

RIO TINTO PLC  
Form 6-K  
October 01, 2014

**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 September 2014

Commission file number: 001-10533

Rio Tinto plc

(Translation of registrant's name into English)

2 Eastbourne Terrace  
London, W2 6LG, United Kingdom  
(Address of principal executive offices)

Commission file number: 001-34121

Rio Tinto Limited  
ABN 96 004 458 404

(Translation of registrant's name into English)

Level 33, 120 Collins Street  
Melbourne, Victoria 3000, Australia  
(Address of principal executive offices)

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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**

|                          |  |
|--------------------------|--|
| 99.123 September<br>2014 | Rio Tinto accelerates productivity drive with world-first technology to enhance mineral recovery |
|--------------------------|--|

**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/ Eleanor Evans

Name Eleanor Evans

Title Company Secretary

Date 1 October 2014

**Rio Tinto Limited**

(Registrant)

By /s/ Eleanor Evans

Name Eleanor Evans

Title Joint Company Secretary

1 October 2014