UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

203(275)
gH65g

PRELIMINARY MAP 48-18
PLATE 2

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

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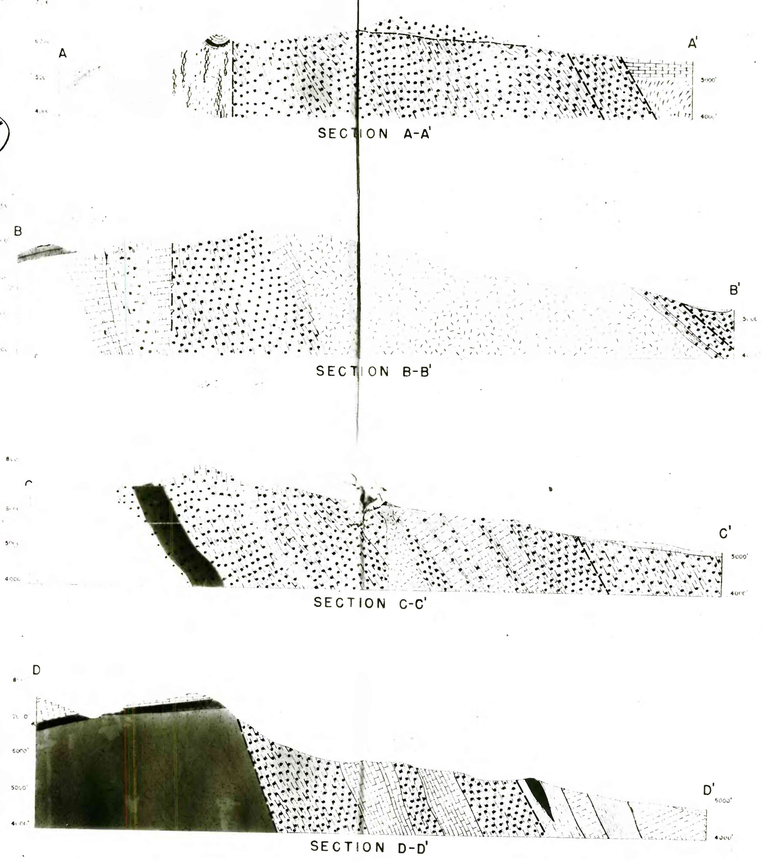

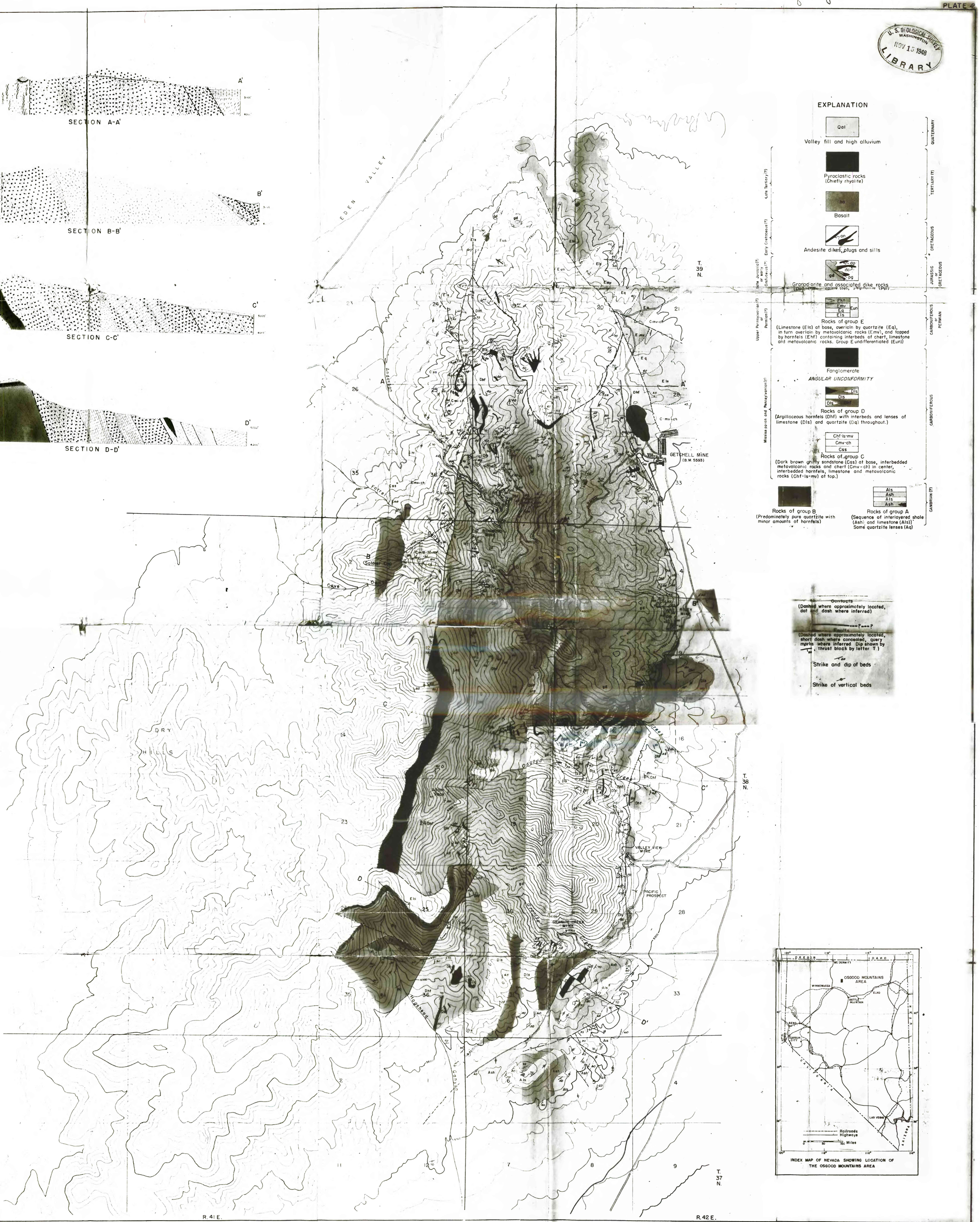

EXPLANATION

QUATERNARY

Qal — Valley fill and high alluvium

TERTIARY (?) — Late Tertiary (?)

Pyroclastic rocks (Chiefly rhyolite)

Basalt

CRETACEOUS — Early Cretaceous (?)

Andesite dikes, plugs and sills

JURASSIC or CRETACEOUS — Late Jurassic (?) or early Cretaceous (?)

Granodiorite and associated dike rocks (Dgr — aplite dike, pegmatite (Dgp))

CARBONIFEROUS or PERMIAN — Upper Pennsylvanian (?) or Permian (?)

Rocks of group E (Limestone (Els) at base, overlain by quartzite (Eq), in turn overlain by metavolcanic rocks (Emv), and topped by hornfels (Ehf) containing interbeds of chert, limestone and metavolcanic rocks. Group E undifferentiated (Eun))

CARBONIFEROUS — Mississippian and Pennsylvanian (?)

Fanglomerate

ANGULAR UNCONFORMITY

Rocks of group D (Argillaceous hornfels (Dhf) with interbeds and lenses of limestone (Dls) and quartzite (Dq) throughout.)

Rocks of group C (Dark brown gritty sandstone (Css) at base, interbedded metavolcanic rocks and chert (Cmv-ch) in center, interbedded hornfels, limestone and metavolcanic rocks (Chf-ls-mv) at top.)

CAMBRIAN (?)

Rocks of group B (Predominately pure quartzite with minor amounts of hornfels)

Rocks of group A (Sequence of interlayered shale (Ash) and limestone (Als)) Some quartzite lenses (Aq)

Contacts (Dashed where approximately located, dot and dash where inferred)

Faults (Dashed where approximately located, short dash where concealed, query marks where inferred. Dip shown by ; thrust block by letter T.)

Strike and dip of beds

Strike of vertical beds

INDEX MAP OF NEVADA SHOWING LOCATION OF THE OSGOOD MOUNTAINS AREA

Base from U. S. Geological Survey topographic map of the Osgood Mountains Quadrangle

Scale $\frac{1}{24000}$

Contour interval 100 feet
Datum is mean sea level

Geology by S. W. Hobbs 1945-46

GEOLOGIC AND TOPOGRAPHIC MAP OF THE NORTHERN PART OF THE OSGOOD MOUNTAINS, HUMBOLDT COUNTY, NEVADA

1946