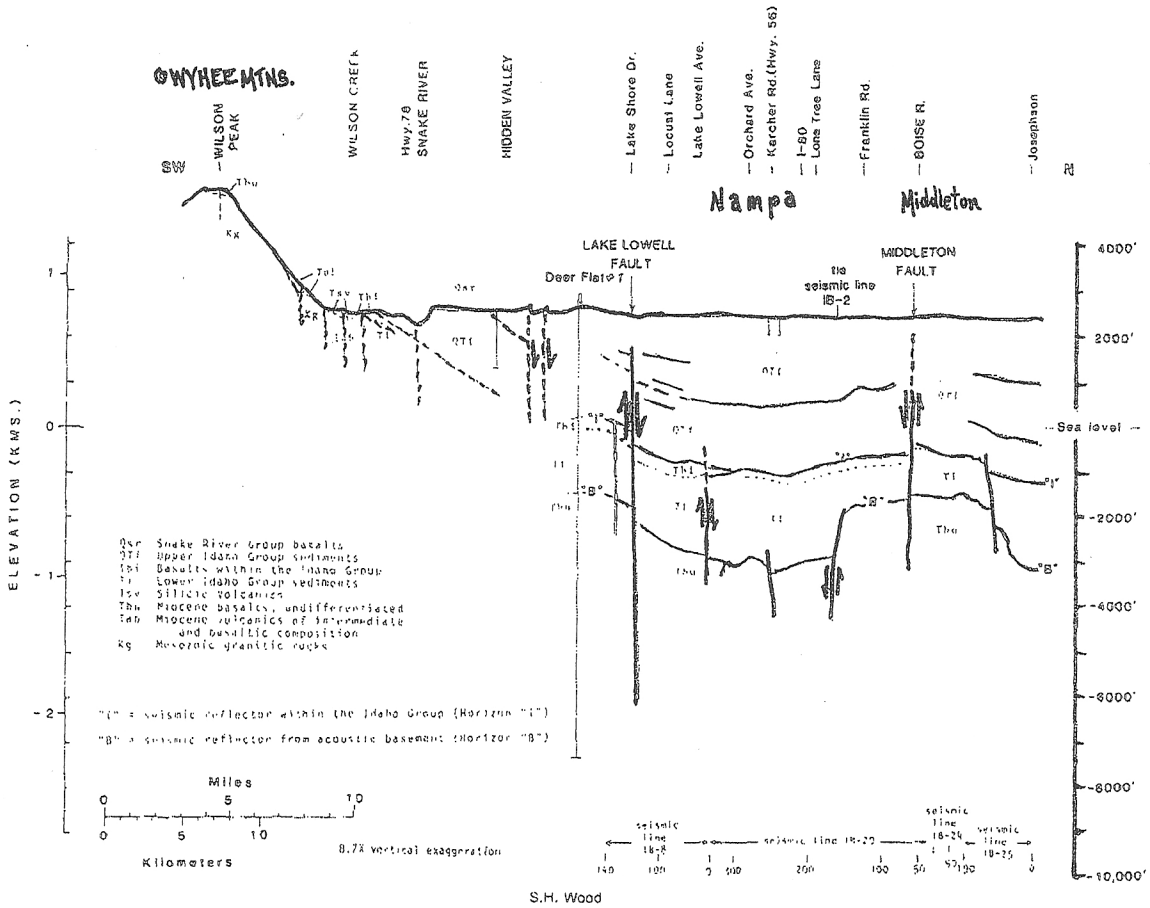

Structural cross-section prepared from seismic reflection profiles IB-25, IB-24, IB-29, and IB-8. Seismic line begins 5.5 mi north of Middleton and continues south along Cemetery Road to Middleton, IB-25, v.p. 1-190, and then west 1.6 km (1 mi) along Highway 44, IB-24, v.p. 75-25, and then south on Middleton Road to the edge of Lake Lowell, line IB 29, v.p. 25-134, and from the south city limits of Nampa south along Highway 45, line IB8 - v.p. 1-140. Continuation of section south to the Owyhee Mountains is based upon preliminary results from the Champlain Oil Deer Flat No. 1 well, unpublished geologic mapping by S.H. Wood, and from Ekren, McIntrye, and Bennett (1978). Location of section is shown on Figure 2-1.

FIGURE 2-5. North-south geologic cross-section along seismic-reflection lines IB-25, IB-29, and IB-8.

EVIDENCE OF FAULTS NEAR NAMPA, ID