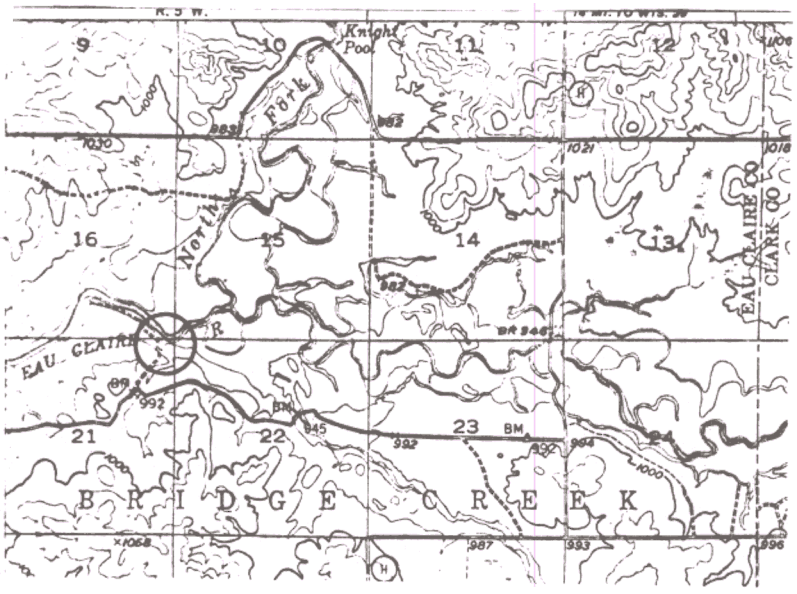
TITLE: Younger(?) metasediments--Late Middle Precambrian?

LOCATION: Confluence of North and South Forks, Eau Claire River
NE 1/4, NE 1/4, Sec. 21, T.26N, R.5W




AUTHOR: Paul E. Myers, UW-Eau Claire

DATE: May 26, 1977

SUMMARY OF FEATURES:

Thin-bedded, conglomeratic, tuffaceous siltstone and sandstone form a stream-cut ledge along the south side of Eau Claire River near the remains of an old cabin. Bedding is N60°W, 45-60°SW. The conglomerate (locations A and B) consists of subrounded to subangular quartz and subordinate feldspar clasts 1/4 mm in diameter. These rocks are poorly sorted and well-stratified texturally. The matrix of the conglomerate is micaceous and siliceous; it may also contain a cement of hematite, part of which is leached in weathering to form ferruginous coatings on the quartz and impregnations of the feldspar clasts.

The metaconglomerate is apparently underlain by phillitic metatuff(?). Absence of deformation and metamorphism in these rocks suggests a younger age than the amphibolitic rocks which are well-exposed only short distances up and downstream. The two rock sequences may be represented by a folded unconformity.

Hornblende gneiss 1 km downstream grades within several feet into hornblende schist showing relict plagioclase clasts much like those in the metatuff at location C here, but much more highly metamorphosed. Samples of the amphibolite and metatuff were taken (1973) by W. R. Van Schmus for radiometric analysis.

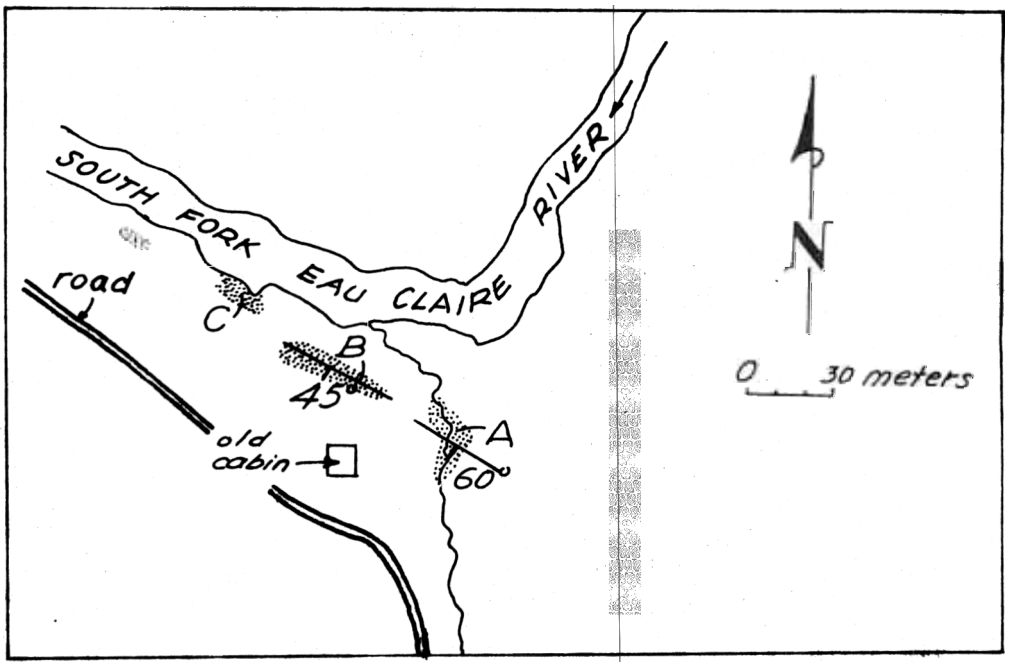



Figure Outcrop geologic map