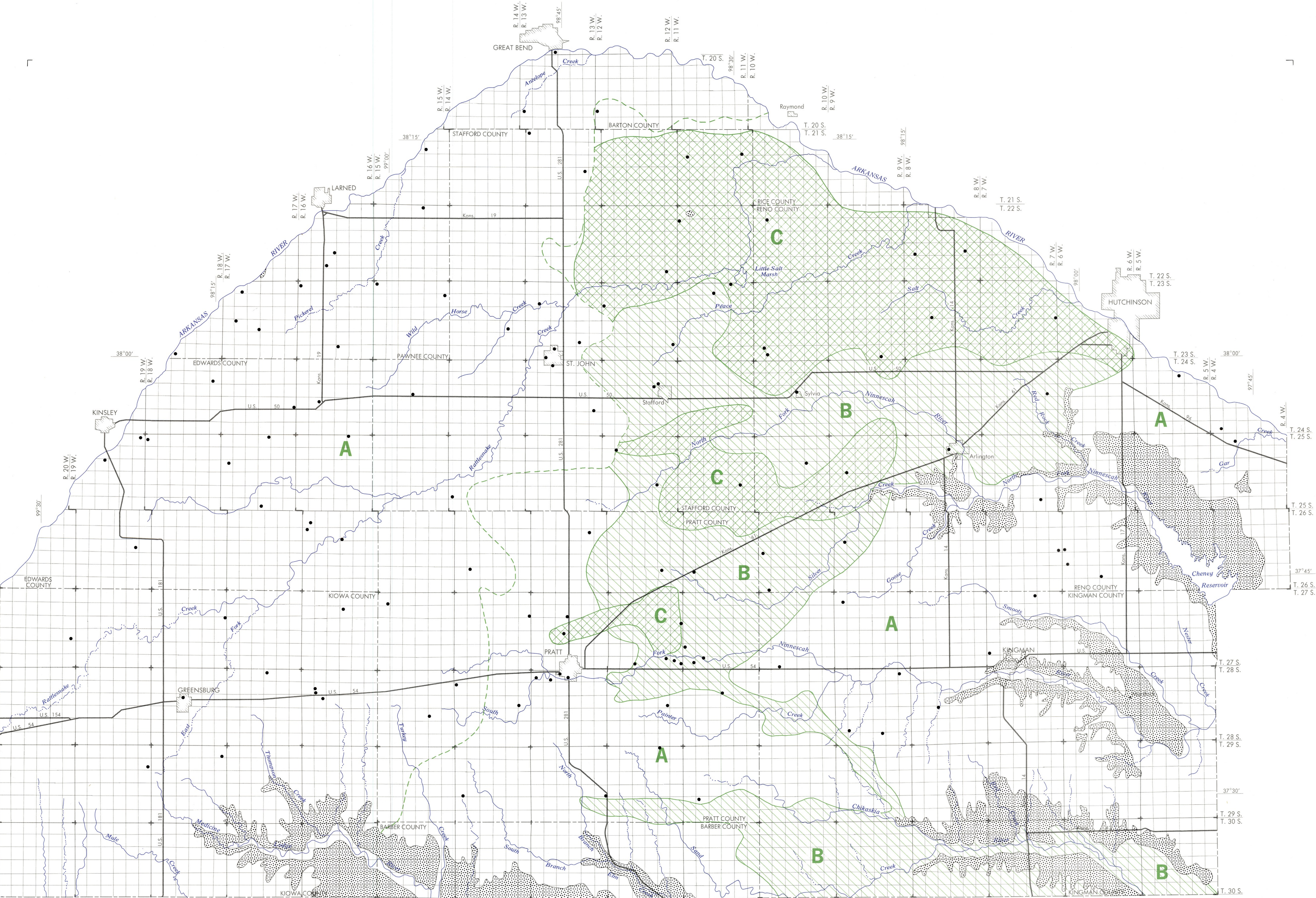


MAP SHOWING CHEMICAL SUITABILITY FOR IRRIGATION OF GROUND WATER FROM UNCONSOLIDATED DEPOSITS, GREAT BEND PRAIRIE, SOUTH-CENTRAL KANSAS



EXPLANATION

Chemical suitability of ground water for irrigation (suitable water has low sodium hazard and low to high salinity hazard)



Generally suitable



Generally suitable, may be unsuitable in part or all of the aquifer in local areas



Generally unsuitable



Area of bedrock outcrop, ground water not available from unconsolidated deposits

Approximate boundary of contact between Permian rocks and unconsolidated deposits

Well from which water was sampled for chemical analysis



APPROXIMATE MEAN DECLINATION, 1977

Scale 1:250,000

