Correlation of Map Units

Perry Mountain Formation

METASEDIMENTARY ROCKS

METASEDIMENTARY ROCKS OF THE CENTRAL MAINE TROUGH

INTRUSIVE ROCKS

SYN- TO POST-METAMORPHIC INTRUSIVE ROCKS

POST-METAMORPHIC INTRUSIVE ROCKS

Mesozoic / KJd White Mountain Plutonic-Volcanic Suite

POST-METAMORPHIC INTRUSIVE ROCKS

SYN- TO POST-METAMORPHIC INTRUSIVE ROCKS

Concord Granite (Late Devonian)

Dap Aplite, shown by symbol only (Devonian)

Dp Pegmatite (Devonian)

Srb Biotite schist Rusty schist

<mark>Srq</mark> Quartzite

Srs Sillimanite schist

Fine-grained granofels

Srcs Calc-silicate granofels

Srlg Layered quartzite and granofels

Explanation of Map Symbols

Outcrops (areas of exposed bedrock examined in this study)

————— Contacts, dotted where concealed Brittle fault, U - up and D - down

Minor Folds Strike and dip of refolded F1 axial surface

Strike and dip of F2 axial surface

Strike and dip of F3 axial surface

── Inclined, showing tops from graded beds

• Inclined, overturned showing tops from graded beds Strike and dip of layer-parallel S1 schistosity

Strike and dip of dominant schistosity of undetermined age or composite S1 and S2 schistosity or foliation

Strike and dip of flow foliation in the Kinsman Granodiorite

Strike and dip of S2 penetrative cleavage, schistosity, or foliation

Strike and dip of S3 penetrative to spaced cleavage, schistosity, or foliation

Strike and dip of bedding

──**↓** F1 antiform

F1 synform

── Inclined

☐ Inclined

Inclined \longrightarrow Vertical

── Inclined ightharpoonup Vertical

→ Inclined

→ Vertical

→ Inclined

→ Vertical

Inclined

⊩ Vertical

Inclined, DKfd

Inclined, Dap

Inclined, Dp

Vertical, Dp

Inclined, Dg → Vertical, Dg

Inclined, KJd

Vertical, KJd

── Inclined

→ Inclined

→ Refolded F1 fold axis

→ Intersection between S1 and S2

→ Slickensides on brittle fault

Other Features

Elongation or mineral lineation on \$2

Trend of glacial striations or grooves

 \rightarrow F2 fold axis → F3 fold axis

 ₩

 Vertical

Strike and dip of dikes

Strike and dip of veins

Strike and dip of brittle fault

Linear Features Trend and plunge of fold axes and lineations

Inclined, deformed

Rusty tourmaline schist

Srg Coarse-grained schist and granofels

New Hampshire Plutonic Suite

White Mountain Plutonic-Volcanic Suite

Perry Mountain Formation (Middle? to Lower? Silurian)

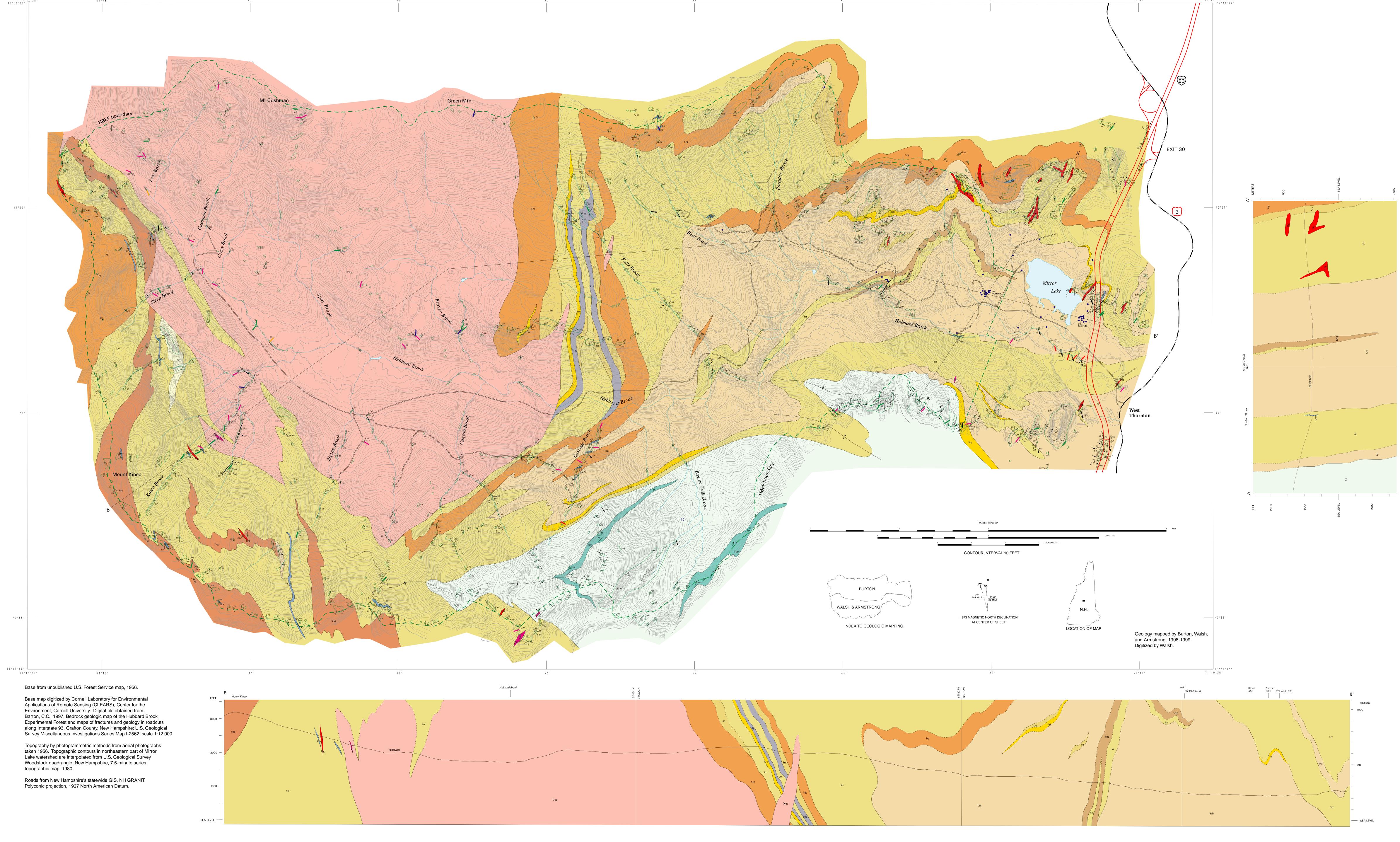
Coarse-grained schist and granofels with garnet and tourmaline

METASEDIMENTARY ROCKS OF THE CENTRAL MAINE TROUGH

Rangeley Formation (Lower Silurian)

Sp Bedded quartzite and sillimanite schist Spp Pelitic member, massive sillimanite schist

KJd Diabase and lamprophyre dikes, shown by symbol only (Cretaceous and Jurassic)



BEDROCK GEOLOGIC MAP OF THE HUBBARD BROOK EXPERIMENTAL FOREST, GRAFTON COUNTY, NEW HAMPSHIRE

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Well

Spring