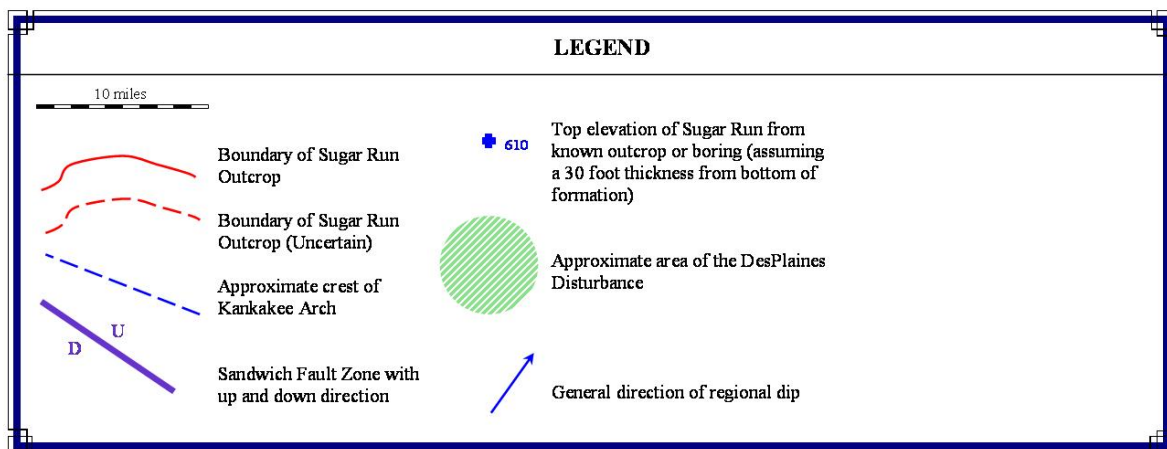
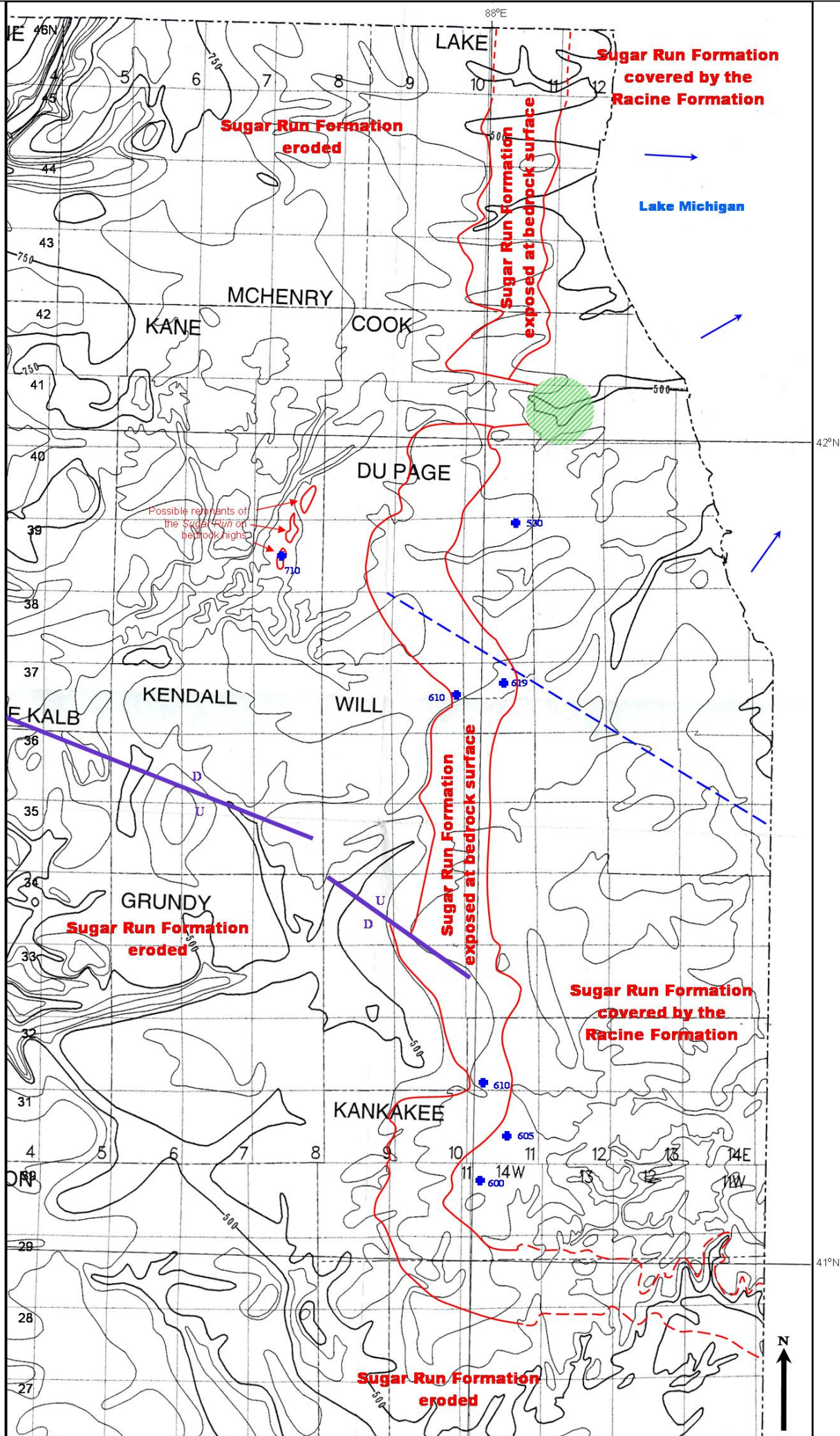


Map of Sugar Run Outcrop Area in the Chicago Region



NOTES:

The *Sugar Run Formation* in the area of the Sandwich Fault Zone is somewhat problematic and the boundaries within two miles of the fault zone are approximate. The *Sugar Run* can be thin or absent under *Racine Formation* reefs or above the underlying *Joliet Formation* where micro-reefs exist. Where uninhibited by reefs, the *Sugar Run* is at a maximum thickness of 30 feet. All elevations assume a 30 foot thickness from the base even though the actual elevations may vary due to reefs or erosion. Regional dip along the northeast flank of the Kankakee Arch is about 9.5 feet per mile in the *Sugar Run*. It is almost flat on the opposite side of the arch with a dip of about 1.5 feet per mile.

Map adapted from the 1994 *Burred Bedrock Surface of Illinois*, Illinois State Geological Survey, Third Edition.