

Figure 3. Photomicrograph of a zoned plagioclase feldspar phenocryst in a hypocrystalline trachyte porphyry from near the Hoover Dam, Arizona, thin section M-229B. White line shows the probe traverse, data point 0 is at the leftmost point on the white line. Crossed polarizers. 208X

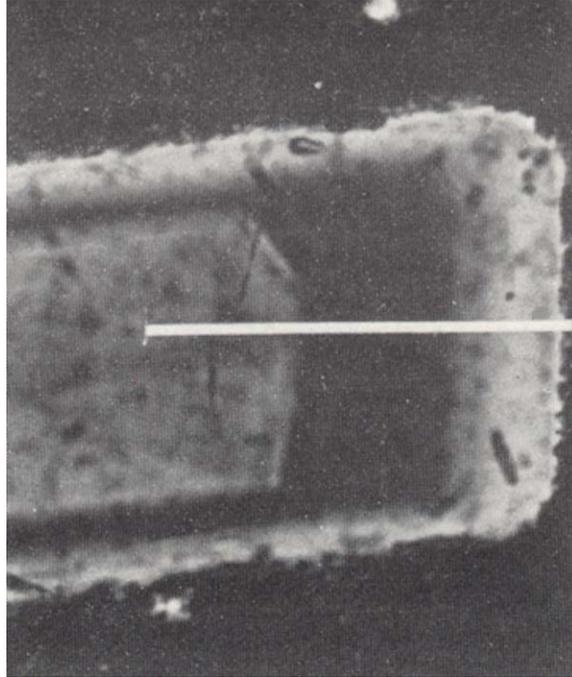


Figure 2. Photomicrograph of a zoned plagioclase feldspar phenocryst in a hypocrySTALLINE dacite porphyry from California showing the typical tabular plagioclase habit elongated parallel to the 'b' axis, $\{010\}$, thin section M-513. White line shows the probe traverse, data point 0 is at the leftmost point on the white line. Crossed polarizers. 180X.



Figure 4. Photomicrograph of a zoned plagioclase feldspar phenocryst in a hypocrytline basalt porphyry from Chile, thin section M-600. White lines show the probe traverses for T-1 and T-7. Data point 0 is at the leftmost and bottommost point on the white lines for T-1 and T-7, respectively. Crossed polarizers. 208X.

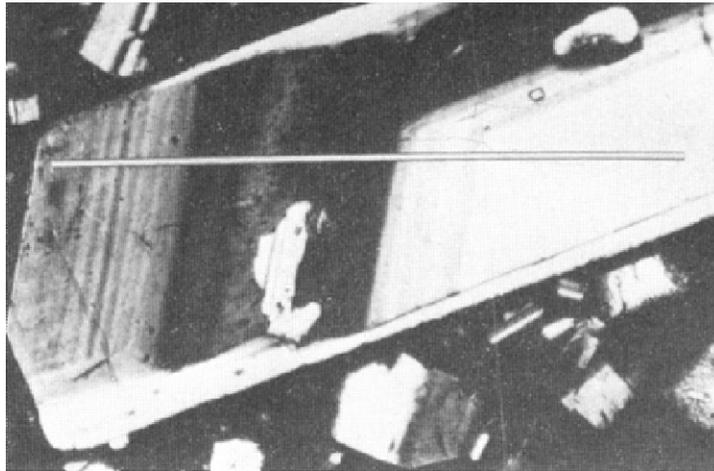


Figure 1. Photomicrograph of a zoned plagioclase feldspar phenocryst in a hypocrySTALLINE basalt porphyry from Pacaya Volcano, Guatemala, thin section M-714A. White line shows the probe traverse, data point 0 is at the rightmost point on the white line. Crossed polarizers. 160X.