

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**

**Level 33, 120 Collins Street**

**London, W2 6LG, United Kingdom**

**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 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

EX-99.1

EX-99.2

EX-99.3

EX-99.4

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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