



UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

DIVISION OF
CORPORATION FINANCE

Mail Stop 3561

April 18, 2017

Via E-mail

Mark A. Smith
President and Chief Executive Officer
NioCorp Developments Ltd.
7000 South Yosemite Street, Suite 115
Centennial, Colorado 80112

**Re: NioCorp Developments Ltd.
Registration Statement on Form S-1
Filed April 12, 2017
File No. 333-217272**

Dear Mr. Smith:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Hillary Daniels at (202) 551-3959 with any questions.

Sincerely,

/s/ Pamela Howell
for

John Reynolds
Assistant Director
Office of Beverages, Apparel, and
Mining

cc: Jason K. Brenkert, Esq.
Dorsey & Whitney LLP