Figure 3.5 Xenolith of porphyritic granite (Jpg) in quartz monzodiorite porphyry (Jqmdp). Note dark, fine-grained "chilled" margin in Jqmdp (due to squeezing out of melt phase followed by more rapid crystallization? - see Weinberg, 2006, Geology, p. 305-308 for discussion of similar process applied to melt segragations). Looking north, scale in cm., east part of Luhr Hill.

Figure 3.6 Contact (arrows) between most felsic phase of quartz monzodiorite porphyry (most distant part) and intermediate phase (foreground). Note layering in intermediate phase subparallel to contact. Looking west, smaller scale graduations in cm., east part of Luhr Hill.