
Date and Signature Page and Certificate of Qualification

Certificate of Qualified Person

I, Valdiney Domingos de Oliveira, M.Sc. Eng., MBA, CEng. do hereby certify that:

- a) I have earned the Bachelor degree in Chemical Engineering from “Universidade Federal de Uberlandia”, dipl. engineer in 2002. I have also earned the post-graduation degree in Metallurgical Engineering from Universidade Federal de Minas Gerais, Master in 2010. I am a member in good standing of the Chemical Engineering Council (CRQ MG) in Brazil, No. 02301646.
- b) I am in good standing professional registered member of the SME – Society for Mining, Metallurgy & Exploration, N.04220598 in Englewood, CO, US. I am also Professional Member in good standing with the status of Chartered Engineering (Professional Member) at the Engineering Council, under the registration N. 63074 in the Institute of Materials, Minerals and Mining (IOM3).
- c) I am member of the Canadian Institute of Mining, Metallurgy and Petroleum and also member of the Intelligence and Technology in Mining, N.18862.
- d) I am Director of Metallurgy and Engineering at Viridis.iQ GmbH, a German engineering, consulting and technology firm with unique expertise on every step of the silicon based value chain including metallurgical silicon, polysilicon, ingoting, wafering, solar cell and modules, whose place of business is located at Moltkestraße 2-4, Telekom Tower, 78467 Konstanz, Baden Württemberg, Germany.
- e) I am the qualified person for the preparation of Sections 17 and 18 of the technical report entitled “NI 43-101 Preliminary Economic Assessment on the Langis Silica Deposit and a Metallurgical Silicon Processing Plant in the Matapedia Region, Province of Québec, Canada” dated April 11, 2016.
- f) As Qualified Person of this report, I also revised the chapters 1 to 3, 16, 19 and 21 to 26 of the same report entitled “NI 43-101 Preliminary Economic Assessment on the Langis Silica Deposit and a Metallurgical Silicon Processing Plant in the Matapedia Region, Province of Québec, Canada” dated April 11, 2016, and confirm these chapters are under the norm standards as PEA NI 43-101, applicable disclaimer for specific observations in the review are presented in the sub-chapters 1.9.1 and 21.4.1 in the footnotes 2, 42 and 43.

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- g) From graduation until today, I worked for private companies in the field of Metallurgy of Silicon, project development in the Ferroalloys area and process design for the very same kind of industry related to this project. I also worked for Brazilian government, teaching classes for engineering and chemistry graduations and post-graduation in the field of Unit Operations, Clean Technologies and Industrial Processes, including laboratory classes.
 - h) I was not involved in previous exploration work on this property. I reviewed the historical data for the property and adjacent areas and discussed various issues related to the property. I did not visit the property.
 - i) I am independent of the issuer in accordance with Section 1.5 of National Instrument 43-101, Standards of Disclosure for Mineral Projects;
 - j) 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 background, past relevant work experience and affiliation with a professional association (as defined in NI 43-101 and mentioned in the Annex 1 of the Form NI 43-101F), I fulfill the requirements to be a qualified person for the purposes of NI 43-101.
 - k) As at April 18, 2016, to the best of my knowledge, information and belief, the Technical Report contains all the scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Signed this 18th day of April, 2016.



Valdiney Domingos de Oliveira
M.Sc. Dipl. Eng., MBA CEng.63074

