

# Appendices

**Appendix A:** List of samples. Coordinates are recorded using NAD 83, in Zone 17T. Data available in 'Pilles - Appendices A to G.xlsx'.

**Appendix B:** Results of electron microprobe analyses of plagioclase. Acquired at McGill University using a JXA JEOL-8900L electron microprobe. Data available in 'Pilles - Appendices A to G.xlsx'. Names of the spot analyses reflect the original sample names. Refer to the 'Notes' column in Appendix A.

**Appendix C:** Results of electron microprobe analyses of sulfides. Acquired at Western University using a JXA-JEOL-8530F field-emission electron microprobe. Data available in 'Pilles - Appendices A to G.xlsx'.

**Appendix D:** Results of geochemical analyses. Acquired by ALS Minerals using ICP-MS, ICP-AES and Fire Assay. Data available in 'Pilles - Appendices A to G.xlsx'.

**Appendix E:** Location of transects made along the Foy and Hess Offset Dykes where clast orientation, lithology and abundance was recorded. Data available in 'Pilles - Appendices A to G.xlsx'.

**Appendix F:** Abundance and lithologies of clasts along the transects listed in Appendix G. Totals for each row reflect the number of clasts visible in a m<sup>2</sup> area. Data available in 'Pilles - Appendices A to G.xlsx'.

**Appendix G:** Long-axis orientation of clasts along the transects listed in Appendix I. Each square consists of a m<sup>2</sup> area. Data available in 'Pilles - Appendices A to G.xlsx'.

**Appendix H:** Photomicrographs. Data available in 'Pilles – Appendix H - photomirographs.zip'.

**Appendix I:** Backscatter electron images, EDS and WDS spot analyses, element maps. Acquired at Western University using a JXA-JEOL-8530F field-emission electron microprobe. Data available in 'Pilles - Appendix I – Microprobe images.zip'.

**Appendix J:** Trench maps produced during this study, at 1:50 scale. Clasts > 30 cm in diameter were mapped. Coordinates listed in UTM NAD83. Data available in 'Pilles – Appendix J – trench maps.pdf'.