

Previously mapped surface geology of the hydrogeologic and geophysical study area, northeastern Bexar County, Texas, referred to as hydrogeologic units of the Edwards aquifer and upper part of the Glen Rose Limestone by Stein and Ozuna (1995).

Reinterpreted surface geology of the hydrogeologic and geophysical study area, northeastern Bexar County, Texas, showing members of Kainer and Person Formations equivalent to hydrostratigraphic units.



Photograph 1. Regional dense member (P1) in southern part of the study area, beds are dipping to south. Photograph taken looking west.



Photograph 3. Dripping springs (P3) near contact of the Glen Rose Limestone and the basal nodular member of the Kainer Formation. The spring is in the northern part of the study area. Photograph taken looking northeast.



Photograph 5. Vug and channel dissolution porosity in the massive dolomitic member (P5) in the northwestern part of the study area. Photograph taken looking north.



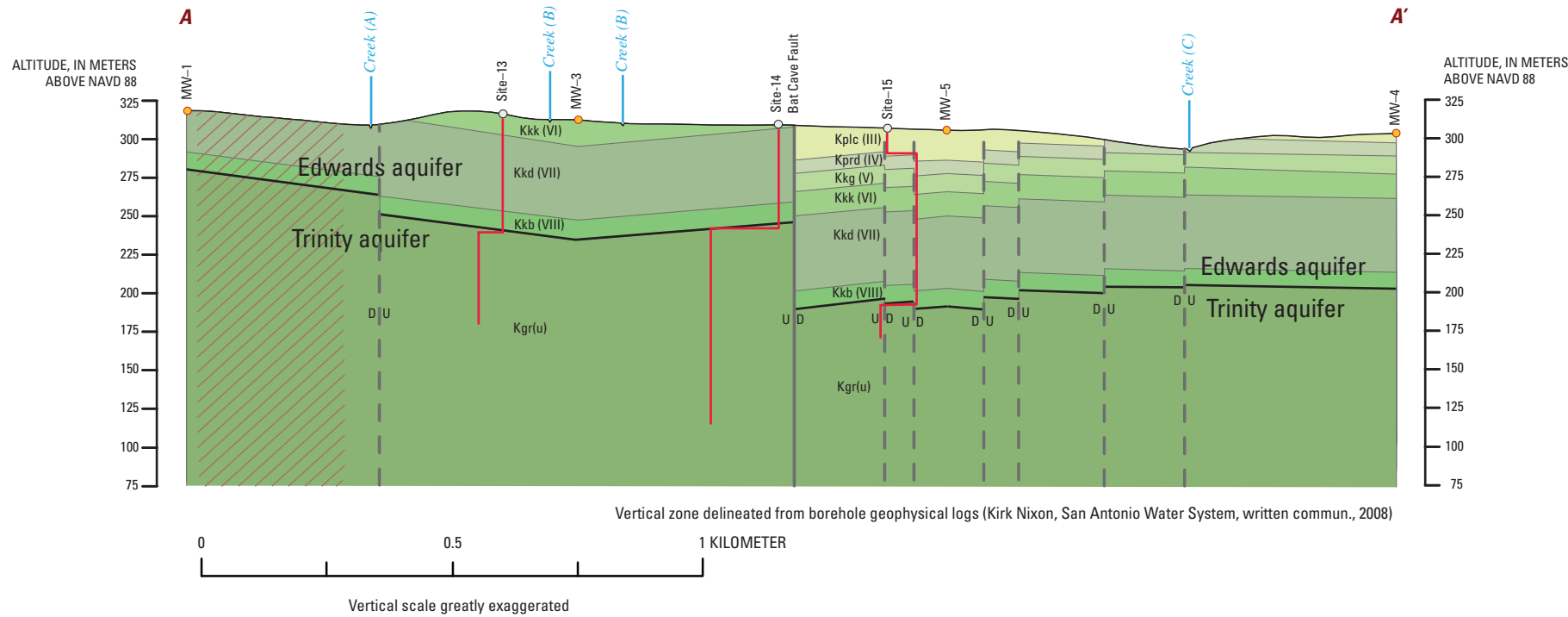
Photograph 2. Closed depression (P2) holding water in the leached and collapsed members (undivided) in southern part of the study area. Photograph taken looking southeast.



Photograph 4. Cross-bedded grainstone member (P4) located below the contact with the regional dense member in southern part of study area. Photograph taken looking south.



Photograph 6. Fracture porosity in the massive dolomitic member (P6) in the central part of the study area. Photograph taken looking northeast. Note solution-enlarged joints.



Geologic (hydrostratigraphic) section A-A', hydrogeologic and geophysical study area, northeastern Bexar County, Texas.

EXPLANATION		Hydrostratigraphic zone
EDWARDS AQUIFER	Kpcm	CYCLIC AND MARINE MEMBERS, UNDIVIDED II
	Kplc	LEACHED AND COLLAPSED MEMBERS, UNDIVIDED III
	Kprd	REGIONAL DENSE MEMBER IV
	Kkg	GRAINSTONE MEMBER V
	Kkk	KIRSCHBERG EVAPORITE MEMBER VI
PERSON FORMATION	Kkd	DOLOMITIC MEMBER VII
	Kkb	BASAL NODULAR MEMBER VIII
KAINER FORMATION	Kgr(u)	UPPER MEMBER OF GLEN ROSE LIMESTONE (LOWER CONFINING UNIT)
TRINITY AQUIFER		
GLEN ROSE LIMESTONE		
AREA OF INTENSE FRACTURING—Determined by hydrogeologic mapping		
FAULT—Dashed where inferred (determined by this investigation) U, upthrown; D, downthrown		
TOPOGRAPHIC CONTOUR—Shows altitude of land surface. Contour interval 10 meters. Datum is NAVD 88		
SECTION TRANSECT		
MONITORING WELL AND IDENTIFIER		
TIME-DOMAIN ELECTROMAGNETIC SOUNDING AND IDENTIFIER—Inflection indicates substantial change in resistivity		
KARST FEATURE—Sinkhole		
POSSIBLE KARST FEATURE—Locations are approximate (based on geophysical survey data)		
LOCATION OF PHOTOGRAPH AND IDENTIFIER		