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CERTIFICATE OF QUALIFIED PERSON

I, Benjamin Parsons, MSc, MAusIMM (CP) do hereby certify that:

1. I am a Principal Consultant (Resource Geology) of SRK Consulting (U.S.), Inc., 7175 W. Jefferson Ave, Suite 3000, Denver, CO, USA, 80235.
2. This certificate applies to the technical report titled "NI 43-101 Technical Report, Preliminary Economic Assessment, Elk Creek Niobium Project, Nebraska" with an Effective Date of April 28, 2015 (the "Technical Report").
3. I graduated with a degree in Exploration Geology from Cardiff University, UK in 1999. In addition, I have obtained a Masters degree (MSc) in Mineral Resources from Cardiff University, UK in 2000 and have worked as a geologist for a total of 15 years since my graduation from university. I am a member of the Australian Institution of Materials Mining and Metallurgy (Membership Number 222568) and I am a Chartered Professional.
4. I have read the definition of "qualified person" set out in National Instrument 43-101 (NI 43-101) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
5. I have not visited the Elk Creek property.
6. I am co-author of this report and responsible for the preparation of database and compilations of the geological model. I am responsible for Sections 4 to 11 (except 5.4.1) and portions of Sections 1, 25 and 26 summarized therefrom, of theTechnical Report.
7. I am independent of the issuer applying all of the tests in section 1.5 of NI 43-101.
8. I have had prior involvement with the property that is the subject of the Technical Report. The nature of my prior involvement was in the preparation of the report titled "NI 43-101 Technical Report, Updated Mineral Resource Estimate, Elk Creek Niobium Project, Nebraska," with an Effective Date of February 20, 2015, prepared for NioCorp Developments, Ltd.
9. I have read NI 43-101 and Form 43-101F1 and the sections of the Technical Report I am responsible for have been prepared in compliance with that instrument and form.
10. As of the aforementioned Effective Date, to the best of my knowledge, information and belief, the sections of the Technical Report I am responsible for contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Dated this 5th Day of May, 2015.

"Signed and Sealed"

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Benjamin Parsons, MSc, MAusIMM (CP)