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CONSENT OF QUALIFIED PERSON

TO:

Ontario Securities Commission
British Columbia Securities Commission
Alberta Securities Commission
Financial and Consumer Services Commission (New Brunswick)
Financial and Consumer Affairs Authority (Saskatchewan)
Toronto Stock Exchange

I, Benjamin Parsons, MSc, MAusIMM, consent to the public filing of the technical report titled "NI 43-101 Technical Report, Updated Mineral Resource Estimate, Elk Creek Niobium Project, Nebraska" with an effective date of February 20, 2015 (the "**Technical Report**") by NioCorp Developments Ltd.

I also consent to any extracts from and/or a summary of the Technical Report in the February 23, 2015 news release of NioCorp Developments Ltd. titled "NioCorp updates Elk Creek Niobium Mineral Resource to include Titanium and Scandium - Scandium content is World Class", as well as the February 9, 2015 news release of NioCorp Developments Ltd. titled "NioCorp Updates Elk Creek Niobium Resource 187% Increase in Indicated Resource Tonnage 226% Increase in Indicated Nb2O5".

I certify that I have read the aforementioned news releases filed by NioCorp Developments Ltd. and that they fairly and accurately represent the information in the sections of the Technical Report for which I am responsible.

Dated this 19th day of March, 2015.

"Signed and Sealed"

_____

Benjamin Parsons, MSc, MAusIMM
Principal Consultant (Resource Geology)