



Figure 3.7 Xenolith of more-mafic, finer-grained quartz monzodiorite porphyry with a large K-feldspar phenocryst in the intermediate phase quartz monzodiorite porphyry, eastern Luhr Hill. The smaller white phenocrysts in the host are plagioclase, but there are few of these in the xenolith. Note that the K-feldspar phenocryst in the xenolith is a Carlsbad twin; the right twin is bright because it is reflecting sunlight, but the left twin is not reflecting and is gray and difficult to see. Looking N70W, scale in cm.



Figure 3.8 Mafic phase quartz monzodiorite porphyry with abundant plagioclase phenocryst, and containing fine-grained mafic xenoliths with few phenocrysts, eastern Luhr Hill. Looking east, scale in cm.