



ILUKA

Notice to the Australian Stock Exchange

21 July 2005

ANNOUNCEMENT OF RESOURCE EXTENSION AT ENEABBA

Iluka Resources Limited wishes to announce that it has delineated an extension to the Mineral Resources at its Eneabba Operations in Western Australia. The extension which has been named Adamson, comprises Measured, Indicated and Inferred Mineral Resources (refer to Table 1) and is located immediately adjacent to existing mining operations.

The Adamson Mineral Resource Estimate only relates to the southern portion of the deposit as the evaluation of the northern section is yet to be completed. The Measured Resources identified to date are comprised entirely of in-situ material and the Indicated and Inferred Resources are comprised entirely of mine tailings.

Table 1 - Adamson Mineral Resource Estimate (+2% HM cut-off)

Category	Material Tonnes (Millions)	HM Tonnes (Millions)	HM %	Clay %	Ilmenite %	Zircon %	Rutile %
Measured	14.5	0.7	5.2	17.4	46	20	7
Indicated	19.3	0.8	3.9	17.3	42	8	3
Inferred	2.0	0.2	7.9	16.4	45	22	6
Total	35.8	1.7	4.6	17.3	44	15	5

Notes on Table 1:

- HM represents Heavy Mineral (Grains with a specific gravity > 2.9).
- Clay is material smaller than 53 microns in size.
- Ilmenite, Zircon and Rutile are estimates of the percentage levels within the total in-situ Heavy Mineral tonnes based on laboratory results.
- Rounding of Material and HM tonnes may cause apparent differences in calculated percentages.

Industry standard reverse cycle air core drilling has been carried out over the Adamson deposit on a close spaced grid of 30 metres east by 50 metres north, with infill to 15 metres east where required. Sampling and assaying has been carried out at 1 metre down-hole intervals using standard company methods and laboratories. Mineralogical characterisation of the Adamson deposit has been carried out using standard company techniques.

The Mineral Resources contained herein have been compiled by Iluka staff and reviewed by Mr Greg Jones, a Member of the AusIMM, a full time employee of Iluka Resources Limited and a Competent Person as defined by Clause 10 of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code - 2004 Edition)".

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