

RIO TINTO PLC
Form 6-K
February 05, 2008

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**SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549
FORM 6-K
REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13A-16 OR 15D-16 OF
THE SECURITIES EXCHANGE ACT OF 1934
February 2008**

Commission File Number: 001-10533

Commission File Number: 000-20122

Rio Tinto plc

Rio Tinto Limited

ABN 96 004 458 404

(Translation of registrant's name into English)

(Translation of registrant's name into English)

**5 Aldermanbury Square,
London, EC2V 7HR, United Kingdom**

**120 Collins Street
Melbourne, Victoria 3000, Australia**

(Address of principal executive offices)

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:
Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T
Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T
Rule 101(b)(7):

Indicate by check mark whether the registrant by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-

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EXHIBITS

SIGNATURES

Exhibit 99.1

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EXHIBITS

99.1	5 February 2008	Press release announcing Rio Tinto's discovery of a coal resource of over 1 billion tonnes at Chapudi
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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrants have duly caused this report to be signed on their behalf by the undersigned, thereunto duly authorised.

Rio Tinto plc
(Registrant)

By /s/ Ben Mathews
Name
Ben Mathews
Title Secretary
Date 5 February 2008

Rio Tinto Limited
(Registrant)

By /s/ Ben Mathews
Name
Ben Mathews
Title Assistant Secretary
Date 5 February 2008