au from 15m in hole CMRC009 and 7.2m @ 0.57g/t Au from 94.8m in hole CMDDH001.



*Cross-section through one of the planned drillholes at the Magnesite Hill prospect at Crow King on the Peel Fault, NE NSW. A three-hole program is planned to test strong chargeability anomalies beneath well-defined Au-As-Sb-Hg soil geochemistry associated with a jog on the Peel Fault.*

*Information in this report that relates to Exploration Results is based on information compiled by Dr John Bishop, who is a member of the Australian Institute of Geoscientists. John is a full-time employee of Icon and has sufficient experience relevant to the styles of mineralisation and types of deposits under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Dr Bishop consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

*JORC compliant Inferred Resources at Mt Carbine (tungsten) are detailed in the renounceable Rights Issue Prospectus dated 5 June 2008 (pages 13-15). JORC compliant Inferred Resources at Fitzroy (copper-zinc) are detailed in an ASX announcement dated 27 November 2007.*