



EXPLANATION

LITHOLOGIC PATTERNS WITHOUT REFERENCE TO RELATIVE GEOLOGIC AGE

- Chlorite schist
Locally oxidized and red
- Laminated iron-bearing strata without distinct layers of chert or with chert layers less than $\frac{1}{4}$ inch thick
- Shale or slate
- Quartzite
- Geologic contact
Dashed where approximately located
- Anticline
Showing bearing and plunge of axis
- Syncline
Showing bearing and plunge of axis
- Strike and dip of beds
- Strike of vertical beds
- Horizontal beds
- Outline of open pit or caved area
Dashed line represents base of any slope,
dashed line with dots represents intersection of slope and bedrock surface

PRELIMINARY MAP SHOWING GEOLOGIC DATA IN THE SAGAMORE MINE
CUYUNA RANGE, CROW WING COUNTY, MINNESOTA

Geology by R. G. Schmidt and C. E. Dutton, 1951