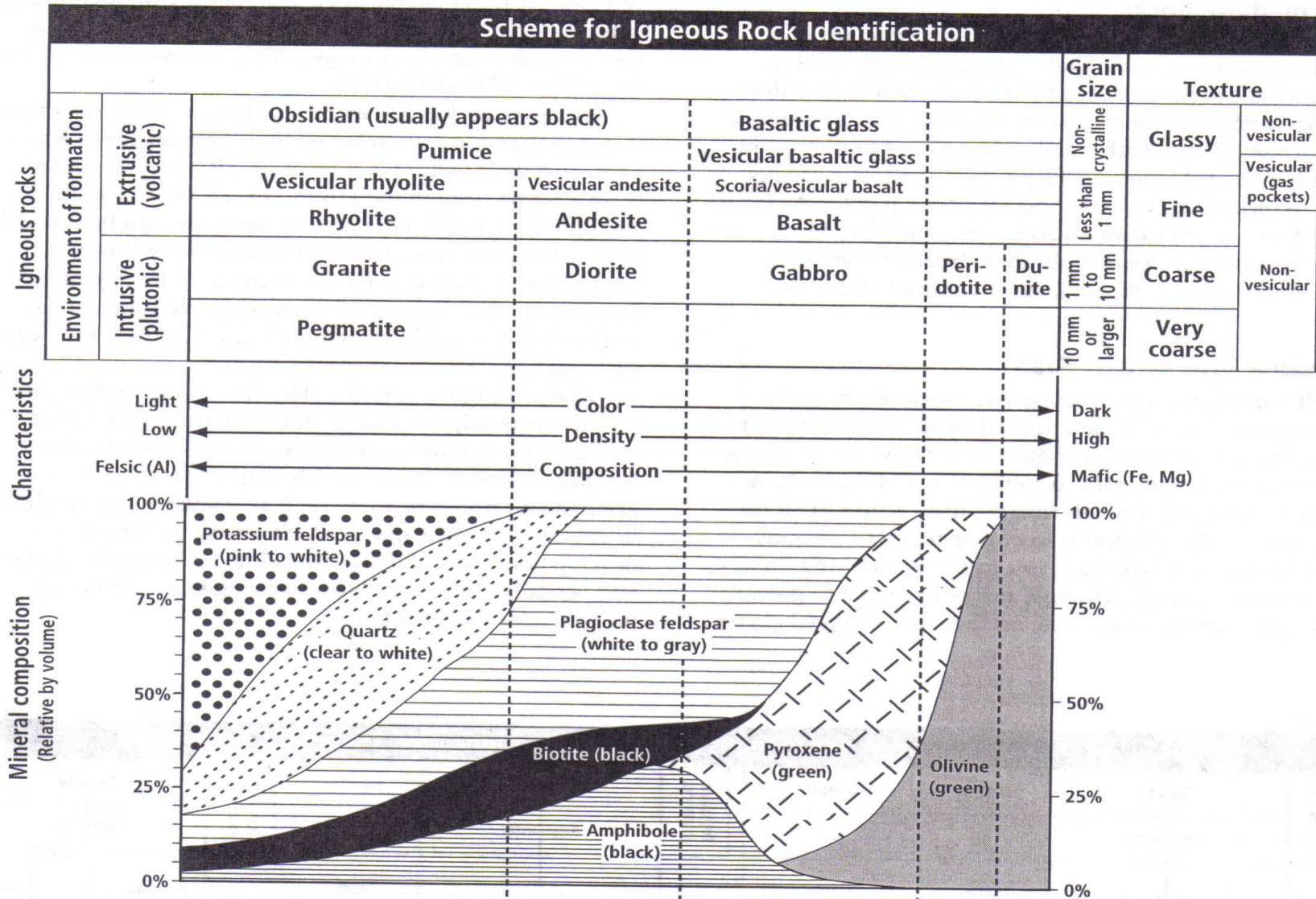
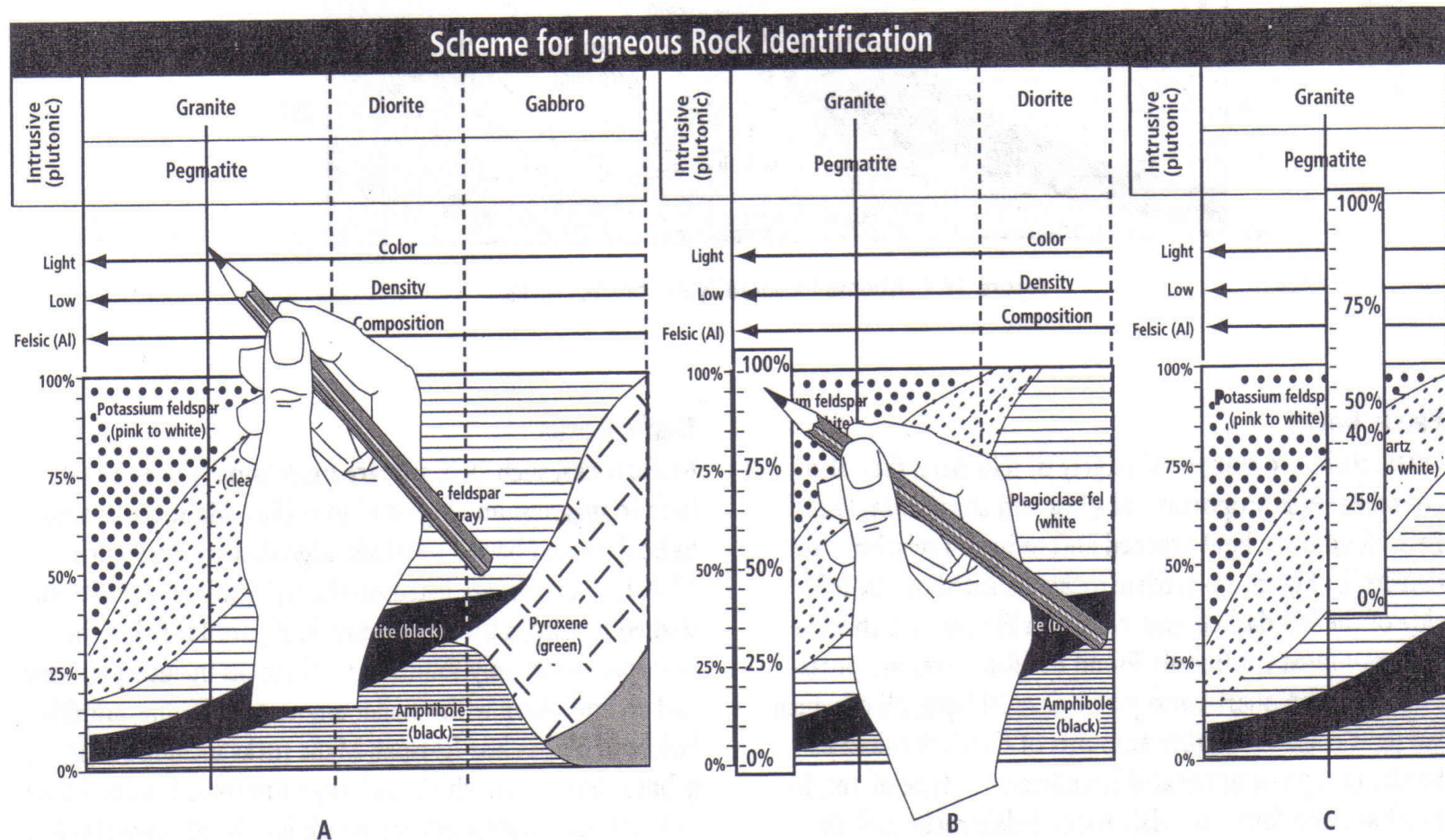


# IGNEOUS ROCKS



*Figure 11-1* Scheme for identifying igneous rocks.



**Figure 11-2** To estimate the percentage of quartz in a typical piece of granite, draw a vertical line from the center of "Granite" in the chart titled *Scheme for Igneous Rock Identification* in the *Earth Science Tables and Charts*. Extend the line to the bottom of the chart to the left side of the chart onto a strip of paper (B). Finally, position the strip of paper alongside the line you drew in the first step. The 0% mark on the strip should line up with the bottom of the stippled section representing quartz on the chart. The mark that lines up with the top of the stippled section (40%) indicates the percentage of quartz in granite.