

Jeffrey Cassoff, P. Eng.
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CONSENT OF QUALIFIED PERSON

I, Jeffrey Cassoff, consent to the public filing of the technical report titled "Re-Scoped Preliminary Economic Assessment of the Kamistiatasset (Kami) Iron Ore Property, Labrador" with the effective date of February 28, 2017 (the "Technical Report") by Alderon Iron Ore Corp.

I also consent to any extracts from or a summary of the Technical Report in the News Release dated February 28, 2017 (the "News Release") of Alderon Iron Ore Corp.

I certify that I have read the News Release filed by Alderon Iron Ore Corp. and that it fairly and accurately represents the information in the sections of the Technical Report for which I am responsible.

Dated March 14, 2017

A handwritten signature in blue ink, appearing to read "J. Cassoff", is written over a horizontal line.

Jeffrey Cassoff, P. Eng.