

Table S1. Summary of hydrogeologic parameters for hydrogeological units 1 and 2 described in Table 1.

SOURCE	Upper Aquitard		Upper Aquifer		
	K' (m/s)	Ss (m ⁻¹)	K (m/s)	T (m ² /s)	Ss (m ⁻¹)
Zeevaert (1953)	1.3×10^{-10}	2.7×10^{-3}			
Marsal and Mazari (1959)	1×10^{-9} to 1×10^{-8}	1×10^{-2} to 1×10^{-6}			
Mesri et al. (1975)	1×10^{-10}	2.9×10^{-3}			
Herrera et al. (1974)	5.3×10^{-9} to 1.6×10^{-10}		9×10^{-5}	7.3×10^{-4}	0.9×10^{-4}
Juarez-Badillo (1975, 1983)	3.3×10^{-10}	1.96×10^{-3}			
Tlalli Lab. (1983)	3.8×10^{-10}	4.3×10^{-3}			
Cruickshank (1982)	2.0×10^{-8}			5×10^{-3} to 0.4	
Ortega and Farvolden (1989)	1.0×10^{-8}		1×10^{-2} to 1×10^{-6}		
Herrera et al. (1989)	5.0×10^{-9} to 2.0×10^{-8}			3×10^{-3} to 4×10^{-2}	2×10^{-6} to 1×10^{-5}
Rudolph et al. (1989)	6.0×10^{-9}				5.3×10^{-3}
Lesser y Asoc (1985)				1×10^{-3} to 0.1	
Rivera (1990)	1.5×10^{-8}			1×10^{-3} to 1×10^{-2}	1×10^{-4} to 1×10^{-3} confined part, 0.1 to 0.2 unconfined part

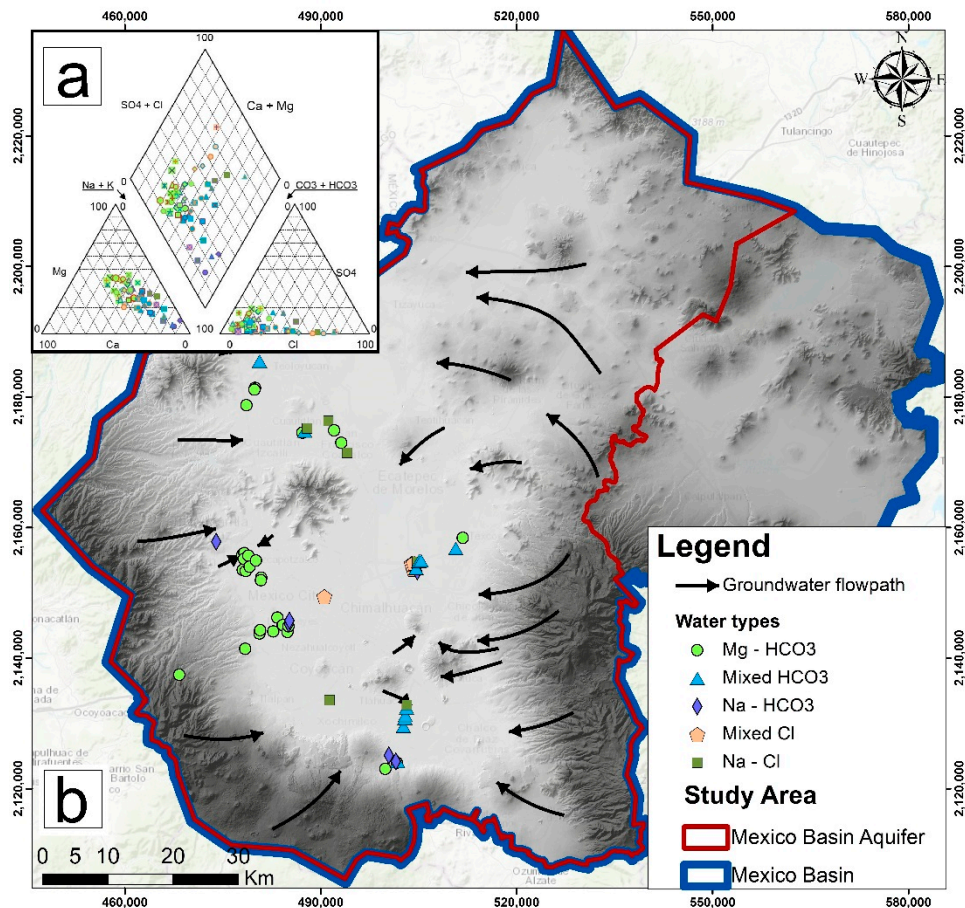


Figure S1. (a) Piper diagram showing the five water types identified in the MBA; (b) Spatial distribution of groundwater types.

