Open Report

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

CONNECTICUT
ELLINGTON QUADRANGLE
7½-MINUTE SERIES

LEGEND

TRIASSIC

Trd — diabase dike

Trsc — Triassic sandstone and conglomerate

silicified zone

PRE-MISSISSIPPIAN

as — Amherst muscovite schist

hs, mg — amphibolites
hs-hornblende schist
mg-metagabbro

gg, ghg — Glastonbury gneiss
gg-quartz-feldspar-biotite gneiss
ghg-quartz-feldspar-hornblende gneiss

bqs, bs, bgs — Bolton schist
bs-garnet-muscovite schist
bqs-quartzite and quartze schist interbeds

Mg — Monson gneiss

CONTACTS

accurate, dashed where approximate

gradational

FAULTS

accurate, dashed where approximate

SPECIAL SYMBOLS

25 — dip and strike of foliation and schistosity

30 — direction and plunge of lineation

20 — dip and strike of bedding

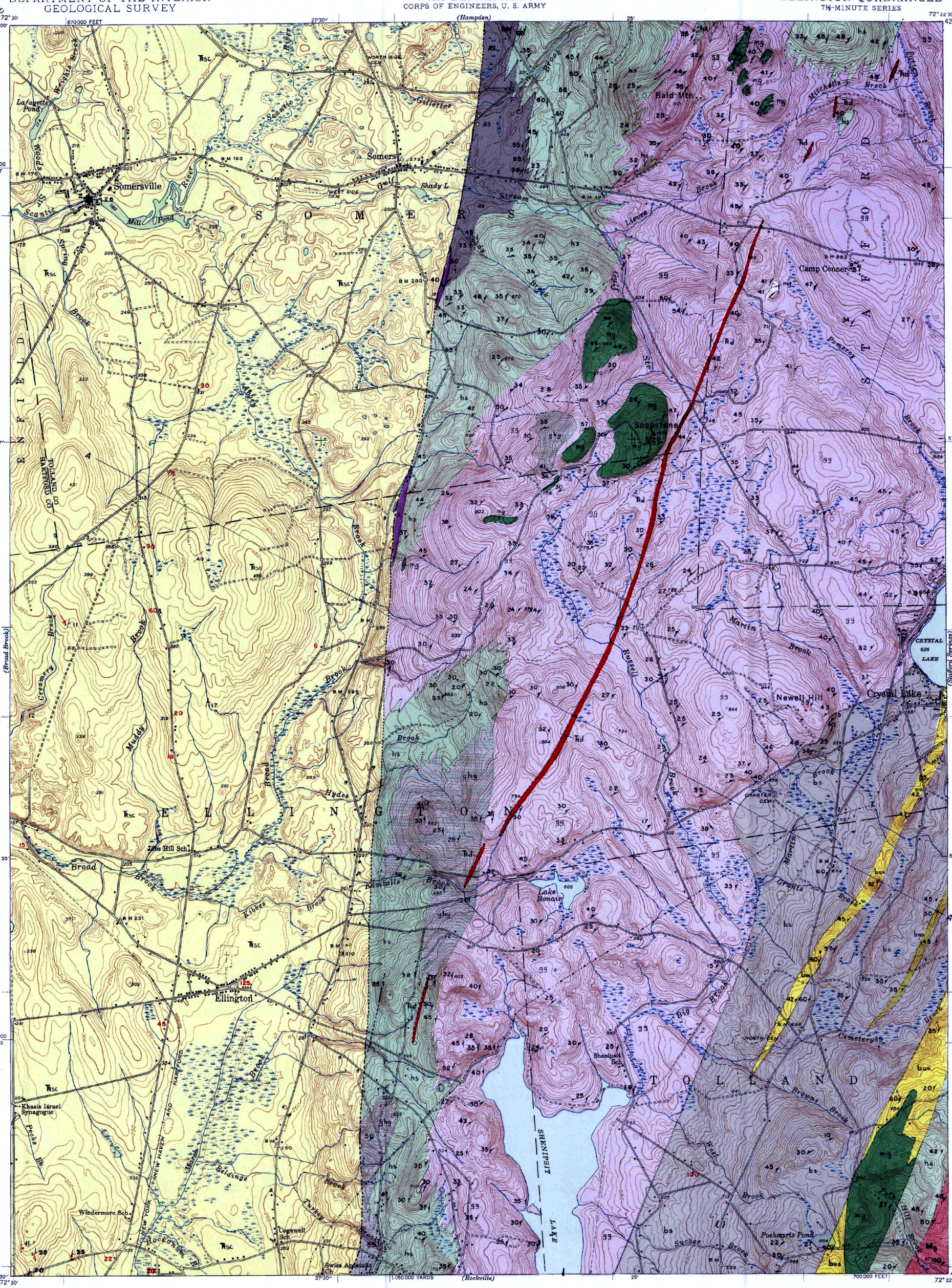
direction of glacial striations and friction cracks

outcrops of Triassic sedimentary beds

well in crystalline rock

well in sedimentary rock

23 — well depth to bedrock



Mapped by the Geological Survey
1942–1943

APPROXIMATE MEAN DECLINATION, 1948

Scale $\frac{1}{31680}$

1 Mile

500 0 500 1000 1500 2000 2500 Yards

1000 0 1000 2000 3000 4000 5000 6000 7000 Feet

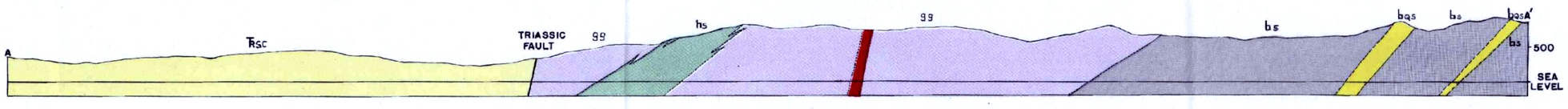
1 Kilometer

Contour interval 10 feet
Datum is mean sea level

Polyconic projection. 1927 North American datum
5000 yard grid based on U. S. zone system, A
10000 foot grid based on Connecticut
rectangular coordinate system

ELLINGTON, CONN.
Edition of 1946

N4152.5—W7222.5/7.5



SECTION ALONG LINE A—A′