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19 April 2007

Company Announcements Office
Australian Stock Exchange Limited
Exchange Centre
Level 4, 20 Bridge Street
Sydney NSW 2000

Via electronic lodgement

Dear Sir/Madam,

Please find the following announcement for immediate release to the market. This announcement is made on behalf of the Bigrlyi Joint Venture partners being Energy Metals Limited with 53.3%, Valhalla Uranium Limited (a subsidiary of Paladin Resources Limited) with 41.7% and Southern Cross Exploration NL with 5%.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Lindsay Dudgefield'.

LINDSAY DUDFIELD
Executive Director.

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Via electronic lodgment

MAJOR DRILLING PROGRAM UNDERWAY AT BIGRLYI URANIUM PROJECT

Energy Metals wishes to advise that a major drilling program has commenced at its 53.3% owned Bigrlyi project, with one RC rig onsite and one diamond rig currently mobilising to site.

The Bigrlyi project is located in the Northern Territory approximately 390km northwest of Alice Springs and is a joint venture with Paladin Resources' subsidiary Valhalla Uranium (41.7%) and Southern Cross Exploration (5%). In March 2007 Energy Metals announced a 26% increase in uranium resources at Bigrlyi, based on 43 holes drilled in the December 2006 quarter (summarised below).

Indicated and Inferred Resources

Cut Off (% U ₃ O ₈)	Tonnes	U ₃ O ₈ (%)	V ₂ O ₅ (%)	U ₃ O ₈ (Kt)	V ₂ O ₅ (Kt)	U ₃ O ₈ (Mlb)	V ₂ O ₅ (Mlb)
0.10	2,430,000	0.21	0.20	5.00	4.95	11.0	10.9
0.05	4,530,000	0.14	0.16	6.50	7.41	14.3	16.3

The current drilling program comprises 262 holes (total 51,255m). Most of the holes will be drilled at Anomaly 4 (126 holes), Anomaly 3 (66 holes) and Anomaly 7 (35 holes) and are designed to both infill and extend existing shallow resources previously outlined at these prospects. A further 24 holes are proposed for Anomaly 15, with the balance of the holes to be drilled in the vicinity of Anomaly 2.

The 168 holes (64% of the proposed drilling) to be drilled outside of the current resource envelopes with this program are expected to result in a significant increase in the resource base at Bigrlyi. Initial downhole probe (eU₃O₈) results will be released as they become available.

A handwritten signature in black ink, appearing to read 'Lindsay Dudgefield'.

LINDSAY DUDFIELD
Executive Director.

The information in this report that relates to Uranium Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by D.L.Hughes, who is a member of the Australasian Institute of Mining and Metallurgy. Mr Hughes has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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'. Mr Hughes consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.