

#1854, HS 9240

#1873, HS 9241
#1875, HS 9242

#491, HS 9217

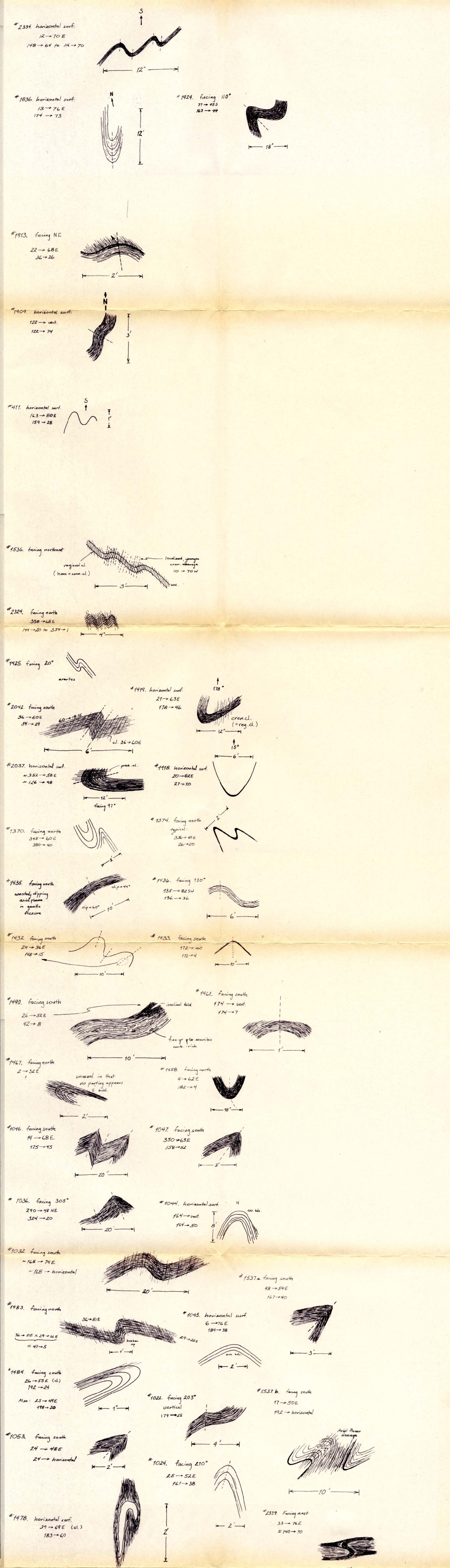
#1948, HS 9243

#2324, HS 9272
Stack's bench HS 9201

#1390, HS 9293

#1035, HS 9285
#1032, HS 9282
#1031, HS 9281
#1027, HS 9223
#1021, HS 9222
#1020, HS 9221
#1019, HS 9224
#1018, HS 9230

- 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 $\frac{1}{s}$ vertical $\frac{1}{v}$ horizontal $\frac{1}{h}$
- Cleavage
- inclined $\frac{1}{c}$ vertical $\frac{1}{v}$
- Bdd. || Cl. $\frac{1}{s}$ Bdd. x Cl. $\frac{1}{s}$
- 2nd Cleavage $\frac{1}{s}$
- Fault or shear zone $\frac{1}{s}$ w. slickenside striations $\frac{1}{s}$
- Mesoscopic folds
- inclined w. plunging hinge $\frac{1}{s}$ w. horizontal hinge $\frac{1}{s}$
 - vertical $\frac{1}{s}$



MESOSCOPIC FOLDS

LOCATION OF HAND SAMPLES

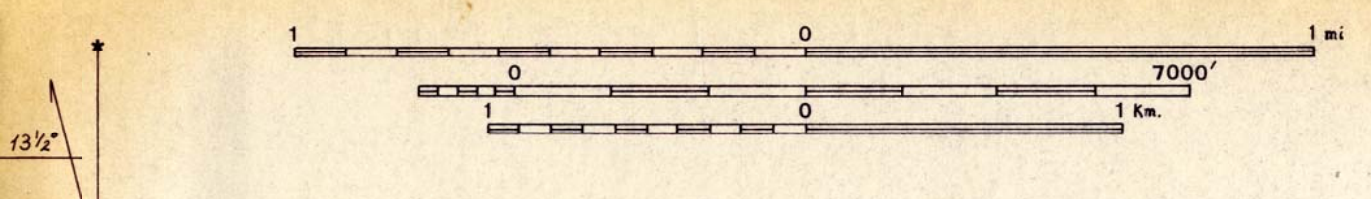


Plate 3

Geology of the Hudson River Lowlands

FORT MILLER & SCHUYLerville 7 1/2' QUADRANGLES