



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 by a single group symbol are listed; such lists, however, are not necessarily all inclusive. 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. 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.

Localities designated as prospects or mineral occurrences 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. All of the metal mines that have produced significant quantities of ore have been inactive since 1900. Relatively few of the quarries shown were worked in 1955. "Marble" indicates recrystallized carbonate rocks used for their lime content as well as for building and crushed stone. Other dimension and crushed-stone quarries are classified according to rock type where known. Pegmatite localities where only one or two mineral commodities have been or may be significant are designated as feldspar, mica, silica, or beryl. Elsewhere the inclusive term "pegmatite minerals" is used.

LOCALITIES AND SOURCES OF INFORMATION

- Belknap County**
1. Storrs prospect (Cameron et al., 1954, p. 106).
- Carroll County**
1. Jackson tin mine (Hitchcock, 1878, p. 66-68).
2. Thorn Mountain iron (Jackson, 1844, p. 145).
3. Iron Mountain iron mine (Hitchcock, 1878, p. 57-60).
4. Banks, Burke, and Hoyt mines (Hitchcock, 1878, p. 63-64).
5. Madison mine (Hitchcock, 1878, p. 62-63).
6. White Diamond gold mine (Meyers, 1941a).
7. Pocket Mountain gold prospect (Meyers, 1941a).
8. Weeks quarry (Cameron et al., 1954, p. 107).
9. Moultonboro nepheline syenite (Quinn, 1937).
10. Redstone granite quarries and White Mtn. quarry (Dale, 1923, p. 185).
11. Fletcher granite quarry (Dale, 1923, p. 170-171).
12. swamp SW of Rattlesnake Mtn. (McNair, 1941).
13. "Chalk Pond" (McNair, 1941).
14. Millard Chandler (North Star) mine (Olson, 1950, pl. 2).
- Cheshire County**
1. Keene district pegmatite group (Olson, 1950, pl. 2).
2. Clicking mine
Porter Bros.
Damazac
3. George Porter mine (Cameron et al., 1954, p. 133).
4. Keene district pegmatite group (Cameron et al., 1954, pl. 2; Olson, 1950, pl. 2).
5. Lyman (Granite State Mica Co.'s) mine
Pitzgibbon (Parson) mica mine
Provender mica prospect
Harry Craig
Lakin
6. Keene district pegmatite group (Olson, 1950, pl. 2).
7. Russell
Turner mine
Windham quarries
8. Keene district pegmatite group, Cheshire and Sullivan Counties (Cameron et al., 1954, pl. 2; Olson, 1950, pl. 2).
9. Allen feldspar quarry
Colony feldspar mine
Douglas
Kimball
Yuhas feldspar mines—Sullivan Co.
6. Britton feldspar mine (Cameron et al., 1954, pl. 2).
7. Keene district pegmatite group (Cameron et al., 1954, pl. 2; Olson, 1950, pl. 2).
8. Kirk No. 2 (Blake) mine
Nichols (Keene Mica Products Co.'s) mine
Blister mine
French mica mine
Beauregard (Boynton) mica mine
Burroughs beryl prospect
Island mica mine
Big (Gleason-Victory) mine
Smith Hill
Tripp No. 1
Kiddier mine
Eames
Wheeler
Converse
Jones
Pomfroy
Jack Reed
Osborne mine (Condon prospect, Clark mine)
9. Fletcher mine (Olson, 1950, pl. 2).
10. Surry Dam (Cameron et al., 1954, Olson, 1950, pl. 2).
11. Brooks, Price, and Pelkey mines (Olson, 1950, pl. 2).
12. Howe ledge beryl prospect (Cameron et al., 1954, p. 125).
13. Lincoln molybdenum mine (Meyers, 1941a).
14. Westmoreland fluorspar district (Bannerman, 1941a).
15. Stoddard mine
Pierce mine
16. Aliber feldspar mine (Olson, 1950, pl. 2).
17. Richmond soapstone quarry (Meyers, 1941a).
18. Fitzwilliam Depot granite quarries (Dale, 1923, p. 171-174).
19. swamp west of Rockwood Lake (McNair, 1941).
20. Gap Mountain sillimanite deposit (Fowler-Billings, 1944).
21. Halfway House sillimanite deposit (Fowler-Billings, 1944).
22. Beech Hill sillimanite deposit (Fowler-Billings, 1944).
23. Oobb Hill sillimanite deposit (Fowler-Billings, 1944).
24. Newell, Old "lead", and Osgood graphite mines (Meyers, 1941a).
25. Webb Marlboro quarry (Dale, 1923, p. 174).
- Coe County**
1. Dalton gold mine (Hitchcock, 1878, p. 46-47; Meyers, 1941a).
2. Masot lead mine (Meyers, 1941a).
3. Stevens lead prospect (Meyers, 1941a).
4. Shelburne lead mine (Hitchcock, 1878, p. 64-65).
5. Fischer mica prospect (Cameron et al., 1954, p. 139).
6. Milan mine (Earl, 1950).
7. Nay mine (Meyers, 1941a).
8. Kilkenny granite quarry (Dale, 1923, p. 176-177).
9. Dawson granite quarry (Dale, 1923, p. 177).
10. Pike Pond diatomite deposit (McNair, 1941).
11. Umbagog Lake diatomite deposit (McNair, 1941).
12. Indian Stream placers (Hitchcock, 1878, p. 6-7).
- Grafton County**
1. Grafton district pegmatite group, Grafton and Sullivan Counties (Cameron et al., 1954, pl. 1; Olson, 1950, pl. 2).
2. DeMott mica mine
Carpenter mica mine
United mica mine
Saunders (Haile or Buckley) mica mine
Prescott (Lovering or Robinson) mica mine
Gage
Bennett
Aaron Ledge mica prospect—Sullivan County
2. Banks Pinnacle silica deposit (Meyers, 1941b).
3. Thurman Powell (E. E. Smith No. 2) prospect (Cameron et al., 1954, pl. 1).
- Hillsboro County**
1. silica deposits in Hillsboro and Merrimack Counties (Meyers, 1941b).
2. New Boston quartz deposit (Meyers, 1941b).
3. Hodgdon soapstone quarry (Meyers, 1941a).
4. Franconia Soapstone Co. quarry (Meyers, 1941a).
5. South Lyndeborough silica mine (Meyers, 1941b).
6. Temple silica deposit (Meyers, 1941b).
7. Mason silica deposit (Meyers, 1941b).
8. Brookline granite quarries (Dale, 1923, p. 191-192).
9. Stevens granite quarry (Dale, 1923, p. 193).
10. Milford granite quarries (Dale, 1923, p. 181).
11. Merrimack rutile mine (Hawes, 1878).
12. Bedford quartz deposit (Meyers, 1941b).
13. Manchester granite quarry (Dale, 1923, pl. 1).
- Merrimack County**
1. Silica deposits, Merrimack and Hillsboro Counties (Meyers, 1941b).
2. Dunbarton deposit
Goffstown deposits—Hillsboro County
3. Pond south of Pleasant Lake (McNair, 1941).
4. Elkins mine (Olson, 1950, pl. 2).
5. Grafton district pegmatite group (Cameron et al., 1954, p. 265; Olson, 1950, pl. 2).
6. Powell feldspar (Mica Queen) mine
Wilnot
Wetherbee prospects
Currier
Bog Mountain
North Star
7. Garnet Products Co. (North Wilnot) mine (Conant, 1935, p. 395-396).
8. Severance Hill (Ford) garnet mine (Conant, 1935, p. 396-397).
9. Grafton district pegmatite group (Cameron et al., 1954, pl. 1; Olson, 1950, pl. 2).
10. Pickwick (Tenney) mica mine
Danbury mica mine
Jake Patten mica prospect
Howe mine
8. soapstone quarry (Meyers, 1941a).
9. Hodgdon soapstone quarry (Meyers, 1941a).
10. Concord granite quarries (Dale, 1923, p. 195-202).
11. Bailey (Allenstown) granite quarry (Dale, 1923, p. 193-194).
12. Browns Brook deposit (Meyers, 1941b).
13. The Pinnacle (Meyers, 1941b).
14. West Hooksett deposit (Meyers, 1941b).
15. Campbell Hill deposit (Meyers, 1941b).
16. Hall Mtn. silica deposit (Meyers, 1941b).
17. Silverdale mine (Hitchcock, 1878, p. 65).
- Rockingham County**
1. Candia quartz deposit (Meyers, 1941b).
2. Auburn granite quarry (Dale, 1923, p. 202).
3. Raymond pegmatite district (Olson, 1950, pl. 2).
4. Smith mine
Chandler mine
Smith No. 2 and No. 3 mines
Welch mine
Blake mine
5. Corson mine and Vatcher mine (Olson, 1950, pl. 2).
6. Flint Hill silica deposit (Meyers, 1941b).
7. New Market silver mine (Meyers, 1941a).
8. Isola crushed stone quarry (G. W. Stewart, 1955, written communication).
- Stratford County**
1. White Ledge quartz prospects (Meyers, 1941a).
2. pegmatite group (Cameron et al., 1954, p. 270-273; Olson, 1950, pl. 2).
3. Parker Mtn. (Foss or Foss Ledge) mica mine
Ashburn Collins mine
3. John Felker mica prospect (Cameron et al., 1954, p. 270).
4. Langmaid granite quarry (Dale, 1923, p. 202-203).
- Sullivan County**
1. Grafton district pegmatite group, Sullivan and Grafton Counties (Cameron et al., 1954, pl. 1; Olson, 1950, pl. 2).
2. Aaron Ledge mica prospects
7 mines in Grafton County
3. Columbian Gem mine and Reynolds mica prospect (Cameron et al., 1954, pl. 1).
4. Grafton district pegmatite group (Cameron et al., 1954, pl. 1; Olson, 1950, pl. 2).
5. Colby mica mine
Melvin Hill mica prospects
Globe mica mine
Plymouth mine
6. Dunbar Hill silica deposit (Meyers, 1941b).
7. Keene district pegmatite group, Sullivan and Cheshire Counties (Cameron et al., 1954, pl. 2; Olson, 1950, pl. 2).
8. Yuhas feldspar mines
Colony mine—Cheshire County
Allen mine—Cheshire County
Douglas—Cheshire County
Kimball—Cheshire County
9. Keene district pegmatite group (Cameron et al., 1954, pl. 2; Olson, 1950, pl. 2).
10. Beryl Mountain pegmatites
Grant
Balla
Johnson
7. Johnson feldspar mine (Meyers, 1941a).
8. Langdon silica deposit (Meyers, 1941b).
9. Neal pyrites mine (Hitchcock, 1878, p. 51).
10. Gidden Hill deposit (Meyers, 1941b).
11. Sargeant mica mine (Cameron et al., 1954, p. 287).
12. pegmatite group (Cameron et al., 1954, pl. 41).
13. G. F. Smith mine
Chandler Mills mine
14. Crocydon pyrites mine (Hitchcock, 1878, p. 50-51).
15. Crocydon Flat base metal prospect (J. B. Lyons, 1956, written communication).
16. Justin Nichols mica prospect (Cameron et al., 1954, p. 284).
17. Ledge Pond (Trow Hill) mica mine (Cameron et al., 1954, p. 282).
18. Paul mica prospect (Cameron et al., 1954, p. 286).
19. Sunapee granite quarry (Dale, 1923, p. 204-205).
20. Spectacle Pond granite quarry (Dale, 1923, p. 203).
21. Gashen graphite mine (Hitchcock, 1878, p. 91).
22. Plainfield marble quarry (J. B. Lyons, 1956, written communication).
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MINERAL DEPOSITS AND OCCURRENCES IN NEW HAMPSHIRE, EXCLUSIVE OF CLAY, SAND AND GRAVEL, AND PEAT

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