STOP 6—FRENCH LAKE DAM

Transitional Quanah Granite intrusive into Glen Mountains Layered Complex, French Lake Dam. NW¼ sec. 20, T. 3 N., R. 14 W., Comanche County, Oklahoma. **M. C. Gilbert.**

Introduction

This stop is best approached by starting from the parking area for French Lake and taking the footpath around the southeastern side of the lake to the dam (fig. 137). Location W–917 is on the north side of West Cache Creek, which requires crossing the dam. At this location, clear evidence can be seen for intrusion of the Quanah Granite into the Glen Mountains Layered Complex (N Zone?) (fig. 138). The importance of these relations is to correct the interpretation of faulting previously held for these two units, as displayed on the State geologic map (Miser, 1954) and carried forward by Havens (1977). Gilbert (1978a, 1981a, 1982) recently discussed this revision.