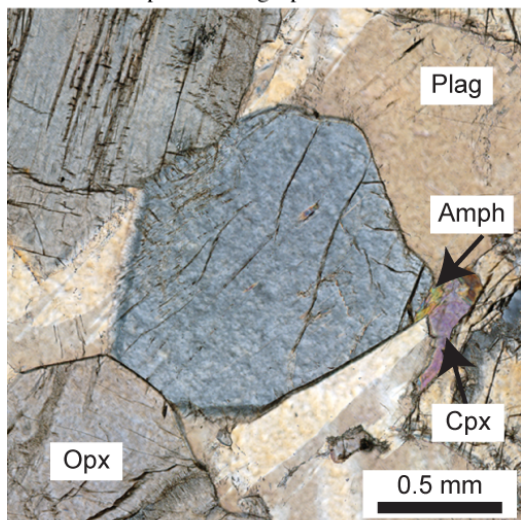
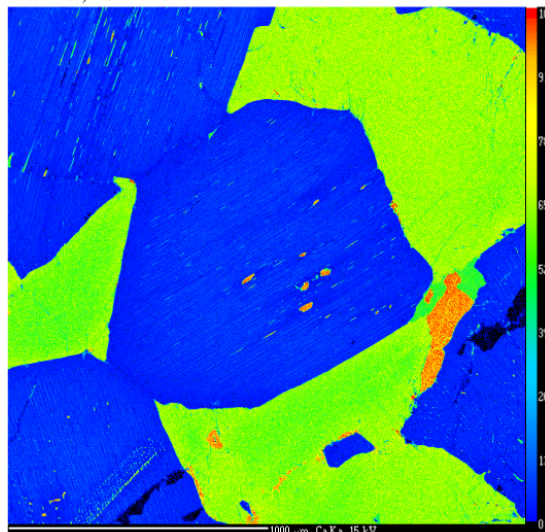


Sample EJH/15/068: Feldspathic Orthopyroxenite

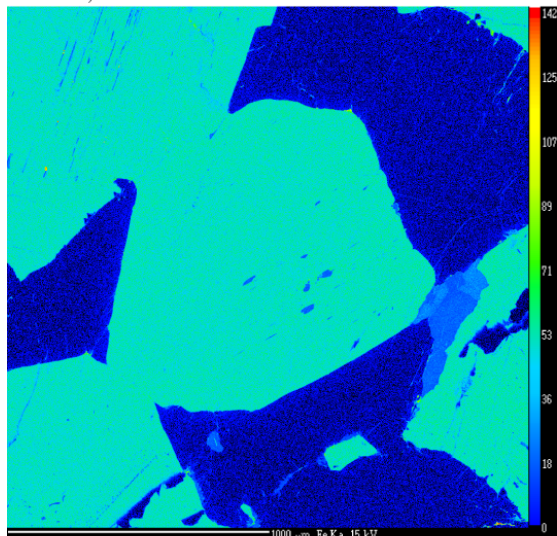
Thin section photomicrograph under DIC



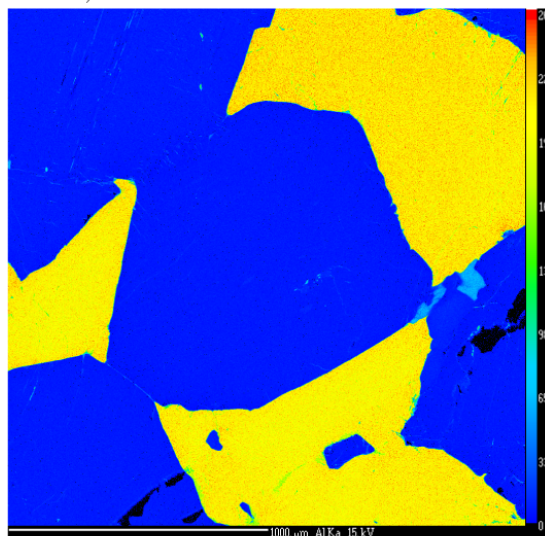
Ca K α , 15 kV



Fe K α , 15 kV



Al K α , 15 kV



Cr K α , 15 kV

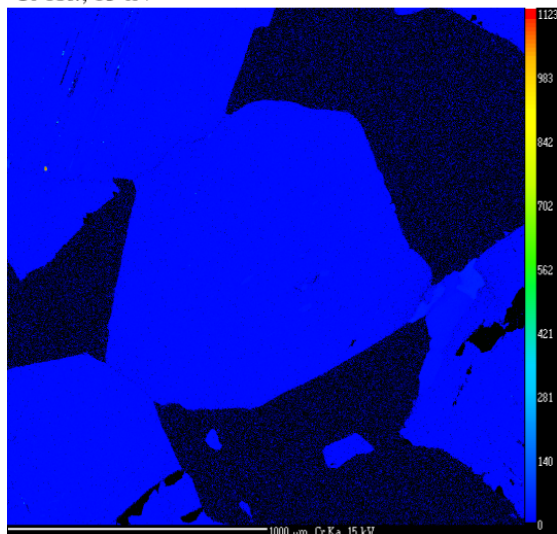
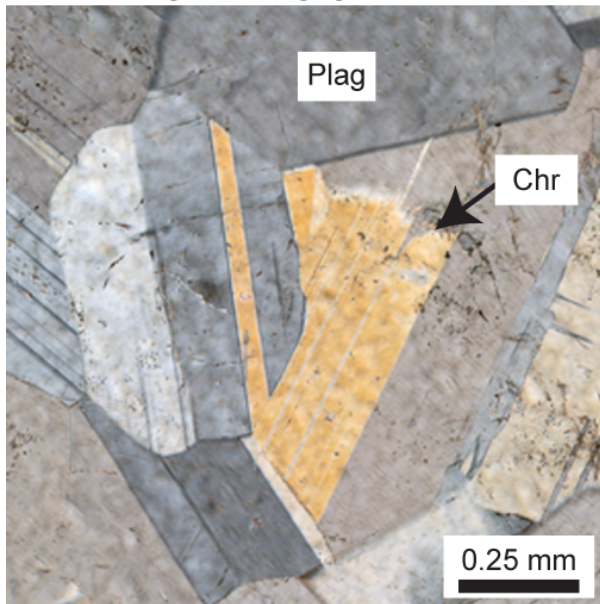


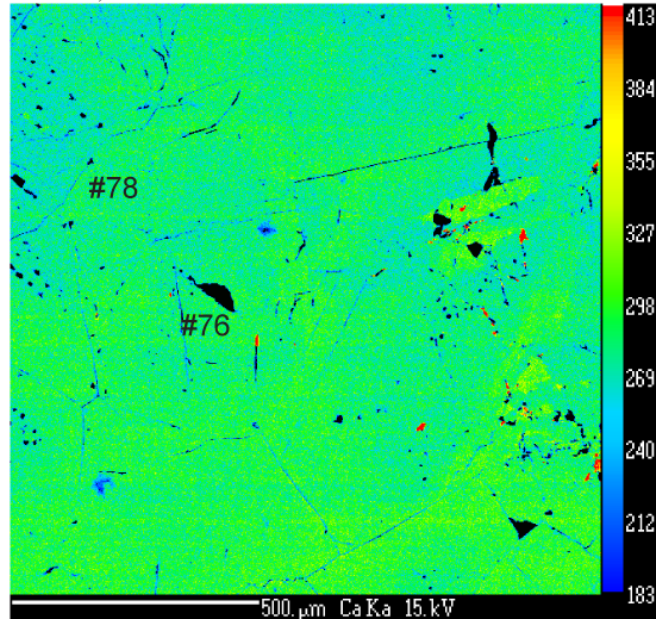
Figure S1: element maps for sample EJH/15/068, feldspathic orthopyroxenite with comparison photomicrograph of mapped area. DIC = differential interference contrast as an approximation of circularly polarised light.

Sample EJH/15/071: HW 1 Leuconorite groundmass

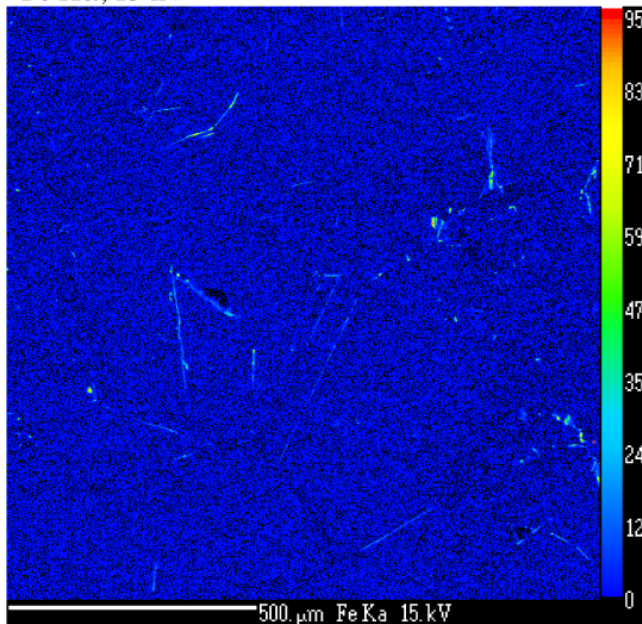
Thin section photomicrograph under DIC



Ca K α , 15 kV



Fe K α , 15 kV



Al K α , 15 kV

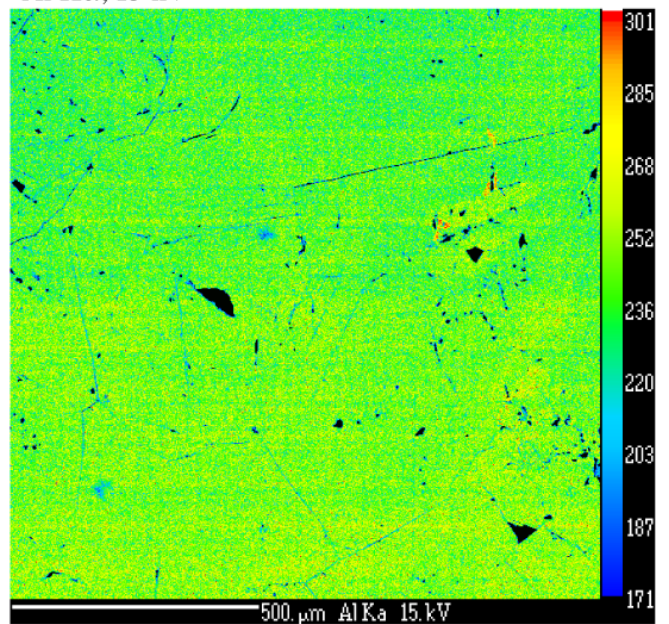
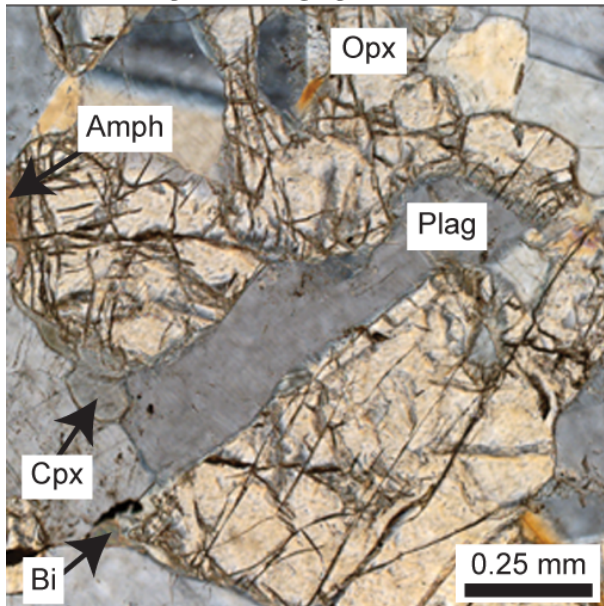


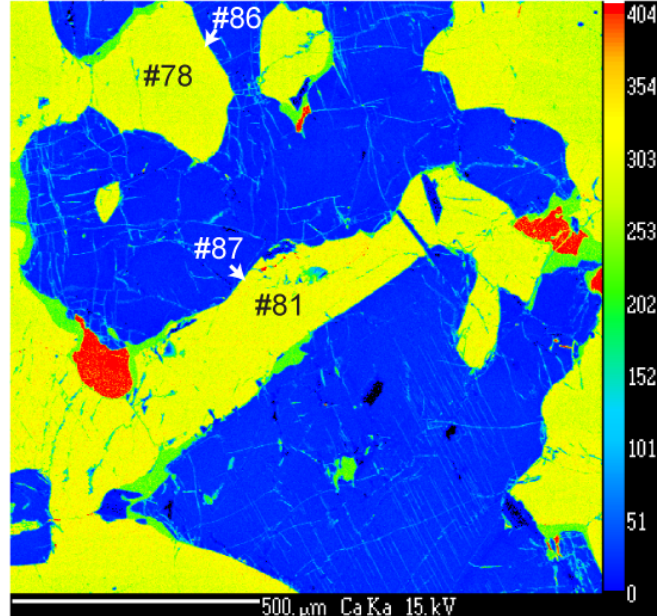
Figure S2: element maps for sample EJH/15/071, HW1 leuconorite groundmass with comparison photomicrograph of mapped area. Anorthite contents (#) measured through electronprobe microanalysis, data are located in Table S1 in the online supplementary materials. DIC = differential interference contrast as an approximation of circularly polarised light.

Sample EJH/15/071: HW 1 Leuconorite orthopyroxene

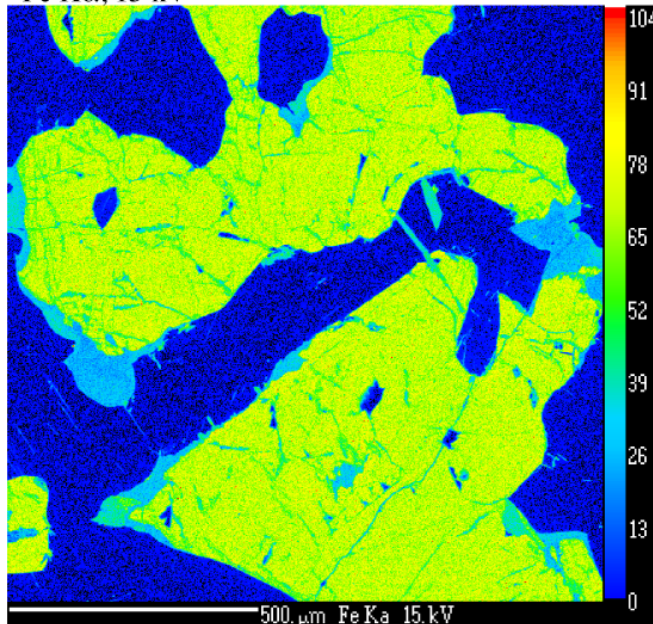
Thin section photomicrograph under DIC



Ca K α , 15 kV



Fe K α , 15 kV



Al K α , 15 kV

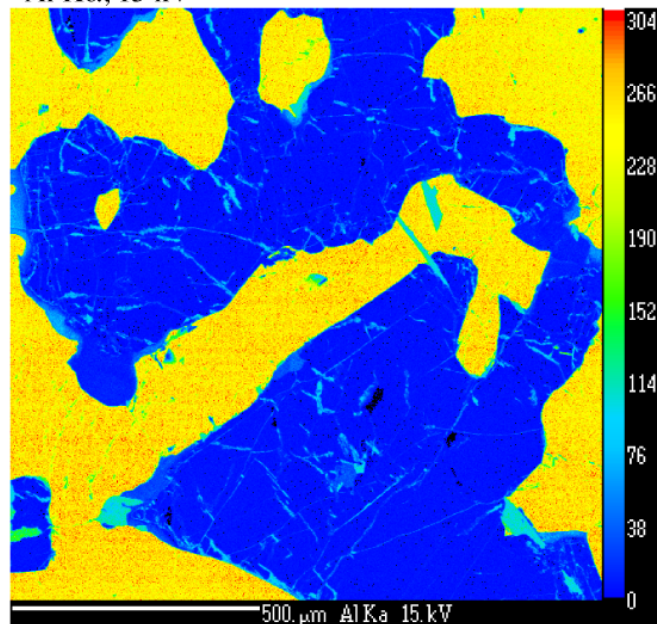
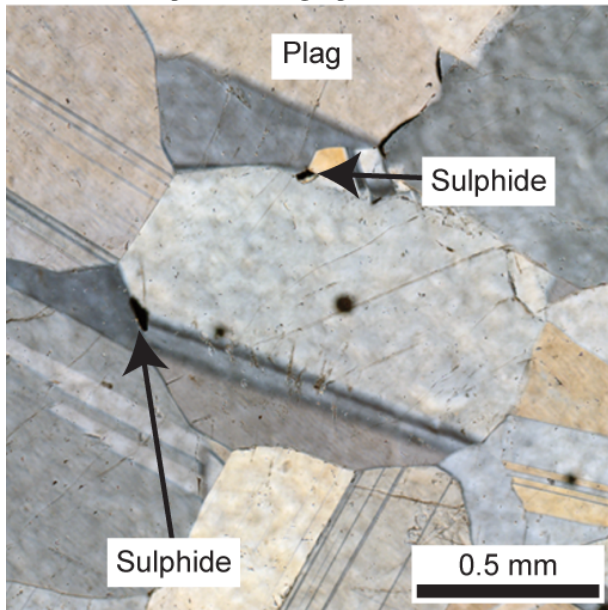


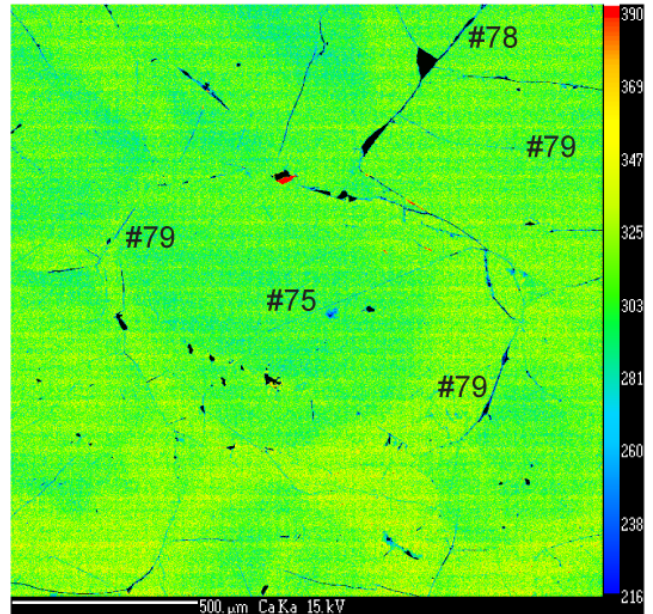
Figure S3: element maps for sample EJH/15/071, HW1 leuconorite orthopyroxene with comparison photomicrograph of mapped area. Anorthite contents (#) measured through electronprobe microanalysis, data are located in Table S1 in the online supplementary materials. DIC = differential interference contrast as an approximation of circularly polarised light.

Sample EJH/15/072: HW 2 Poikilitic Anorthosite groundmass

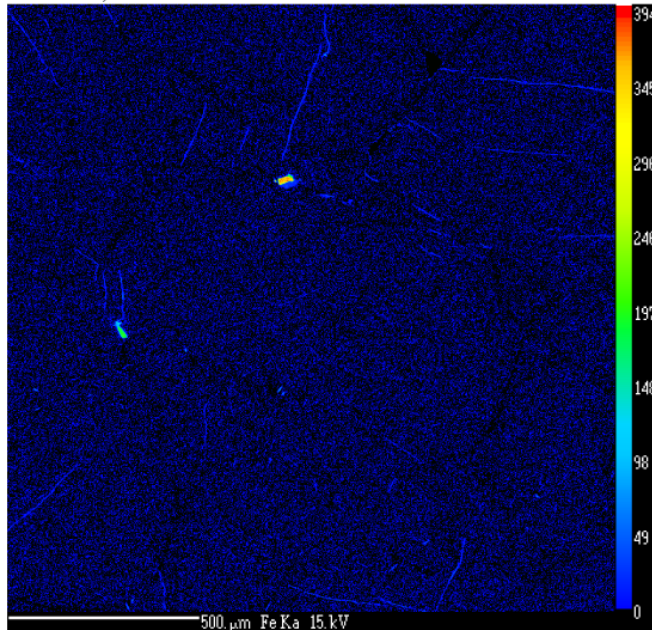
Thin section photomicrograph under DIC



Ca K α , 15 kV



Fe K α , 15 kV



Al K α , 15 kV

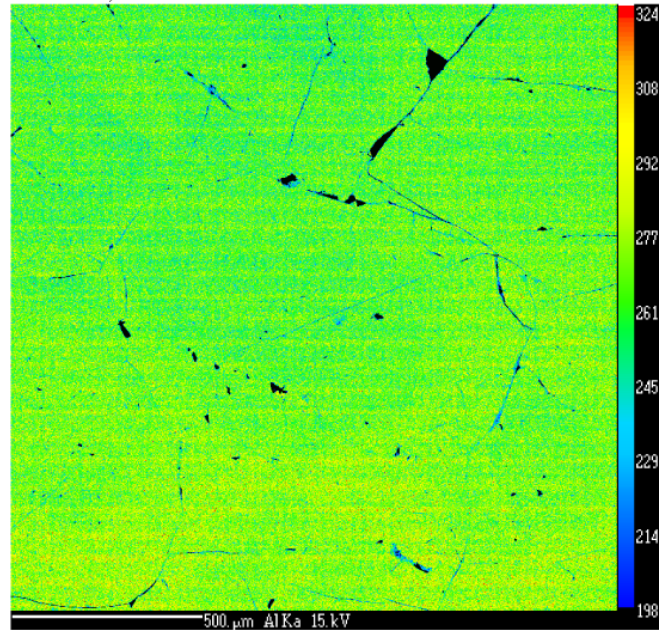
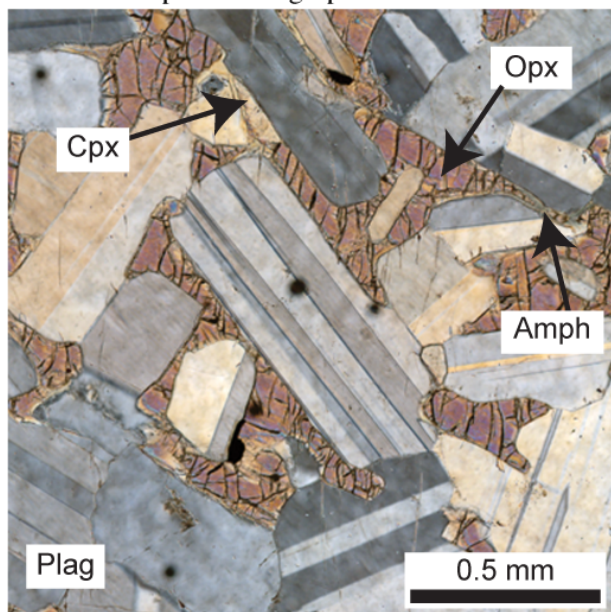


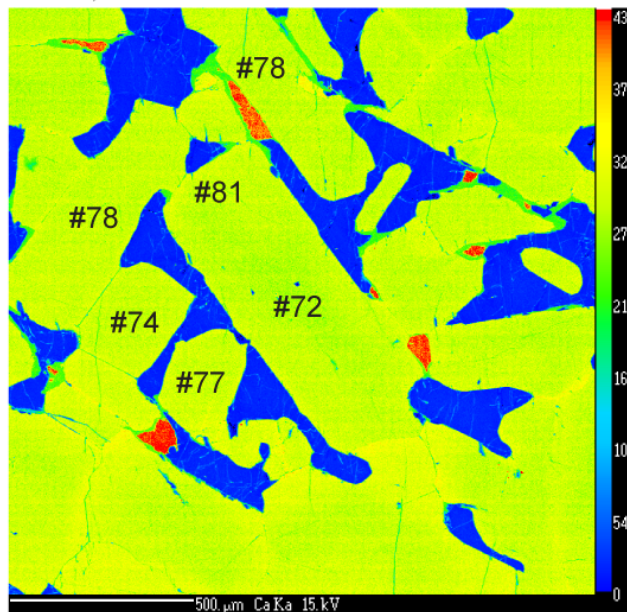
Figure S4: element maps for sample EJH/15/072, HW2 poikilitic anorthosite groundmass with comparison photomicrograph of mapped area. Anorthite contents (#) measured through electronprobe microanalysis, data are located in Table S1 in the online supplementary materials. DIC = differential interference contrast as an approximation of circularly polarised light.

Sample EJH/15/072: HW 2 Poikilitic Anorthosite oikocryst

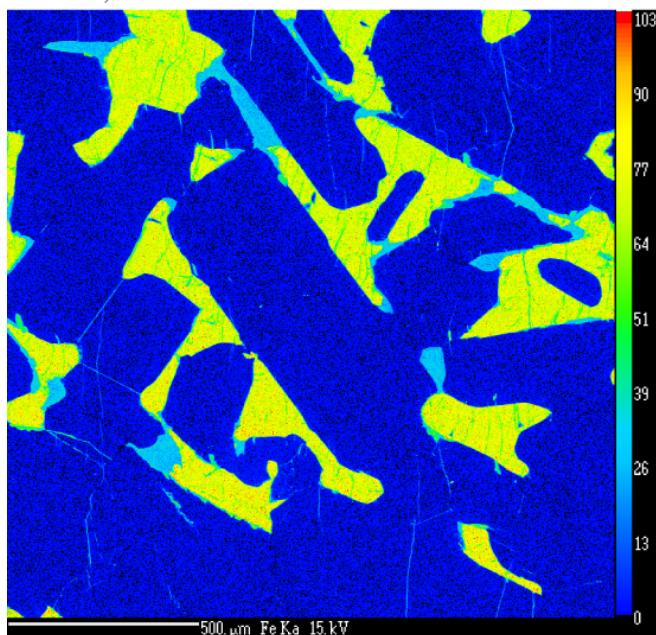
Thin section photomicrograph under DIC



Ca K α , 15 kV



Fe K α , 15 kV



Al K α , 15 kV

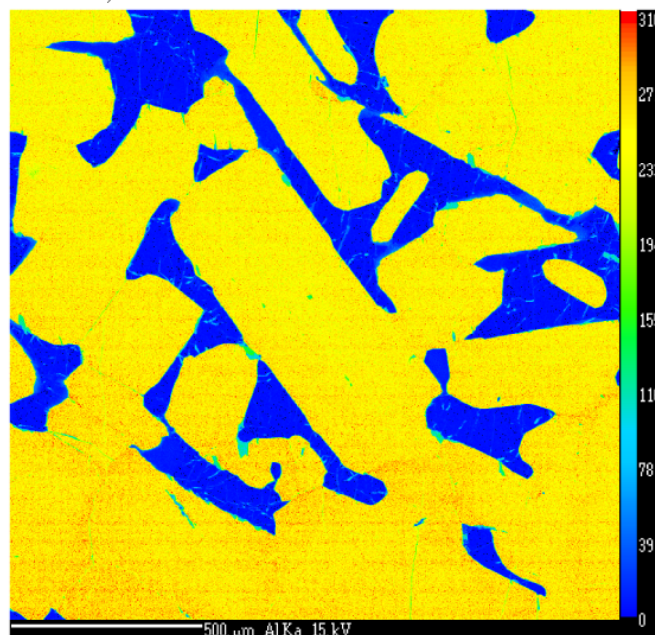


Figure S5: element maps for sample EJH/15/072, HW2 poikilitic anorthosite oikocryst with comparison photomicrograph of mapped area. Anorthite contents (#) measured through electronprobe microanalysis, data are located in Table S1 in the online supplementary materials. DIC = differential interference contrast as an approximation of circularly polarised light.