

**Zibera, Green & Blundy**  
**Multiple-reaction geobarometry for olivine-bearing igneous rocks**  
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**Supplementary Material 8**

Description of xenoliths from Dominica, Lesser Antilles

**Table S7.** Description of the selected xenoliths from Dominica. Classification is based on Streckeisen (1976). Mineral phases in the assemblage are listed in order of decreasing modal abundance. See Supplementary Material 1 for mineral abbreviations.

Sample	Classification	Assemblage	Type	Description
DC90	Ol-gabbonorite	Pl+Cpx+Ol+Sp	Heteradcumulate	Medium grained (0.2–1.2 mm), with triple-junctions between crystals of ~120°. Cpx may contain occasional inclusions of Sp. Ol is partly iddingsitized. Pl cores sometimes contain melt inclusions.
DC91	Cpx-amph-gabbonorite	Pl+Hb+Cpx+Opx+Sp+Ol	Orthocumulate	Heterogranular. Large interlocking crystals (1–2 mm) of Pl, Hb and minor Cpx and groundmass of Pl, Cpx, Sp and Ol. Hb grains (some of which show poikilitic textures) variably contain inclusions of Cpx, Opx and Ol. Ol is rare and partly iddingsitized.
DC93a	Troctolite	Pl+Ol+Cpx+Sp	Adcumulate	Coarse-grained (2–4 mm) Pl interlocking with minor Ol. Interstitial space filled by Cpx, Pl, Ol and minor Sp. Ol is partly iddingsitized.
DC93b	Ol-gabbonorite	Pl+Cpx+Ol+Sp	Orthocumulate	Heterogranular. Large Cpx crystals (1–2 mm) rich in Sp inclusions, in a matrix of mostly equigranular Pl, Ol and Cpx. Ol is partly iddingsitized.