



SYSTEM	GROUP	UNIT	SYMBOL	DESCRIPTION
CARBONIFEROUS	PENNSYLVANIAN	CONEMAUGH		Fishpot limestone
				Redstone coal
				Pittsburgh coal, Pg
				Lower Pittsburgh coal & limestone
				Red shale & limestone
				Connellsville sandstone
				Clarksburg coal, limestone, red shale
				Morgantown sandstone
				Lonaconing coal, limestone, red shale
				Coal & limestone, Birmingham red shale
CARBONIFEROUS	ALLEGHENY	GROUP		Ames limestone, red shale
				Harlem coal
				Saltsburg sandstone
				Bakerstown coal
				Woods Run limestone, Pittsburgh red shale
				Pine Creek limestone
				Myersdale red shale
				Brush Creek limestone & coal
				Mahoning sandstone
				Upper Freeport coal & limestone, U
CARBONIFEROUS	POTTSVILLE	SERIES		Lower Freeport coal, L F
				Upper Kittanning coal & limestone
				Middle Kittanning coal
				Lower Kittanning coal, L K
				Brookville coal, Bv
				Homewood sandstone
				Mercer
				Connoquenessing sandstone
				Greenbrier limestone
MISSISSIPPIAN	POCONO	GROUP		Loyalhanna siliceous limestone, Lh
				Burgoon sandstone

Map base from U.S. Geological Survey
topographic map, New Florence quadrangle:
contour interval 20 feet

Scale 0 1 2 3 4 Miles

- WELL SYMBOLS**
- ☼ Gas
 - ⊙ Dry, shallow
 - ⊛ Dry, Oriskany

PRELIMINARY MAP
OF
GEOLOGIC STRUCTURE ON BASE OF LOWER KITTANNING COAL
IN
NEW FLORENCE QUADRANGLE
PENNSYLVANIA
ELEVATION IN FEET ABOVE SEA LEVEL
CONTOUR INTERVAL 100 FEET

Geology by M.N. Shaffner 1951

THREE NORTH
APPROXIMATE MEAN
DECLINATION, 1950

PENNSYLVANIA GEOLOGICAL SUR
4TH SERIES, PROGRESS REPORT 137
1951