

CERTIFICATE OF QUALIFIED PERSON

I, Gordon Seibel, RM SME, am employed as a Principal Geologist with Amec Foster Wheeler E&C Services Inc.

This certificate applies to the technical report titled “Kakula 2016 Preliminary Economic Assessment” that has an effective date of 20 January, 2017 (the “technical report”).

I am a Registered Member of the Society for Mining, Metallurgy and Exploration (#2894840). I graduated from the University of Colorado with a Bachelor of Arts degree in Geology in 1980. In addition, I obtained a Masters of Science degree in Geology from Colorado State University in 1991.

I have practiced my profession for 34 years, during which time I have been directly involved in the development of resource models and mineral resource estimation for mineral projects in North America, South America, Africa, and Australia since 1991. I have previously estimated or audited Mineral Resources for sediment-hosted copper deposits, including Konkola North, Camrose, Lupoto, and Kakanda.

As a result of my experience and qualifications, I am a Qualified Person as defined in National Instrument 43–101 *Standards of Disclosure for Mineral Projects* (“NI 43–101”).

I visited the Kamoa–Kakula Project between the following dates: 9 to 10 February 2011, from 5 to 8 November 2011, from 12 to 14 November, 2012, and my most recent site visit was from 18 to 22 January 2016.

I am responsible for Sections 1.2, 1.5 to 1.9, 1.11, 1.14.2, 1.15.2; Section 2; Section 3; Section 6; Section 7; Section 8; Section 9; Sections 10.1 to 10.6, 10.10 to 10.12; Sections 11.1 to 11.2, 11.4 to 11.11; Section 12, Section 14; Section 25.2; Sections 26.3; Section 27 of the technical report.

I am independent of Ivanhoe Mines Ltd as independence is described by Section 1.5 of NI 43–101.

I have been involved with the Kamoa–Kakula Project since March 2009, and I have previously co-authored the following technical reports on the project:

- Peters, B.F, Parker, H.M., Seibel, G., Jakubek, J., Annavarapu, S., and David, D., 2012: Ivanplats Limited, Kamoa Project, Katanga Province, D.R.C., NI 43-101 Technical Report: technical report prepared for Ivanplats Limited by AMC Consultants Pty Ltd, AMEC E&C Services Inc., SRK Consulting Inc and Stantec Inc., effective date 5 September, 2012.
- Parker, H.M., Seibel, G., David, D., Peters, B., Jakubec, J., and Lawson, M., 2013: Ivanplats Limited, Kamoa Copper Project, Katanga Province, Democratic Republic of Congo, NI 43-101 Technical Report on Updated Mineral Resource Estimate: technical report prepared for Ivanplats Limited by AMEC E&C Services Inc., AMC Consultants Pty Ltd, SRK Consulting Inc and Stantec Inc., effective date 11 March, 2013.

- Peters, B., Parker, H., Seibel, G., Jakubec, J., Lawson, M., Weissenberger, A., and Marais, F., 2013: Kamoa 2013 Preliminary Economic Assessment, Kamoa Copper Project, Ivanhoe Mines Limited: technical report prepared for Ivanhoe Mines Limited by AMC Consultants Pty Ltd, AMEC E&C Services Inc, SRK Consulting Inc, Stantec Consulting International LLC, Hatch Ltd and Golder Associates Africa Pty Ltd., effective date 15 November, 2013.
- Peters, B., Parker, H., Seibel, G., Joughlin, W., and David, D., 2016: Kamoa 2016 Prefeasibility Study: technical report prepared for Ivanhoe Mines Limited by OreWin Pty Ltd, Amec Foster Wheeler E&C Services Inc, Amec Foster Wheeler Australia Pty Ltd, SRK Consulting (South Africa) Pty Ltd, and Stantec Consulting International LLC, effective date 29 March, 2016.
- Peters, B., Parker, H., Seibel, G., Joughlin, W., Edwards, J., 2016: Kamoa-Kakula 2016 Resource Technical Report: technical report prepared for Ivanhoe Mines Limited by OreWin Pty Ltd, Amec Foster Wheeler E&C Services Inc, SRK Consulting (South Africa) Pty Ltd, and MDM (Technical) Africa Pty Ltd, effective date 18 November, 2016.

I have read NI 43-101 and the sections of the technical report for which I am responsible have been prepared in compliance with that Instrument.

As of the effective date of the technical report, to the best of my knowledge, information and belief, the sections of the technical report for which I am responsible contain all scientific and technical information that is required to be disclosed to make those sections of the technical report not misleading.

Dated: 27 January 2017

"Signed and stamped"

Gordon Seibel, RM SME.