

RIO TINTO PLC  
Form 6-K  
February 10, 2012

**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 9 February 2012**

Commission file number: 001-10533

Commission file number: 001-34121

**Rio Tinto plc**

**Rio Tinto Limited**

(Translation of registrant's name into English)

**ABN 96 004 458 404**  
(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-

**EXHIBITS**

99.1 9 February 2012 Rio Tinto - Earnings release

**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 10 February 2012

**Rio Tinto Limited**  
(Registrant)

By /s/ Ben Mathews  
Name Ben Mathews  
Title Assistant Secretary

Date 10 February 2012