

RIO TINTO PLC
Form 6-K
September 02, 2010

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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
For the month of August 2010**

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)

2 Eastbourne Terrace

London, W2 6LG, United Kingdom

(Address of principal executive offices)

Level 33, 120 Collins Street

Melbourne, Victoria 3000, Australia

(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 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

- 99.1 2 August 2010 Investment:
Rio Tinto to invest US\$170 in next stage of Simandou project
- 99.2 3 August 2010 Investment:
Rio Tinto to invest additional US\$790 million in Pilbara
- 99.3 3 August 2010 Divestment:
Rio Tinto receives binding offer for 61% of Alcan Engineered Products
- 99.4 5 August 2010 Financial results:
Rio Tinto announces first half earnings
- 99.5 30 August 2010 Investment:
Rio Tinto approves US\$1.6 billion investment in Hope Downs 4 mine
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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 2 September 2010

Rio Tinto Limited
(Registrant)

By /s/ Ben Mathews

Name Ben Mathews
Title Assistant Secretary

2 September 2010