

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 2014	Rio Tinto accelerates productivity drive with world-first technology to enhance mineral recovery
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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/ 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