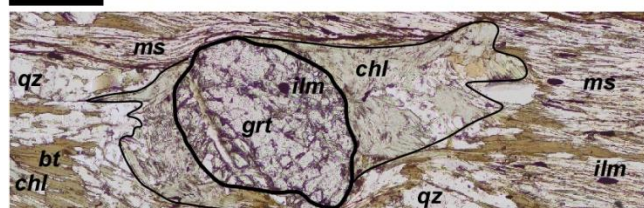
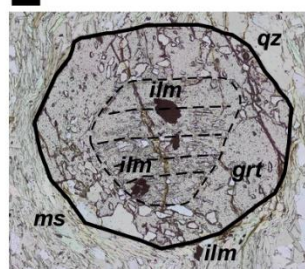


Figure S1. Geological map of the Himalayas after Yin (2006). Geological map of the Himalayas after Yin (2006). See Figure 2 for a cross-section through central Nepal and Figures 3-5 for the sample transect taken across the MCT shear zone along the Darondi Khola.

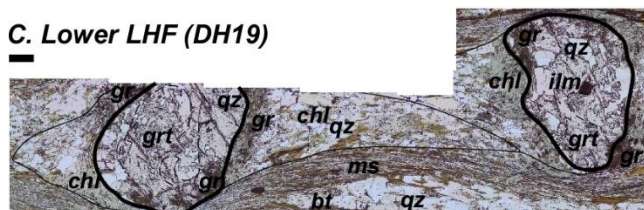
A. Lower LHF (DH17)



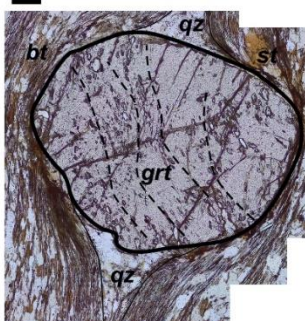
B. Mid-LHF DH30



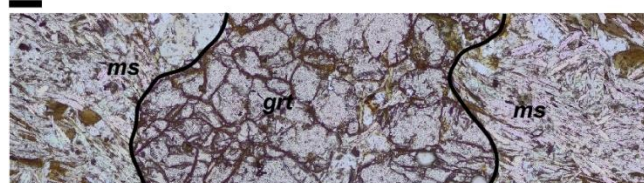
C. Lower LHF (DH19)



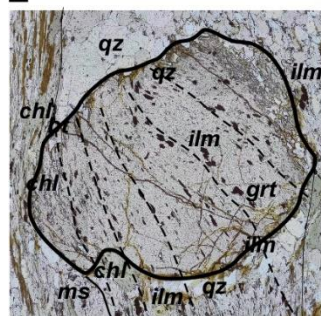
D. Mid-LHF (DH51)



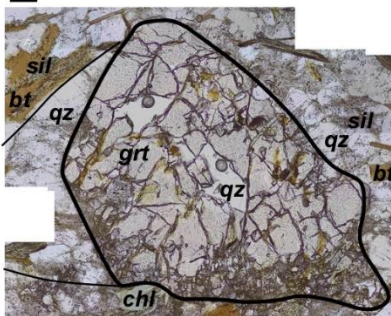
E. Mid-LHF (DH23)



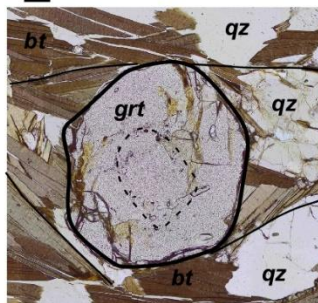
F. Mid-LHF DH75B



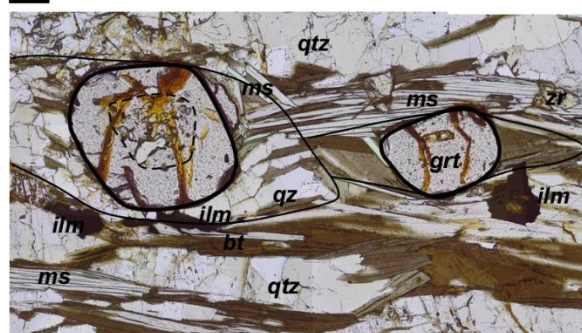
G. Upper LHF (DH58)



H. GHC (DH61)



I. GHC DH63



J. GHC DH67

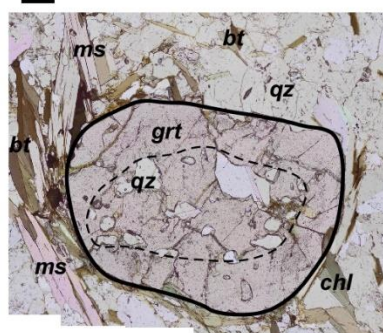


Figure S9. Selected petrographic (plane polarized light) images of samples along the Darondi Khola showing the relationship of the garnet porphyroblasts and rock textures. Garnets are outlined using bold lines. Pressure shadows and inclusion trails are indicated by lighter and dashed lines, respectively. Mineral abbreviations after Whitney and Evans (2010). Panels are labeled with sample number. The scale bar for each image is 200 μm . See Figures 4 and 5 for sample locations.