DEPARTMENT OF THE INTERIOR

OPEN-FILE REPORT

PREPARED IN COOPERATION WITH THE SOUTH DAKOTA GEOLOGICAL SURVEY

PLATE 1

EXPLANATION

Increasing clay content or decreasing grain size

Increasing vegetation density

Dominant Color	Symbol	Map Pattern
Magenta	M.....	
Red	R.....	
Magenta-red-yellow	MR-Y.....	
Red-yellow	R-Y.....	
Yellow-red	Y-R.....	
Yellow-red-green	Y-R-G.....	
Yellow-green-red	Y-G-R.....	
Yellow-green	Y-G.....	
Yellow-green-blue	Y-G-B.....	
Green-yellow	G-Y.....	
Green-yellow-blue	G-Y-B.....	
Green-blue-yellow	G-B-Y.....	
Cyan	C.....	

(Parentheses indicate a lesser component of the indicated rank.)

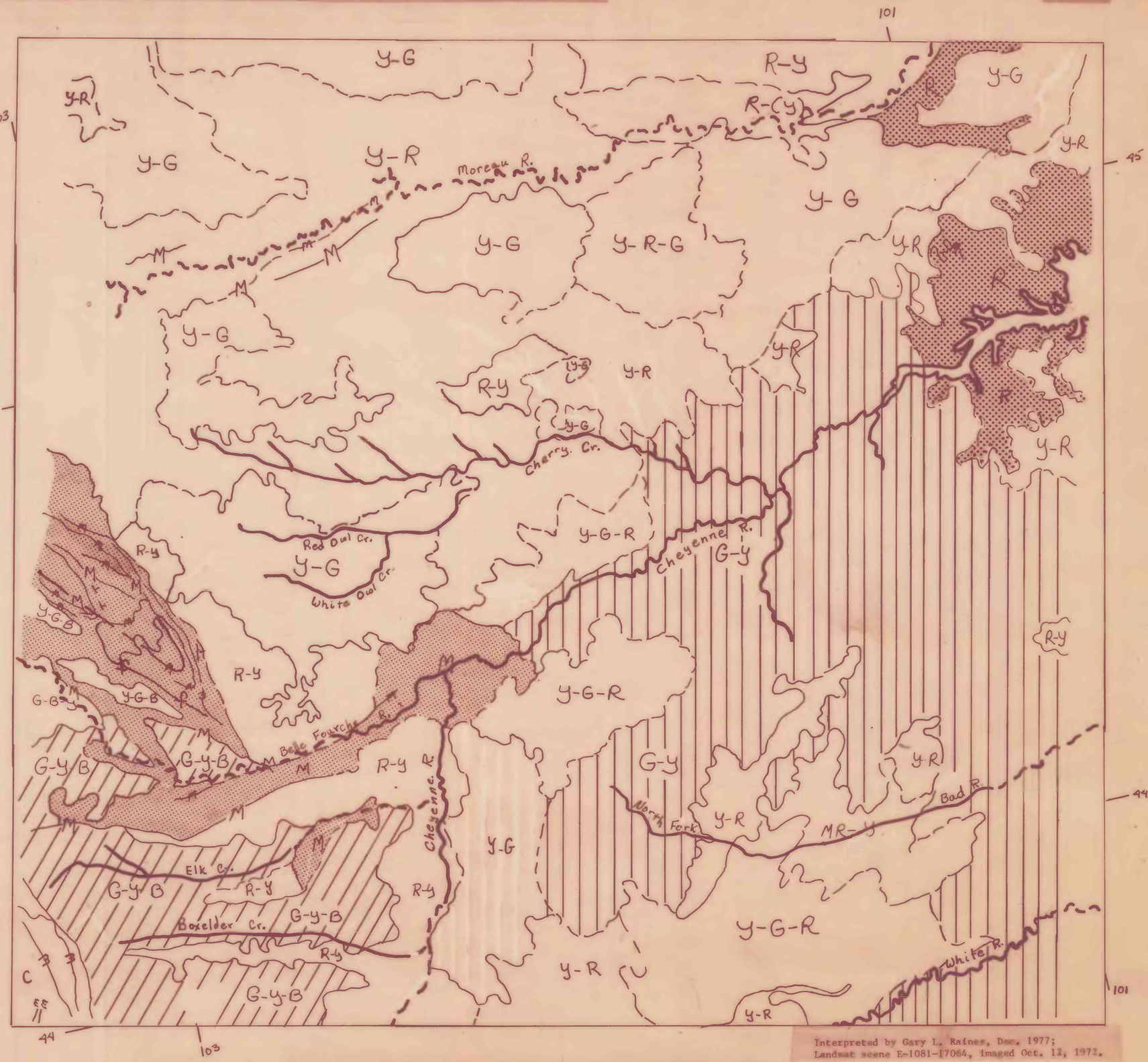
CONTACT--Dashed where gradational; all are approximately located...

MARKER--Dashed where approximately located.....

POSSIBLE FAULT.....

RIVER--Dashed where not apparent on Landsat scene 1081-17064.....

STRIKE AND LOW DIP.....



Interpreted by Gary L. Raines, Dec. 1977;
Landsat scene E-1081-17064, imaged Oct. 12, 1972.

SCALE 1:500 000

10 0 10 20 30 40 50 MILES

10 0 10 20 30 40 50 KILOMETERS

PLATE 1.--PRELIMINARY INTERPRETATION OF VEGETATION DENSITY DISTRIBUTION OF A COLOR-CODED LANDSAT 5/6 RATIO IMAGE