



INTRODUCTION

This map is part of a regional study of the resources of New England and has been compiled from published sources and from information in the files of the U. S. Geological Survey. The suggestions of several geologists familiar with the State are incorporated in the map.

Mines, quarries, prospects, and mineral occurrences shown on the map are listed by counties together with the source or sources of information used. Map symbols are keyed to the locality lists by a numbering system that is independent for each county. Where a group symbol includes localities in two adjacent counties the number given is listed under both counties. Where practical, some of the individual localities that are included in a single group symbol are listed in the text; such lists, however, are not necessarily all inclusive but merely representative of the individual mines and quarries in the area covered by and adjacent to the symbol. Some localities described only in older literature may not be accurately located on the map because descriptions are indefinite or town boundaries have been shifted. Names of those known to be only approximately located are followed by asterisks in the locality lists.

Mineral raw materials, or commodities, worked or occurring at each locality are indicated by abbreviations on the map; where a single locality includes multiple commodities, no more than two principal ones are indicated. Byproducts are not shown.

The mineral occurrences and prospects located on the map have not proved commercial. Only the best known of all the occurrences reported in the literature are shown. The terms "mine" and "quarry" are used largely as they are used in the source material. Inasmuch as interpretation of these terms varies considerably, some of the localities so designated may be little more than prospects and may not have been commercial operations. No field checking was done during this compilation.

Periods of activity and present condition of workings are not indicated on the map. None of the metal mines that are located have been in production since 1925, and most were worked only in the nineteenth century. Relatively few of the quarries shown were worked in 1955.

In this report, "marble" indicates recrystallized carbonate rocks used for their lime content as well as for building and crushed stone; "dolomite marble" is specified where enough information is available. The term "crushed stone" is used only for trap-rock quarries. Other dimension- and crushed-stone quarries are classified according to rock type, such as granite, sandstone, limestone, and serpentine. Pegmatite localities where only one or two mineral commodities have been or may be significant are designated as feldspar, mica, or beryl. Elsewhere the inclusive term "pegmatite minerals" is used.

Localities and sources of information

Fairfield County

1. granite quarries near Greenwich (Dale, 1923a, pl. 28 and p. 362-365)
2. Hall granite quarry (Dale, 1923a, pl. 28 and p. 364-365)
3. Burlington (Parsons) granite quarry (Dale, 1923a, pl. 28 and p. 361)
4. Wilton lead mine (Schaier, 1931, p. 107) *
5. Long Hill tungsten mine, Trumbull (Hobbs, 1901, pl. 1)
6. Lane's mine, Monroe (Day, 1885)
7. Brookfield lead mine (Schaier, 1931, p. 107) *
8. Connecticut Agstone Co. quarries (Moore, 1935, p. 35) *
9. marble quarries (Moore, 1935, p. 36)
10. Redding Marble Co. quarry (Moore, 1935, p. 36-37)
11. West Redding garnet deposit (Agar and Krieger, 1932)
12. Ridgefield marble quarries (Moore, 1935, p. 38-39)
13. Branchville mica mine (Cameron et al., 1954, pl. 42)
14. Connecticut Infusoria Co. deposit (Harte, 1945)

Hartford County

1. pegmatite quarries in Hartford and Middlesex Counties (Cameron et al., 1954, fig. 6; Bastin, 1910, p. 45, 50-51; Stugard, 1955, p. 59-68)

Howe quarry—Hartford Co.
Hollister mica-beryl prospect—Hartford Co.
Hale quarry—Middlesex Co.
Case beryl prospects—Middlesex Co.
Bordonaro beryl prospect—Middlesex Co.
Gotta-Walden mica-beryl prospect—Middlesex Co.
Andrews quarry—Middlesex Co.

2. Glastonbury granite quarries (Dale, 1923a, fig. 86)
3. Spinnelli samarskite prospect (Stugard, 1955, p. 68-69)
4. East Glastonbury feldspar quarry (Bastin, 1910, p. 43-44)
5. Bristol granite quarries (Dale, 1923a, pl. 28)
6. Bristol copper mine (Bateman, 1923, p. 122)
7. Simsbury mines (Weed, 1911, p. 35-36)
8. Newgate mine
9. Highty mine
10. lead mine (Schaier, 1931, p. 107) *
11. Knapp mica prospect (Cameron et al., 1954, p. 302)

Litchfield County

1. Crissey granite quarry (Dale, 1923a, pl. 28 and p. 370-371)
2. Canaan marble quarries (Dale, 1923b; Moore, 1935, p. 21-24)
3. New England Lime Co. quarries
4. Conn. Lime Co. quarry
5. Allyndale Lime Co. quarry
6. Peet mine, Salisbury limonite district (Keith and Harte, 1935)
7. U. S. Gypsum Co. quarry (Moore, 1935, p. 24)
8. Salisbury limonite district (Keith and Harte, 1935)
9. Davis (Forbes) mine
10. Porter mine
11. Salisbury limonite district (Keith and Harte, 1935)
12. Ore Hill (Old Hill, Brookpit) mine
13. Chatfield mine
14. Indian Pond mine, Salisbury limonite district (Keith and Harte, 1935)
15. Lime Rock quarries (Moore, 1935, p. 26)
16. Battle Hill quarries (Moore, 1935, p. 25)
17. iron mine (Schaier, 1931, p. 103)
18. iron workings (Schaier, 1931, p. 103)
19. Pine Mountain (Tunxis State Forest) kyanite occurrence (Schaier, 1931, p. 111)
20. Satan's kingdom asbestos (pyrophyllite?) deposit (Schaier, 1931, p. 111; U. S. Geol. Survey files)
21. Torrington granite quarries (Dale, 1923a, pl. 28 and p. 373-375)
22. West Torrington nickel mine (Blake, 1883; Gregory and Robinson, 1907) *
23. Mascetti granite quarry (Dale, 1923a, pl. 28 and p. 370)
24. West Cornwall kaolin mine (Loughlin, 1905, p. 15) *
25. Green Mountain mine (Cameron et al., 1954, p. 305)
26. Benedict granite quarry (Dale, 1923a, pl. 28 and p. 369-370)
27. Mount Prospect nickel deposits (Cameron, 1943)

Middlesex County

1. Kent mine, Salisbury limonite district (Keith and Harte, 1935)
2. Roebing mica-feldspar-beryl mine (Cameron et al., 1954, p. 305-307)
3. Marbledale quarries (Harte, 1945)
4. Roxbury iron mine, Mine Hill (Keith and Harte, 1935)
5. Rockside granite quarry, Mine Hill (Dale, 1923a, pl. 28 and p. 371-372)
6. Roxbury Falls granite mine (Schaier, 1931, p. 109) *
7. Plymouth granite quarry (Dale, 1923a, pl. 28 and p. 372-373)
8. Plymouth garnet occurrence (Shepard, 1837, p. 66) *

Howe quarry—Hartford Co.
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Gotta-Walden mica-beryl prospect—Middlesex Co.
Andrews quarry—Middlesex Co.

2. pegmatite group east of Portland (Cameron et al., 1954, fig. 6)
3. Strickland-Cramer mines
4. Hale-Walker beryl prospect
5. State Forest mines Nos. 1 and 2
6. Chatham (Great Hill) cobalt-nickel mine (Schaier, 1931, p. 108-109; Stugard, 1955, p. 80-83)
7. garnet mine (Schaier, 1931, p. 110)
8. pegmatite group (Cameron et al., 1954, fig. 6; Sterrett, 1923, p. 69)
9. Markham mica mine
10. Reeb mica mine
11. Joseph Holberg quarries
12. Slocum beryl prospect (Cameron et al., 1954, fig. 6)
13. pegmatite group (Cameron et al., 1954, fig. 6)

New London County

1. Seiden property
2. Enegren (Power) mica mine
3. Anderson No. 1 and 2 mica mines
4. Bailey mica prospects
5. Rock Landing quarry
6. Gillette (Haddam Neck, J-J mine) quarry (Cameron et al., 1954, fig. 6)
7. Roberts mica prospect (Cameron et al., 1954, fig. 6)
8. pegmatite group (Cameron et al., 1954, fig. 6)
9. Toll Gate mica-feldspar mine
10. Consolidated mine (White Rocks feldspar quarries)
11. Riverside quarry
12. Benvenue granite quarries (Dale, 1923a, pl. 28 and p. 375-376)
13. Middletown lead-silver mine (Rice and Foye, 1927, p. 82; Foye, 1949, p. 82; Stugard, 1955, p. 83)
14. Portland brownstone quarries (Gregory and Robinson, 1907; Harte, 1945)
15. Coe Lime Co. quarry (Moore, 1935, p. 42)

New Haven County

1. Milford green marble quarry (Shepard, 1837, p. 101-102)
2. New Haven green marble quarry (Shepard, 1837, p. 101-102)
3. Malby Lakes lead-silver deposit (Schaier, 1931, p. 107) *
4. Holbrook and Potter granite quarries (Dale, 1923a, pl. 28, p. 376-377, 384-385)
5. Seymour arsenic and nickel mine (Schaier, 1931, p. 109)
6. Stevenson (Bowers Hill) mine (Weed, 1911, p. 37)
7. Southford quartz-feldspar quarry (Cameron et al., 1954, p. 341)
8. Tallman's mine (Schaier, 1931, p. 104-105)
9. Townsend property (Weed, 1911, p. 37)
10. Copper Valley mine (Schaier, 1931, p. 105)
11. Jenny's Hill barite mine (Harte, 1945)
12. barite mine (Schaier, 1931, p. 111)
13. Quarry Hill trap quarry (Longwell and Dana, 1932, pl. 8, p. 176)
14. garnet occurrence at North Madison (Shepard, 1837, p. 66-67) *
15. granite quarries near Stony Creek (Dale, 1923a, pl. 28 and p. 377-382)
16. Sachem Head and Leete Island granite quarries (Dale, 1923a, pl. 28 and p. 382-384)

New London County

1. granite quarries in Lyme (Dale, 1923a, pl. 28 and p. 389-390)
2. MacCurdy granite quarry (Dale, 1923a, pl. 28 and p. 390-391)
3. granite quarries in East Lyme (Dale, 1923a, pl. 28 and p. 388-389)
4. New London granite quarries (Dale, 1923a, p. 394-399)
5. Scott granite quarry (Dale, 1923a, pl. 28 and p. 394)
6. Salter granite quarry (Dale, 1923a, pl. 28 and p. 385-386)
7. McIntosh granite quarry (Dale, 1923a, pl. 28 and p. 386)
8. Eckerlein and Kopp granite quarries (Dale, 1923a, pl. 28 and p. 386-387)
9. McGaughey quarry (Dale, 1923a, pl. 28 and p. 387-388)

10. Pawcatuck granite quarries (Dale, 1923a, pl. 28 and p. 392-394)
11. Lantern Hill silica mine (Gregory and Robinson, 1907; Rice and Gregory, 1906, p. 136-139)

Tolland County

1. "Lead Mine Hill" graphite prospects—Tolland and Windham Counties (Schaier, 1931, p. 110)
2. Petersen granite quarry (Dale, 1923a, pl. 28 and p. 399-400)

Windham County

1. "Lead Mine Hill" graphite prospects—Windham and Tolland Counties (Schaier, 1931, p. 110)
2. Larrabee granite quarry (Dale, 1923a, pl. 28 and p. 402-403)
3. Sterling-Oneco granite quarries (Dale, 1923a, pl. 28 and p. 400-402)
4. kaolin deposit in Killingly (Mather, 1834, map and p. 20)

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MINERAL DEPOSITS AND OCCURRENCES IN CONNECTICUT EXCLUSIVE OF CLAY, SAND AND GRAVEL, AND PEAT

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