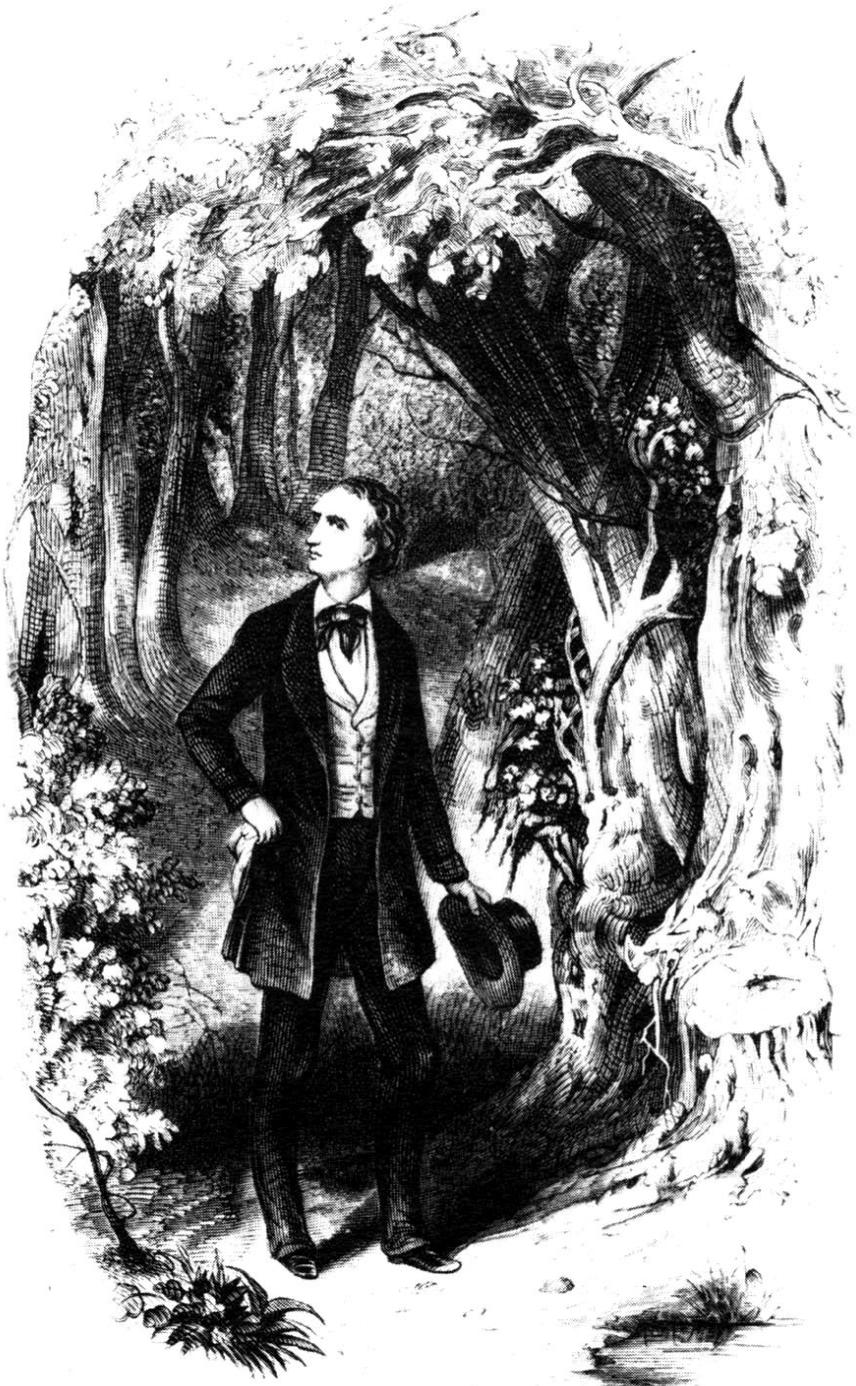
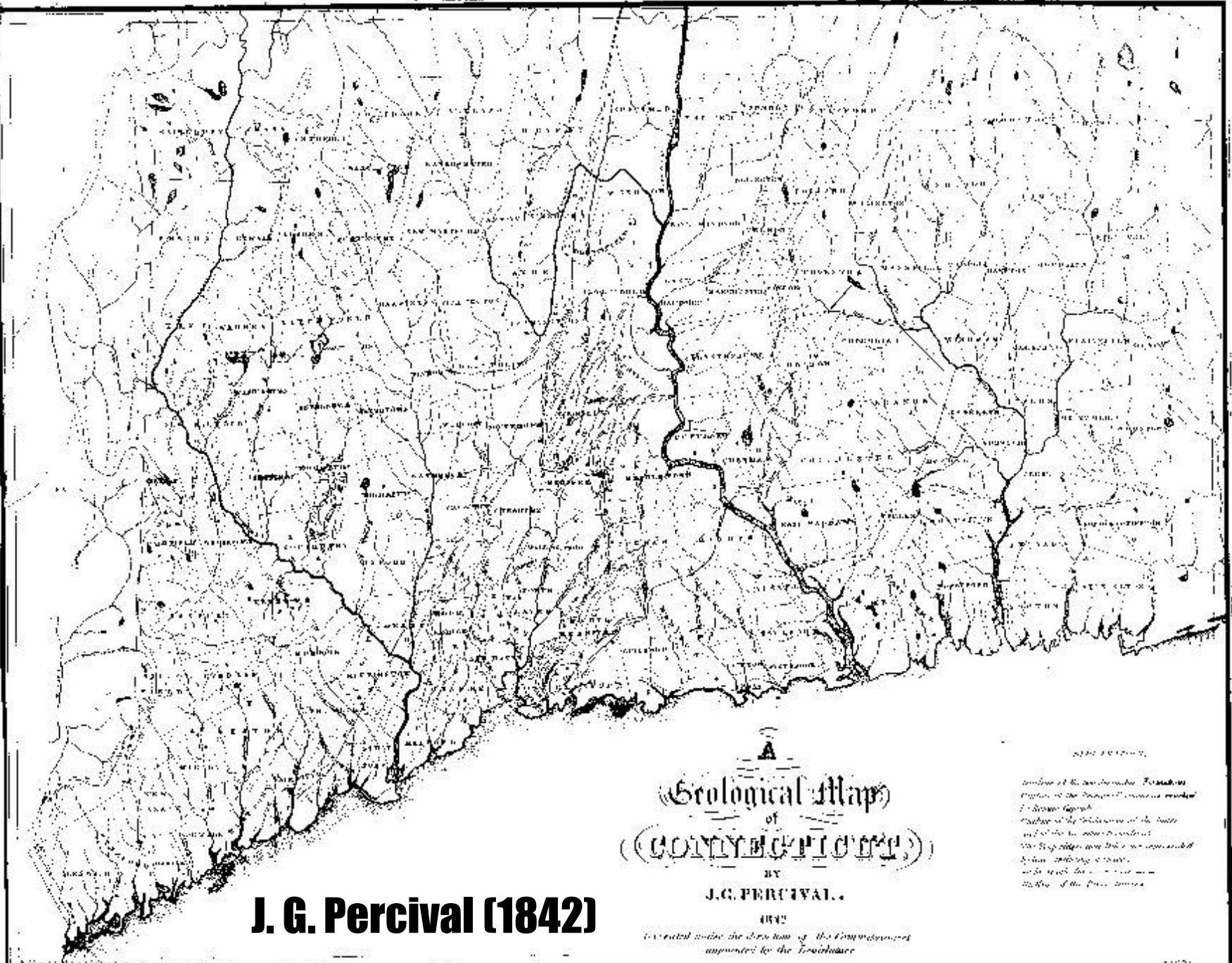


Connecticut Mines and Minerals





James Gates Percival
[1795-1856]



A
Geological Map
of
(COUNTY TIPPERARY)

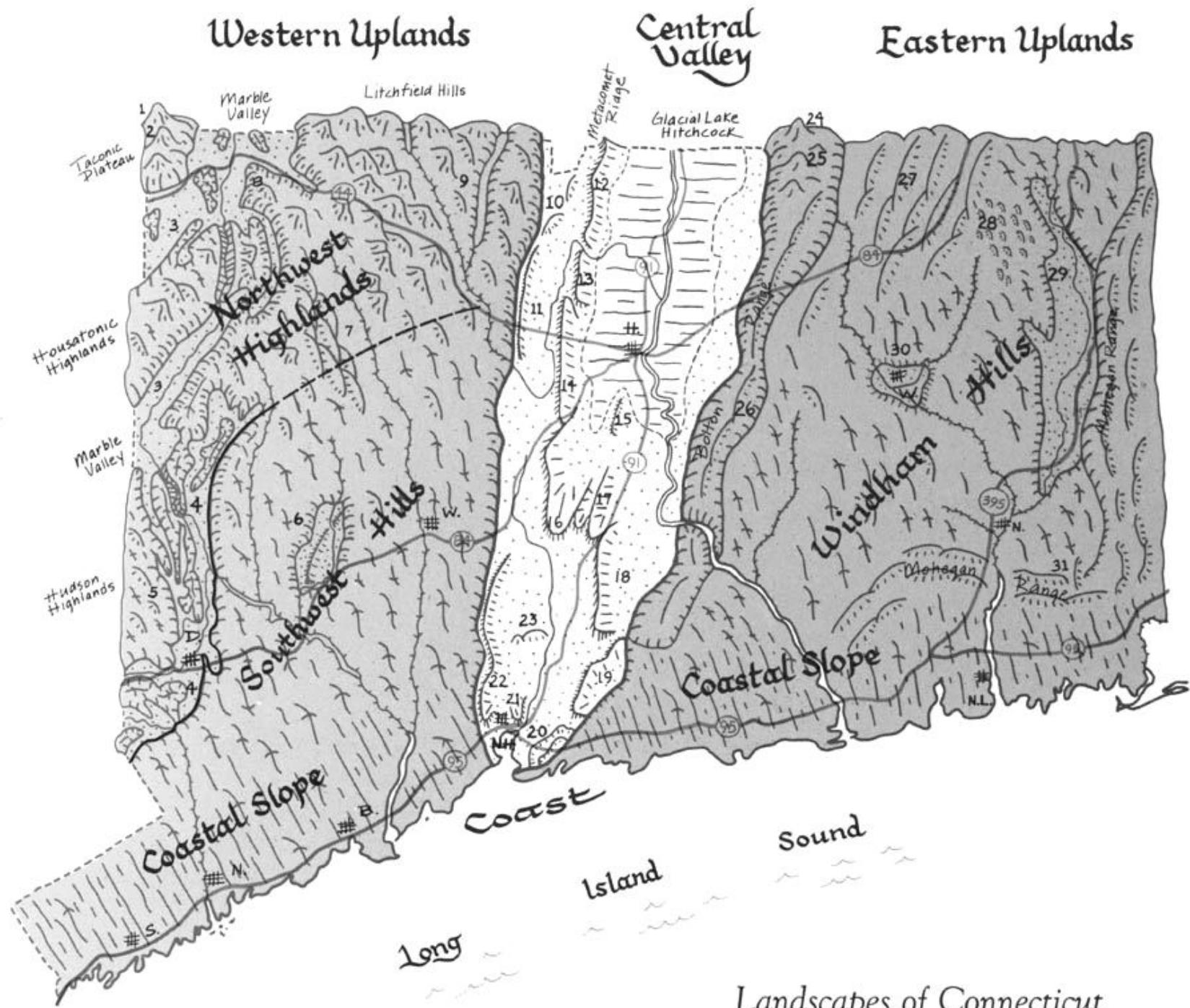
BY
J.G. PERCIVAL.

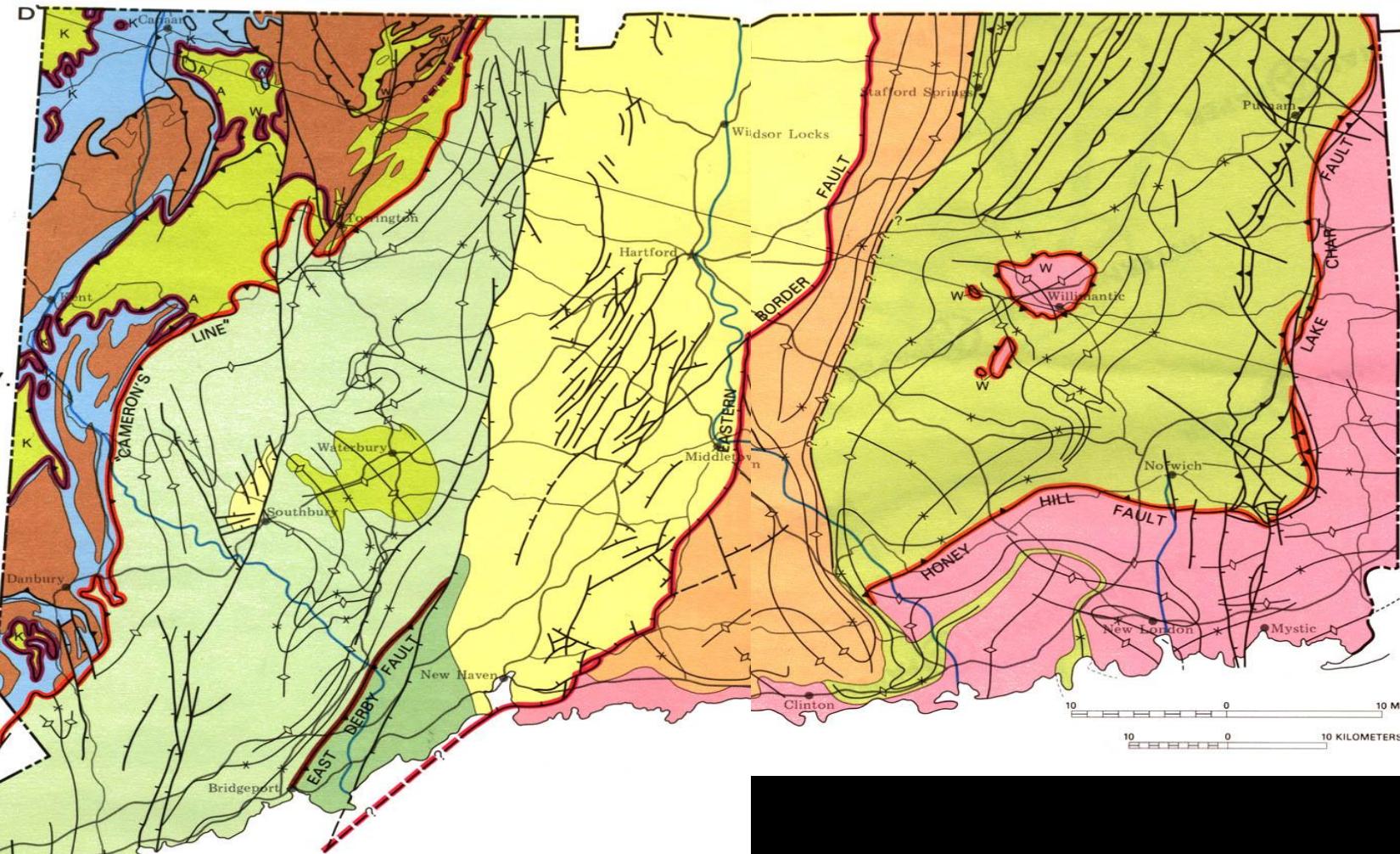
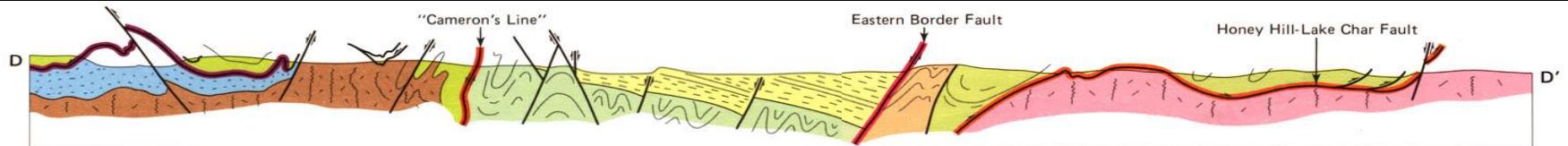
1842

Entered under the direction of the Commissioners
engaged for the Excise.

J. G. Percival (1842)

Legend of the Geological Symbols.
Symbol of the Principal Masses marked
in the Map.
Symbol of the Indications of the State
and the Relations of the
various layers one to another,
when nothing else can be
seen of the mass.

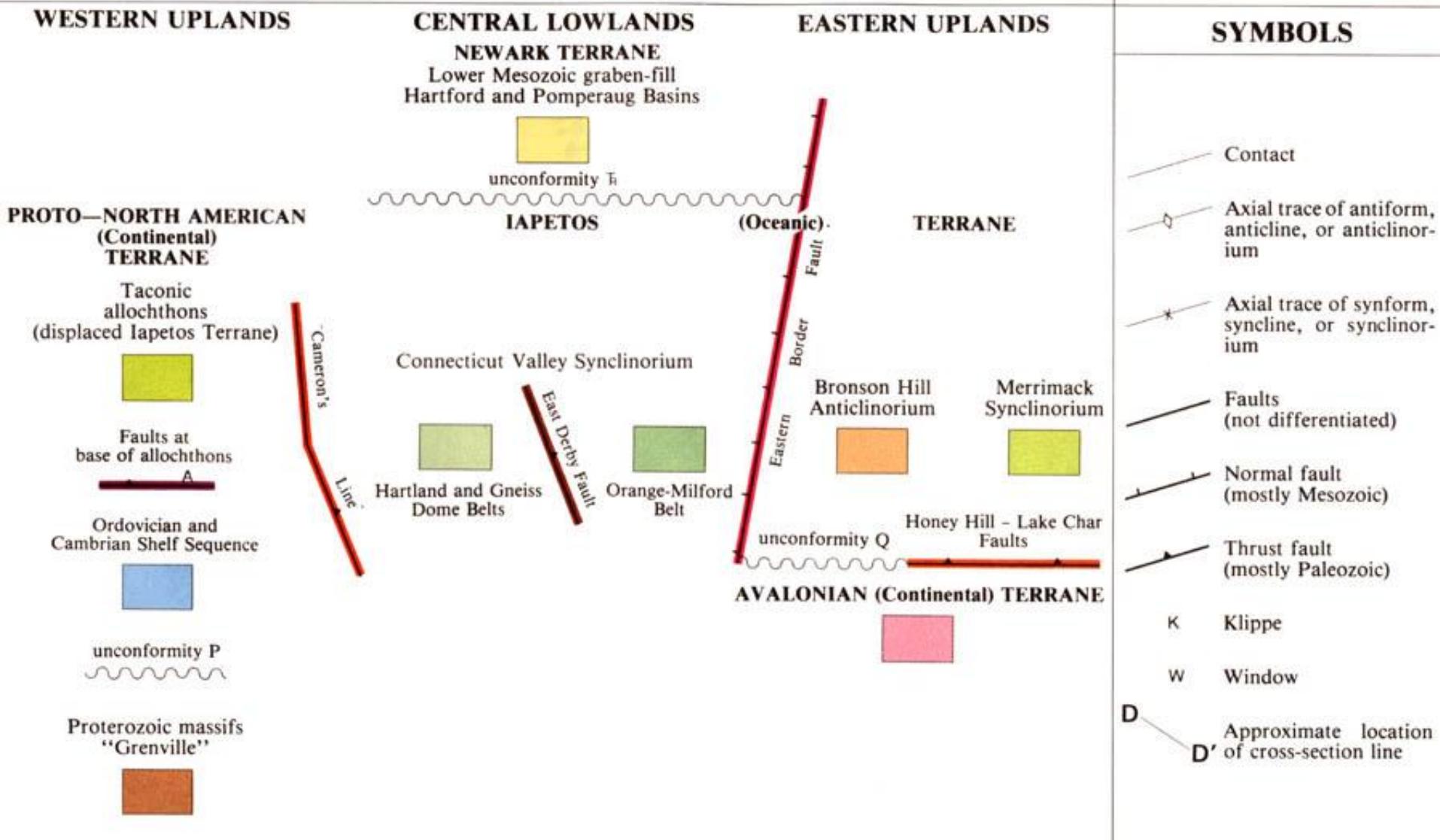


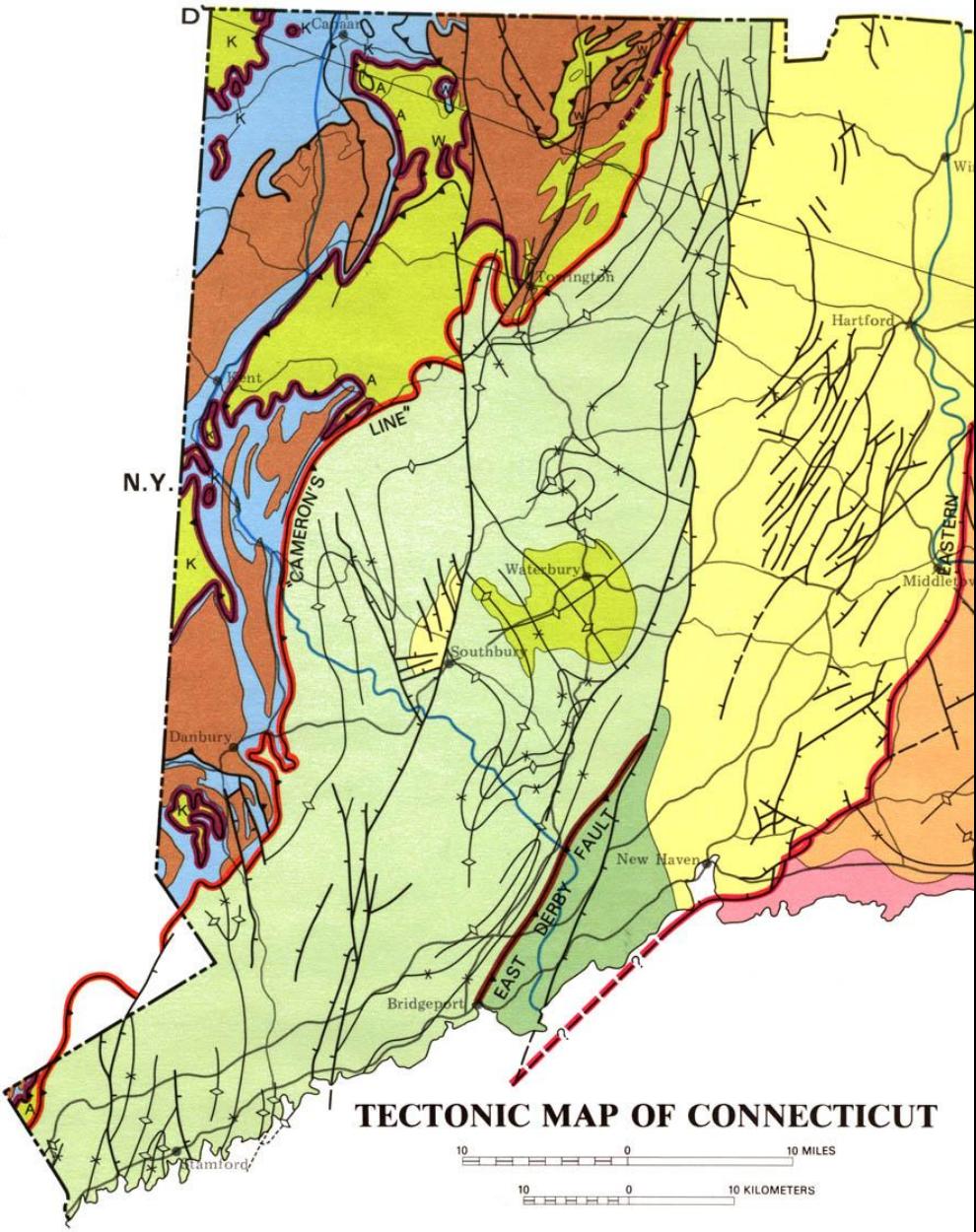
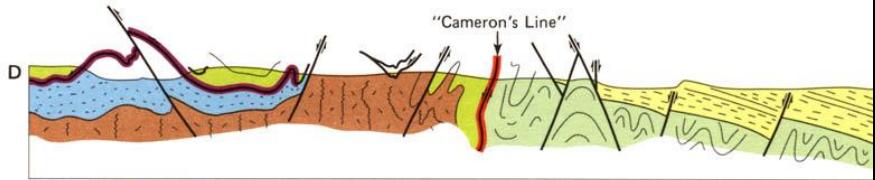


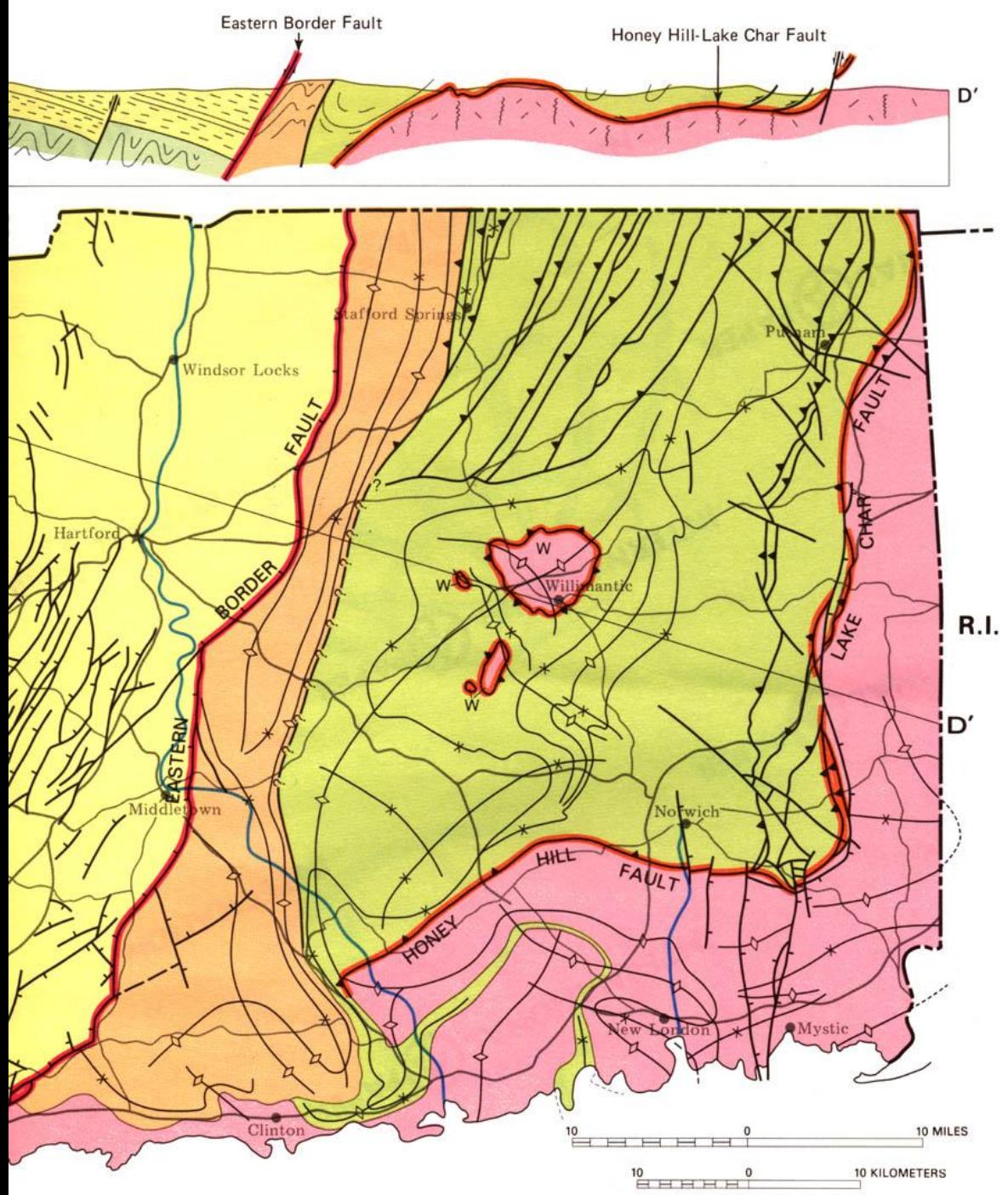
TECTONIC MAP OF CONNECTICUT

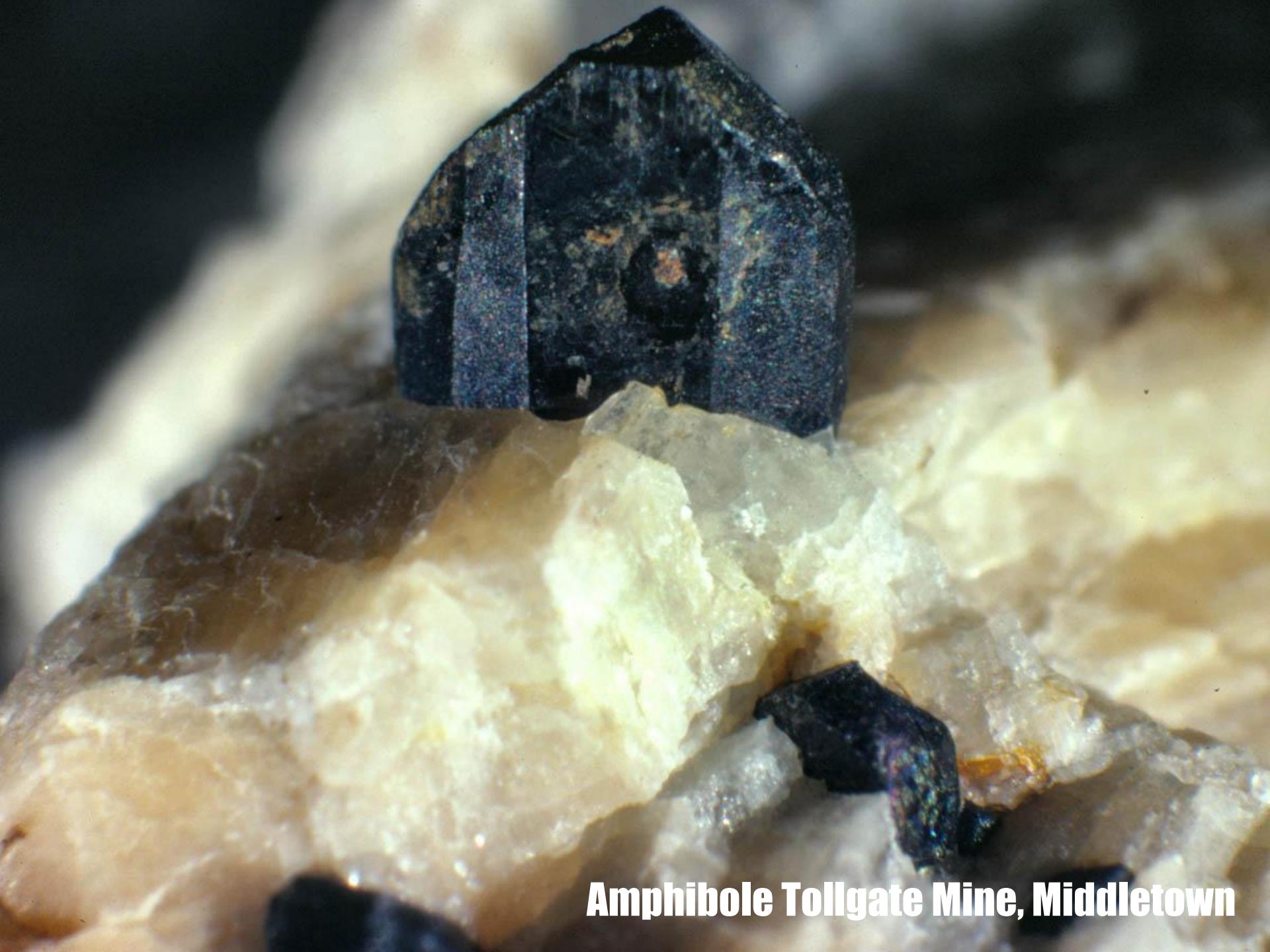
10 0 10 MILES
10 0 10 KILOMETERS

EXPLANATION









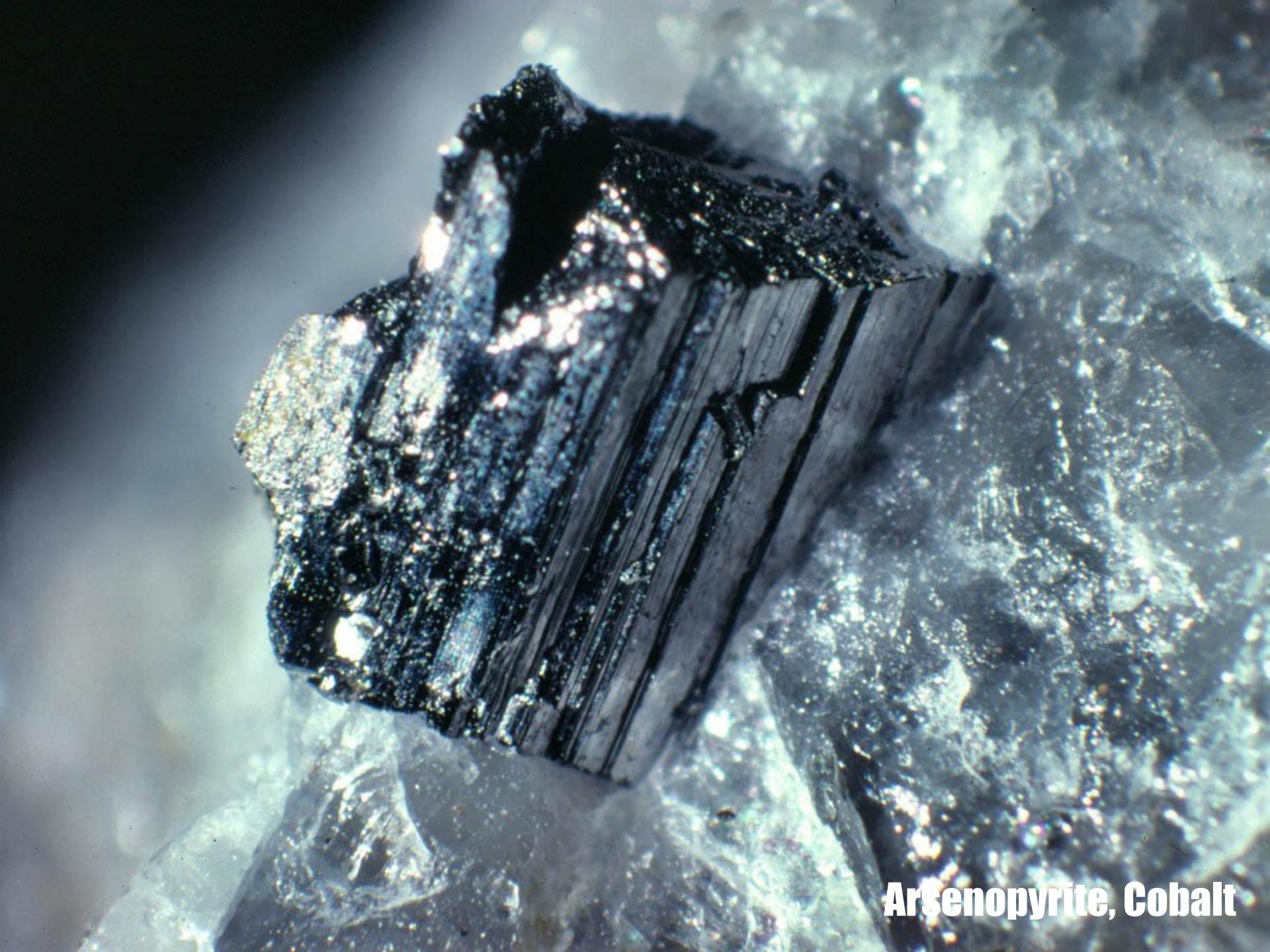
Amphibole Tollgate Mine, Middletown



Arsenopyrite Mine, Cobalt



Arsenopyrite Mine, Cobalt



Arsenopyrite, Cobalt



Beryl, Harwinton



Beryl, Southford



Beryl, Merryall Quarry



Beryl 2, Merryall Quarry



Gemmy Beryl, Merryall Quarry



Garnet, Merryall Quarry



Barite Siderite, New Britain



Chalcocite, Bristol



Chalcocite 2, Bristol



Case Quarry, Middletown



Captain Cooke Quarry, Middletown



Turkey Hill Quarry, Middletown



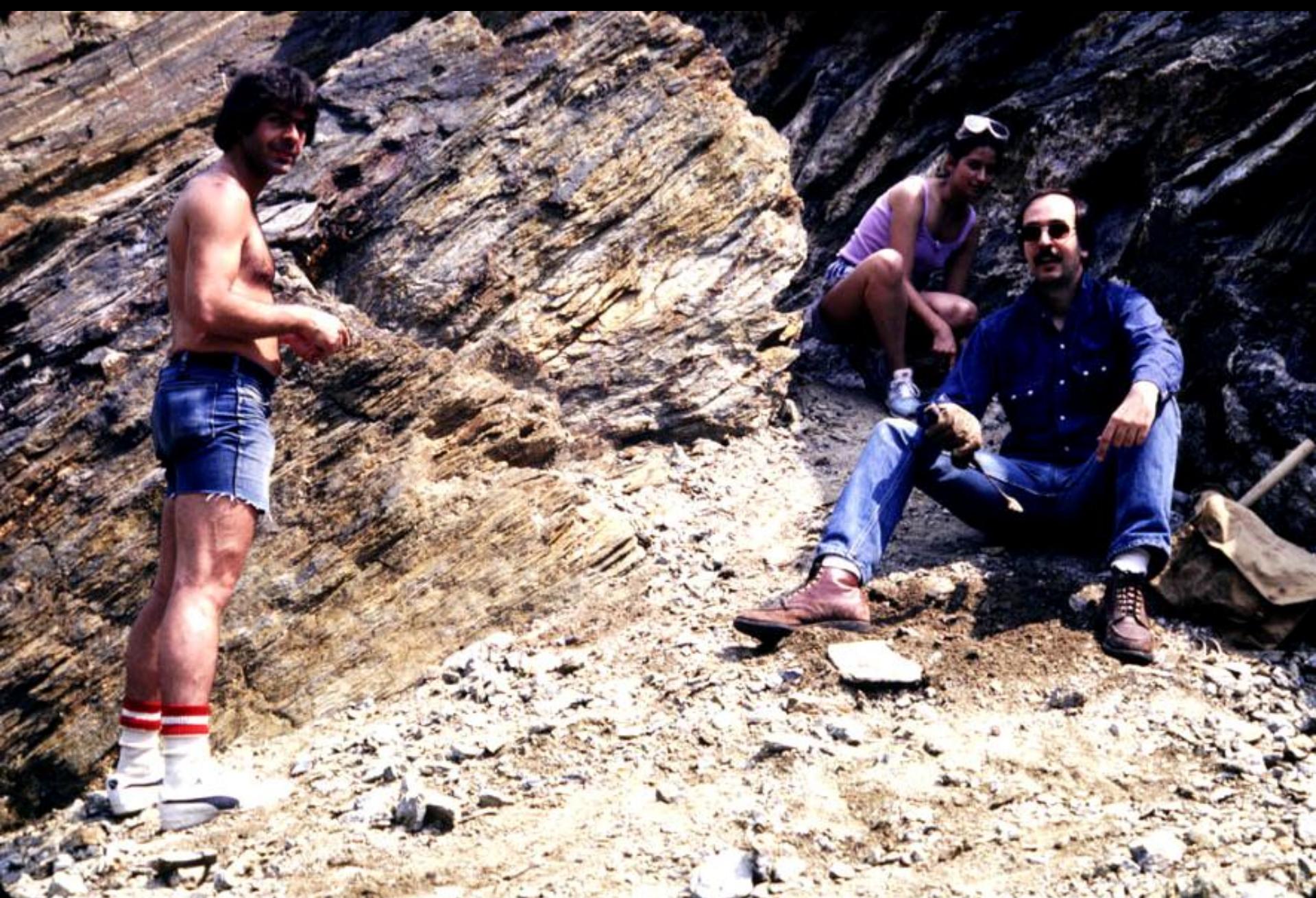
Beryl Tollgate Mine, Middletown



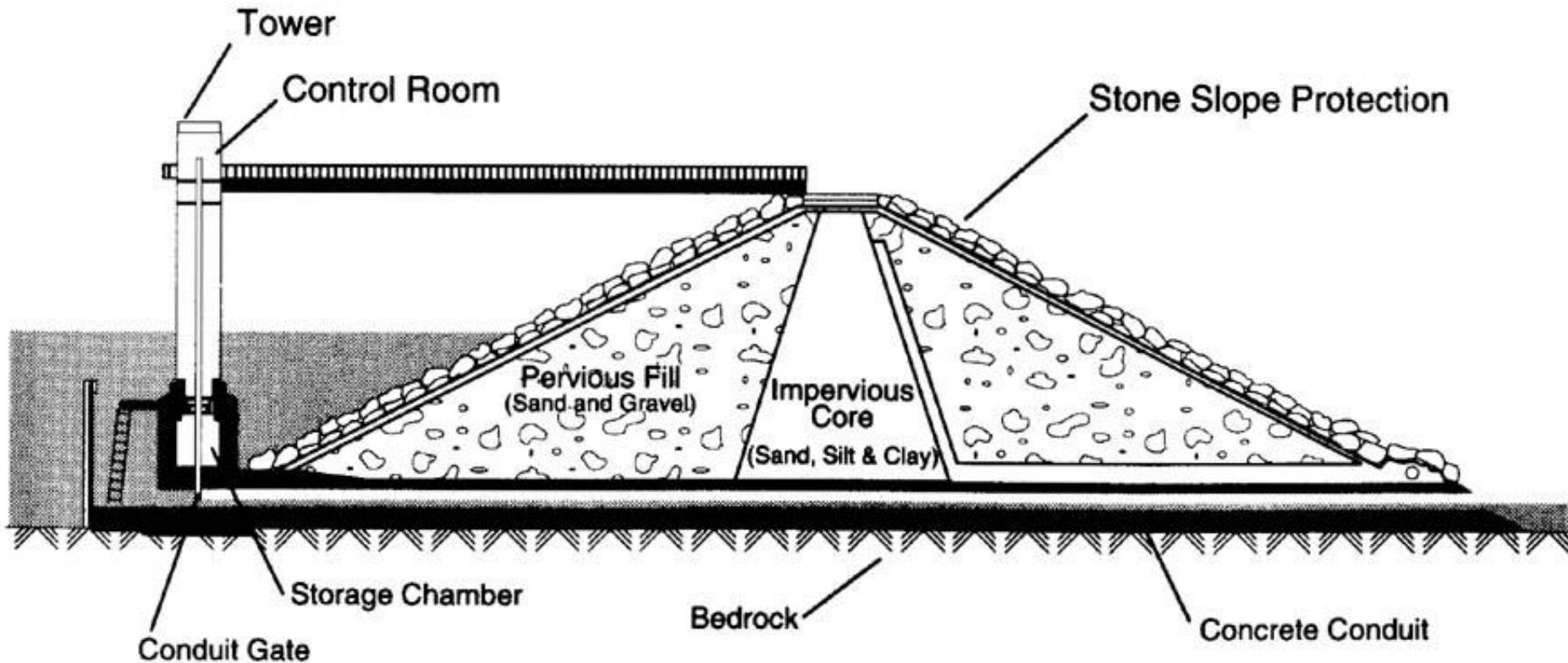
Goethite, East Haven



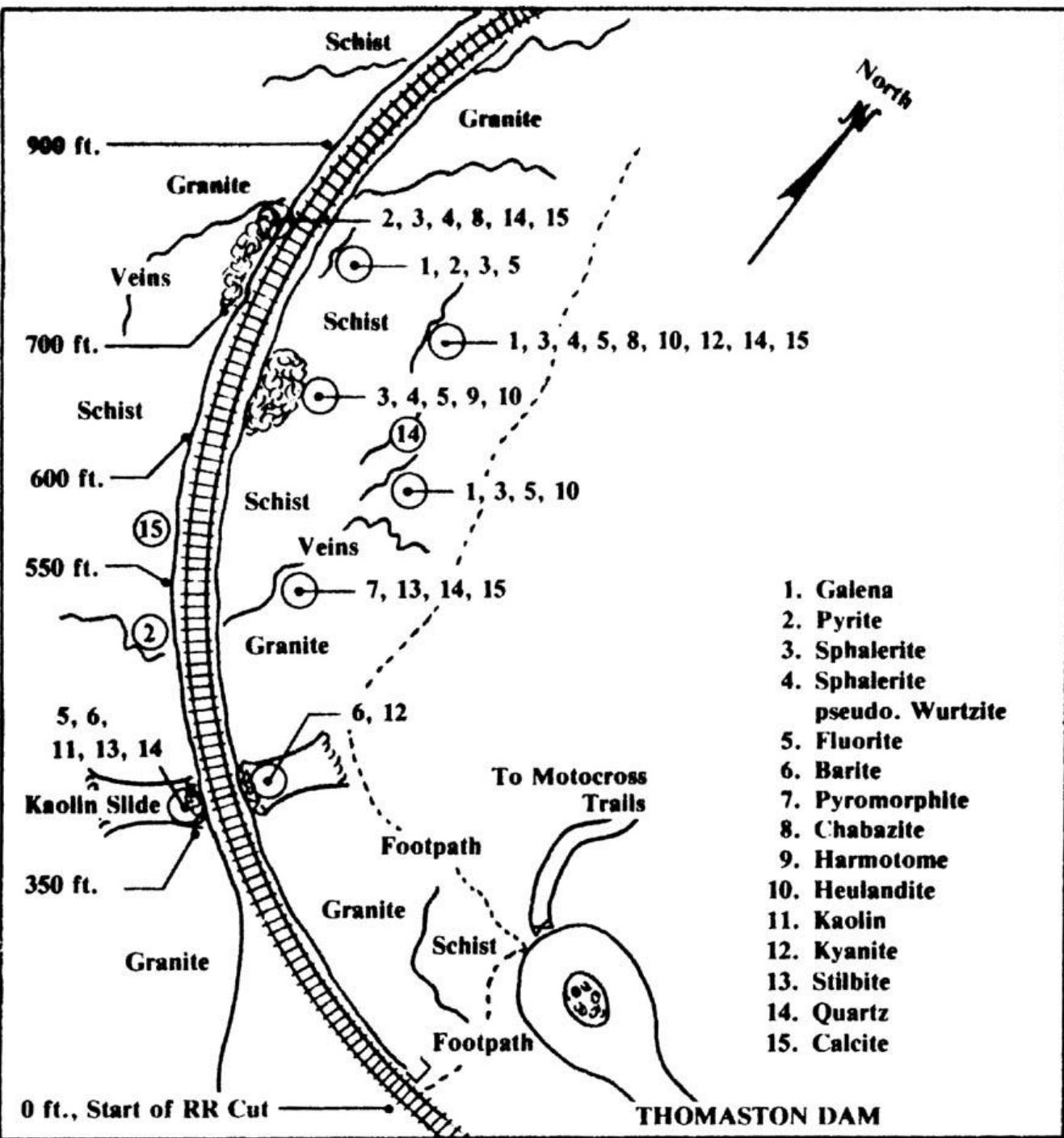
August 1955 City of Waterbury, Ct
Photo Courtesy Waterbury Republican American.



Thomaston Damsite Cut



Thomaston Dry Dam





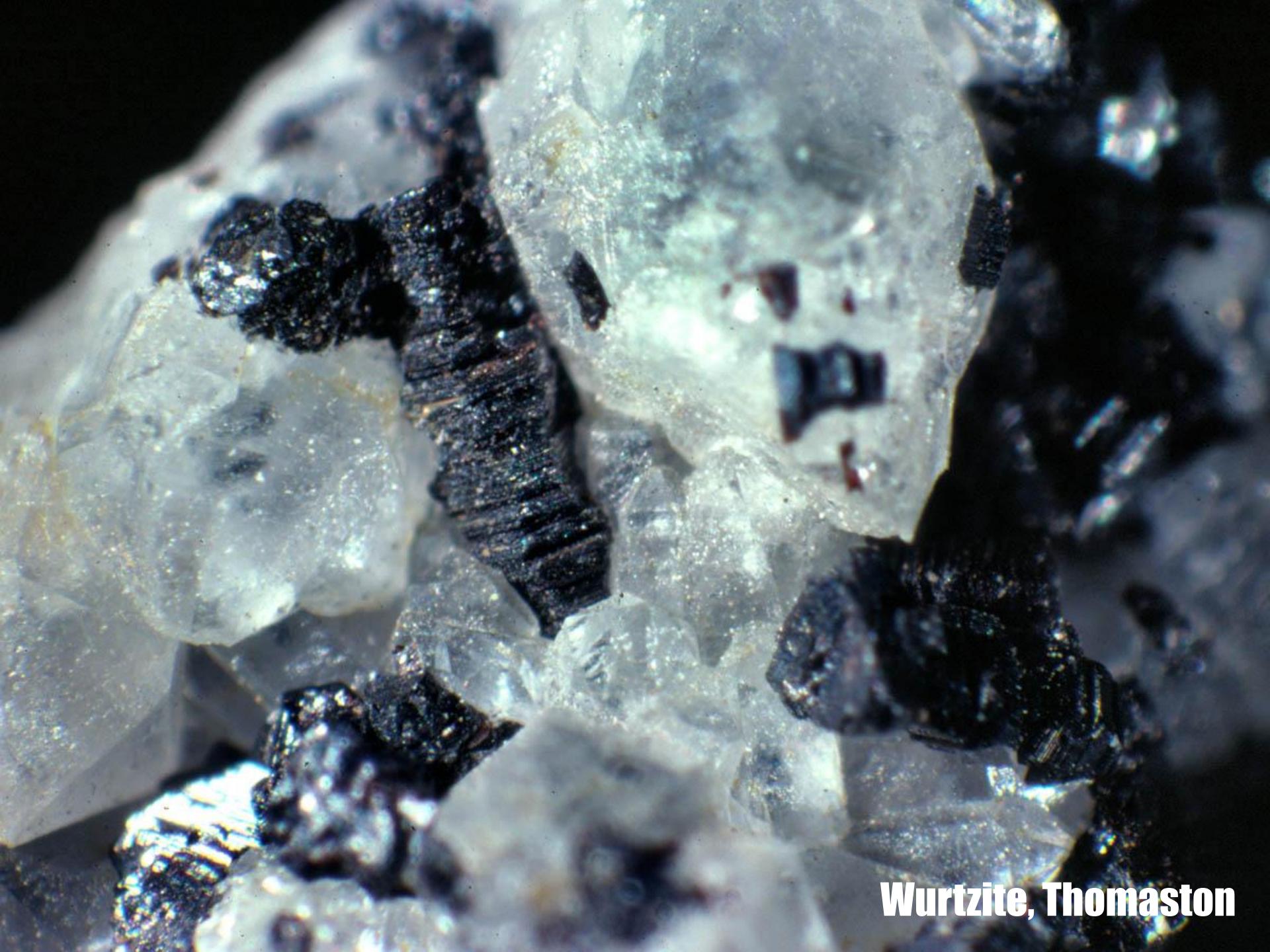
Heulandite, Thomaston



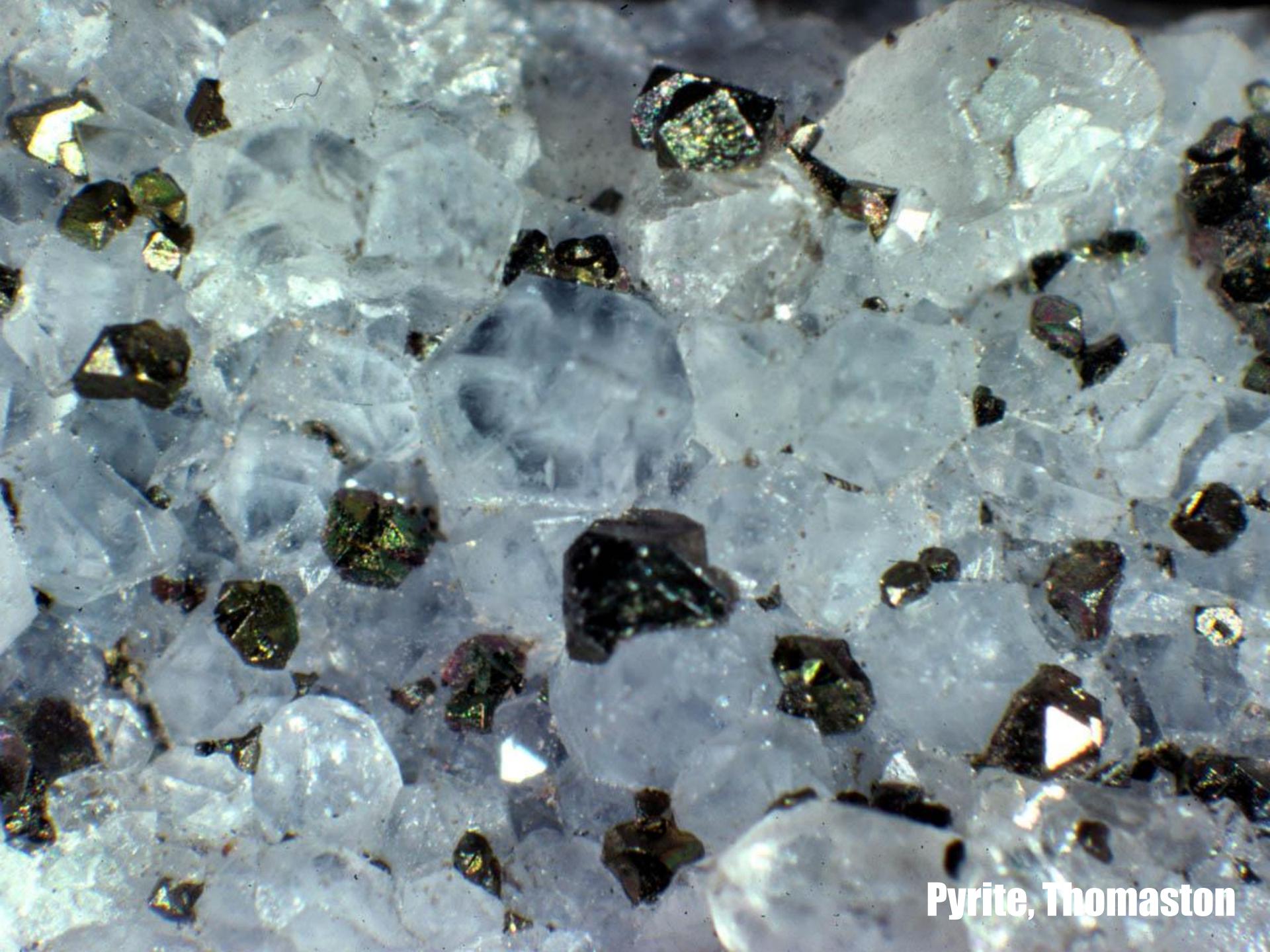
Pyrite Wurtzite, Thomaston



Stilbite, Thomaston



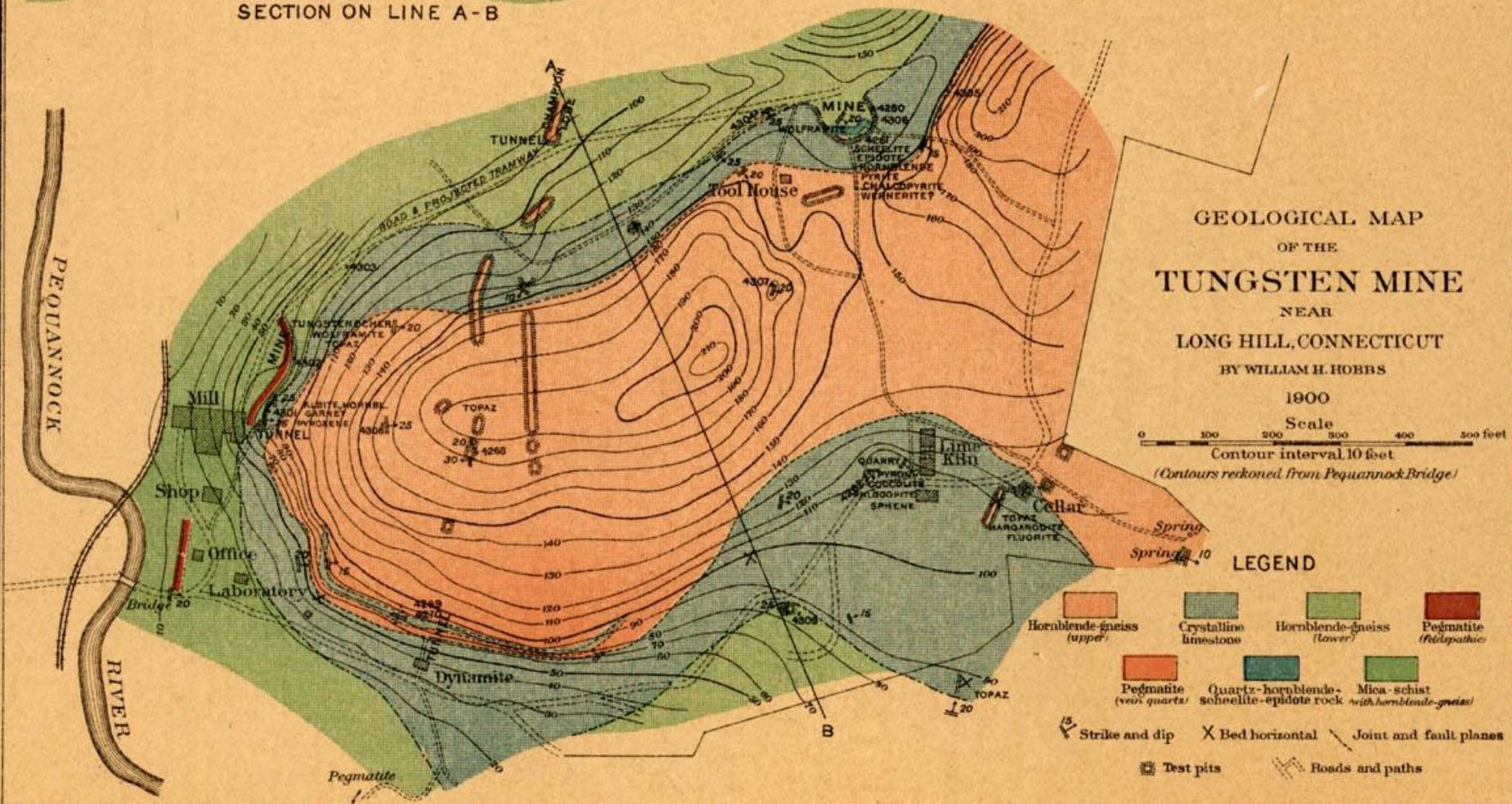
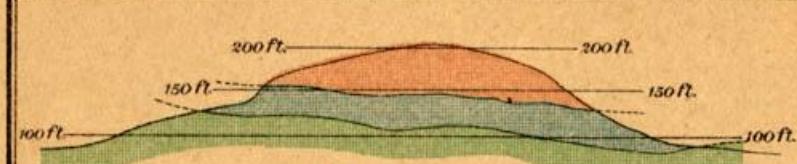
Wurtzite, Thomaston

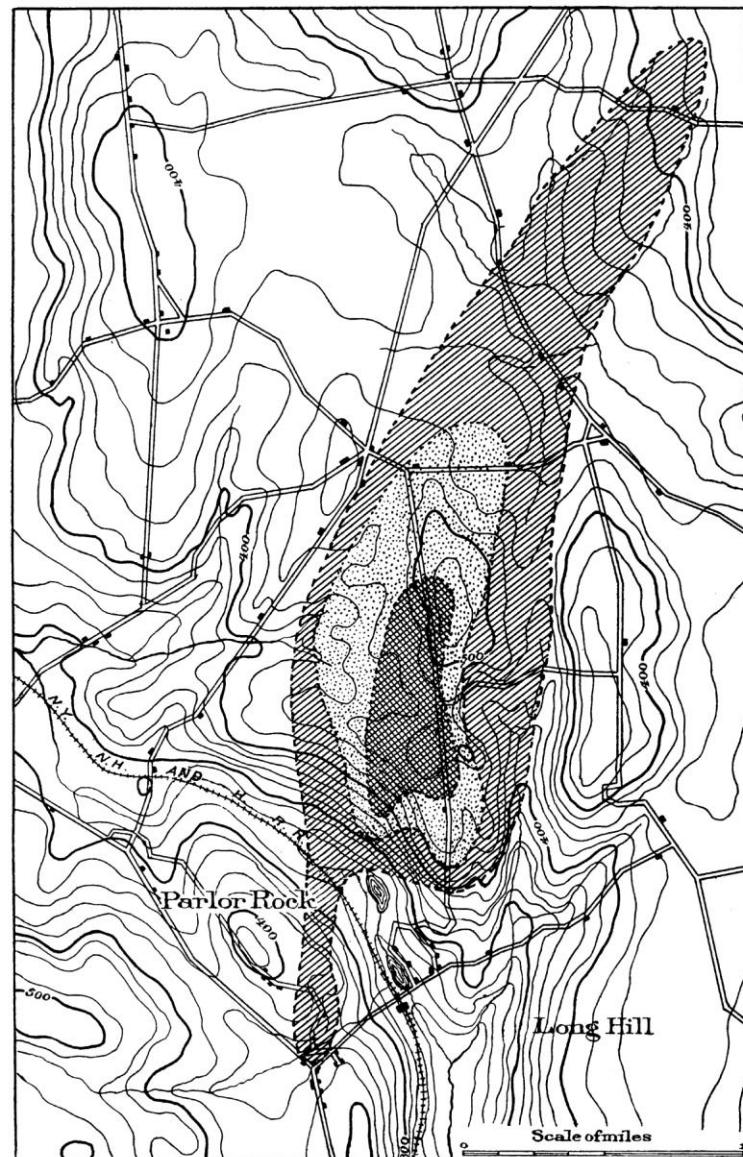


Pyrite, Thomaston

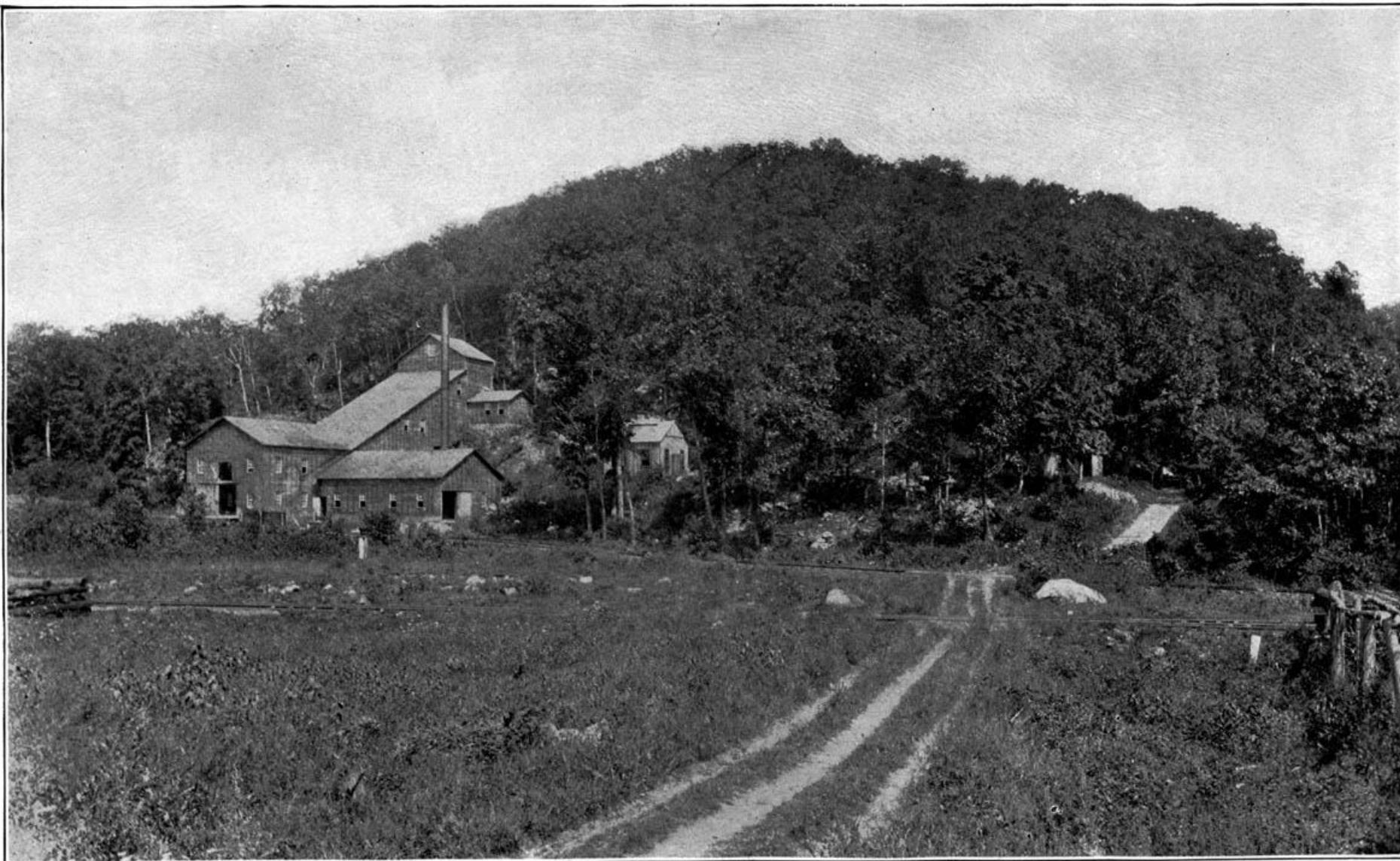


Fluorite Wurtzite, Thomaston



Schist-gneiss
complex.Lower
hornblende-gneiss.Crystalline
limestone.Upper
hornblende-gneiss.

GEOLOGICAL MAP OF THE VICINITY OF THE TRUMBULL MINE.



VIEW OF TUNGSTEN MINES, LONG HILL, CONNECTICUT.

In the foreground is seen the mill of the American Tungsten Mining and Milling Company.



W. G. LEVISON, PHOTO.

PLATE No. 95

(1898)

HUBBARD TUNGSTEN MINE

Trumbull, Conn. (Concentrating Mill, Since Destroyed by Fire)

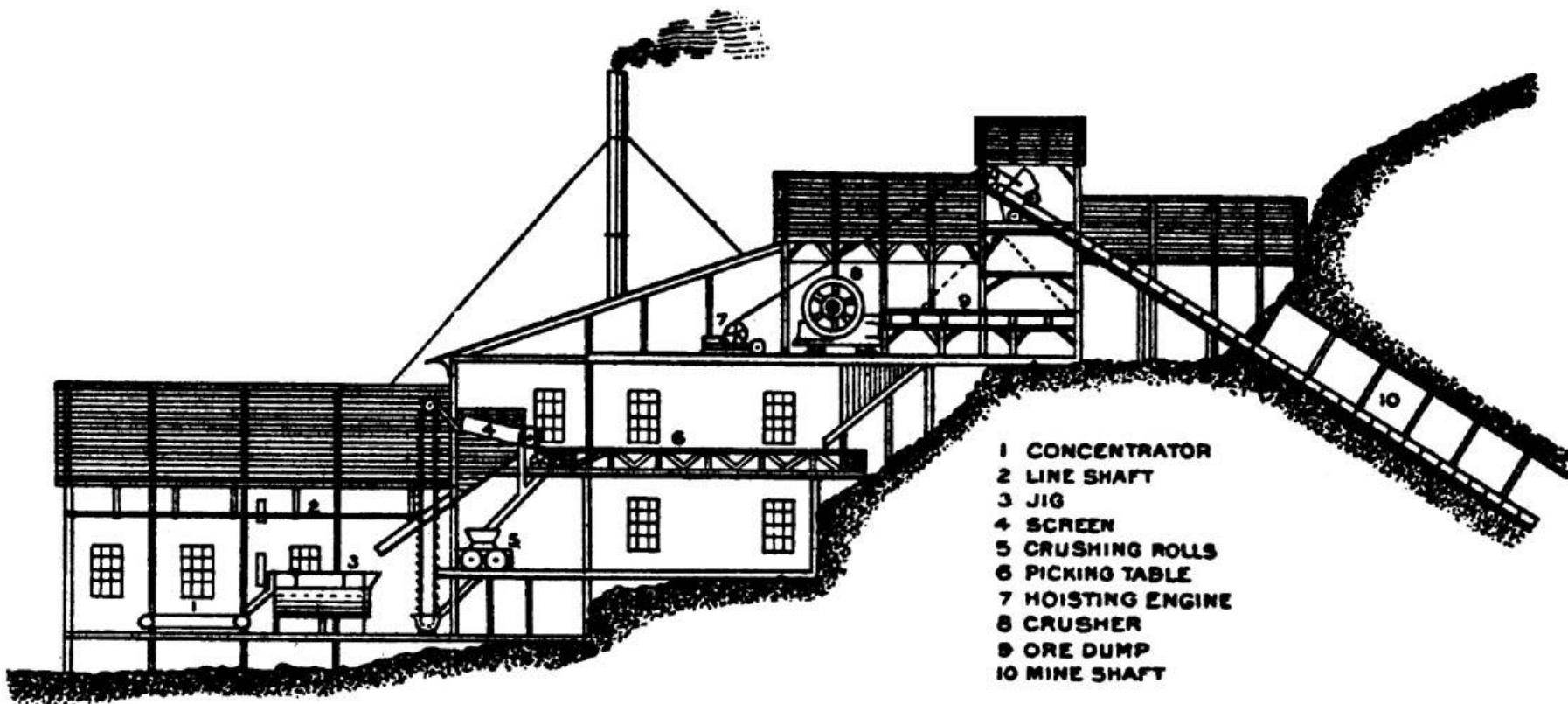
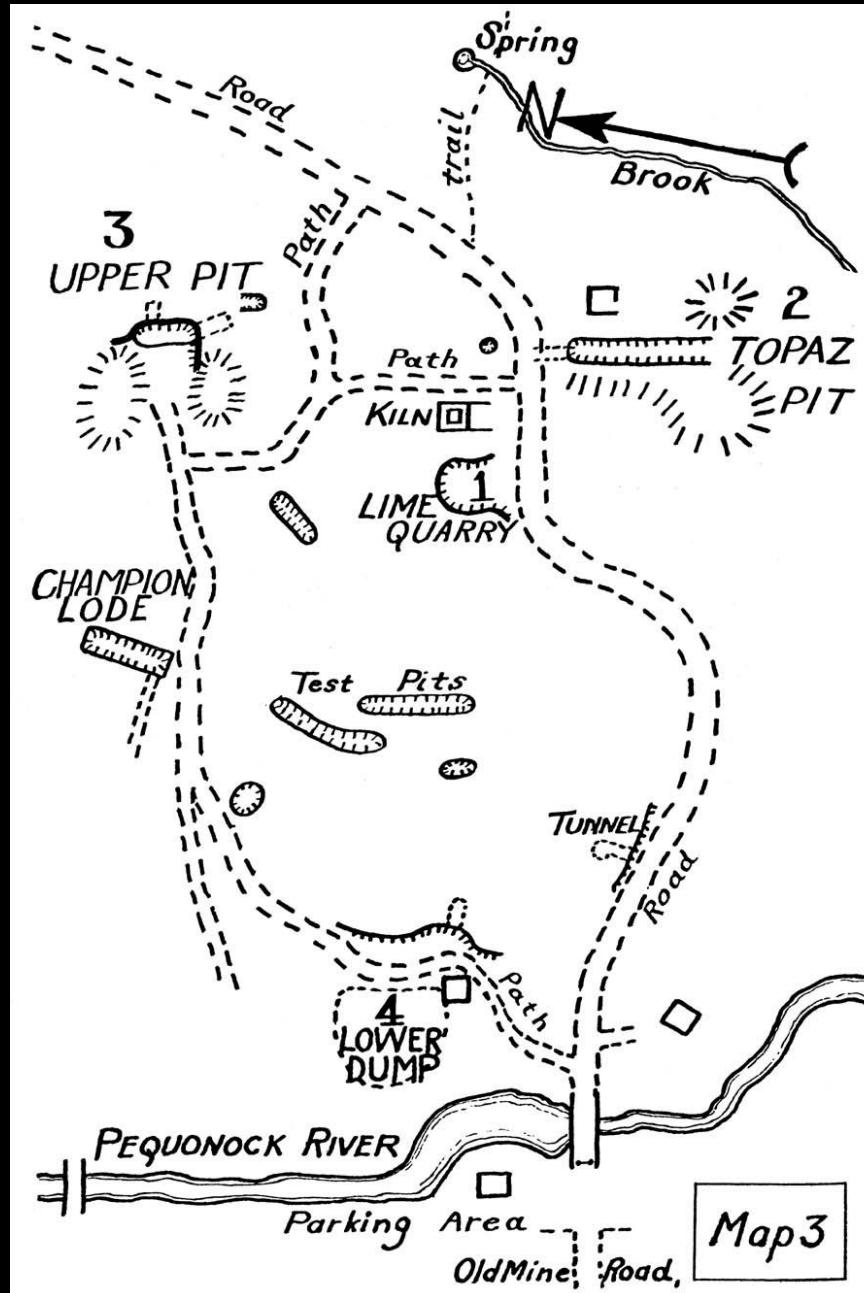
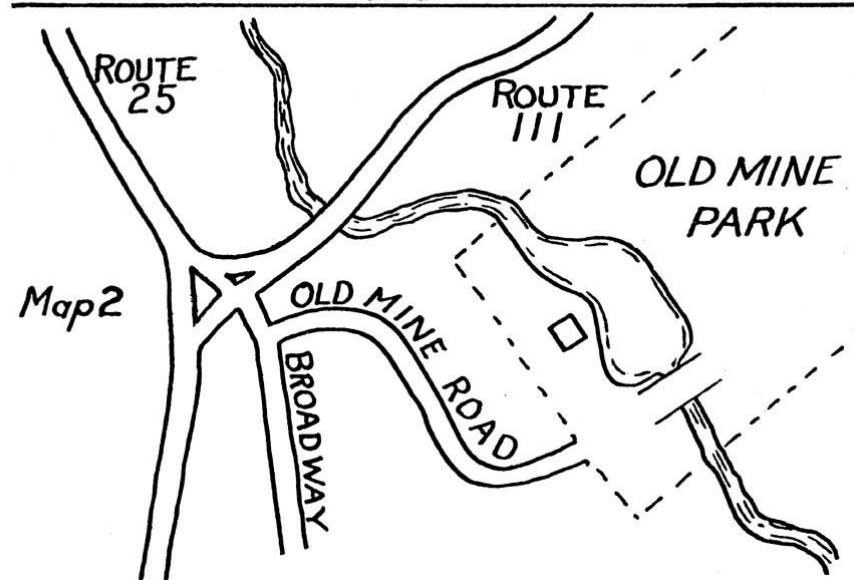
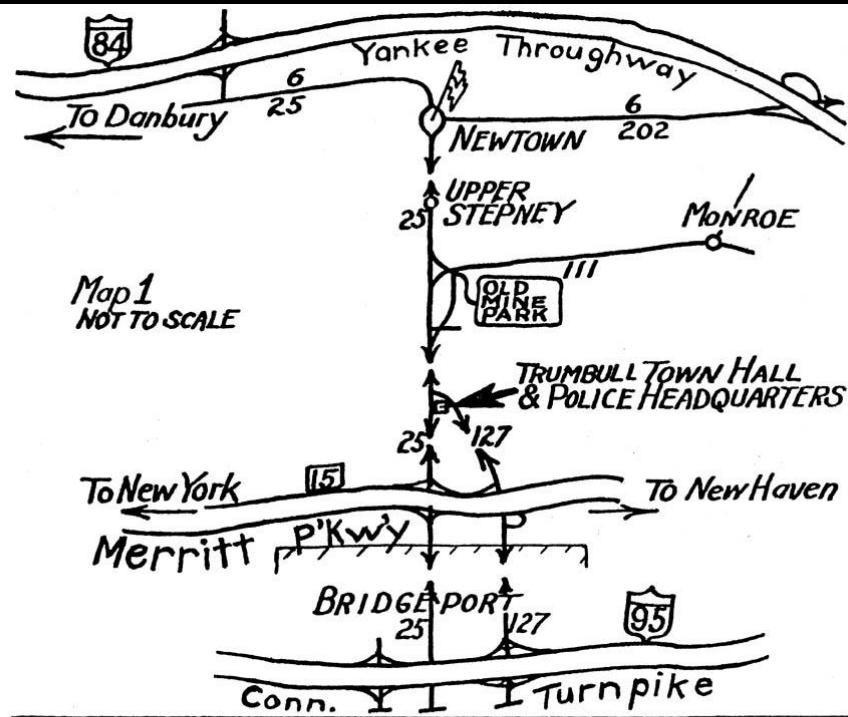


FIG. 1.—Diagram showing sectional elevation of mill.



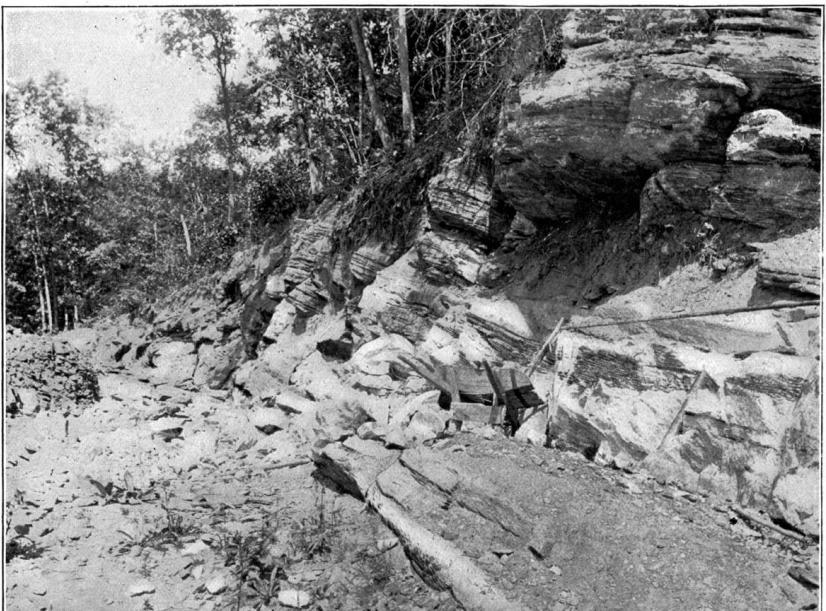
Lower Entry Pit, Trumbull, CT (1917)





A. VIEW OF THE MINE OPENING AT THE SUMMIT OF LONG HILL.

The floor is at the contact of the limestone which formed the original surface with the underlying hornblende-gneiss. The old shaft is the original opening of Lane's mine. The depressed area having rectilinear boundaries (faults) shows where the scheelite gangue rock has been removed.



B. VIEW OF THE LOWER OPENING AT THE LONG HILL MINES, NEAR THE MILL.

The crystalline limestone is filled with metamorphic minerals, and dips at a low angle to the north.



A. FAULT IN LIMESTONE IN THE WOODS TO THE EAST OF THE LONG HILL MINING PROPERTY.



B. FAULTS IN LIMESTONE AT MAIN OPENING ON SUMMIT OF LONG HILL.

The crumpling of the limestone along the fault plane is strongly marked.



Champion Lode Trumbull, CT



Upper Pit, Long Hill Mine, Trumbull



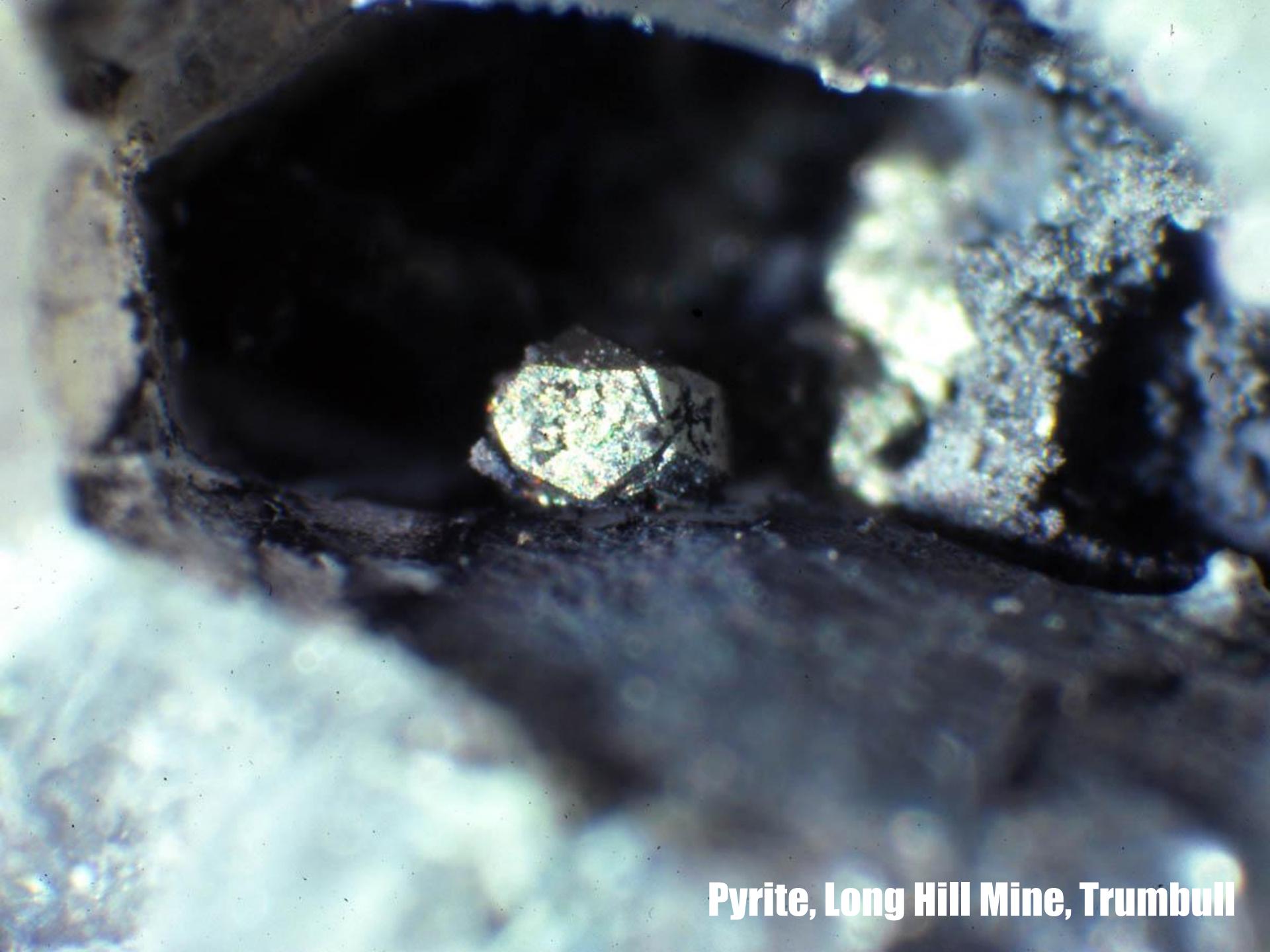
Upper Pit, Long Hill Mine, Trumbull



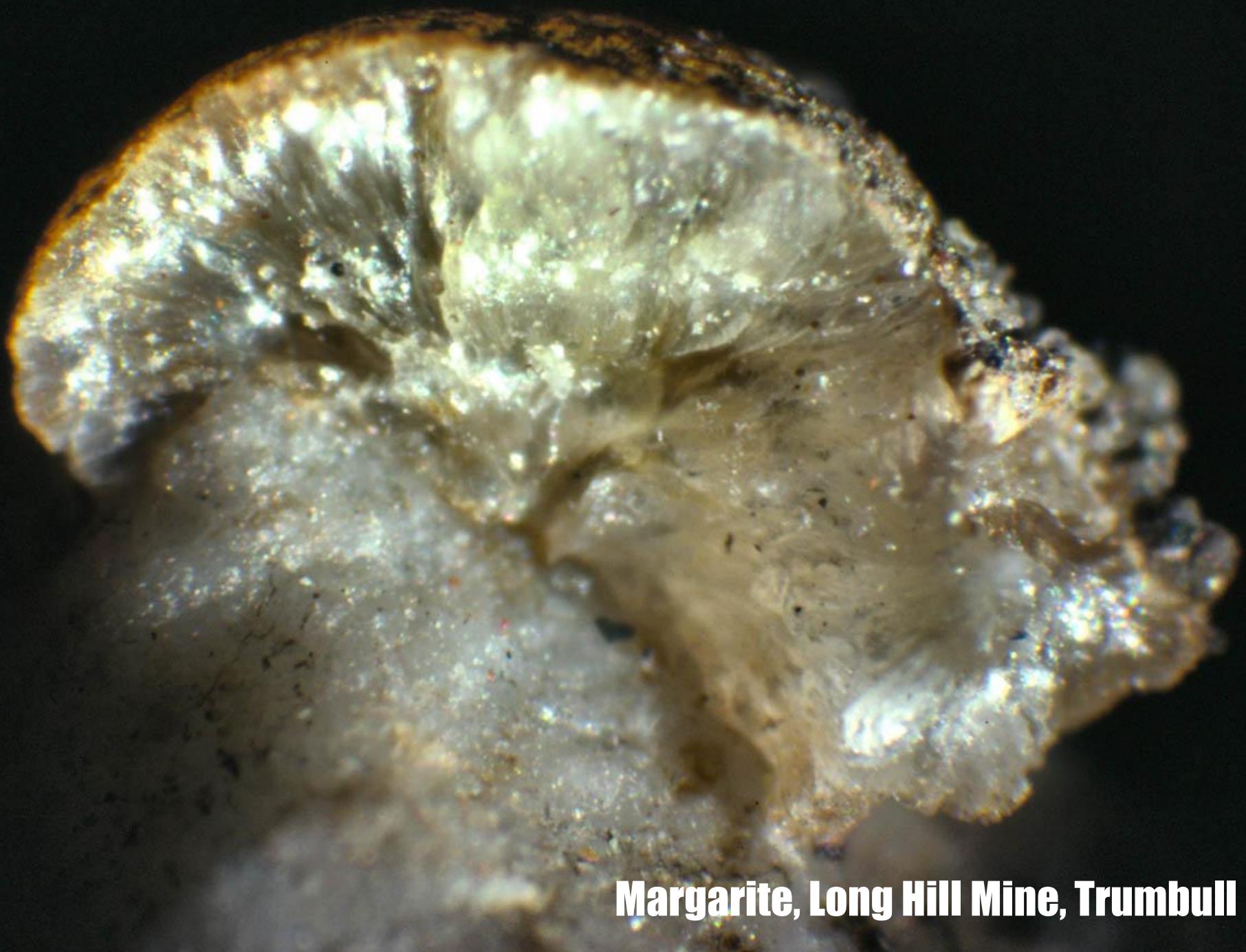
Upper Pit, Long Hill Mine, Trumbull



Upper Pit, Long Hill Mine, Trumbull



Pyrite, Long Hill Mine, Trumbull



Margarite, Long Hill Mine, Trumbull



Wolframite pseudomorph after Scheelite, Lanes Mine, Monroe



Pook La Juke



Staurolite, West Torrington



Kyanite, West Torrington



Kyanite, West Torrington



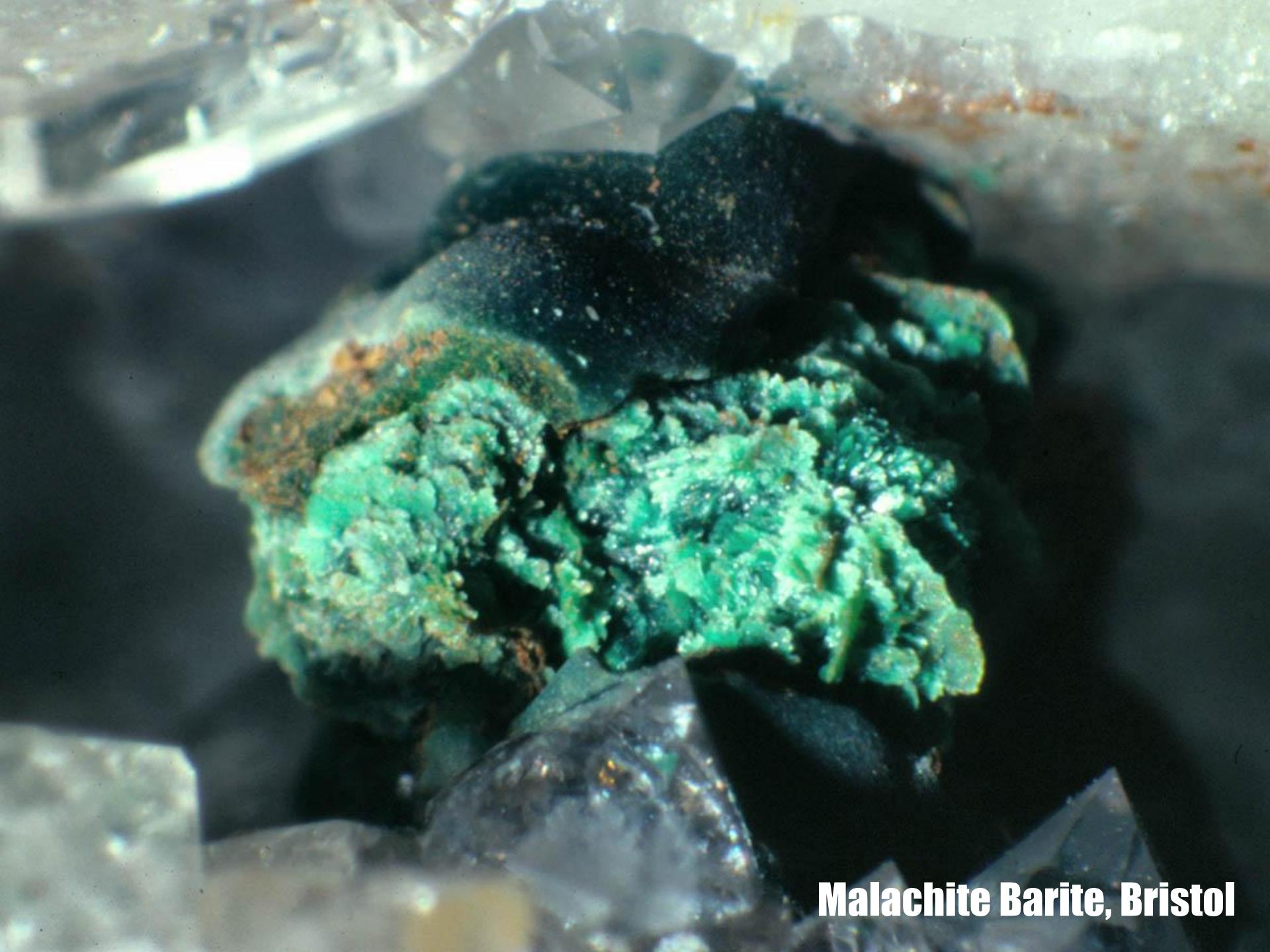
Ilmenite, West Torrington



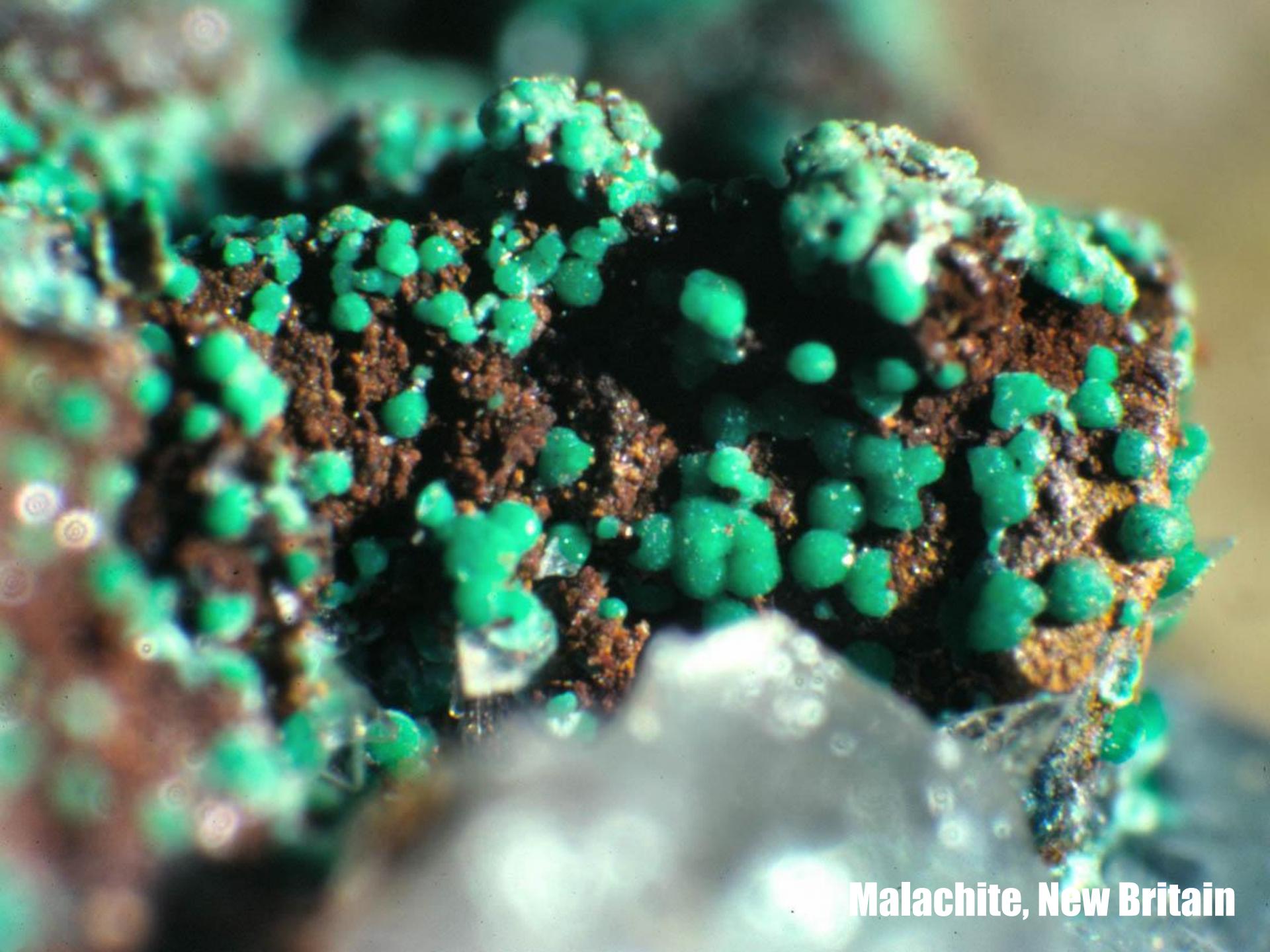
Malachite Quartz, New Britain



Malachite Barite, Cheshire



Malachite Barite, Bristol



Malachite, New Britain



Malachite, New Britain



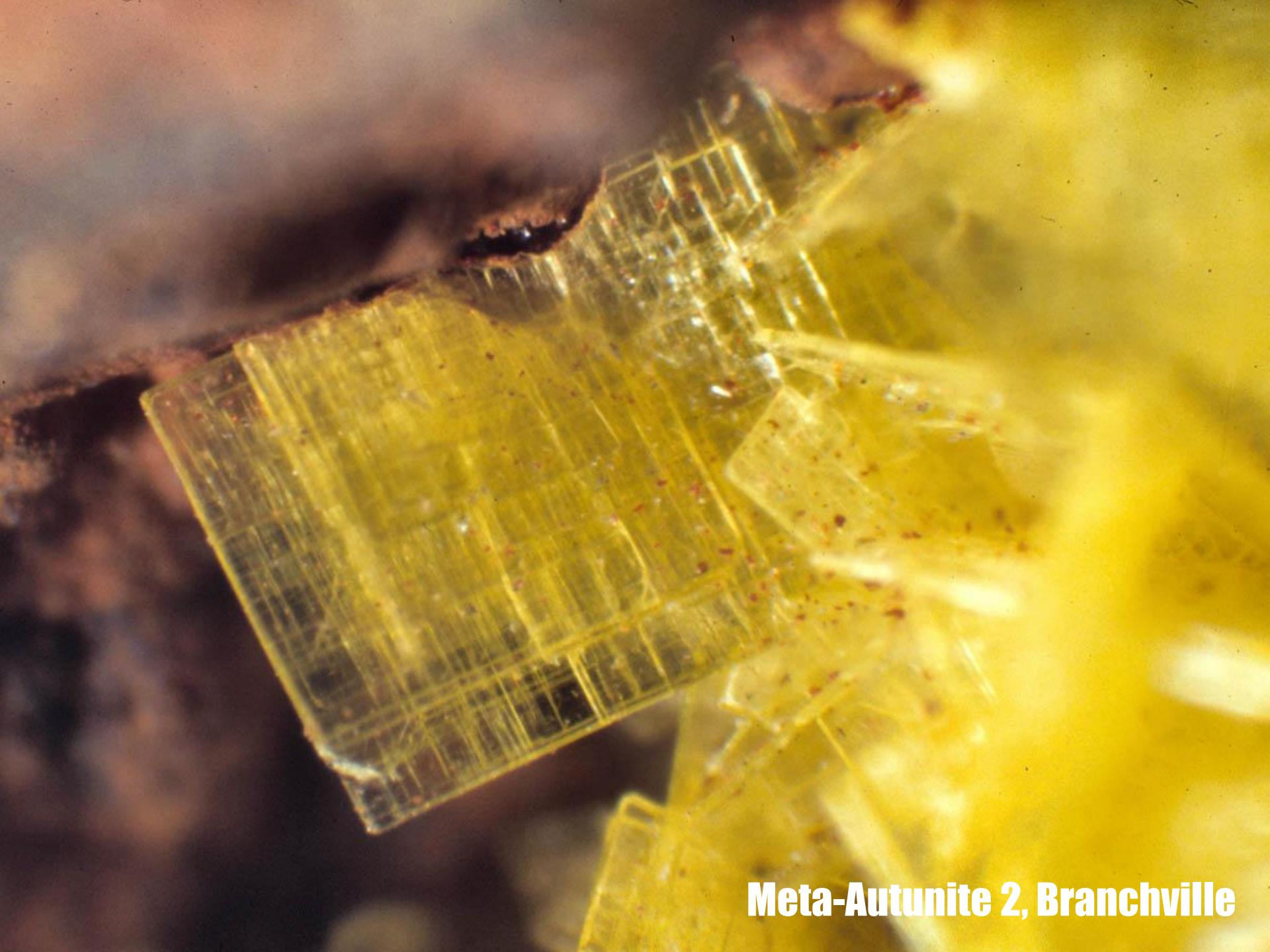
Magnesium, Canaan



Plumose Muscovite, Woodbury



Meta-Autunite, Branchville



Meta-Autunite 2, Branchville



Spodumene, Strickland Quarry



Tremolite, Canaan

