

CERTIFICATE OF AUTHOR

Norman Ralph Newson

I, Norman Ralph Newson, of 205- 3 Apple Street, Brockville, Ontario, do hereby certify as follows:

1. That his certificate applies to a report titled BacTech Environmental Corporation, NI43-1 01 Preliminary Economic Assessment Study for the Bactech Snow Lake Reclamation Project, Snow Lake, Manitoba, Canada, dated effective August 27, 2012.
2. That I am responsible for sections 4.0 to 12.0 inclusive and sections 14.0 and 15.0 of the report identified above, and that these sections have an effective date of July 20, 2011.
3. That I am a graduate geologist, with B.Sc. and M.Sc. degrees from Queen's University at Kingston, Ontario, received in 1964 and 1970 respectively. I have practised my profession continuously since receiving my undergraduate degree, except for the time spent on course and thesis work for my graduate degree.
4. That my qualifications to write a report of this nature derive not only from my academic qualifications, but from increasingly responsible positions in the mining industry, including senior management. I have used the resource estimation methods described herein to estimate reserves in producing mines. My consulting career includes giving advice on metal content of a tailings pond.
5. That I am a Member of the Association of Professional Engineers & Geoscientists of Saskatchewan (with Permission to Consult), a Licensee of the Association of Professional Engineers & Geoscientists of New Brunswick, and a Member of the Association of Professional Engineers & Geoscientists of Manitoba.
6. That I visited the property from May 11 to 13 inclusive, 2011.
7. That I am independent of BacTech Environmental Corporation as described in section 1.5 of the Instrument.
8. That I have had no prior involvement with the subject property of this report.
9. That I believe I am a "qualified person" as defined in the Instrument. I have read the Instrument, and believe that the report has been prepared in compliance with it and with Form 43-101 F1.
10. That, as of the effective date of this report, to the best of my knowledge, information and belief, this report contains all scientific and technical information that is required to be disclosed to make the report not misleading.

The effective date of the parts of this report for which I am responsible is July 20, 2011. Signed at Brockville, Ontario, October 10, 2012.

"N. Ralph Newson" {Signed and sealed}

N. Ralph Newson, M.Sc., P.Eng., P.Geo.