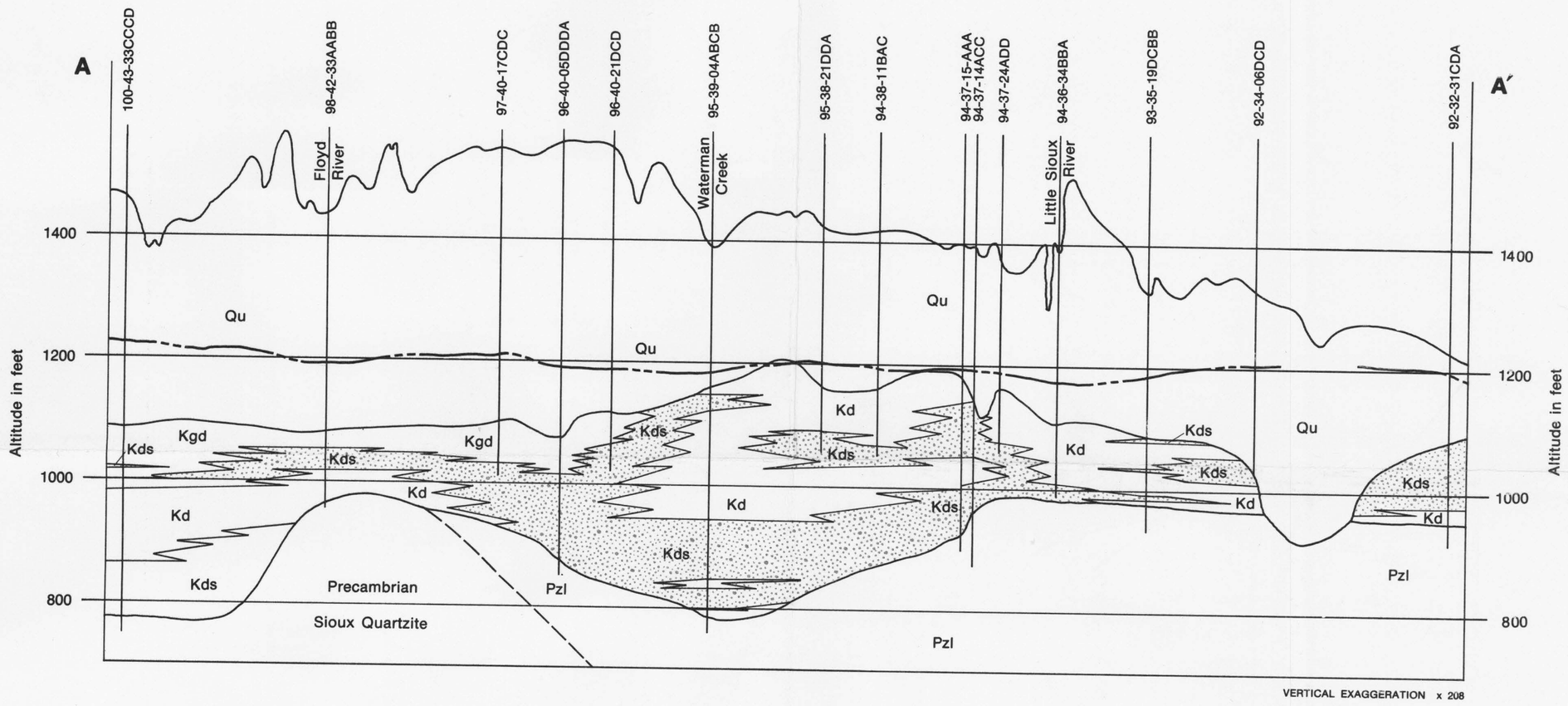

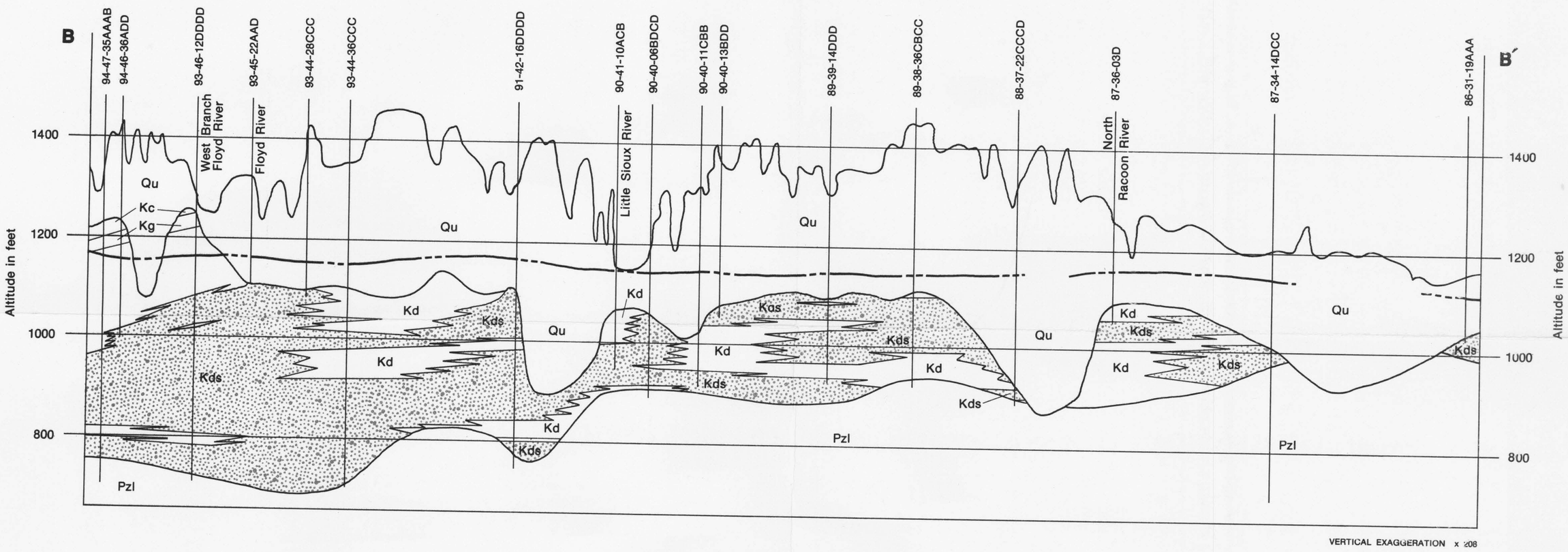

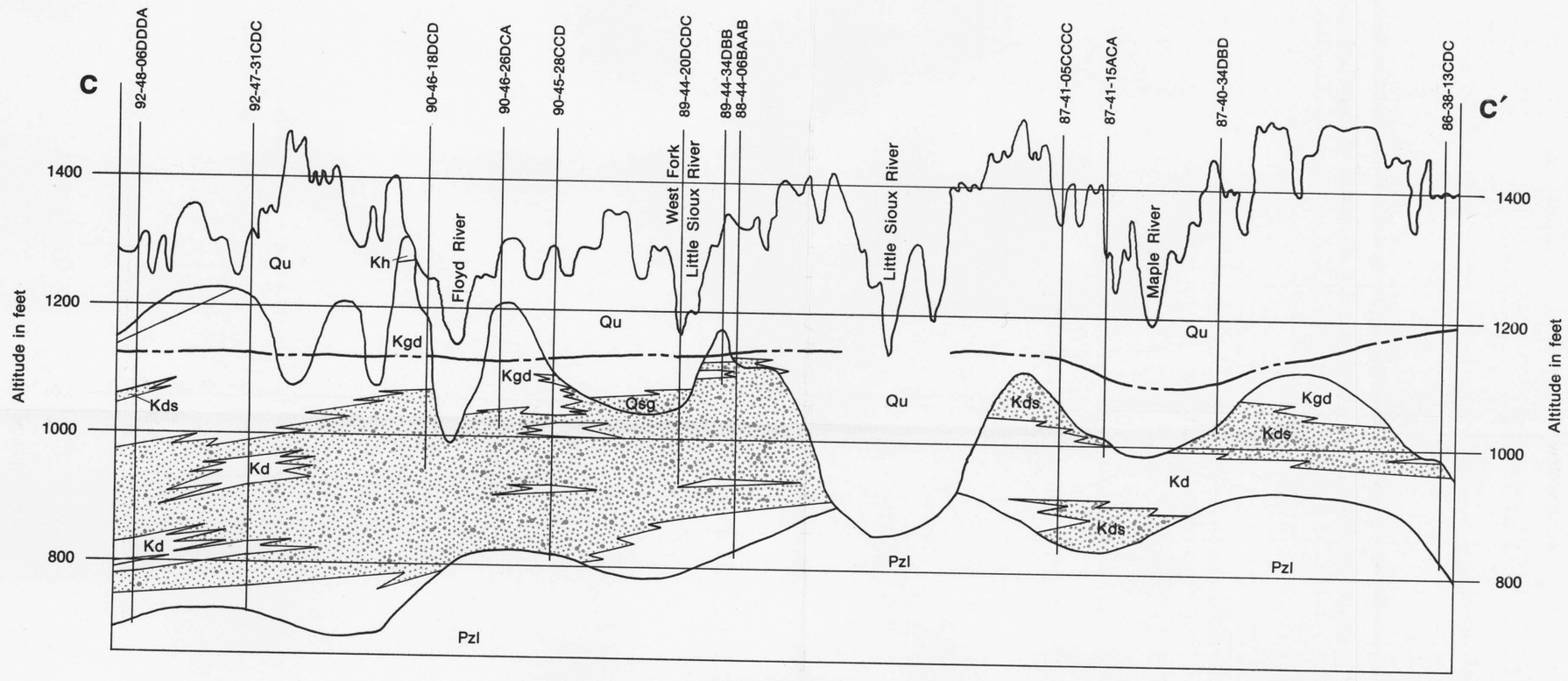

EXPLANATION

SYMBOL	MATERIAL		GEOLOGIC UNIT
Qsg	Sand and gravel		Quaternary
Qu	Undifferentiated deposits		Quaternary
Kc	Shale	Carlile Shale	Cretaceous
Kg	Limestone and Shale	Greenhorn Limestone	Cretaceous
Kgd	Shale	Graneros Shale and Dakota Formation Undifferentiated	Cretaceous
Kd	Shale	Dakota Formation	Cretaceous
Kds	Sandstone	Dakota Formation	Cretaceous
Pzl	Undifferentiated rocks		Paleozoic

Potientiometric profile of the Dakota aquifer

Sandstone, sand, and gravel comprising the Dakota aquifer

A — A′ Trace of section shown on plate 4 .

HORIZONTAL SCALE
0 5 10 15 20 MILES

NATIONAL GEODETIC VERTICAL DATUM OF 1929

GEOHYDROLOGIC SECTIONS THROUGH THE DAKOTA AQUIFER IN NORTHWEST IOWA