

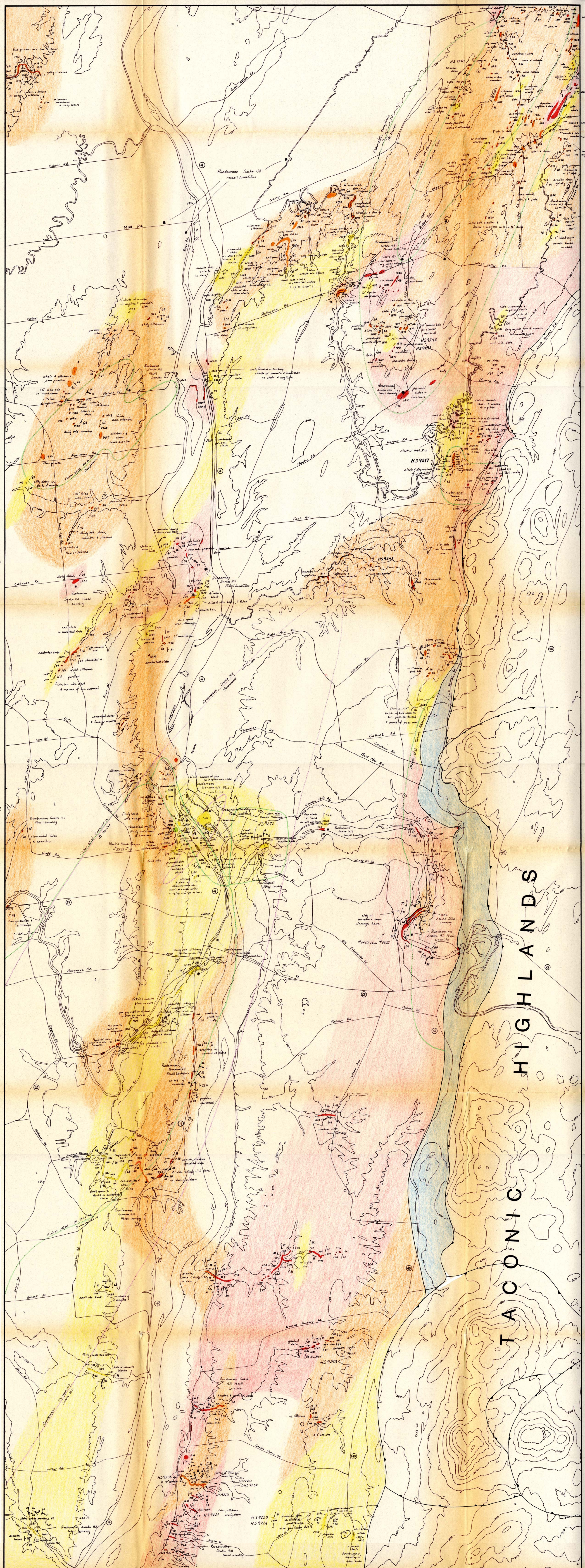


PLATE 3

Geology of the Hudson River Lowlands

FORT MILLER & SCHUYLERVILLE 7 1/2' QUADRANGLES

Legend :

LITHOFACIES

- Melange - w.o. exotic blocks
- w. blocks of Taconic & shelf lithologies
- w. blocks of unknown affinity
- Interbdd. shale, siltstone & arenite
- Black shale & slate

STRATIGRAPHIC/PALEONTOLOGIC BOUNDARIES

- Ruedemann, 1914
- Fisher, et al., 1970

STRUCTURAL SYMBOLS

Bedding

- Inclined /s
- vertical /
- horizontal +

Cleavage

- Inclined /42
- vertical /

Bdd. || Cl. /62

Bdd. x Cl. \28

2nd Cleavage /68

Fault or shear zone /32

w. slickenside striations /26

Mesoscopic folds

- inclined w. plunging hinge /62
- vertical /48
- w. horizontal hinge /83