INDEX
TO
TOPOGRAPHIC MAPS
OF
NEW HAMPSHIRE
United States Geological Survey

NEW HAMPSHIRE
MINES AND MINERALS LOCALITIES

by
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2nd Edition

PROPERTY OF
N.H. STATE GEOLOGIST

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Preface

The purpose of this booklet (and the ones for the other New England States) is to record, in one publication, as much information as is pertinent about each mineral locality, past and present. Unfortunately, the locality data for many old sites has been lost. Such sites are listed in this booklet enclosed in /--------/.

There are probably many bits of misinformation included since, once made, mistakes of identification or locality are hard to eliminate. For example, many editions of Dana's Mineralogy have listed Lyme as an important locality for cassiterite. It is doubtful whether this is true, but, after covering every square foot of the township it can not be proved untrue. Where mistakes are obvious (e.g. Beryl Mountain in 'West Andover') or can be traced to the source (e.g. "thorianite" from Alger Mine, Grafton, proved to be uraninite) they have been corrected.

The author would be pleased to hear from any user of this booklet concerning errors, additional information on sites or new localities.

The localities are listed under the townships where they occur with cross references if they lap over into neighboring towns. A few localities, because of better routing, are listed with neighboring towns. In which case the proper township is given in parenthesis after the locality name. General lists are of minerals reported from the township with no specific locality known. Unlocated or doubtful sites are listed with a / before and after. Good sites are given with directions. Poor or uninteresting localities are recorded with map locality numbers (see below).

The road directions start at a route junction or a spot easily identified with a road map. When more than one mine can be reached by the same route, the first part of the route is not repeated (e.g. "see above - Ruggles - to #1").

Maps are not included in this edition (much against the author's wish - Ed.) because they are extremely hard to reproduce satisfactorily without a complete re-drafting and they would add materially to the already high cost of the booklet.

After each locality name, where possible, a map reference is given in parenthesis. The system of references is based on the U.S. Geological Survey Topographic Quadrangles, scale 1/62,500. Each quadrangle is divided into nine rectangles covering 5 minutes of latitude and longitude. The rectangles are numbered from 1 to 9 begining in the NW corner and going in a reversed "S" pattern to the SE corner. Each rectangle is divided into nine smaller rectangles numbered in the same way (see map template). A continuation of the system results in a five digit index in which the area of the last digit is placed by judgment. A transparent map template is included for your convenience.

The author would like to insert a word of caution to the users of this booklet and mineral hunters in general. Remember that most of the mineral sites lie on private property and, whenever possible, the owner's permission should be obtained. Also remember that gates should be closed, standing hay and planted crops should not be walked through, and that fire is an ever present danger in forested areas. In other words, please make sure that other mineral hunters will always be welcome.

Also a word of caution - Rattlesnakes seem to be more abundant in the southern part of the state. Don't put your hands into spots that you cannot see.

This work is possible only through the time and information contributed by many people. We will especially mention:
Eldon Westover, Beebe River
Philip Foster, Dover
Clyde Smith, Somersworth
Clayton Ford, Lakeport
Roy Bagwell, Lakeport
Heman Chase, Alstead
Ralph Jacobs, Alstead
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Dr. Clifford Fronde, Harvard University
Harold Eastman, Lisbon
James Moore, Antrim
Andrew Batchovus, Milford
Lester Wright, Milford
Gunnar Bjorby, Boston, Mass.

Museums and Mineral Collections open to the public:

Woodman Institute, Dover: Open 2-5 (Except Monday) - A fine collection recently received.
Conant Hall, University of New Hampshire, Durham: Open Monday through Friday, 9-1, by appointment at Geology Dept. Office.
Rochester Public Library, Rochester: Open Monday-Thursday 2-9, Friday 2-9, Saturday 2-6. Collection on second floor, some fine old time specimens.

Natural History Museum, Wolfeboro: Open 10-5 (except Monday) during the summer - Small, good collection.
Antrim Library, Antrim: Open Tues., Thurs., Sat. afternoons - A small collection by local collectors.

Outstanding Collections outside New Hampshire:

American Museum of Natural History, New York City - Many New Hampshire specimens.

Mineral Shops:

Anderson’s Ranch, Campton
Mineral Shop, Jefferson Highlands
House of Color, Jackson
Mossadnock Mineral Shop, Marlboro
Rock Haven Mineral Co., Whitefield, N. H.
Pioneer Village, The Rock and Mineral Shop, West Thornton, N. H.

Acworth, Sullivan Co., - Bellows Falls, Claremont, Lovewell Mt. and Sunapee Quads.

General - andalusite (var. chiastolite).
/Mineral Location - 5 mi E of Charleston village - kyanite xtsL/
/Mineral Location - NW of Acworth village - kyanite xtsL/
/Cold River Locality - Mill on Gold River - staurolite. Beryl Mt. Mine. (Bellows Falls 3-8-5-6-2). Large workings and tunnel. Junct Rt 123A and road to Acworth in S. Acworth, 5 across brook, 0.1 mi, fork, 0.7 mi, walk SE up steep grade, 0.3 mi to mine - albite (var. cleavelandite), autunite; bertrandite; beryl (deep blue; golden; coffee brown, orange and common green); biotite; columnite-tantalite; garnet (var. almandine?); gummite; muscovite; pyrite xtsL; quartz (milky, rose and smoky); tourmaline (black); uranophane; uraninite; wadeite xtsL (white to colorless).
John Balla Mine. (Bellows Falls 3-8-5-9-3, 3-8-5-8-4, 3-8-5-2-1, 3-8-5-4-1, 3-8-5-4-7). Pegmatite. 5 cuts. (see above - Beryl Mt. - to #1), cont. S, 0.55 mi, mine road L, 0.6 mi - apatite; beryl; green and gem golden; muscovite; white garnet, Grant Mine. (Bellows Falls 3-7-4-2-9). Spar. 2 cuts.
Johnson Prospect. (Bellows Falls 3-5-5-2-6). Spar. Yuhas No. 1 Mine. (Bellows Falls 4-1-1-3-1). 2 cuts and underground workings - staurolite.
Yuhas No. 2 Mine. (Bellows Falls 4-1-2-1-7). Spar. Large open cut. 300 yds by road SE of Yuhas Mine - iron sulfides; muscovite; tourmaline (black).


General - andalusite (var. chiastolite); porphyries with transparent oligoclase or with color play.
/Swift River Locality - in Swift River near brook mouth from north near Passaconaway - quartz (amethyst)/
Passaconaway Gravel Pit. (Mt. Chocorua 2-2-3-3-7). Decayed granite pockets as at Lovejoy Pits, Conway. 1/19 mi W of Rt 16, S of Conway, road W to Lincoln, where road crosses Downes brook. - fieldspar xtsL; smoky quartz xtsL (abundant 2" x 4" loose in gravel at foot of ledge south side of road).

Alexandria, Grafton Co., - Cardigan Quad.

General - arsenopyrite; heterosite; ilmenite xtsL; lithiophylite.
Wadhams-Tucker Mine. (Cardigan 4-6-1-2-4). Mica. Junct Rts 104 (W) and 3A (N) in Bristol. Rt 3A (N), 0.45 mi, L (Rt 3A straight), 1.15 mi bear L, 0.8 mi, L, 1.05 mi # (Alexandria Village), straight, 0.25 mi, bear R, 1.2 mi, L, 1.35 mi #, R, 0.3 mi, trail 200 yds N - beryl; garnet; tourmaline (black).
Hutchins Hill Mine (New Haven Mica Mine). (Cardigan 4-6-6-9-9). Open cuts and small pits. (see above - Wadhams-Tucker - to #), straight, 0.6 mi to sharp R corner, park, walk S along W side of brook on mine road and trail 3/4 mi up north side of Hutchins Hill. Mine at summit at 2000 ft. elev. - beryl (yellow, white, blue-green, small xtsL); biotite; chlorite; garnet; microcline.
Monarch Mine. (Cardigan 4-1-7-5-1). Mica. 20 cuts, shaft filled. (see above - Wadhams-Tucker - to #), R, 1 mi, L, 2.75 mi, due S 150 yds. - garnets; pyrites.
Isaka Mine. (Cardigan 5-3-9-6-3). 1 med. open cut. S side of Fowler River, 400 yds E of Monarch Mine.
Marston Mine. (Cardigan 5-3-4-4-4-1). Several small cuts. (see above - Monarch Mine - to #), straight, 0.4 mi, straight, 0.1 mi, R onto old road, 0.175 mi, Welton Falls Trail N, 600 yds, due E 200 yds. - beryl; garnet, tourmaline (black).
Morgan Mica Prospect. (Cardigan 5-3-3-9-9-1). (see above - Marston), cont. on Welton Falls Trail, 700 yds, due E - biotite; chlorite; muscovite.
Truman Patten Mine. (Cardigan 5-3-4-9-6). Mica. 2 open cts. 
(see above - Marston Mine - to #), straight, 0.4 mi, L 0.3 mi, 
R, 0.2 mi to farm house, mine road N, 650 yds - albite; beryl; 
garnet; olivioclase; pyrite.

Jake Patten, Mica Prospect (Danbury). (Cardigan 5-9-5-2-5). Small 
cut. (see above - Wadham - to #), straight, 0.3 m, bear L 
0.55 mi, bear R, 1.1 mi, walk wood road S, 0.95 mi, L fork, 
200 yds to brook, up brook 0.5 mi to dump - garnet; muscovite.

Danbury Mica Mine (Danbury). (Cardigan 5-5-6-3-7). (see above - 
Jake Patten - to #), straight, 1 mi - autunite; beryl; biotite; 
chlorite; limonite; muscovite.

E. E. Smith Mine. (Cardigan 5-3-4-9-2-3). Lithia pegmatite. (see 
above - Jake Patten - to #), 0.05 mi, mine rd, goes N, 3/4 
mi to the mine (passable half way), at end of rd, L follow 
pipe line up hill, - Lower opening - columnite; garnet. Upper 
mine - allanite; arsenopyrite; autunite; beryl; axenlite; 
chondrillite; dicksonite xtal; pale olive green, botryoidal on albite; 
graftonite; gunite; ilmenite; laumontite; purple; quartz (rose 
and smoky); roescherite; rockbridgeite; sicklerite; siderite; 
strunite; uranopiane; vivianite; wittlite; zircon.

Mud Mine. (Cardigan 5-3-4-9-2-4). (On topo map as Alexandria Mine). Large underground workings now filled. Bad cave-ins, open cut. 
(see above - E. E. Smith - to #), straight, 0.55 mi, L 1/2 mi S to 
mine - apatite; beryl; biotite; garnet; herderite xtal; tourmaline 
(black).

Pattuck Mine. (Cardigan 5-4-8-2-5). 3 openings on N-S line and tunne 
(see above - Mud Mine - to #), straight, 0.4 mi, mine road 
leaves N, 1 mi to mine. - apatite; arsenopyrite; beryl (aquas 
golden); chalcopyrite; columnite-tantallite xtal; garnet; lauslite 
xtal; pyrite xtal; pyrrhotite; quarts xtal; sericite; tourmaline 
(black); uranopiane; vivianite; wittlite; zircon.

Fowler River. Shafts. (Cardigan 5-4-8-2-6 & 1). - (see Hayes Mine, 
Hebron for route).

Ake Mine. (Cardigan 5-3-4-6-7). Mica 
Brailey Hill Mine. (Cardigan 5-3-8-1-1). - fieldspar; mica (greenish). 
Rich Mine. (Cardigan 5-3-4-1-6). 2 open cts. - garnet; muscovite. 
Standard Mine. (Cardigan 4-1-8-2-3). Mica. 
Alexandria Mine. - see Mud Mine. 
Bullock Mine. - see E. E. Smith Upper Mine. 
New Haven Mica Mine. - see Hitchins Hill Mine.

Allentown, Merrimack Co., - Suncook Quad.

Bailey Granite Quarry. (Suncook 6-4-4-4-6)

Alstead, Cheshire Co., - Bellows Falls and Lovewell Mt. Quadrangle.

General - amblygonite; andradite; columnite; chlasiolite; kaolin; 
molybdenite; quarts (rose, asterated - fine sphenes have been cut) 
uranopiane.

/Nyan Mine - fieldspar. 
/Whitehall Mine - fieldspar/.

Ed Clark Mine. (Bellows Falls 4-8-3-9-4). Rt 123 in E. Alstead, Rd S 
to Gilsum, 1 mi #, L 0.35 mi, bear R, 0.15 mi, park, old 
road straight, 300 yds, to right (W) - beryl 

Britton Mine. (on topo sheet) (Bellows Falls 4-8-4-4-3). Tunnel in 
cliff. (see above - Ed Clark - to #), straight, 0.95 mi, L fork, 
road on L (E), 750 yds - beryl (yellow and greenish); microcline; 
muscovite; uranopiane.

Big Mine (includes Davis, Gilsum & Bowers, Golding-Keene, Rhoda, 
Tripp No. 2 and Victory). (Bellows Falls 8-9-7-8-4 to 9-3-1-1-1). 
Fieldspar and mica. (see above - Britton - to #), straight, 0.9 mi, 
on both sides of road - autunite; beryl; biotite; garnet 
gemmy); garnite; monmorillonite; quarts (rose - tourmaline 
(black); uranopiane; uranopiane.

Clark Mine. (Bellows Falls 9-2-3-3-6). 250 yds SW of Big - beryl xtal 
terminated.)
Kendall Mine. (Becky Falls 4-2-6-1-6). Feldspar - microcline.
muscovite, tourmaline (black).
Porter Bros. Mine. (Becky Falls 9-5-7-9-1). 3/4 mi SE of
Slade Cemetery and 5 mi E of Town Rd - bluish soda spar.
Smith Mill Mine. (Bellevue Falls 4-9-5-5-2). 2 openings. Feldspar
<feldspar xtal (large); muscovite; quartz (smoky).
Tripp Mine. 1 Mine. (Becky Falls 9-2-3-1-8). 2 mi NW of island
Mine - beryl; muscovite (large xtal); quartz (rose and smoky);
tourmaline (black).
Wheeler Mine. (Becky Falls 9-2-1-2-2). 2 prospect pits. Feldspar
Austad Mine. See Lyman Mine.
Boynton Mine. See Beaucercard.
Davis Mine. Part of Big M.
Granite State Mine. See Lyman Mine.
Farson Mine. See Fitchbogen Mine.
Rhoda Mine. Part of Big M.
Victory Mine. NE end of Big M.

Alton, Belknap Co., - Alton, Winnebago, Gilmanton and Wolfeboro
Quads.

General - arsenopyrite (quantity); galena.
/Pine Mt. - (Gilmanton 3-3-4). - feldspar xtal; quartz xtal/.
/Avery Hill. (Gilmanton 3-2). - sillimanite xtal/.

Amherst, Hillsborough Co. - Milford Quad.

General - microcline; oligoclase.
/Jonathan Hartshorn Farm (1840). (Milford 5-6 & 7). 2 mi W of
village - quartz xtal; amethyst, 3", plowed up/.
/Old Laminite Mine/.
/Old Lime Kiln/.

Old Granite Quarry. (Milford 5-5-4-6-4). Junc Rte 122 and 101 in
Amberst, Rte 101 E. 1.25 mi*; "Ye Old Country Store", due
350 yds - calcite xtal; limonite, magnetite xtal (2"), in decayed
granite; pyrrhotite.

Joppa Hill locality. (Milford 2-9-3-4-4). (see above - Old Granite
- to +), cont.; 3.9 mi. L, 1.15 mi to crossroad, straight 1.45
mi. L, 0.2 mi, walk SW down gully 650 yds - grossularite xtal
(4"), paragastropod, pyroxene; vesuvianite xtal (used to illustrate
Dana).

Andover, Merrimack Co., - Mount Kearsarge, Penacook and Holderness
Quads.

General - almandite.
/Potter Place. - graphite.
Ragged Mts. (see also Danbury). (Mt. Kearsarge 3-2-4-3). -
andalusite xtal; kyanite, quartz (rose).

Antrim, Hillsborough Co. - Hillsborough and Lovell Mt. Quads.

Graphite Mine. (Hillsborough 6-9-7-2-1).

Auburn, Rockingham Co., - Manchester and Suncook Quads.

Devil's Den Mineral Locality. (Manchester 2-3-4-4-3). Rt 121,
crossroad at Auburn Village, Rte 121 S. 1.5 mi., 100 ft E of road,
trail near old stone pond - tremolite

Auburn (Hazelton) Granite Quarry. (Suncook 6-9-7-5-3). "Deep
Auburn Pink" Granite: 7 mi E of Manchester. - apatite; biotite;
magnetite, microcline xtal (pink, 2"), quartz (smoky); gneon,
Granite Quarry. (Manchester 2-3-1-3-7). - Hazelton Granite Quarry (see Auburn Granite Quarry).

General - amethyst (2 stones in Am. Nat. Hist. Museum); chalcopyrite; columbite; cordierite; ilmenite; kyanite (1 4" x 3" fine); magnetite; molybdenite; pyrite; quartz; stilbantaitite; topaz; zircons.

Grafton Mica Works. /Howard Copper Prospect. /Jasper Cave. (Gorham 1-3-6-8-2). (Ask directions locally). W of trail on S side of Jasper Mt. at 1200 ft elev. - Jasper (large quantities of green and yellow).

Bethlehem, Grafton Co., - Whitefield, Franconia, Crawford Notch, Mt. Washington, and Littleton Quads.

Rosebrooks Gap, (Crawford Notch 1-1-5-9). - beryl; fluorite; quartz (smoky); a few rods SE of notch - quartz (amethyst); near notch - red jasper.


General - almandite /Early Iron Furnace.

Bridgewater, Grafton Co., - Holderness and Cardigan Quads.

Lead Mine. (Cardigan 4-3-3-8-5). on Whitemore Pt, Newfound Lake.

Brentwood, Rockingham Co., - Hampstead and Mt. Pawtuckaway Quads.

Old Iron Mines - limonite; melanterite; sulphur.

Bristol, Grafton Co., - Holderness and Cardigan Quads.

/Dunbar Graphite Mine. 160' tunnel.

Brookline, HILLSboro Co., - Milford and Groton Quads.

/Granite Quarry. On hillside E of highway between Brookline and North Brookline.

/O Rourke Granite Quarry, (Groton 2-1) E end of Brookline Village.

Erickson Granite Quarry. (Milford 7-8-3-5-6).

Fessenden Granite Quarry. (Groton 2-6-1-2-6). 200 yds W of South Brookline Station.

Kimbolicki Granite Quarry. (Milford 7-8-5-1-8).

Campton, Grafton Co., - Plymouth Quadrant.

General - beryl; xtal; (fine).

Mad River Falls. (Plymouth 5-5-7-9-7). between upper and lower villages - analcite xtal (very small).

Old "Gold" Mine. (Plymouth 8-1-4-3-7). accessible only by wading. Tunnel at falls on Beebe River in cliff. Go N on highway E of Pemigewasset River to bridge over Beebe River. Tunnel 100 yds up river - magnetite xtal; pyrite; tetrahedrite. Lower and Upper Crystal Mines. (Plymouth 5-9-8-2-5, 5-9-8-5-7). Mica. On S side of Campton Mt. at 1600 and 2200 ft. Mine road goes N up hill leaving old logging RK bed on Beebe River about 1 mi N of Spencer Brook - garnet; pyrite.

Canaan, Grafton Co., - Mascoma and Cardigan Quads.

General - beryl xtal; (fine); garnet; gold (in pyrite); muscovite xtal; tourmaline.

Diatomite Deposit.

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India Mica Co. Mine. (Cardigan 1-4-6-7-3). Large workings. SE corner near Bryant Pond. 5 3/4 mi N 40 deg E of Canaan Village. - albite, oligoclase; tourmaline (black). Mascoma Granite Quarry. (Mascoma 5-1-3-4-3). 1/2 mi NNE of Enfield Station on top of knoll - apatite; magnetite; quartz (smoky, in 4' vein); zircon.

Stonehouse (Mascoma 3-7-6-5-1). Pegmatite - biotite. Kimball Hill Mine. See India Mica Co. Mine.

Canterbury, Merrimack Co., - Penacook and Gilmonan Quads.

Soapstone Quarry, (Penacook 9-1-6-7-1). Top Rt 93 and 50 NE of Penacook, N on 50, 2.65 mi. L, 0.45 mi, due west 350 yds - asbestos.

Carroll, Coos Co., - Whitefield and Mt. Washington Quads.

/Cherry Mt. (Mt. Washington 7-1). - fayalite; hedenbergite; hornblende.

Zealand River locality. (Whitefield 9-2-9-6). Top Rt 3 N, 302 E, Rt 302 E, 2.2 mi, R, 0.25 mi to sharp L corner, walk NW along ridge to near mouth of R into Ammonoosuc - quartz (amethyst).

Charlestown, Sullivan Co., - Bells Falls and Claremont Quads.

General - andalusite xtal; kyanite; limonite.


Hemlock Center locality. (Bells Falls 2-1-4-2 to 2-2-6). In stone walls along Charlestown-Acworth Rd over area 1 mi W from Hemlock Center - staurolite xtal.

Iron Mine. (Bells Falls 2-6-7-3). on road to mine - andalusite (var. chiastolite - used to illustrate Phillips Mineralogy).

Chatham, Carroll Co., - North Conway and Gorham Quads.

General - fayalite; graphite (in schist); hedenbergite; hornblende; microperthite; tremolite (with sulfur).

/Millard Chandler Mine also North Star Mine. (Gorham 9-9-8). Pegmatite. /Langdon Falls locality. (North Conway 4-3-1-8-4). Chatham Village on US Rt off Rt 113, S, 0.5 mi, L, 0.15 mi on N bank just above falls - quartz xtal.

Slope Mt. Locality. (North Conway 3-8-4-2-8). Chatham Village, N on US Rt toward North Chatham, 0.175 mi, L, 1.45 mi, walk W 200 yds - fluorite (green & purple).

Watson Brook. (North Conway 3-9-2-7-6). (see above - slope Mt. to W), straight. 1.35 mi, due W 600 yds - quartz xtal (in long vein).

"Gold Mine". (North Conway 3-9-1-8-3) (shaft) NW from Watson Brook Locality. 400 yds.

Charles Brook Locality. (North Conway 3-2-4-5-1). Top Rt 113 & Rd S to Chatham, Rt 113, S, 2.65 mi, Baldface Circle trail W, 0.7 mi, L (S) fork, 225 yds, in brook - beryl.

Charles Ravine Locality (Beans Purchase). (North Conway 3-1-5-4-2). Pockets at intersections of pegmatite veins and talus. $1,000 in topaz sold 1899. (see above - Charles Brook), cont. S on trail, 1.7 mi to sharp SW bend (trail goes up ridge), down ridge 250 yds (at 2300 ft). - amasonite, cassiterite xtal; feldspar xtal; fluorite xtal; microcline xtal; topaz (clear, pink, blue, bordered, extra faces), single and double terminated, yellow, greenish.

East South Baldface Locality. (North Conway 3-1-8-2-9). (see above - Charles Ravine), cont. SW on trail, 0.3 mi, L fork (Mt Eastman trail), 0.3 mi, to the east in talus slope - topaz.

West South Baldface Locality. (North Conway 2-3-9-3-4). (see above - East South Baldface), cont. W on Baldface trail, 0.4 mi, peak of S Baldface, R onto N Baldface Trail, 150 yds, L onto trail to west, 400 yds, due S 100 yds - beryl (aquas), fluorite xtal; quartz (smoky); topaz.
West North Baldface Locality. (Beans Purchase). (North Conway 2-3-3-7-5. (see above - W. South Baldface), cont. N on N Baldface trail. 0.9 mi to peak of North Baldface, down ridge to WSW - beryl (green and golden, to 4”). East North Baldface Locality. (Beans Purchase), (North Conway 2-3-3-8-3. (see above - West North Baldface), from peak, down ridge to ENE 150 yds - tourmaline (black).

Chester, Rockingham Co. - Manchester, Hampstead, and Suncook Quads.

General - graphite. /Old pegmatite opening. (Suncook 9). W of Raymond - beryl; quartz xtal.

Chesterfield, Cheshire Co. - Keene and Brattleboro Quads.


Chichester, Merrimack Co. - Gilmanton and Suncook Quads.

Webster Mills Locality - (see Pittsfield).

Claremont, Sullivan Co. - Claremont Quads.

/Old Iron Mine near center of town. /In valley SW of Meeting House (1840) - chlorite (pseudo staurolite); pyrite; staurite (1½ x 2¼). Sargent Mine. (Claremont 4-2-7-9-8. Op. 1959. Large cuts and tunnel. Main road through Unity Village at Church, NW toward Claremont. 0.25 mi, R. 0.65 mi, R. 0.15 mi, L. 0.55 mi. L fork, 1.5 mi -apatite; autunite; cassiterite; columbite; garnet; graffonite; ilmenite; muscovite (2 ft x 3 ft xtal); purpurite; quartz xtal; tourmaline (black); triphyllite xtal; vivianite; unknown white powder on feldspar (fl. flesh color).

Cat Hole Road Locality. (Claremont 4-2-7-5). Junc Rts 120, 11 & 103, R 11 E. 0.2 mi, L. 0.4 mi, R. 0.85 mi, L fork, 0.05 mi, R fork, drive as far as practical, walk NE along road - chlorite and staurolite in stone walls.

Green Mt. (Claremont 4-2-7-5 to 4-2-9-3). (west end of summit) - staurolite; (east end of summit) - quartz xtal.

Concord, Merrimack Co. - Concord, Penacook, Suncook and Gilmanton Quads.

/Early Iron Works. (Concord 3-8).

Granite Quarries:
Anderson #1. (Concord 3-1-5-6-3). opposite Park St. Anderson #2. (Concord 3-6-3-2-5).

Crawley. (Concord 3-3-1-5-6). 300 ft S of Anderson Quarry near North State St. - feldspar xtal; muscovite; quartz xtal (smoky "½ bushel" in one pocket).

Duffy. (Concord 3-3-1-8-8-6). 40 ft below Perry Quarry.

Fox. (Concord 3-3-1-8-2-8). Rattlesnake Hill, ½ mi N of New England Granite quarry - calcite; chlorite; pyrite (in jointe).

Granite Railway. (see Upper Swenson).
Dixville Notch, Coos Co., - Dixville Quad.

/Twin Falls at Notch. - andesine xtal ( lst transparent); hornblende xtal in bed of stream. /

Dorchester, Grafton Co., - Rumney, Mt. Cube, Cardigan and Masscoma Quads.

General - amethystina xtal; bytownite, Acme Mica Mine. (Rumney 7-4-7-4-1). - andesine (green). Fairborn Mine. (Rumney 7-4-7-4-4). Pegmatite. Hanley Mine. (Rumney 7-4-1-3-3). Mica. Rouseau Mica Mine. (Cardigan 1-4-1-2-6). Small prospect holes. Streeter Mt. Mica Mine. (Rumney 7-4-7-8-9).

Dover, Strafford Co., - Dover and Berwick Quads.

/Sawyer's Station. (Dover 2-8-5). Buried under new turnpike. - chlorite (var. penninite) /

/Old "Gold" Mine /

Dublin, Cheshire Co., - Monadnock and Peterboro Quads

Diamond Ledge "Gold" Mine. (Monadnock 4-4-2-4-6). (1875) shafts and mill. On Gold M Rd E part of town, S from Rt 101

Dunbarton, Merrimack Co., - Concord Quad.

General - galena. Mine. (Concord 4-8-6-7-8). - arsenopyrite.

Durham, Strafford Co., - Dover Quad.

General - epidote (masses of xtal); galena (near center of town). /Durham Pt. Flagstone Quarry. (Dover 5-5-5, 8 & 9/)

Easton, Grafton Co., - Mosiolake and Franconia Quads.

General - magnetite, Cooley Hill. (Mosiolake 4-1-3). many prospect pits - iron.

Eaton, Carroll Co., - Ossipee Lake and Kears Falls Quads.

/Eaton Lead Mine. (Ossipee Lake 3-7). calamine; fluorite (purple); galena; sphalerite (yellow) /

/Nickerson Lead Mine. (Ossipee Lake 3-7). Shaft - galena; sphalerite /

/Randall Lead Mine. (Ossipee Lake 3-7). Shaft. 2 mi NE of village. arzenopyrite; chalcopyrite; epidote; hornblende; quartz xtal (clear & smoky, from near mine "sold for high price.")/

Effingham, Carroll Co., - Wolfeboro, Ossipee Lake, Kears Falls and Newfield Quads.

General - molybdnite, /Green Mt. (Ossipee Lake 9-8). Conway granite exposures - phanacite xtal on smoky quartz xtal /

Ellsworth, Grafton Co., - Rumney and Plymouth Quads.

General - galena.
Enfield, Grafton Co., - Mascoma Quads.
Shaker Hill Granite Quarry, (Mascoma 5-5-9-6-6-4). Junc Rt 4A and road to Enfield across Mascoma Lake bridge, Rt 4A E. 2.35 mi, L. 0.5 mi, sharp L. 0.65 mi, due W 300 yds. - galena; gold; pyrite; pyrrhotite; quartz xtal (colored green by epidote). Montcalm School Locality, (Mascoma 6-9-4-8-9). Junc Rts 4 & 10 E of Lebanon, Rt 10 G, 3.9 mi. - staurolite xtal. George Hill, (see Springfield).

Epem, Merrimack Co., - Suncook and Gilman Quads.
General - galena. /Old Paint Mine - yellow ochre/.

Errol, Coos Co., - Errol and Milan Quads.
General (Lake Umbagog) - triplite.

Exeter, Rockingham Co., - Exeter, Dover, Mt. Pawtuckaway and Hampstead Quads.
General - epidote (fine radiations); hornblende xtal. /Iron Works - (1791)/.

Farmington, Strafford Co., - Alton and Berwick Quads.
General - beryl xtal; garnet xtal; triplomite. /Chesley Mt. (Alton 4-7-1, 2, 3), small prospect - columbite; diodochite (7)/. /Blue Job Mt. (Alton 5-8-9 to 8-2-3), pegmatites/. /Alfred Richardson Farm (1840) - andalusite deposit/.

Fitzwilliam, Cheshire Co., -Monadnock and Winchendon Quads.
Granite Quaryes
Unnamed, (Monadnock 7-9-4-4-8). /Monadnock 7-9-4-4-9/.
Unnamed, (Monadnock 8-7-6-5-1). Snowflake, (Monadnock 8-7-3-7-8). 3/4 mi S of village - apatite; rutile xtal; zircon. Thompson, (Monadnock 8-7-4-6-4-1). 2 mi NE of depot - rutile xtal; smoky quartz. Victoria White, (Monadnock 8-7-4-6-1). 1 mi NE of depot - quartz (frutlilated). Webb Fitzwilliam, (Monadnock 8-7-8-3-5). 1/2 mi S of depot - quartz (frutlilated). Yon, (Winchendon 2-2-1-1-5). 1/2 mi SSE of depot, 1/2 mi E of Laurel Lake. Emerson. (see Thompson).

Franconia, Hillsboro Co., - Peterboro and Hillsboro Quads.
/Clarksville (1800) - kaolin mined/.
Franconia Soapstone Quarry, (Peterboro 3-2-6-3-4). Quarry runs W from edge of road. Large openings. Rt 136 at Franconia turn off, (Rt 136 E, 0.9 mi L. (N), 0.3 mi - actinolite xtal; arsenopyrite; jasper; quartz xtal (red and yellow oxide colored); pyrrhotite; prochlorite; talc xtal. Crotched Mt. (see Bennington).

Franconia, Grafton Co., - Franconia and Moosilauke Quads.
General - almandite; arsenopyrite; azurite; chalcopyrite; danasite xtal; fayalite; ferrimolybdate; hedenbergite; kaolin; molybdenite xtal (fine); molybdenite; nemphite; prehnite; quartz xtal (colored with epidote); staurolite; staurolite; tremolite (Mt. Leather and Mt Cork 1" - 2" thick); zoisite.

Ammonoosuc River, - jasper (rolled pebbles pink and green "jade").
Iron Works (1805). (Franconia 1-1-1-7). andradite xtal in geodes with calcite and magnetite.
Mt. Lafayette, (Franconia 5-1). - hematite.
Copper Mine, (Franconia 6-2-1-5-1). 3 mi NW of Bridgewater Falls in Coppermine Brook.
Lead Mine (Franconia 6-2-3-7-5). - galena.
Peachtie Copper Mine, (Moosilauke 3-9-2-5-5). shaft and open cut. Gale River. (Franconia 2-5). - gold nuggets reported.

Franklin, Merrimack Co., - Penacook and Holderness Quads.
Road Cuts, (Penacook 2-6-7-4-7). Junc Rts 11 & 3A in Franklin, Rt 3A N, 0.3 mi, opposite end of dam - andalusite; cordierite (in 3rd cut to N).

Freedom, Carroll Co., - Ossipee Lake and Kezar Falls Quads.
/Ossipee Lake Locality, Ossipee Lake 8-1, 2 & 5/. N 2790' E, 107' above lake running 630' to lake - vein of galena and sphalerite.

Gilford, Belknap Co., - Winnipesaukee and Gilman Quads.
/Mica operations reported 1955/. /Belknap Mts. (Winnipesaukee 8-5 to 8-9). - anorthite; augite; corundum; clinozoisite; hastingsite; limonite; limonite; magnetite (var. lodestone); nephrite; quartz (amethyst); stilumiate/. /Gunstock Mtn. (Winnipesaukee 8-8). - magnetite (var. lodestone). syenite (vein 2" to 2", "on westerly peak"). /Whiteface Mt. (see Gilman)/.

Gilman, Belknap Co., - Gilman and Winnipesaukee Quads.
General - epidote; jasper; melanite; psilomelan; tourmaline (black); tremolite. /Old Iron Works, Mine at Louge Rd. (Barnstead)/. /Whiteface Mt. (Gilman 2-2). - quartz xtal/. /Shellcamp Rd. (Gilman 6-3 to 6-1). - quartz xtal ("of some size").

Gilmour, Cheshire Co., - Bellows Falls, Lovewell Mt. and Keene Quads.
General - kaolin; zircon. /Surry Mts. (Bellows Falls 9-6, 7 & 8). Pegmatite, large. op 1949. 1/4 mi E of Surry Mt./.

Nichols Mine, (Bellows Falls 9-3-7-1-7). Mica. Op 1959. 5 openings. Junc Rt 10 and road to East Aisleast in Gilmour, N towards East Aisleast, 1.2 mi, mine road W, 0.5 mi - apatite, beryl, garnet; tourmaline (black). (see also Aisleast, Deauregord Mine).

Jehial White Mine, (Bellows Falls 9-4-6-6-6). Pegmatite, 3 med. openings. Junc Rt 10 & Rd to East Aisleast, Rt 10 E, 1.1 mi, on E side of road. - apatite; beryl (aqua, gray, yellow and yellow-green); garnet; muscovite (10"); tourmaline (black). /Kirk No. 1 Mine, (Bellows Falls 9-1-4-6-9). Pegmatite. (see above). J. White Mine, cont. S on Rt 10, 0.7 mi, W on mine road 300 yds - apatite; beryl (green); garnet; muscovite; tourmaline (black). Pomplow Mine, (Lovewell Mt. 7-1-4-1-9). Spar. Junc Rt 10 & East Aisleast road, Rt 10 E, 2.85 mi, old road L (W), 0.25 mi, L fork 0.15 mi (see Jones Mine, Marlow) - muscovite; quarts (rose); spodumene.

Comers Mine, (Bellows Falls 9-3-4-6-4). Spar. and Mica.

-13-
Fletcher Mine. (Keene 3-2-2-5-6). Pegmatite.

High Valley Mine. (Bellow Falls 9-4-7-2-4). Mica.

John Mine. (Bellow Falls 9-4-7-5-7). Mica.

Keene Mica Products Mine. (Bellow Falls 9-3-7-8-6). 1 mi N 40° direction of Glisum. = biotite; muscovite.

Kirk No. 2 Mine. (Bellow Falls 9-4-1-2-9). Pegmatite = biotite.

Bingham Hill Mine. See Kirk No. 1.

Blake Mine. See Kirk No. 2.

Low White Mine. See Isham Mine.

Goffstown, Hillsboro Co., - Concord, Milford and Manchester Quadrants.

Old Silver Mine. (Concord 8-5-2-4-8). Junc Rts 114 & 13 N in Goffstown, Rt 13 N, 1.6 mi. L (W), 1.25 mi, just N of road. arsenopyrite; galena.


Sunapee Mt. Graphite Mine, formerly owned by Pres. Pierce.

Gorham, Coos Co., - Gorham Quadrant.

General = amethysts to 8" x 10"; plowed up.

Mascot Mine. (Gorham 6-3-5-4-7). Tunnels. Op. 1871. Junc Rts 2 & 16 in Gorham Upper village. Rt 15 N, 0.45 mi. R (cross bridge and keep straight), 0.5 mi to dam, trail to Mascot Pd. 0.5 mi. R fork, 300 yds, uphill 100 yds - bornite; calcite; chalcopyrite; galena; malachite; pyrite; pyrrhotite; quartz xts; sphalerite.

Grafton, Grafton Co., - Cardigan and Mascoma Quads.

General = fluorspar, garnet xts (with extra faces, "extra fine" sold from mine mica 1907); molybdenite; pyromelan; pyrrhotite; pyrite; pyrrhotite; rost; sphalerite; staurolite.

Junction Hill Mine = garnet.

Ruggles Mine. (Cardigan 6-7-7-4). Dump can be seen for many miles. Many cuts and large workings. Opened 1803. Grafton Center on Rt 4 (Grafton). Take Rd to west, 1.25 mi, mine Rd, 0.5 mi - albite; autunite; biotite; chlorite; pyrite; pyrrhotite; staurolite.

Junction Hill Mine = garnet.

Mascoma Mine. (Cardigan 6-7-7-4). Dump can be seen for many miles. Many cuts and large workings. Opened 1803. Grafton Center on Rt 4 (Grafton). Take Rd to west, 1.25 mi, mine Rd, 0.5 mi - albite; autunite; biotite; chlorite; pyrite; pyrrhotite; staurolite.

Kiln Mica Mine. (Cardigan 7-1-1-3-3). Shaft, pits and tunnel. New workings 100 ft up hill. (see above - Ruggles to *, follow Ruggles Mine road 100 ft across brook, R, 50 ft, fork of old mine Rd, 300 yds. - apatite; biotite (golden, green and massive yellow); cleavelandite; garnet; manganapatite; tourmaline (black).

Old Kiln Mine. (Cardigan 7-1-1-3-3). (see above), 400 ft S of Kiln M. Opened by Marcus Kiln about 1840.

Alger Mine. (Cardigan 7-1-6-6-2). No 1 Mine produced large beryl xts in museums in early days as "largest in the world." (see above - Ruggles to *), old road S, 0.5 mi, L fork, 0.5 mi - alaskite (s, wall); beryl; cleavelandite; uraninite xts. No 2 Mine = Jackson pit, 0.5 mi beyond No 1 = beryl (deep blue aqua); manganapatite; pyrite (rosettes, smoky); tourmaline (black).

Evans Mine. (Mascoma 9-3-3-9). (see above - Alger to *), R fork 0.5 mi - beryl; garnet; pyrite (masses).

New Hill Mine. (Cardigan 6-7-5-4-7). Rt 4 in Grafton Center, N, 1.7 mi. L (W), 0.3 mi to abandoned cabin, walk S along trail, 0.3 mi, then W, 0.6 mi - cleavelandite; muscovite (12" x 18"); tourmaline (black).
Grantham, Sullivan Co., - Mascoma and Sunapee Quads.

"Well known staurite locality" 1907.

Groton, Granton Co. - Cardigan and Rumney Quads.

American Mine. (Rumney 8-5). 20 ft spar x talcs.

Brown Mine.

General Electric Mica Prospect. 1.5 mi W of West Rumney.

beryl; muscovite.

Pike Ledge. (Cardigan 2-1-5-5-1). Junc Rts 25 & 118 in West Rumney, Rt 118 S, 7.5 mi to Bucks Corners, L, 2.2 mi, L, 0.55 mi, trail NW for 1 mi to the lowest of several openpits. xtal; beryl; biotite; chlorite; garnet; tourmaline (black).

Eastman Mica Prospects. (Rumney 8-5-9-2-3). Junc Rts 25 & 116 at West Rumney, Rt 25E, S 5 mi, R (S), 1.6 mi, 200 yds on S side of brook - aragonpite; biotite; feldspar xtal (Z).

liothylite xtal (8'); muscovite; No. 2, 1/2 mi N - feldspar xtal (3'); No. 3, 300 yds N of No. 2.

Fletcher Mine. (Rumney 9-7-6-6-6-6). Mica. (see above - Eastman - to *), straight (Rt 25 E), 0.5 mi, R (on to North Grotton road), 2 mi #, mine road left, walk, 700 yds #, straight 1150 yds - beryl xtal (gum); feldspatite; herderite (large xtal); launite (orange-yellow xtal), leucophosphate, meta-tetragite (lavender balls); purpurite; rockbridgeite; strunzite; talc; triphyllite; vivianite; xanthonaxinite (yellow, fibrous).

Valencia Mine. (Rumney 9-7-1-7-5). Mica. Large opening. Opened 1880. 1885 100 aqua found. In 1892, at noon, roof of stope caved in but men were out at lunch, tools were buried and operations closed. Reopened 1951 for mica and scrap mica. (see above - Fletcher - to *), 1, 400 yds - apatite; beryl; clevelandite; columbite; garnet; herderite; microcline xtal (1/2 x 1/2) 1/4.

Hackett Mica Mine. (Rumney 9-7-1-7-2). (see above - Valencia) across road - beryl; biotite.

Union Mine. (Rumney 8-5-8-9-2). Mica. Very old mine. (see above - Fletcher - to #), mine road R (instead of left), trail NW 1/2 mi, SW 1/2 mi, NW 1 mi, same mine, Trail No. 2, graffonite; triphyllite; No. 3, 3 pits in 1888. No. 4 - tourmaline (black); No. 5, No. 6 and No. 7.

Nancy No. 1 and No. 2. (Rumney 8-5-8-8-4-8-8-8-8-6). Mica. Op 1959. Dumps conspicuous on S hillside. (see above - Fletcher - to #), cont. 1 mi to intersection in North Grotton Rd. to Cheever), 0.1 mi*, R, 0.25 mi, mine road W, 0.5 mi - No. 1 - brasilianite; garnet; lasulite xtal; micaesite xtal; tourmaline (black); No. 2 - apatite; dicksonite, garnet; graffonite; pyrite; quartz (smoky); sericite; triphyllite; vivianite; wandteite xtal.

Charles Davis Mine. (Rumney 8-8-6-4-9). Mica. Op 1958. Forty foot shaft; pumped 1955. (see above - Nancy - to #), cont. 0.5 mi*, L (9), 300 yds to mine - apatite xtal (gum); aaronite; automerite (fine); beryl xtal (aqua and golden); biotite; brasilianite xtal (fine); chalcopyrite; herderite; lasulite xtal (fine); leucophosphate; manganapate; pyrite xtal; quartz (rose); rutile (?); speckartite; soccolite; topaz xtal (minute); tourmaline xtal (fine); xenotime (?).

Plume Mine. (Rumney 8-8-8-8-2-8-2-5). Long narrow cut ending in open pit and stope. Reopened late 1955 (see above - Charles Davis), take road W opposite dumps for 0.25 mi - lasulite xtal; quartz (rose xtal)?.

Mica Products Co. Mine. (Rumney 8-8-8-8-3-1-7-7). (see above - Plume), 0.5 mi W of W end of Plume Mine. No trail - No. 1 - muscovite xtal (up to 24") - No. 2 - small cuts 200 yds N of main opening - beryl (clear green, gemmy).

Diamond Ledge Mine. (Rumney 8-7-4-2-1). Mica. Reopened 1955. All xtales heavily rust stained. (see above - Charles Davis to #), cont W on Cheever road, 0.7 mi, due W 250 yds on steep hillside - beryl xtal (gum); muscovite; rutile; tourmaline (black).

Palermo Mine. (Cardigan 2-1-3-3-3). Mica, beryl and phosphates. At one time operated with 85 miners and 25-30 trimmers. 400 ft shaft and 40,000 square ft. floor at bottom. Pillars robed. One mass of plate mica 30' x 65'. (see above - Nancy - to #), road L (S) toward Groton, 0.25 mi, R, 1 mi, through gate, 0.65 mi - albite; amlandite amylgobrite; apatite xtal; areenopitorye; augelite; auricdalite; austinite; beryl; bournite; beraneite; berthierite; beryl (comm. quantities, aqua, golden); beryllonite; beta-uranophane; biotite; borite; brasilianite; cacoxene; carbo-apatite; chalcopyrite; clevelandite; coeruleite; crandallite; diadochite; dickinsonite; eosphorite; childrenite; fishfeldite; ferraricite; floroprite; florite; fourmarielite; frondelite; guetteite; goyazite; graffonite; gmume; gysum; herderite; hierosite; hureaulite; laumite; lauseite; lazulite; limonite; loellingite; ludlamite; malachite; manganapate; manganite; melanterite; messalite; met-aubutite; meta-strengite; meta-toberrnite; morganite; neomesalite; oligoclase; opal; orthoclase; parafibrolite; phosporite; phosporphyrite; psilomelane; purpurite; pyrite; pyrhotite; quartz xtal (smoky, milky); reddingite; rock bridgeitite siderite; siliimanite; sphalerite; stewartite; strengite; strunzite; talc; torsenite; tourmaline (black, green); triphyllite xtal (15'); triplite; uraninite; uranophane; vandendriescheite; vivianite; wandteite xtal; whitlockite; wolfeite; xanthonaxinite; sinnwaldite; zircon.

Rice Mine. (Cardigan 2-1-3-6-6). Mica. Op 1959. Large openings. (see above, 100 yds beyond gate, trail to NW, 0.9 mi to summit of hill and mine - beryl (many aqua xtales)); feldspar (fine xtal); graffonite xtal; muscovite; purpurite; tourmaline (black, fine xtal).

Palermo No. 3. (Cardigan 2-1-3-3-2-3). (see above - Palermo No. 1) road L (W) just before No. 1, 250 yds (bend in trail, to the R (B) - beryl; graffonite; tourmaline (black); triphyllite; vivianite.

Palermo No. 2. (Rumney 8-7-5-9-9-0). (see above - Palermo No. 3), cont. uphill 150 yds - beryl (blue-green, yellow); biotite; triphyllite; vivianite.


Prospect Pits.

No. 6 (Mascoma 8-8-7-7-5). Mica. Op 1958. Forty foot shaft; pumped 1955. (see above - Nancy - to #), cont. 0.5 mi*, L (9), 300 yds to mine - apatite xtal (gum); aragonpite; automerite xtal (fine); beryl xtal (aqua and golden); biotite; brasilianite xtal (fine); chalcopyrite; herderite; lasulite xtal (fine); leucophosphate; manganapate; pyrite xtal; quartz (rose); rutile (?); speckartite; soccolite; topaz xtal (minute); tourmaline xtal (fine); xenotime (?).

Craylup Mine. (Rumney 8-9-8-8-8). Small opening - garnet, sercite. Draper Mine. (Rumney 9-7-6-2-4). - mica.

Frank Davis Mine. (Rumney 8-6-8-6-9-9). Pegmatite. Holdren Mine. (Rumney 8-4-7-8-8). Near summit of Barley Hill. 1 mi NE of North Groton.

J. W. Burley Mine. (Rumney 8-4-7-5-4). - Feldspar and mica.

Newt Kinney Mine. (Rumney 8-7-4-6-8-2). Mica. Op 1959.

Penna, Coal and Iron. (Rumney 8-7-3-8-3-1). 1 mi W of North Groton toward Cheever and N of the road.


Stinson Craig Prospects. (Rumney 8-5-8-8-5). 1/2 mi NW of North Groton. Up hill from public road and follow ridge - beryl.
Wood Mine. (Runney 8-9-4-2-2).
Chapman Mine. (see Brown Mine).

Hayden Purchase, Coos Co. - Crawford Notch and North Conway Quad.

/Mt. Crawford - quartz (amethyst)/.

Hales Location, Carroll Co. - North Conway Quad.

Quint Gravel Pit. (North Conway 7-4-4-7-7). 1/2 mi SW of Thompson Falls - microcline xtal; quartz xtal (smoky).

Hampton Falls, Rockingham Co. - Exeter Quad.

General - amethyst (many fine rolled pebbles - 1840).

Hancock, Hillsboro Co., Peterboro, Monadnock, Hillsboro and Lovell Mt. Quads.

General - graphite.
Old Granite Quarries. (Monadnock 3-4-9-1-3).
Granite Quarry. (Monadnock 3-3-4-5-3).

Hanover, Grafton Co. - Mascoma, Hanover and Mt. Cube Quads.

General - dolomite; epidote xtal; hornblende xtal; jasper; kyanite; malachite; monazite; pyrite; pyrrhotite; quartz (rutileted, ferro-ruginous); tourmaline (black); zoisite. Etta - chlorite; pyrite; Moose Mt. - pyrite; quartz (tourmalinated).

/Conway River Locality - gold (reported?); siderite in rolled quartz./

/Etna Highlands School. (Mascoma 1-9-7). 1/4 mi SE. - almâßâxite xtal (1/2); smoky xtal./

/Copper Mine. (? SE part of Hanover)./ College Park. (Hanover 3-5-4-7-2). - calcite (red); garnet (pyrope, small).

Granite Quarry. (Mascoma 2-7-2-8-5). (on topo sheet). Moose Mt. Quarts Locality. (Mascoma 2-1-2-5-6). - 147 lb. mass of quartz xtal up to 5" (Dartmouth College Museum).

State Quarry. (Mascoma 1-8-4-4-1). (near Etna Highlands School).

Harrisville, Cheshire Co. - Monadnock Quad.

/new Well Graphite Mine./

Hart Location, Carroll Co. - Crawford Notch Quad.

/Crawford Notch. (Crawford Notch 2 & 5). - amazonite; amethyst; andalusite; fluorspar xtal; iron (native)./ /Mt. Webster. Near top, vein of dark green fluorspar; quartz xtal.

Also pockets of quartz and fluorite./

Avalanche Brook. (Crawford Notch 2-7 to 5-1). Off Rt 302 - oligoclase (var. moonstone); quartz (var. amethyst).

Old Slide Locality. (Crawford Notch 2-7-5). Off Rt 302. Below Willy House Camps - fluorite xtal (green and purple); quartz xtal.

Haverhill, Grafton Co. - Moosilauke, Woodsville and Rumney Quads.

General - arsenic (native); calcite; garnet; xtal in schist; pyroxene xtal; pyrrhotite; talc; tourmaline (black).

/Between Great and Wild Ammonoosuc River. (Moosilauke 6). - vein of - calcopyrite; galena; marcasite; pyrrhotite; sphalerite./

/Estate of Frances Kinbali (1840) - arsenic; arsenopyrite; pyrite./

/Black Mt. (Moosilauke 7-3). - limonite (botryoidal) in veins with quartz xtal (fine)./ /Limestones Quarry./

Pike Whetstone Quarry. (Woodsville 9-9-3-9-7). Extensive openings. 1-1/2 mi from Pike toward Lake Constance.

Page Soapstone Quarry. (Moosilauke 6-5-5-3-7). 1 mi N of Brier Hill School and 1 mi E of road.

Pond Ledge Granite Quarry. (Moosilauke 6-7-4-1-9). Top of Pond Ledge.

Hebron, Grafton Co. - Cardigan and Holderness Quads.

/Silver Mine - near Newfound Lake./

/Braley Mine, Milca./

/Appalachian Trail Locality. Near junction of Newfound, Oregon Mt. and Falls Trails - beryl xtal in white quartz./

/Hobart Hill Mine. (Cardigan 2-9-3-9-9). Junc of Groton Rd and East Hebron Rd in Hebron Village, Groton Rd, 0.5 mi. min. road S. approx. 1 mi to mine, 390 yds % of transmission line - beryl (gem); cleavelandite; lepidolite; muscovite; tourmaline (one pocket of colored).

West side of Hobert Hill. (Cardigan 2-9-3-8-4). Old amethyst workings (see above) NWW 500 yds from Hobert Hill Mine.

Hayes Mine. (Cardigan 4-2-1-8-7).

Henniker, Merrimack Co. - Hillsboro and Concord Quads.

/Garnet Outcrop. (Hillsboro 5-4). In SW corner near townline./

Hillsboro, Grafton Co. - Hillsboro and Lovell Mt. Quads.

General - graphite; hematite.
Old Mine. (Hillsboro 6-6-8-2). N foot of Sulphur Hill S of Black Pond Brook./

Hinsdale, Cheshire Co. - Keene and Bristleboro Quads.

/Pocket opened in house cellar 1955. - tourmaline (blue and green)./ /In spar and quartz near road to Winchester. (1825) - indocalcite xtal (large)/ /Rhodonite Prospect. (Keene 7-5-7). One mi SE of village on hill near Ashuelot River - pyrite; pyrolusite; rhodonite (7½ layer). Granite Quarry. (Keene 7-5-5-1-7).

Hollis, Hillsboro Co. - Milford and Groton Quads.

/Granite Quarry. (Milford 8-8). near Rocky Pond./

Hooksett, Merrimack Co. - Suncook and Concord Quads.

General - galena; garnet.
/Pine Hill Locality. (Concord 9-3). road cut - vein of blue fluorite./

/Quimby Mt. - gold./

/Pinnacle. (Suncook 6-8-6-1). - gold nugget found N of foot./ Belknap Granite Quarry. (Suncook 7-1-8-9-7). Large. Of 1950. Rt 3A in Hooksett, approx. 0.5 mi S on Rt 3A, R fork, 2 mi. L fork, 1.25 mi. Ls, 0.5 mi - albite (var. cleavelandite); beryl xtal (rare); biotite; garnet; muscovite; tourmaline (black).

Shirley Granite Quarry. (Suncook 7-1-9-5-7). Access Rd cut off by new super highway. Large opening with 2nd opening 200 yds S. Otisam Granite Quarry. (Suncook 6-3-4-2-7). Small.

Hopkinton, Merrimack Co. - Concord, Hillsboro and Penacook Quads.

General - melanielite.
/Nr. A. Crook's Farm (1840) in SE part of town - gold vein in quartz./

Isle of Shoals, Rockingham Co. - York Quad.

General - microcline (var. amazonite in pebbles on beach and in granite); quartz (amethyst).
Jackson, Carroll Co., North Conway and Crawford Notch Quads.

General - epidote xtsal (to 8”), fine color; hematite; ilmenite; magnetite; molybdenite; tourmaline.
Eastman Hill Tin Mines, (North Conway 5-1-6-5). Under water. 1955. Junc Rt 16 and 1A So of Jackson, Rt 16A N, 0.5 mi. bear R (just beyond Thorn Mt Rd), 0.6 mi, R, 0.45 mi, due E 400 yds up hill. - arsenic; arsenopyrite; bornite; calcite; cassiterite; chalcopyrite, copper; fluorite; phosphorite; pyrite; vivianite; wavelite; wolframite.

Jaffrey, Cheshire Co., - Monadnock and Peterboro Quads.

General - galena; hornblende; kyanite.
(Mt. Monadnock - actinolite (var. asbestos); garnet; graphite; sili-mamite; tourmaline).
Old Lead Mine. (Monadnock 5-9-1-7-5). - graphite (?).

Keene, Cheshire Co., - Keene and Monadnock Quads.

General - biotite; chlordeydony; diopside; epidote; ilmenite; kyanite; quartz (rose); rhodonite; serpentine; sillonamite.
West Hill. (Keene 3-3-7 to 4-1). - see also Swanzey. - graphite.
(Soapstone Quarry. - talc). (/Granite State Mine. (Keene 2-3). Mine ledge? - copper; lead; silver).
Daniel E. O’Neill Mine. (Keene 3-9-3-3-5). Pegmatite. Junc Rt 12 and 1A S of Keene, N one block, R, 0.7 mi, street turns slightly L, 0.6 mi, road turns sharply R, 0.05 mi, L, 0.2 mi, bear R, 0.5 mi (just before transmission line). due S 200 yds - beryl.
Keene Granite Quarry. (Monadnock 1-7-9-8-3). Junc Rt 101 and 124 in Marlboro village, Rt 101 NW, 0.5 mi, R, 0.75 mi, cross RR, walk W along N side of tracks, 450 yds, due N 100 yds - SE side pegmatite with beryl xtsal (gem. brilliant cut stones). Fletcher Mine. (Keene 3-2-6-4-4). Pegmatite. Junc Rt 9 and 12 A in Keene, Rt 12A NW, 2.1 mi, R (near dairy), 1.05 mi, R, 1.05 mi to fork, due W 300 yds across brook.

Kilkenny, Coos Co., - Percy and Mt. Washington Quads.

(Higher Mt. near town line - quartz (amethyst); topaz).
(Kilkenny Granite Quarry. 5 mi N 75°E of Lancaster Sta. - dark olive smoke color).
Field Brook Locality. (Percy 8-3-7-8-8). Between North and South Peaks - quartz (amethyst).

Kingston, Rockingham Co., - Hampstead Quads.

Great Bog Pond. Iron ore. - hematite (?).

Laconia, Belknap Co., - Winnipesaukee and Holderness Quads.

General - limonite; psilomelane; spalerite; talc.
Woodland Ave. Locality. (Winnipesaukee 7-5-8-2-1). Junc Rt 11A and 3 in Laconia, Rt 3 N (Lake St.) R onto Lyman St, R onto Butler St., sharp L onto Woodland Ave, 0.25 mi to ledge on L - quartz xtsal.


General - corundum (var. emery); garnet; ilmenite; talc.

Landaff, Grafton Co., - Moosilauke Quads.

General - ferrimolybdite; molybdate; molybdenite (in “beautiful hex. tabular xtal”, 1840).

Chandler Iron Mine. see below - Iron Mine - may be same?/.
Allen Gold Mine. (Moosilauke 2-6-8-3-5).
Cobble Hill Summit. (Moosilauke 5-3-3-9). - epidote.
Old Gold Mine. (Moosilauke 2-7-7-7-1).
Iron Mine. (Moosilauke 5-1-8-5-5). Large shaft - arsenopyrite?; pyrite?; pyrrhotite?; prospect pts. (Moosilauke 5-1-2-7-1).
Radioactivity. (Moosilauke 5-1-6-3-6).
Shaft. (Moosilauke 6-3-4-9-9).

Langdon, Sullivan Co., - Bells Falls Quads.

General - andalusite (var. chiastolite).

Lebanon, Grafton Co., - Mascoma and Hanover Quads.

General - actinolite (var. asbestos); arsenopyrite; chlorite; hematite; hornblende; lapis; limonite; magnetite; molybdate; pyrite; tourmaline; tremolite.
(Camp. River. Rolled rutilelated quartz pebbles).
(Signal Hill. (Mascoma 6-1). Magnetite xtsal S side of Signal Hill at 900 ft. Kyanite prospect on 3W corner (1st xtal)/.
(Lebanon Mine. (Maybe Mascoma Mine). Storr’s Hill. - copper; galena.
(Copper Prospect. (Hanover 4-5-4-4-3). Junc Rt 4 and 10 in Lebanon at SE corner of square, Rt 4 W, 1 mi, L, L, 1.15 mi, R, 0.45 mi, due N 200 yds - arsenopyrite; chalcopyrite; pyrite; pyrrhotite.

Mascoma Mine. (Hanover 4-4-7-2-7). 65' shaft? (see above - Copper Ppt - to $), straight, 0.25 mi, due W, 500 yds. - arsenopyrite; chalcopyrite; pyrite; pyrrhotite.
(Redcliff Hill. "Gold Mine". (Mascoma 6-1-8-8-9). Junc Rt 4 and 10 in Lebanon at SE corner of square, Rt 4 E, 1 mi, due S 100 yds - galena; spalerite.
(Slate Quarry. (Mascoma 6-3-6-8-2).
(Lebanon Granite Quarry. (Hanover 4-3-4-3-7). At E foot of Quarry Hill near Lebanon-Hanover Rd. 12 mi N of Lebanon.

Lempster, Sullivan Co., - Lovewell Mt. and Sunapee Quads.

Mica Prospect. (Lovewell Mt. 2-1-7-7-9). 1959. 1 mi E of East Lempster, N of rd.

Lincoln, Grafton Co., - Franconia, Crawford Notch and Moosilauke Quads.

Mt. Nancy. (Crawford Notch 5-6-5-7 to 5-6-8-3). South of peak in slides of Conway Granite - quartz (amethyst and smoky xtal).
Notch Brook. (Crawford Notch 6-5-9-1 and 2). Downstream from Junc. of Carrigain Notch Trail and Desolation Trail - placer gold.
Carrigain Notch. (Crawford Notch 6-4-9-6, 6-4-9-8. 6-9-2-6, 6-9-2-7, 6-9-3-1, 6-9-3-7). slide material (Conway Granite on Mt. Anderson, Mt. Lowell and Vose spur) - beryl (aqua); quartz (amethyst) in pockets.
Mt. Bond (Franconia 4-2-4). On slopes near peak - quartz (amethyst and smoky) in pockets in Conway Granite.
(Mt. Guyot. (Franconia 4-2-3). near shelter S of peak - quartz (amethyst and smoky) in pockets in Conway Granite.

Lisbon, Grafton Co., - Moosilauke, Littleton, Whitefield and Franconia Quads.

General - actinolite; almandite; calcite; chalcedite (?); chiastolite; hematite; ilmenite; magnetite; psilomelane; spessartite; staurolite; staurolite.
(Oak Hill Limestone Quarry).
(Sugar Hill Limestone Quarry).
(Whitefield granite Quarry).


Salmon Hole Brook. (Moosilauke 2-3-6-7-6). Junc Rts 10 and 117, Rt 117 E, 1.15 mi - placer gold reported.

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Franconia Iron Mine. (Moosilauke 3-8-3-2-2). Two large shafts and large cut (Dangerous). Several other shafts reported in woods. Op. 1805. "Xtals remarkable for their beauty." Junc Rt 117 and road to Easton in Sugar Hill. S toward Easton, 2 mi. L, uphill 0.4 mi, park at large white ruined house, walk 300 yds on old mine rd. - calcite; danalite; epidote; xtal (abundant). garnet (red and cinnamon, small, abundant); hornblende xtal; magneteite xtal. 2nd mine go 100 ft N of 1st mine and take R fork of rd to summit of next hill north and mine dump.

Atwood Gold Mine. (Moosilauke 2-6-4-3-4). Op. 1865. 3 shafts; stamp mill. $600 T/Assay. Rt 302, Lisbon, 1st road E S of Rt. N side of town, 0.5 mi. L. 0.5 mi, 100 yds due S - ankerite xtal in auriferous quartz. arsenopyrite; chalcopyrite; galena; hematite; pyrite; pyrrhotite; quartz xtal.

Essex Gold Mine. (Moosilauke 2-6-4-5-9). Shaft. (see above - Atwood - to #). Straight, 0.1 mi, keep L. 0.05 mi, keep L. 0.25 mi, between road and river. Old Stauriolite Locality. (Moosilauke 2-5-5-8-3). (Misk Pond). (see above - Essex - to #), straight, 1 mi, take rd (Pearl Lane) on S side of Lake. stauriolite xtal and garnet xtal in first ledge S of road and NW corner of lake. Ledge may be traced S to peak of Hill. Beach locality buried under road.

Bronson Limestone Quarry. (Moosilauke 2-4-7-9-4). Garnet Hill. (Moosilauke 3-1-9-2-7) - stauriolite.

Old Gold Mine Shafts. (Moosilauke 1-4-3-5-4). 2-2-7-2-8, 2-4-6-3-2.

Haskin Mine. (Moosilauke 1-4-3-5-9). (now blasted shut). North Hill. (Moosilauke 3-1-3). area 1 mi long and ½ mi wide on NW slope - chalcopyrite; galena; magneteite; pyrrhotite.

Picket Limestone Quarry. (Moosilauke 2-5-5-7-4). Priest Limestone Quarry. (Moosilauke 3-2-8-8-8). Lisbon - see N shaft at Atwood.

Littleton, Grafton Co. - Littleton and Whitefield Quads.

General - ankerite xtal (yellow in auriferous veins, pink in dykes). azurite; dolomite; galena; malachite; orthoclase; pinite; quartz xtal; millimamite; sulfur.

Clark Limestone Quarry. (Littleton 4-9-5-5-7-7). Gardner Mt. Copper Mine. (Littleton 7-3-1-1-6-6). No. 2 shaft.

On NE end of Gardner Mt. (Albee Hill). Gregory Mine. (Littleton 7-3-1-1-4). 2 shafts - copper. Little Limestone Quarry. (Littleton 7-2-5-5-5). Quint Copper Mine. (Moosilauke 8-1-6-7-4).

 Slate Quarries. (Littleton 8-4-3-2-5). White Mt. Mine. (Littleton 7-3-4-6-2). - bornite; chalcopyrite; copper.

Albee Mine. see Gardner Mt. Mine.

Livermore, Grafton Co. - Crawford Notch, Plymouth, Franconia and Mt. Chocorua Quads.

("NW" Livermore on Franconia Quad.).


Londonderry, Rockingham Co. - Manchester Quad.

General - quartz (rutilated).

Londonderry Mine. (Manchester 2-9-2-6-3). Rt 28 Bypass at Auburn - Derry towmline, W. 0.25 mi. take wheeltracks 200 yds SE to white quartz face on hill - hematite; pellomelane; quartz xtal (minute).

Louden, Merrimack Co. - Gilmanito, Penacook and Suncook Quads.

General - quartz (rose). /Oak Hill. (Gilmanito 7-7-1). S side - quartz xtal.

/Old gold mine - pyrite xtal; sphalerite.

Lyman, Grafton Co. - Littleton, Moosilauke, Woodsville and St. Johnsbury Quads.

/Essay Mine.

/E. W. Johnson Mine. - gold?.

/Simpson Prospect. - galena in quartz.

Dodge Gold Mine. (Moosilauke 1-3-5-5-5). Tunnel; shaft and open cut. ($46,000 gold in 1910). - Rt 302 in Lisbon, Rd to Mascot and Lyman. 1.4 mi. below L. 1.25 mi, mine road L/S. 0.55 mi - ankerite; arsenopyrite; dolomite xtal; galena; graphite; molybdenite; pyrite (in dump can be pulverized and passed for gold); zircon xtal.

Paddock Copper Mine. (Littleton 7-5-7-5-5 and 7-5-7-1-6). Opened 1880. res p. 1902. 1950. Produced considerable copper. - (see above - Dodge - to #), cont. 0.6 mi, bear L. 1 mi to Lyman village, straight, 1.5 mi to Tinkerville, L. 0.3 mi, L fork. 1.65 mi, mine road R (W). 0.5 mi, (R to smelter and tunnel), cont. 0.5 mi to open cut and water filled shaft - ankerite; azurite; chalcopyrite; galena; pyrite; pyrrhotite; sphalerite.

Bailey Mine. (Littleton 7-7-2-4-4). Shaft and tunnel.

Bedell Mine. (Moosilauke 1-3-5-5-5). 0.1 mi SW of Dodge Mine.

Gough Hill Mine. (Moosilauke 1-3-1-9-9).

Grafton Mine. (Moosilauke 1-1-2-5-6). Operated for metal; reopened for fertilizer mine - ankerite xtal; calcite (rhomb). Granite State Copper Mine. (Moosilauke 1-1-6-6-6).

Haviland Copper Mine. (Moosilauke, 1-6-5-1). 500 ft and 250 ft shafts.

Little May Gold Mine. (Moosilauke 1-3-7-1-1). 2 shafts - galena; pyrite; sphalerite (abundant).

Maine Gold Mine. (Moosilauke 1-2-4-3-1). Shaft and 800' open cut. 0.5 mi W of Dodge Mine.

May Mine. (Moosilauke 1-2-4-8-8). ¼ mi N of Little May.

Miller (or Red Gold) Mine. (Moosilauke 1-3-4-1-9). 800 ft cut. Co S ½ mi on mine rd which leaves town road ½ mi E of Dodge Mine.

New England Mining and Reduction Co. Mine. (Littleton 7-9-8-4-3). Shaft - ankerite xtal; gold; silver.

H. G. Gold Mine. (Moosilauke 1-3-3-2-5). - ankerite xtal.

Paddock Lead Mine. (Woodsville 3-3-2-3-4), bulldozed and investigated 1953 with other local mines. - galena; pyrite; sphalerite.

Parker Farm Mine. (Moosilauke 1-1-9-6-2).

Royce Prospect. (Littleton 7-5-5-5-5). Gardner Mt. chalcopyrite; galena, pyrite; sphalerite.

Shaft. (Littleton 8-7-1-5-3).

Shaft (Moosilauke 1-5-6-9). deep.

Shaft (Moosilauke 1-5-3-1-1). 60'.

Stump Mill. (Littleton 8-7-1-8-2).

Tinkerville Locality. (Littleton 7-8-3-6-3). on E side of hill W of village at 1200 ft elev. - quartz xtal (in ½ mi vein).

Titus Farm Mine (or Redakin). (Littleton 7-8-4-8-4). - galena (argentiferous).

White Mt. Mine. (Moosilauke 1-1-6-7-5).


Gordon Gold Mine. see New England Mining and Red.

Lisbon Gold Mine. see Dodge Mine.
Lyne, Grafton Co., - Mt. Cube and Mascouma Quads.

General - cassiterite (?); chalcopyrite, chlorite, galena; hornblende; quartz (rutilated); stibnite (in boulders).
/Hit's Hill (?). - quartz (tourmalinated)/.
/Holt's Hill Pyrite Mine. N foot of hill - pyrite; tourmaline xtal (black)/.

White Cow Hill Locality. (Mt. Cube 7-3-2). Junc Rt 10 and East Theford Rd. Nth road in Lyne, W on East Theford Road. 1.3 mi, R, 1.1 mi, due E 500 yds. - graphite, kyanite (in quartz).

Holt's Ledge Prospect. (Mt. Cube 8-4-8-6-8). Junc Rt 10 and East Lyne Center road in Lyne, E on Lyne Center Road. 2.9 mi, bear R, 0.45 mi to Dartmouth Ski-way Lodge, to W between ski tow and next trail to N. - powellite; scheelite.

Holt's Ledge. (Mt. Cube 8-4-6-6-8). DANGEROUS. (see above - Holt's Ledge Pnt.), climb ski trail farthest S almost to top (just below 'waterfall'), go around N end of snow fence to edge of cliff, in quartz vein - bismuthinite, ferromilbore; molybdenite.

State Quarry. (Mt. Cube 8-6-7-9). 1 mi SW of King School. Limestone Quarry. (Mt. Cube 4-7-9-2).

Lyndeborough, (Lyndeboro), Hillsboro Co., - Peterborough and Milford Quads.

/Old Glass Quartz Mine/. 
Red and Green Jasper. (Peterborough 4-3-9-9-2).

Mason, Carroll Co., - Ossipee Lake Quad.

General - chalcopyrite.
/Old Lead Mine. (Ossipee Lake 5-1-7-4)/.
/Old Lead Mine. (Ossipee Lake 5-6-7-6)/.
/Prospects. Several lead prospects 1 mi N of Madison toward Conway Corners near highway/.
/Silver Lake Lead Mine. (Ossipee Lake 5-7-1-1). N of road on E side of Silver Lake/.

/Six Mile Pk. Old Bog Ore Mine/.
Fletcher and Lahey Granite Quarry. (Ossipee Lake 2-6-7-1-9). Junc Rt 16 and 113, South of Conway, Rt 16 S, 1.2 mi, L, 0.45 mi, sharp L corner, 0.25 mi (new opening - see below), cont. 0.25 mi - allanite; epidote (in joints); manganite.

Fletcher and Lahey Granite Quarry New Opening. (Ossipee Lake 1-4-9-3-5). (see above). NW 250 yds. -course granite.

Madison Lead Mine. (Ossipee Lake 5-7-2-8-5). Shaft. Opened 1826. Reopened 1915. Junc Rt 113 and East Madison Road in Madison village, S towards East Madison, 1.55 mi, R fork, 1.75 mi, R, 0.6 mi, old foundations S of road. - calcite; fluorite (purple); galena; hydroxizite (fluor.). limonite; minium; pyrite; pyromorphite; quartz xtal; serpentine; siderite; smithsonite; sphalerite (light yellow).

Burke Lead Mine. (Ossipee Lake 6-3-9-9-4). Junc Rt 113 and East T Madison road in Madison Village, Rt 113 W, 1.2 mi, due N 150 yds. 

Banks Lead Mine. (Ossipee Lake 5-6-1-6-1-6). (see above - Burke to #), cont. 1.3 mi, L (S), 0.1 mi, due E 200 yds. 

Hoyle Lead Mine. (Ossipee Lake 5-6-1-6-5). (see above - Banks to #), cont. 0.2 mi, due E 150 yds.

Manchester, Hillsboro Co., - Manchester, Suncook, Concord and Milford Quads.

/Arms Site - allanite; meionite; vesuvianite (in limestone)/. 

/Bog Ore Mines. Produced iron for cannon balls during Revolution/. 

/Knowlidge Ledge Granite Quarry. 14 mi NE of City Hall/. 

/Robert Baker land (1840) - magnetite xtal up to 1 lb/. 

Amoskeag Ledge Granite Quarry. (Suncook 7-8-9-4-4). Large. on Bidgott St. near Kennard Rd.

Bodwell Granite Quarry. (Suncook 7-8-9-4-4). 100' NE of Amoskeag Ledge.

McCarthy Granite Quarry. (Suncook 7-9-8-1-5). Mammoth Rd off end of Kennard Rd. E 300 yds.

Marlboro, Cheshire Co., - Monadnock Quad.

General - beryl; quartz (rose, gemmy). 
/Old Mica Mine/. 

Webb Granite Quarry. (Monadnock 6-2-8-9-7). Large opening. Junc Rts 101 and 124 in Marlboro village, Rt 124 S, 1.2 mi, follow old road to NE 200 yds. - garnet xtal (gem); muscovite; tourmaline (black).

Monadnock Mine. - Monadnock 5-7-2-19. shaft.

Marlboro, Cheshire Co., - Lovell Mt. and Bellows Falls Quads.

Jones Feldspar Mine. (Lovell Mt. 7-1-5-2-1). (see Pomlow, Gilsum - to #), cont. 0.5 mi.

Westham (Windham) Feldspar Mine. (Lovell Mt. 6-5-6-5-9-4). Large. Junc Rts 101 and 123 in Marlboro, Rt 123 W, 1.75 mi, mine road S, 0.25 mi. - East cut - apatite; quartz (rose, smoky).

/North cut - muscovite. 

Turman Mine. (Lovell Mt. 6-6-7-2-1). Feldspar. 3 large open cuts. (see above - Westham - to #), cont. 0.5 mi, mine road R (N) at top of rise, 0.5 mi to last 2 cuts - montmorillonite; spodumene; tourmaline (black, blue and green). Take R fork for 0.25 mi to 3rd cut - albite (var. cleavelandite); beryl; garnet; muscovite; quartz (rose); spodumene.

Eureke Mine. (Lovell Mt. 7-1-5-3-2).

Howard Fieldspar Prospect. (Lovell Mt. 6-8-8-1-8). 2 mi SSW of Marlboro, W of Ashuelot River - quartz xtal (milky).

Russel Fieldspar Mine. (Lovell Mt. 6-1-7-5-7). Large, 1 mi S of Gustin Pt. and 1 mi W of road. Windham Mine. See Windham.

Mason, Hillsboro Co., - Peterborough, Milford, Fitchburg and Groton Quads.

General - hematite.
/Glen Granite Quarry/. 

Lovejoy Granite Quarry. (Milford 7-6-8-9-7).

Meridith, Belknap Co., - Holderness and Winnipesaukee Quads.

General - galena; pyrite.

Merrimack, Hillsboro Co., - Milford and Manchester Quads.

/Old Limonite Mine/. 
/Old Rutile Mine. On Souhegan River. - Rutile (red, massive)/.

Middleton, Strafford Co., - Alton and Wolfeboro Quads.

General - arsenopyrite (extensive deposits).


/Larabee Farm Prospect. - copper; zinc/. 

/Hay Cooper Mine. (Percy 9-2-5). 3 mi from depot on road. 

/Milan Mill. (Percy 9-3-8-3-7). Zinc. Operated 1870-86; 1895-
1907; 1910-1930, 1938. Diamond drilled 1940. Assay gold $1.50/T. Silver 1 oz/T. Junc Rts 110 and 110A at West Milan, Rt 110 S, 2.2 mi, L (E), 1.1 mi to RR crossing, 0.5 mi to brook, mine N of road and W of brook. - blende; borite; chalcocite; chalcopyrite; chlo- 

rite; galena (rare); muscovite; pyrite; sphalerite.

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Fogg Mine. (Percy 9-3-5-6-1). 3 mi from Milan depot near RR. Green Ledges Localities. (Percy 9-1-9-8-5 to 9-6-1-3-1). Quartz (var. amethyst) at 1700 ft level; topaz at 2000 ft level on south and east sides. Pockets marked by red feldspar.

Milford, Hillsboro Co., - Milford Quadrangle.

General - limonite (bog ore).

Souhegan River at Wilkes Mills (1840). In foundation, along river and in vein in river - rutile.

Milford Granite Quarry. 1 mi SE of village on E side of hill - quartz xalts (in seams).

Bishop Granite Quarry. (Milford 6-9-8-2-1). 3/4 mi NW of village - apatite; magnetite; quartz (rutile); zircon.

Bruce Granite Quarry. (Milford 7-4-3-3-1).

Burne Cutting (Granite Quarry). (Milford 7-3-7-9-2). 1840.

Carlton Granite Quarry. (Milford 6-9-1-9-9). 2 mi NW of village - allanite; apatite; magnetite; quartz (rutile); rutile.

Courtland Granite Quarry. (Milford 7-4-6-1-5). 3 3/4 mi SW of village at E foot of Badger Hill - apatite; magnetite; quartz (rutile); zircon.

Hayden Granite Quarry. (Milford 8-1-4-4-1). 1 3/4 mi S 25⁰E of village, 1/3 mi N 35⁰W of Federal Hill - allanite; apatite; magnetite; pyrite (coated joints); zircon.

Kit Ledg Granite Quarry. (Milford 8-1-7-4-3). 1 3/4 mi S 15⁰W of village. Opposite side of the hill from Lovejoy Quarry - allanite; apatite; magnetite; quartz (rutile); zircon.

Lovejoy Granite Quarry. (Milford 8-1-7-4-8). 2 mi S 25⁰W of village - allanite; apatite; pyrite (in seams); zircon.

New Western Granite Quarry. (Milford 6-9-1-9-6). Op. 1959. 2 1/2 mi NW of village - apatite; biotite; magnetite; microcline xalts (large; pink); pyrite; zircon.

Paradis Granite Quarry. (Milford 7-4-6-6-6). On Milford-Brookline town line. 1/2 mi SE of Badger Hill - allanite; magnetite; pyrite; zircon.

Pease Granite Quarry. (Milford 8-1-7-2-8). Near Lovejoy Quarry - apatite; magnetite; zircon.

Riley Granite Quarry. (Milford 7-4-3-2-6).

Roberts Granite Quarry. (Milford 5-7-6-2-4).

Saunders Granite Quarry. (Milford 8-2-4-1-7).

Souhegan Granite Quarry. (Milford 8-6-3-4-4). 2 1/2 mi SW of Federal Hill.

Tonella King Granite Quarry. (Milford 8-6-1-2-2). Op. 1859. (Also Tonella New Quarry). 2 1/4 mi S 25⁰W of village - allanite; apatite; magnetite; quartz (amethystine); rutile; zircon.

Tonella Old Granite Quarry. (Milford 8-1-3-9-1). 1 1/2 mi S of village - allanite; apatite; magnetite; quartz (rutile); zircon.

Whitten Granite Quarry. (Milford 8-7-3-6-9).

Young Granite Quarry. (Milford 8-1-4-4-9). 1 1/2 mi SE of village - allanite; apatite; magnetite; pyrite (coating joints); zircon.

Green Granite Quarry. See Hayden.

Millsfield, Coos Co., - Dixville, Milan, Errol and Percy Quads.

General - beryl (fine).

Milton, Strafford Co., - Alton, Berwick, Newfield and Wolfeboro Quads.

General - serpentine (var. chrysotile).

Monroe, Granton Co., - St. Johnsbury and Littleton Quads.

Copper Prospex. (St. Johnsbury 9-8-4-6-6, 9-8-4-1-7). No. 1, on old road 3 1/2 mi N of village on E side of road; No. 2, 3 1/2 mi N of No. 1 on E side of old road - aurite; chalcopyrite; malachite; pyrite; pyrrhotite; sphalerite.

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Moultonboro, Carroll Co., - Winnepesaukee, Mt. Chocorua, Plymouth and Ossepe Lake Quads.

Ossipee Mts. See Ossipee.

/Watson Ledge. (Mt. Chocorua 7-9-6). - zircon.

/Horse Quarry - wholerite.

/Lake Winnepesaukee - Long Island. (Winnepesaukee 5-3). - amethyst sand.

Pygmatite. (Winnepesaukee 5-3-2-8-5). On power line, W of road 3/4 mi S of N tip of Long Island - beryl.

Red Hill Localities. (Mt. Chocorua 7-8-7-2-1 & 7-8-9-6-5). 3/4 mi WNW and 3 1/2 mi E of fire tower - acmite; hastingsite xalts; hornblende xalts; sodalite (in nephelite, fl); wholerite.

Nash and Sawyer Location, Coos Co., - Crawford Notch and Mt. Washington Quads.

/Saco Lake Locality. (Crawford Notch 2-6-11). Near headwaters of Saco River - quartz (amethysty).

/Crawford House Locality. (Crawford Notch 2-6). In Notch nearby - andalusite; fluorite (green); microcline (amasonite); quartz xalts (clear and amethysty); tourmaline (black).

Nashua, Hillsboro Co., - Manchester, Groton, Milford and Lowell Quads.

/Granite Quarries. Near Mine Falls.

/Mine Falls or Mine Island. Old Mine on island operated and shares sold in England 1865. 2 mi W of Nashua on Nashua River - galena.

Nelson, Cheshire Co. - Monadnock and Lovewell Mt. Quads.

General - psilomelane.

/Osgood Mine. (Monadnock 2-2-3-4). Also called Old Lead Mine - graphite.

Newbury, Merrimack Co., - Sunapee and Mt. Kearsarge Quads.

General - fluorite (purple).

/Sunapee Mt. (Sunapee 9). - blusmuth (native?).


General - hematite.

Newcastle, Rockingham Co., - York Quad.

General - calcite (amygdules).

New Hampton, Belknap Co., - Holderness Quads.

/New road bypass (Holderness 5-6). 1955. - garnets (gem, in cut)/


Newington, Rockingham Co., - Dover Quad.

General - almandite xalts.

New Ipswich, Hillsboro Co., - Peterboro and Fitchburg Quads.

General - beryl (fine); kaolin.


General - beryl (fine); molybdenite.

Etlin's Fieldspars, Mts. (Mt. Kearsarge 6-2-2-3-2).

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Newmarket, Rockingham Co., - Dover and Mt. Pawtuckaway Quads.

Newmarket Silver Mine. (Dover 6-9-8-6-9). Junc Rts 152 and 108 in Newmarket, Rt 108 N, 0.7 mi, due E 200 yds. - galena; jasper pebbles nearby; quartz; tourmaline (black).

Newport, Sullivan Co., - Sunapee and Claremont Quads.

General - arsenopyrite.

The Pinnacle. (Sunapee 5-6 to 6-4). At contact of granite and schist - molybdenite.

G. E. Smith Mine. (Sunapee 6-7-2-3-2). Junc Rts 10 and 11 south side of Newport village, Rt 11 W, 2.5 mi, L. 0.7 mi, mine S of road, ask permission at house. - allanite; amboygonite; xtal; apatite; arsenopyrite; augeilit (3rd known locality); beryl; beryllonite; brasilianite xtal; (3/4 x 1/2);; clacksporyt; childrenite; clevlandite; clandestine; dickinsonite; pale olive green; botryoidal on albite; francolite (yellow to orange crust); gisantone; hurburite (1st locality); laselite; lasilite xtal; morganite; muscovite (pea-sized black tourmaline and beryl); purpurite; pyrite xtal; quartz xtal (rose & smoky); rockbridgeite; roscboite; sidereite; straniut; tourmaline; triphylite magnesian to 4%; vivianite; voelekerite; wandite; siron.

Chandler Mills Mine. (Sunapee 6-5-8-9-8). Mica (see above) to E of house - augeilit; childrenite; siderite.

North Hampton, Rockingham Co., - Exeter and Dover Quads.

General - basanite.


General - pyrolusite in granite; pyroxene.

Saddleback Mt. (Mt. Pawtuckaway 1-8 & 9). Corundum (single xtal, fine ruby found years ago, ruby spinel?); garnet in schist (clive brown); spinel xtal in limestone (red ochrebeds).


Blake's Hill 'Gold' Mine. (Mt. Pawtuckaway 1-7-3-6-9). On S part Blake Hill.

Nottingham, Rockingham Co., - Mt. Pawtuckaway Quad.

/ Old Iron Mtn. - Bog ore.

/Ridges N of Quincy Pk. (Mt. Pawtuckaway 5-1). Near Deerfield Line - magnetite.

Pawtuckaway River Gravel Pit. (Mt. Pawtuckaway 8-1-4-5-7). Extensive white quartz drift. (see Vacher Mine, Raymond - to #), cont. N, 0.75 mi, 100 yds W of road - garnet (boothroydite); quart xtal.

Corson Mine. (Mt. Pawtuckaway 8-2-2-7-2). Pegmatite, small. (see above - Gravel Pit - to #), cont. N, 1.05 mi, R, 0.25 mi, 200 yds S - beryl xtal; columbite.

Pawtuckaway Mt. Road Metal Quarries. (Mt. Pawtuckaway 6-4-8-6-1, 6-4-8-7-3). Junc Rts 152 and road to Deerfield in Nottingham, road to Deerfield W, 1.1 mi, R, 2.3 mi, L, 1.25 mi, N and S of road. - garnet; hornblend xtal (60%); magnetite (abundant); staurolite xtal; tourmaline.

Odell, Coos Co., - Percy and Dixville Quads.

/ Long Mt. (Percy 2-8-8-1). See also Stark. - khebelite.

Orange, Granton Co., - Carldigan and Mascama Quads.

General - galena.

/McConnell Mica Mine. - albite (var. clevelandite); spadumene.

/ Mt. Cardigan. (Cardigan 5-1 & 6-3). - stillimanite.


/Staples Mica Mine. - albite (var. clevelandite); muscovite; tourmaline.

Orange Mica Prospect. (Cardigan 6-2-5-7-3). 2 open cuts and tunnel. Junc Rts 4 and 11B in Canaan, N on Rts 11B, 0.45 mi, R (towards Orange village), 1.7 mi, R, 0.2 mi, mine road L (NE), 0.5 mi - tourmaline xtal (to 4"); black.

Williams Mine. (Cardigan 6-5-1-4-4). 1 med. cut. Mica and Beryl. (see above - Orange Mica to #) straight, 1.65 mi, mine road L (NE), 0.25 mi to mine on summit of S spur of Tuttle Mtn. - beryl; biotite; chlorapatite; pyrrhotite; tourmaline.

Pettes Mica Mine (Cardigan 6-2-2-1-1). 4 small pits. (see above - Orange Mica to #), straight, 0.3 mi, L (NW), 0.5 mi, R (NE), 0.5 mi - apatite; biotite; tourmaline (black).

Standard Mine. (Cardigan 6-2-2-5-5). (see above - Pettes to #), straight, 0.6 mi, L (N), 0.4 mi, L, 0.2 mi, due N 150 yds. - apatite, beryl xtal (large); clevelandite; feldspar xtal (3.6); muscovite (8" x 10"); tourmaline (black). Other prospect holes 50 yds, SW and 300 yds NNE.

Strain Mica Mine. (Cardigan 1-8-9-0-9-7). 7 large openings. (see above - Standard to #), straight, 0.4 mi, L, 0.35 mi, due N 150 yds. - albite (var. clevelandite); beryl xtal.

Pinnacle Mica Mine. (Cardigan 1-8-6-8-8-2). 5 medium cuts. (see above) 300 yds N 350W - apatite; biotite; garnet; tourmaline (black).

African Mica Mine. (Cardigan 6-2-4-1-9). One long cut. (see above - Standard to #), straight, 0.1 mi, L, 0.2 mi, on E side of road, dumps on W - beryl; muscovite xtal (10" x 2").

Koyen Mica Mines. (Cardigan 1-5-9-9-9). Nos. 1 & 2; (Cardigan 1-4-7-7-9) Nos. 3 & 4; (Cardigan 1-9-1-1-6) Nos. 5 & 6. Six open cuts. (see above - African to #), cont. 0.8 mi, walk N on mine road, 2.5 mi with steep grades both ways. - No. 1 (W of Mascama Trail) - autunite; beryl; biotite; elbaite; muscovite; tourmaline. - No. 2 (E of Mascama Trail) - apatite; beryl; garnet; Nos. 3 & 4 - apatite; beryl; garnet; Nos. 5 & 6 - apatite; tourmaline. - No. 5 (trench ending in round pit) - apatite; garnet; sericite; tourmaline. - No. 6 - (7).

Summit Mica Mine. (Cardigan 6-4-6-5-4). Highest point on RR line. Junc Rts 4 & 11B in Canaan, Rt 4 E, 2.65 mi. No 1 in RR cut, No 2 small pit south of No 1 - chrysoberyl; oligoclase.

Coelman Mica Mine. (Cardigan 6-5-3-5-8). - apatite; biotite; tourmaline (black).

Hobert Mica Mine. (Cardigan 6-2-4-8-5) - albite (var. clevelandite).

Hoyt Hill Mica Mine. (Cardigan 6-5-3-5-2).

Smith pasture. (Cardigan 1-8-3-2-6). Feldspar.

Whitehall Prospect. (Cardigan 6-6-5-1-8).

Baer Mica Mine. See Hobert Mine.


Fellows Mine. See African Mine.

Ford Mica Mine. See McConnel Mine.

Harry Ford Mine. See McConnel Mine.

Orange Summit. See Summit.

Sanborn Mine. See Strain Mine.

South Hoyt Hill Mine. See Coleman Mine.

Star Mine. See Strain Mine.

Wilkins Mine. See Smith Pasture.


General - almandite xtal; calcite; chalcocite; galena; graphite; kyanite; melaconite; pyrite; pyrrhotite; talc; thuringite.

Atwell Hill. - See Wentworth.

/Alton Mine.

/Blackberry Hill. (Mt. Cube 5-2, 3). Top and SE side - staurolite xtal.

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Soapstone Quarry. (Woodsville 9-9-4-7-8). (see above - Cross Hill - to *). L. 0-2 mi, due E 150 yds.


General - chalcopyrite; galena; serpentine.

Headwaters of Indian Stream. (Indian Stream A-8-1,2 & 6). - gold (placer, panned for many years).

Pittsfield, Merrimack Co., - Gilmanton and Alton Quads.

Webster Mills Bridge Locality (Chichester). (Gilmanton 8-4-8-8-2). Jund Rts 4 and 28 at Epsom traffic circle. Rt 28 N. 4.5 mi, R. 0.85 mi, just N of bridge - beryl xtal (white); tourmaline (black).

Silverdale Mine. (Gilmanton 8-4-9-9-8). Op for lead, silver, zinc. (see above - Websters), cross bridge, 0.05 mi, walk N along RR. 0.3 mi, due E 300 yds - galena; sphalerite.

Jenness Pond Locality. (Gilmanton 9-9-8-8). Near top of hill to SW - sillimanite xtal (2').

Plainfield, Sullivan Co., - Hanover, Mascoma and Sunapee Quads.

General - amesite (?; in kyanite); chalcopyrite; dolomite; gold (in streams).

/Meriden. (Hanover 9-4). - pyrite/.

/Stowell Hill. (Mascoma 7-7-9). - staurolite/

/Gleason Cemetery. (Mascoma 7-6-5-6). N of - chloride (penninite).

Plymouth, Grafton Co., - Holderness, Plymouth, Rumney and Cardigan Quads.

General - beryl (fine); columbite; melanterite.

Portsmouth, Rockingham Co., - Dover and York Quads.

/Iron Works (1672). 6 mile land grant on Lamprey River/.

/Rand Quarry. (1840). - calcite xtal (clear, amber, white); epidote (radiated in hornblende); silver (native, 3° - 4° mass of wires in stonewall)/.


/Tread Me./.

/Mine. (Mt. Washington 5-5-3-7-?). - pyrite; quarts xtal/.


General - quartz xtal.

Old "Silver" Mine. (Mt. Pawtuckaway 8-6-8-8-7). Junc Rt 101 and Nottingham rd E of Raymond, N on Nottingham road, 0.6 mi, due W 400 yds.

Vacher Mine. (Mt. Pawtuckaway 8-1-9-6-4). Dump on south edge of the road. (See Nottingham, Gravel Pit and Groton Mine). (see above - Silver Mine - to *), cont. N. 1.05 mi*, R. 0.25 mi - beryl xtal.

Chandler Mine. (Mt. Pawtuckaway 7-7-8-4-8-5). Pegmatite. Op 1947. Large Dike, beryl outcrop east of opening. Junc Rt 10 and road into Raymond village on the E, go through Raymond, 0.7 mi, bear R, 0.1 mi, bear L, 0.65 mi, cross RR, 0.3 mi*, mine at edge of road on right (W). - Albite (var. cleaveladite); apatite (pink); beryl (pink and green); chalcopyrite (small xtal disseminated in pegmatite: columbite, lepidolite, manganapatite; pinite; pyrolusite; quarts (rose); spessartite (orange in leudolite); spodumen, tourmaline (green and black); triphylite.

-30-
Smith Mine. (Mt. Pawtuckaway 7-7-9-2-3). 3 med. plts. Across the road from Chandler Mine and 200 yds up hill. - adamantite; arsenopyrite; autunite; bertrandite; xanthate; beryl; chalcopyrite; columbite; fluorite; goethite; gummite; manganapatite; pyrite; pyrrhotite; siderite; spessartite; spodumene; triphylite; uraninite; uranophane.

Blake-Wechs Mine. (Mt. Pawtuckaway 7-7-8-3-9, 7-7-8-4-4). Pegmatite, (see above - Chandler - to #), cost, 0.17 mi2, mine road L (S) 0.2 mi (Blake) L just before Blake, 0.2 mi (Welch) - autunite; beryl; chalcopyrite; chlorite; columbite; manganapatite; quartz (rose); uranophane.

Osgood Feldspar Mine. (Mt. Pawtuckaway 7-7-9-3-9). (see above - Blake - to #), cont. W, 0.6 mi, L, 0.6 mi, mine 100 yds to E of road on W slope of hill - beryl, xanthate; quartz xanthate.

Lane Feldspar Quarry. (Mt. Pawtuckaway 7-7-9-4-4). (see above - Gillingham - to #), cont. 0.15 mi, mine 200 yds W.

McGill Feldspar Mine. (Mt. Pawtuckaway 7-9-2-4-1). No dumps, Junc Rte 102 and 107, S of Raymond, Mt. 107 N, 0.15 mi, L (W), 0.8 mi, mine road R (N), 0.5 mi - albite (var. cleavelandite); arsenopyrite; beryl; rutile; tourmaline (black).

Dumplingtown Hill Granite Quarry. (Mt. Pawtuckaway 7-6-5-5-3 and 7-6-5-9-8). Old "Gold" Mine. (Mt. Pawtuckaway 8-6-1-3-3). - quartz xanthate (in pocket).

General - rhodonite; sillimanite.

/Cordierite Locality. (Warwick 3-2-4). 1.7 mi S 400W of Richmond 4 corners - cordierite (massive, dark blue, along vein of quartz in amphibolite).

Richmond Soapstone Quarry. (Warwick 3-2-5-8-6). Minerals in contact rock which may be followed south for a mile. Rte 119 at crossroad in Richmond village, Mt. 119 N, 0.6 mi, L, 1.4 mi, abandoned road S, at old cellar hole 0.6 mi on E side of road follow stone wall E, pit at end of wall. - anthophyllite (brown, fibrous in tals); apatite; calcite; chlorophyllite; cordierite (very fine); garnet; hornblende xanthate; piemite; pyrite; rutile; tals; tourmaline (black).

Ridge, Cheshire Co. - Winchendon, Monadnock, Fitchburg and Peterborough Quads.

General - hematite; ilmenite; melanterite; psilomelane.

Rochester, Strafford Co. - Berwick, Alton and Dover Quads.

General - andalusite xanthate (var. chalastolite; fine); graphite; staurolite; xanthate (large).

Charles Street Locality. (Berwick 7-6-9-1-9). Spaulding Turnpike at exit 7 - garnet xanthate (good, small).

Farmington Rd Locality. (Berwick 7-1-5-2-7). Spaulding Turnpike at exit 9. - pyrite.

Long Maid Granite Quarry. (Berwick 8-8-6-6-9). 5 mi NW of Dover.

Roxbury, Cheshire Co. - Monadnock Quads.

French or Price Mine. Maybe Sullivan, Feldspar and Mica. /Horse Hill Localities. (Monadnock 1-4-6-6-4, 1-6-6-5). Junc Rte 101 and 124 in Marlboro, Mt. 101 W, 1.85 mi, R, 0.35 mi, R, 2.75 mi, R, 1.5 mi, to the E 200 yds to 500 yds and to the SW 500 yds - beryl xanthate (aque and pale green).

Bassett Hill. (Monadnock 1-8-3-9-8, 1-8-4-2-2, 1-8-4-1-7) (see above - Horse Hill - to #), straight, 0.2 mi, R fork, 0.35 mi, Bassett Hill Res 500 yds to SE, in ledges on E and W sides. - beryl xanthate (to 2"; colorless; orthoclase xanthate (to 10")).

Granite Quarries. (Mondanock 1-7-3-5-9, 1-7-4-3-6).

Rollingsford, Strafford Co. - Dover Quad.

General - pyrite.

Runney, Grafton Co. - Runnym and Plymouth Quads.

General - galena; gold (in Baker River); sphaerelite.

Herbert Prospect - to #). On Rattlesnake Mt. 3/4 mi NE of West Runney - muscovite (to 10")/.

Burgess Mine. (Runnym 8-5-3-7-4). Feldspar, mica and beryl. Rt 25 at turnoff to Runnaway village, Mt. 25 W, 2.5 mi, wood road L (S), 0.65 mi, - beryl xanthate (to 3/4" x 9/16). Keniston Mica Prospect. (Runnym 8-4-2-2-6). Junc Rt 25 and Runnaway village road, N toward Runnaway, Mt. 65 W, L, 2.4 mi, walk NE 0.1 mi to top of small knob. - beryl; garnet; tourmaline (black).

Laggett Mica Prospect. (Runnym 8-2-6-2-4). 2 small cuts. Junc Rte 118 and 25 W of West Runnaway, N on gravel road, 0.1 mi, to lane on L, N on lane 0.1 mi - beryl; tourmaline (black). Belden Mica Mine. (Runnym 8-2-4-4-2). Rt 25 in West Runnaway, road to NW, 0.4 mi (cross RR and river), R, 100 ft lane on left (NE), 0.2 mi - apatite; garnet; tourmaline (black). Wheat Mine. (Runnym 8-3-1-8-7). Feldspar and Beryl. (see above - Belden - to #). R, 0.2 mi, L, 0.7 mi - muscovite; quartz (rose). Eight Ball Mine. (Runnym 5-9-5-7-5). Pegmatite, 5 small cuts. (see above - Belden - to #), L, 1.2 mi, ruined barn on left, R onto old logging road and trail, 1.35 mi - apatite; beryl (white and pale green); garnet; muscovite; tourmaline (black).


Rye, Rockingham Co. - Dover, Exeter and York Quads.

General - andalusite xanthate (var. chalastolite); calcite.

Salisbury, Merrimack Co. - Mount Kearsarge and Penacook Quads.

General - graphite; hematite.

Sandwich, Carroll Co. - Mt. Chocorua and Plymouth Quads.

/Long Point (Squam Lake). Mt. Chocorua 7-7-1-11. - hornblende xanthate/.

/Pegmatite reported. (Mt. Chocorua 6-8-6, 7). E slopes of Mt. Israel/.


Sargent's Purchase, Coos Co. - Crawford Notch and Mt. Washington Quads.

/Mt. Washington. (Mt. Washington 9), - amphibole (asbestos); andalusite (var. chalastolite); kyanite; purpurite; quartz (rose and smoky); staurolite; tourmaline (black).

Carriage Road. (Mt. Washington 9-4-7-6-8). Near Mile post 5 - prochlorite. -33-
Shelburne, Coos Co., - Gorham Quad.

General - argentine.

/Steves Lead Prospect. - galena (argentiferous); sphalerite. Shelburne Lead Mine. (Gorham 2-8-7-9-2). Opened 1846 by White Mts. Silver and Lead Co, reopened 1886. Shaft 275 ft. water trouble. Junc Rts 16 and 2 in Gorham, R T 2 E, 3.3 mi, L 0.5 mi, R 0.35 mi, L 0.5 mi, follow trail on E of brook, approx. 0.6 mi; turn onto first branch from W. (ore separating plant), 200 yds. up branch to mine. - bornite; chalcoprite; galena (argentiferous); pyrite; pyrargyrite; siderite; sphalerite. Fischer Mine. (Gorham 4-1-8-8-4). Pegmatite. On top of knoll 0.5 mi W of Artists Brook.

Somersworth, Strafford Co., - Berwick and Dover Quads.

Granite Quarry. (Berwick 8-8-6-6-4).


General - oligoclase xts; spessartite (abundant, fine, in 1840).

/George Hill. (Mascoma 8-3-4 & 9-1-6, 6). Partly in Enfield, hematite; quartz xts (amethyst plowed up over several square miles, deep colored ½ bu., 1875, small pit south end 1951)/.
/Joe Hill Farm. (Mascoma 9-9-2-2). This may be the famous old garnet locality (1905) where “all collectors got their spessartites”. Take road to south end of Melvin Hill, at corner where dirt road ends and abandoned road starts, go 200 yds S through brush to ledge - beryl xts (gem); garnet (var. spessartite)/.
/Old Mica Mine. (?) - quartz (rose and smoky); topaz (blue)/.
/Arn’s Lead Mine. See Grafton for route.
/Columbia Gem Mine. (Cardigan 7-7-3-1-7). Operated for Aqua and Golden beryl. 4 med. open cuts. (see Grafton, Demott mine, p. 9), .05 mi, 1 fork, 0.9 mi to mine - beryl xts, golden gem xts, 4” x 13”; muscovite; quartz (amethyst, smoky).
/Reynolds Beryl and Mica Mine. (Cardigan 7-7-3-1-3). No trail or road, original work, face removed from cliff. Later 3 cuts 100 ft up hill, many large gem berylia removed, most aura very deep blue. (see above) NE of Columbia 300 yds - apatite; beryl xts (deep blue aqua, 8° x 10°); biotite; garnet (gem); muscovite; quartz xts (clear masses 4” dia.); tourmaline (black).
/Davenport Mine. (Cardigan 7-7-3-1-3). (see above - Reynolds). Opening on lowest edge of - beryl (large coarse), garnet (cutting); quartz xts (very brilliant); tourmaline (black).
/Playter Beryl and Mica Mine. (Cardigan 7-7-1-5-9). 3 open cuts connected, 4th cut 200 yds S, prospect holes, N 75 lbs of aqua plowed out. (see above - Columbia to #3), straight, 1.2 mi, abandoned road S, 1 mi, trail SE, 0.65 mi - albite xts; arsenopyrite; beryl xts (gem - pale green, colorless and pale blue); grafitite; triphyllite.
/New Crystal Mine. (Cardigan 7-7-1-4-7). (see above) adjacent to Playter.
/Melvin Hill Prospect No. 1. (Mascoma 9-9-1-4-4). Rt 4A road S to Springfield village. (7.5 mi SE of Enfield Center). NW on Rt 4A, 0.25 mi, R 0.65 mi, straight, 0.1 mi, R, woods road 0.3 mi - apatite; beryl; biotite; muscovite.
/Melvin Hill Prospect No. 2. (Mascoma 9-9-6-2-4). (see above - Melvin No. 1 to #3), R 0.2 mi, S side of road - apatite; beryl; biotite; muscovite.
/Coffee Mine. (Mascoma 9-9-2-4-6). (see above - Melvin Hill No. 1 - #4), R 1.1 mi, on E 100 yds - beryl; quartz (asteriated).
/Globe Mine. (Mascoma 9-9-9-5-9). Fedepar and Mica. (see above - Melvin No. 1 to #8), Rt 4A SE, 1.6 mi, logging road N, 0.5 mi - apatite; autunite; beryl; biotite; garnet; loellingite; quartz (milky, high asterism, rose); topaz xts; tourmaline (black).

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Globe No. 2. (Mascoma 9-9-9-5-9). (see above) up hill from Globe.

Muscatuck Prospect. (Mascoma 9-9-9-5-6). Pegmatite. 2 cuts. Up hill from Globe Mine - beryl xts; garnets (to 2”); triphyllite xts (to 8’).
/Justin Nichols Mica Mine. (Sunapee 3-1-4-9-7). (see above - Melvin No. 1 to #4), S toward Springfield village, 0.9 mi to crossroad in Springfield village, R 0.7 mi, R 0.2 mi, L 1.0 mi, farm house on R, cont S on abandoned road, 0.2 mi, L trail 0.1 mi - biotite; garnet; muscovite; tourmaline (black).
/Pinnacle. (Mascoma 9-2-5-5 & 7). Near foot of Banks Pinnacle and Enfield Rd - chalcopyrite xts; quartz xts (brilliant on W top of hill).
/Joe Hill Mine. See Colby.
/Lamb Mine. See Aaron’s Ledge.

Cardigan, Strafford Co., - Percy Quad.

General - allanite; astrophyllite; diopsite (clear); fayalite; hastingsite; heblenburite; hornblende; riebeckite.
/Hutchins Mt. (Percy 7). Some of the best amethyst ever found.
/Dawson Granite Quarry. 3 to 4 mi E of Groveton Sta. on N-S ridge 800 ft above the station. - allanite; apatite; magnetite.
/Granite Quarry. 1.5 mi SW of Blake School at 1600 ft elev. /.
/Granite Quarry. 1.5 mi N of Stark.
/Mill Mt. (Percy 5-7-8). Large exposures of laboradoreite.
/Victor’s Head. (Percy 5-1-7-8). - topaz xts (at 1700 ft).
/BAld Mt. (Percy 5-1-9 to 5-2-7). quarts (amethyst on citrus xts, smoky).
/Diamond Ledges. (Percy 5-1 & 2). 1 mi N of Rt 110 on shoulder of Long Mt., face removed from cliff and talus of large boulders, 1200 ft elev. - quartz (amethyst; many fine, smoky xts); topaz xts.
/Long Mt. See Odell.

Stoddard, Cheshire Co., - Lovell Mt. Quad.

General - cordierite; lasulite.
/Old Lead Mine. SW part of town/.

Strafford, Strafford Co., - Alton and Mt. Pawtuckaway Quads.
/Gravel Pit. (Alton 8-8-9 or 9). 1 mi E of Center Strafford - apatite (II); biotite; epidote; orthoclase; titanite; vesuvianite./
/Sander’s Ledge. (Alton 8-2-7-1). - tourmaline (black with quartz cts).
/White Ledges Prospect. On N end of Blue Hill ridge - gold (?)/.
/Parker Mt. Mine. (Alton 8-6-6-4-3). Op 1915 for feldspar and 1940 for mica. Junc Rt 202A and crossroad in Center Strafford, crossroad NW, 1.7 mi, due N 200 yds - albite (var. clevelandite); almandite; spessartite (2’ x 2’); amblygonite; apatite (green and purple, gemmy); arsenopyrite; autunite (II); beryl (aqua); biotite; cassiterite; columbite; cymolite; diopside; esphorite; eucryptite (pseudo spodumene, f. rose); fairfieldite; ferri-sicklerite; grafitite; hessereite; hureaulite; loellilite; magnette; manganaapate (II); muscovite (one book, 6’ x 6’); in Brit. Museum; ophiothecite; adularia; pyrite; quartz xts; phodocrites; sillimanite; strunite; triphyllite; vivianite.
/Ashton Rollins Prospect. (Alton 8-6-1-1-8). Pegmatite. (see above), cont NW, 0.75 mi, mine road N, 0.5 mi.
/Granite Quarry. (Mt. Pawtuckaway 2-3-6-7-9). So. of Whittier School.
/John Felker Mine. (Alton 8-3-7-4-8). Pegmatite, emall. 1 3/4 mi NW of Strafford Corner and N of road.
/Smith Prospect. (Alton 7-4-4-3-8). Op. 1959. - beryl (aqua); muscovite.

-35-
Bussaro Mine. See Parker Mt. Mine.
Paso Mine. See Parker Mt. Mine.
Rawlings Prospect. See Ashton Rollins.

Stratford, Coos Co., - Guildhall, Percy, Averill and Dixville Quads.

/Percy Peaks-South Peak. (Percy 6-3). - quartz (amethyst).
"Transparent green quartz in talus on E face", North Peak -
"Transparent brown quartz in talus on E face"/.
/Sugarloaf Localities. (Percy 1-2 & 3). - quartz (amethyst),
in drift near road, probably from Conway Granite contacts on
N slopes/.

Sullivan, Cheshire Co., - Lovewell Mt., - Monadnock, Bells Falls
Quads.

General - quartz (tourmalinated).
/French or Price Mine, may be in Roxbury/.
Nimms Mica Mine. (Lovewell Mt. 7-7-3-8-5). 2 open cuts and
smaller cut to N. - Junc Rt 9 and road to Sullivan in East Sul-
lin, NE towards Sullivan, 2.15 mi, R fork, 0.4 mi, R, 0.35
mi, due E 350 yds - beryl xtsls (to 12", gemmy); pyrite: tourma-
line (black); triphylite.
Brooks Mica Prospect. (Monadnock 1-1-3-7-7). 1 3/4 mi W of East
Sullivan, at 1200 ft elev. on NW corner of Nimms Hill, N and W
of roads. - muscovite: tourmaline (black).
Caron (Cory) Feldspar Mine. (Lovewell Mt. 7-6-3-7-6). Near
Gilsnam line, 2.5 mi N of Sullivan and N of Boynton Hill. - muscovite.
Price Prospect. (Monadnock 1-1-5-5-1). Feldspar and Mica. On
west foot of Nimms Hill 1000 ft elev. 1/2 mi E of Ferry Brook near
intersection of trail and old road.
Price Prospect. (Monadnock 1-1-3-9-4). Feldspar and Mica.
Several open cuts. 1 1/2 mi W of East Sullivan, 1/2 mi E of top of
Nimms Hill. - beryl; muscovite (books to 60 lbs).

Sunapee, Sullivan Co., - Sunapee Quad.

/Spectacle Pk. Granite Quarry. (Sunapee 4-7-7-1). SE corner of
Sunapee, 1/2 mi S of Mountain View Lake - apatite; garnet; quartz
(rutilated)/.
Paul Mica Mine. (Sunapee 5-4-6-7-5). Junc Rts 10 and 11 (103) in
Newport, Rt 11 (103) E, 2.9 mi, Rt 103 SE, 0.3 mi, L, 0.5 mi,
mile road S through pasture. 0.2 mi - beryl (gemmy); biotite;
garnet; tourmaline (black).
Ledge Pond Pond Mica Mine. (Sunapee 2-9-5-8-5). 1 med cut and pits
Junc Rts 11 & 103B in Sunapee village, Rt 11 N, 2.05 mi, L, 0.8
mi, mile road R (N), 0.3 mi - apatite; beryl (in rose quartz);
biotite; magnetite, oligoclase; quartz (rose); tourmaline (black).
Sunapee Village Mineral Locality. (Sunapee 5-1-9-8-5). Road cut
on Rt 11 by fire station in Sunapee village. - quartz xtsls (doubly
terminated).
Perry Sunapee Granite Quarry. (Sunapee 4-6-6-6-3). 1 3/4 mi W of
Burkehaven, 3/4 mi SSE of Sunapee Village on 200 ft knoll -
apatite; garnet; quartz (rutilated).
Trow Hill Mine. See Ledge Pond Mine.

Surry, Cheshire Co., - Bells Falls and Keene Quads.

General - calcite; quartz (amethyst).
/Surry Feldspar Prospect/.
/Surry Mine. Mine, maybe same as "gold" mine. - graphite/.
Surry (Mine) Ledge. (Keene 2-3-2). Junc Rts 9, 12, 12A in Keene, Rt
12A north, 2.6 mi, straight (Rt 12A R), 2.75 mi, material on
both sides of Rd near peak, E side best - hematite (botryoidal in
quartz cracks, with minute goethite xtsls); turgite.

36-

Surry Mt. "Gold" Mine. (Bells Falls 9-6-9-3-7). 2 shafts.
Junc Rt 10 and Surry Rd south of Gilsnam, W toward Surry, 0.8
mi, L, 0.5 mi, R, 0.15 mi to end of road, walk W on grown up
mine rd, 0.7 mi - azurite; bornite; calcite; chalcopyrite; galena;
malachite; pyrite.
Jack Reed Mine. (Bells Falls 9-7-3-1-9). Pegmatite.
Surry Dam Mine. (Bells Falls 9-7-3-1-8). Small cuts, accessible
by foot only, 2 mi E of Surry Dam - used for dam fill - beryl
(green); biotite.

Sutton, Merrimack Co., - Mt. Kearsearge and Sunapee Quads.

General - graphite (abundant and good quality).

Swanzey, Cheshire Co., - Keene and Monadnock Quads.

General - talc.
/Albier Mine. Feldspar., - albite (var. clevelandite)/.
/Quarry. (Keene 5-9 to 8-3). See also Winchester. N side of Fras,
mile/.
/West Hill. (Keene 3-7 to 4-1). See also Keene - graphite/.
Pegmatite Prospect. (Keene 5-47-8-4). Rt 10 at West Swanzey, Rd
W towards Spotfiord, 1.3 mi, due S 750 yds - aurinite uraninite
xtsls.
Granite Quarry (Keene 8-3-3-1-6). Op by Boston and Maine RR
for bridge abutments.

Tamworth, Carroll Co., - Mt. Chocorua and Ossipee Lake Quads.

General - galena (in widespread drift).
Ossipee Mt. See Ossipee.
/Tamworth Lead Mine. (Ossipee Lake 6-7-4). NE side of White Pd. -
galena; pyrite/.

Third Conn. Lake, Coos Co., - Second Lake Quad.

/Calcite Vein/.

Thompson and Meserve Purchase, Coos Co., - Mt. Washington
and Gorum Quads.

near Clay Brook.

Thornton, Grafton Co., - Plymouth and Franconia Quads.

White Mt. or Thornton Hill Mica Mine. (Plymouth 5-2-7-8-1).
2 med cuts. Church in Campton Upper village, R fork N, 0.8 mi,
R, 1 mi, mine road L (N), 0.9 mi - oligoclase; pyrite (between
mica sheets, asterism); pyrrhotite.

Troy, Cheshire Co., - Monadnock Quad.

/Metal Localities. 9 mi S of Keene. - graphite/.
Troy Granite Quarry. (Monadnock 7-3-4-2-5). 3/4 mi ESE of
Troy sta. - andalusite xtsls; quartz (rutilated).

Tuftonboro, Carroll Co., - Winnipesaukee, Wolfeboro, Mt. Chocorua
and Ossipee Lake Quads.

Ossipee Mts. See Ossipee.

Unity, Sullivan Co., - Claremont and Sunapee Quads.

General - actinolite; almandite xtsls chalcopyrite; chlorophyllite;
limonite; magnetite (quantity); muscovite; pyrite.
/Perry Mt. (Claremont 7-9). - cordierite/.

37-
Wakefield, Carroll Co. - Wolfeboro, Newfield and Alton Quads.


Weeds or Ham Mine. (Wolfeboro 3-9-9-6-9). Feldspar, mica and beryl. Med open pit, op 1700 and reopened about 1930. Rt 153 across Wolfeboro Lake village (1 mi S of Lake), Road W (opp church). 1.2 mi, mine road 3 300 yds - beryl xts (Powder blue), chrysoberyl xts (bordering beryl); columbite-tantalite xts (one 60 lbs); garnet; molybdenite; pyrolusite xts (in spar); sapphire xts; vesuvanite.

Mineral Hill Mine. (Wolfeboro 9-9-9-1-4). Silver and Lead. 3 shafts, op about 1880 when a six piece steering set was made from its silver and presented to the Maine State Assayer for a wedding present. (see above) climb hill to N, 0.5 mi, 200 ft SE of summit. arsenopyrite, calcite; chalcopyrite, galena; hornblende; malachite; pyrite; quartz xts, sphalerite.

Walpole, Cheshire Co. - Bellows Falls Quad.

/General - alun, andalusite (var. chiastolite); augite; beryl; calcite; cummingtonite; garnet; graphite; kainolite; kyanite; muscovite (rose colored); pelite; stilmenite; staurolite; tremolite.

Swede ledge Prospect. (Bellows Falls 8-5-5-4-4). A few test holes. Rt 12 A W of Surry Village, Rt 12A N, 0.25 mi [cross brook], L (W), 1 mi, R (N), 0.7 mi, L (NW), 0.3 mi to camp, on ridge 0.5 mi N 100W - beryl, muscovite; quartz (rose).

Wheeler Mine. (Bellows Falls 5-8-7-9-7). Feldspar. Junct Rts 12 and 13 at Cold River, Rt 123 E (S), 9.55 mi, R fork, 0.6 mi [cross brook], straight 2.5 mi, R, 0.75 mi, due W 200 yds - amphibolite; lepidolite; muscovite; pixinite; spodumen; tourmaline (blue); triphylite.

Dunstac Feldspar Mine. (Bellows Falls 5-5-7-9-1). On W spur of Cheney Hill. Granite or Road metal query. (Bellows Falls 5-6-5-4-7).


/Mt. Kearsarge - quartz (rose), in bowl near summit./

Warren, Grafton Co. - Rumney Quad.

/General - apatite, beryl xts: calcite xts; epidote; grossularite; hornblende xts; kyanite xts; magnetite xts; molybdenite; pyrochlore; pyroxene; quartz xts (clear and rutileted); rutile xts; tremolite; vesuvanite./

/General, Glencliff - feldspar; garnet./

/Little's Copper Mine. Bed of large epidote xts near the mine./

/Old Copper Mine. Mr. Merrill's land, 1907 - epidote xts (large)/

/Baker River. (Rumney 2 & 3) - gold reported.

Clement Mine. (Rumney 2-7-9-6-9). 3 small cuts. Beryl and mica. Junct Rts 25 and 25C in Warren, Rt 25 S, 0.45 mi, R (W), cross river, R (midway between bridge and old mill) onto wood road, 800 ft - beryl; garnet; pyrite.

Cotton Mine. (Rumney 2-1-2-9-4). Small. (see Junc above). Rt 25C NW, 0.2 mi, L onto gravel road, 0.25 mi, L, 1.3 mi to two farm houses, wood road E, 0.2 mi to edge of steep hillside, bar of slope - muscovite.

Ore Hill Mine. (Rumney 1-8-3-5-4). Op. 1844, reopened 1900 and 1914, 600 ft shaft, 3 shafts and open cut. Op for copper, later zincox. See above - Cotton - to #, straight, 2.4 mi, mine road L 1 mi - bornite; chalcopyrite; galena; pyrite; pyrrhotite; sphalerite (black); tremolite; zoisite.

Granite Quarry (Mica?). (Rumney 2-7-4-6-6). 3/4 mi NW of village, Tilly's Last Chance Mine. See Cotton Mine. Wood Mine. See Clement Mine.

Washington, Sullivan Co. - Lovewell Mt. and Sunapee Quads.

/Raid Hill Slide - graphite, quartz (amethyst)/

Waterville, Grafton Co. - Mt. Chocora, Plymouth and Crawford Notch Quads.

/General - quartz (amethyst)/

/Tripylad Mt. - chrysoberyl; hypersthene; ilmenite. At the Bowl - beryl/

Weare, Hillsboro, - Concord and Hillsboro Quad.

/General - arsenopyrite.

Hodgdon Soapstone Quarry. (Hillsboro 9-4-3-1-5). Talc.

Webster, Merrimack Co. - Penacook, Mt. Kearsarge and Concord Quad.

/General - garnet.

Wentworth, Grafton Co. - Rumney and Mt. Cube Quads.

/General - graphite.

/Atwell Hill. (Rumney 6-2). actinolite./

/Saunders's Hill Mica Prospect. Sevral open cuts. 2 mi S 560W of West Wentworth. - beryl./

Carrier Mine. (Rumney 5-6-2-2-2). Junc Rts 25 and 25A in Wentworth, Rt 25 N, 1.35 mi, E between Rd and River, mine road 1/4 mi across meadow - beryl; tourmaline (black).

New Love Mica Prospect. (Rumney 7-6-6-4). Small cut. Junc Rts 25 and 25A in Wentworth, Rt 25 S, 1.75 mi to just S of Baker River bridge, walk W across field 300 yds to bank SW of river bend. - beryl (blue in quartz).

McGinnis Mine. (Rumney 7-3-4-2-3-3). Op. 1955, Junc Rts 25 and 118 W of West Rumney, Rt 25 W, 0.4 mi, L, 1.3 mi, bear L, 0.1 mi, bear R, 0.65 mi, mine road on R (N), 0.25 mi - beryl (18 sided).

Watcher Phillipsbury Mica Mine. (Rumney 7-3-4-2-3-3). (see above) - McGinnis) 400 ft N (up hill) - beryl; muscovite.

Brown Mica Mine. (Rumney 5-7-2-1-9). Fellow Mica Mine. (Rumney 5-1-7-4-5). 1 med and 1 small pit. On S toe of Beech Hill, 1.3/4 mi N of Wentworth and W of Baker River on gravel road.

La Tulip Mica Mine. (Rumney 6-5-5-1-3). Opened 1958, long narrow open cut - beryl (blue-green); garnet; pyrite (large masses).

Westmoreland, Cheshire Co. - Keene, Bellows Falls and Brattleboro Quads.

/General - apatite; calcite; epidote; kyanite; microcline; quartz (var. amethyst); zoisite xts./

/Park Hill Locality (Keene 1-2 & 5). In vicinity - staurolite./

/Streecher Hill Fluorite Prospect./

Springer Fluorite Mine. (Chesterfield) (Keene 1-8-6-2-6). Outcrop on E side of highway, another cut 1/4 mi E of this cut. Junc Rts 9 and 63 near Spofford Lake, Rt 9 W, 1.55 mi, sharp R, 1.15 mi - barite; Fluorite (green); quartz.

South Poocham Locality. (Chesterfield). (Keene 1-7-4-5-2). (see above - Springer - to #), cont. 1.3 mi #, to the E 100 yds - barite.

Stoddard Fluorite Mine. (Keene 1-8-6-3-6). Two large, long cuts farther east. (see above - South Poocham - to #), cont. 0.45 mi, mine road R, 0.45 mi - ankerite; barite; calcite; chalcopyrite; dolomite; Fluorite (infra red luminescent); Kaolin; malachite xts; pyrite; sericite; siderite; smithsonite; sphalerite.

Fierce Fluorite Mine. (Chesterfield). (Keene 1-8-6-9-1). 3 long narrow cuts. (see above - Stoddard - to #), cont S, 0.3 mi - barite.
bornite; chalcopyrite; dolomite; galena; kaolinite; malachite; pyrite; sericite; smithsonite (fine); sphalerite.
Lincoln Mine. (Keene 1-7-1-9-3). SW corner Bald Hill (Lincoln Hill). -apatite; chalcopyrite; ferrimilbottite; molybdate (up to .6% Uranium). Wn Wise Flourite Mine. (Keene 1-6-8-15-2). Shaft and three small cuts, reopened 1954. NE flank Bald Hill, reached by trail from Leonard Farm or Corner schoolhouse. -fluorite (pale blue); and white mica. Outcrop east on edge, quartz; rutile; rutile.
Whitefield, Coos Co. - Whitefield Quad.
General - molybdenite.
Wilmot, Merrimack Co. - Mt. Kearsarge and Cardigan Quads.
/Davenport Garnet Mine. - almandite./
/Quarry. 3 mi NE; garnet; mica./
/Wilmot Ctr. (1840) - beryl (gem, nearby and 2 mi E)./
Powell Mine (Mica Queen). (Mt. Kearsarge 1-5-1-2-7). Feldspar and mica, 2 cuts. RT 4A west, 2 mi, mine rd L (W), 0.5 mi, R fork (N), 0.5 mi; apatite; garnet; quartz (rose); tourmaline (black).
Wasau Ablatives Mine. (Cardigan 7-8-8-2-7). Garnet, RT 4 at at South Danbury, Rd W (cross RR), 0.45 mi, R, 2.7 mi, North Wilmint School (now residence), mine Rd goes S, 50' E of school, 100' to old plant, at 5 end of boiler foundations, pick up trail and follow old cables up hill to mine - almandite; chrysobalay (transparent plates); garnets (abundant, very poor).
Weston Camp Prospect. (Mt. Kearsarge 1-6-3-9-9). Pegmatite.
Mica Queen Mine. (See Powell Mine).
Winchester, Cheshire Co. - Keene and Warwick Quads.
/Quarry. (Keene 5-9 to 8-3). See also Swanzey. N side of Franklin Mt. /
/Stony Mt. (not same as present Stony Mt). Near top 2 mi SE of village - pisololane; rhodochrosite; rhodinite./
Galena Outcrop. (Keene 8-1-4-3-7). Both sides of road.
Granite Quarry. (Keene 8-3-1-2-2).
Iron Ore Hill. (Warwick 2-1-2-5-6, 2-1-2-6-6). Op. 1795. 1.1 mi SSW of village, old iron mine near summit, 2nd opening 500 ft E (up hill) - arsenopyrite; garnet; galena; magnetite; pyrite.
Old Silver Mine. (Warwick 1-3-7-6-3). Shaft - galena (scarce).
Windham, Rockingham Co. - Manchester and Hampstead Quads.
/Railroad cut - almandite xtal./

Woodstock, Grafton Co. - Plymouth, Rumney, Mooselake and Franconia Quads.
North Woodstock Silver Mine. (Plymouth 1-3-1-9-8). Old smelter, tunnel. Rt 3, cemetery N of Woodstock village, Rt 3 N, 0.5 mi, trail to N. SSW of village, old iron mine near summit, 2nd opening 500 ft E - arsenopyrite; garnet; galena; magnetite; pyrite.

Acmite - Moultomboro.
Actinolite - Franconia, Lisbon, /Pelham/, Unity, /Wentworth/, var. asbestos - /Jaffrey/, Lebanon.
Alaskite - Grafton.
Albite - Canaan, Enfield, Grafton, Groton, Hooksett, Springfield.
Allanite - Alexia, Conway, Madison, /Manchester/, Milford, /Hanover/, /Hanover/.
Almandite - Acworth (?), Alstead, Andover, Dalton, Danbury, Dorchester, Franconia, Groton, /Hanover/, Lisbon, Newington, /Northwood/, /Northwood/, /Hanover/, /Windsor/, /Hanover/.
Alum - Bath, Bedford, Waipole.
Ammonite - see microcline.
Amblygonite - Alstead, Groton, Newport, Strafford, Waipole.
Amesite (?) - Plainfield.
Amethyst - see quartz.
Amphibole var. asbestos - /Sargent's Purchase/.
Analcite - /Campton/.
Anatase - see octahedrite.
Andalusite - Andover, Charlestown, /Farmington/, /Franklin/, /Hanover/.
Anatase - see octahedrite.
Andalusite - Andover, Charlestown, /Farmington/, /Franklin/, /Hanover/.
Andradite - Alstead, Franconia.
Ankerite - Lisbon, Littleton, Lyman, Oford, Westmoreland.
Anorthosite - Gilford, /Hanover/.
Anthophyllite - Richmond.
Antimonial Silver - /Carnish/.
Arfvedsonite - Gimbel, /Wells/.
Argentine - Cornish, Shelburne.
Arsenic - Haverhill, Jackson.
Arsenopyrite - Alexandria, Alton, Conway, Enfield, /Hanover/, /Hanover/, /Hanover/, /Hanover/, /Hanover/, /Hanover/, /Hanover/.
Goffstown, Groton, /Hanover/, /Hanover/, Jackson, landaff, Lisbon, Lyman, Littleton, Newport, Raymond, Springfield, Strafford, Wakefield, Weare, Winchesto.
Asbestos - see actinolite, serpentine var. chrysotile, tremolite.
Astrophyllite - Conway, Stark.
Augelite - Grafton, Newport.
Augite - Gilford, Ossipee, Waipole, Aurora.
Augite - /Ossipee/, /Stark/.
Aurinite - Groton.
Aurinite - /Bath/, Franconia, Littleton, Lyman, Monroe, Surry.
Batite - Chesterfield, Pemont, Westmoreland.
Bassanite - see quartz.
Benitoite - /Glocester/, /Hermanite/.
Bermanite - Groton.
Binaralite - Acworth, Grafton.
Beryl - Acworth, Albury, Alsted, Charlestown, Cornis, Croyden, Langdon, Lisbon, Rochester, Rye, /Sargent's Purchase/.
Andesine - /Dixville Notch/, /Dorchester/.
Andradite - Alstead, Franconia.
Ankerite - Lisbon, Littleton, Lyman, Oford, Westmoreland.
Anorthosite - Gilford, /Hanover/.
Anthophyllite - Richmond.
Antimonial Silver - /Carnish/.
Arfvedsonite - Gimbel, /Wells/.
Argentine - Cornish, Shelburne.
Arsenic - Haverhill, Jackson.
Arsenopyrite - Alexandria, Alton, Conway, Enfield, /Hanover/, /Hanover/, /Hanover/, /Hanover/, /Hanover/, /Hanover/.
Goffstown, Groton, /Hanover/, /Hanover/, Jackson, landaff, Lisbon, Lyman, Littleton, Newport, Raymond, Springfield, Strafford, Wakefield, Weare, Winchesto.
Brazillanite - Groton, Newpport.
Brookite - Conway.
Byssolite - Conway.
Bytownite - Dorchester.
Cacoxenite - Deerng, Groton.
Calaminite - Eaton.
Calcite - Benton, Convorth, Convorth, Con-
way, Fronciana, Gorham, 
Hanover, Haverhill, Jackson, Lib-
bury, Liberty, Meredith, 
Newcastle, Orford, /Portsmouth/, 
Richmond, Rye, Surry, /Third 
Conn. Lake/, Wakefield, Warren, 
Weralonund, Westmoreland.
Carbo-papatite - Groton.
Cassiterite - Chatham, Clarem-
ont, /Jackson (?)/, Strafford.
Chalcedony - see quartz.
Chalcolite - Milford, Orford.
Chalcopyrite - Chatham.
Chalcopyrite - Alexandria, Alsat-
eth, Bath, Bedford, Belmior, Cle-
field, /Cornish/, Croydon, Dal-
ton, /Eaton, /Fronciana, Gor-
ham, Groton, Haverhill/, 
Jackson, Landaff, Lebanon, 
Lisbon, Littleton, Lyman, Lyme, 
Madison, Milan, Monroe, New-
port, Orange, /Orford/, Pitts-
bury, Plaisance, Raymond, Sheli-
bourne, Springfield, Surry, Unity, 
Wakefield, Warren, Westmoreland.
Chalcotite - see andalusite (= var. 
chastilite). 
Chalnoite - see eosphorite-chaldrite.
Chlorite - Alsateth, Clarem-
ont, Concord, Convorth, Groton, 
Hanover, Lebanon, Lyme, Milan, 
see also = prehnite & chloro-
chlorite.
Chloropapatite - Conway.
Chlorophylite - Richmond, Unity.
Chrysoberyll - Grafton, Orange, Wake-
field, Warren.
Chrysolite - Waterville.
Chrosite - see eperpine.
Clareite - Grafton, Raymond.
Clinozoisite - Conway, Gilford.
Coccolite - Walpole.
Cordierite - See Surry, Wakefield, West-
moreland.
Copper (native) - /Orford/.
Cordierite - Berlin, Croyden, Franklin, 
Richmond, Stoddard, /Unity/.
Corundum - Gilford, /Northwood (?)/. 
Cordierite - Jerbai.
Covellite - Groton.
Crandallite - Alexandria, Groton, New-
port.
Crocidolite - Conway.
Cummingtonite - Walpole.
Cuprite - South, Strafford.
Cytotile - Grafton, Groton.
Danaitc - Fronciana, Liebon.
Danaitc ? - Jackson.
Delaitc - Groton.
Diadodite - Alsateth, Farmington, Gro-
ton, Hamvorth, Wakefield, Wood-
stock, Garnet - Alexandria, Alsateth, 
Belmior, Campbom, Canaan, Clare-
mont, Concord, Danbury, Deering, 
Frammien, Gilaum, Grafton, 
Groton, Haverhill, /Henniker/, 
Hooksett, /Jaffrey/, Lancaster, 
Lisbon, Marlboro, Marlow, /New 
Hampton/, Richmond, Rochestcr, 
Runney, Springfield, Sunapee, 
Wakefield, Walpole, Warren, Web-
ster, Wentworth, Wilmot, Wincher-
ter see also = amandite; andradite; 
essonite; grossularite; pyrope; 
æsinite.
Goethite - Alsateth, Croydon, Groton, 
Nottingham, Roinay, Surry.
Gold - /Bath/, /Canaan, Chatham, 
Chichester, Dalton, Dover, Dublin, 
Enfield, Fronciana, /Hanover/, 
/Hooksett/, /Hopkinton/, Lincoln, 
Lisbon, Lyman, Pitseburg, Plain-
field, Runney, Sandwich, Warren.
Grayaitc - Groton.
Graftonite - Alexandria, Claremont, 
Grafton, Groton, Newport, Orange, 
Runnemfield, Strafford, Straph.
Graphite - /Andover, /Antrim, 
Barrington, Bedford, /Bristol/, 
Chatham, Chester, Cornash, Deer-
ing, /Goshen/, /Hancock/, /Harris-
ville/, Hillsborough, Jaffrey, Keene, 
Lyman, Lyman /Nelson/, Orford, 
Rochester, Salisbury, /Surry/, Stew-
r, /Swanzey/, /Troy/, /Walesfield, 
Walpole/, /Washington/, Wentworth, 
Wilmot.
Grossularite - Amherst, Warren.
Gummite - Acworth, Alexandria, Al-
sateth, Grafton, Groton, Orange, 
Peachem.
Hastingsite - Gilford, Moultonboro, 
Stark.
Hedeenbergite - /Carroll/, Chatham, 
Wakefield, Fronciana, Stark.
Hematite - Conway, Fronciana, Hilla-
boro, Jackson, Jaffrey, /Kingston/, 
Lefbon, Lisbon, Londonderry, 
Mason, New Boston, /Orford/, 
Pembroke, Piermont, Ringde, 
Salisbury, /Springfield/, Surry.
Hedendeite - Alexandria, Alsateth, 
Oroto, Strafford.
Hornblende - /Carroll/, /Chatham, Con-
yway, Dixville, /Eaton/, /Exeter, 
Hanover, Jaffrey, Lisbon, Little-
ton, Lyman, Moultonboro, 
Springfield, /Portsmouth/, Rich-
mond, /Sandwich/, /Stark/, /Wakefield/, 
Warren.
Hureaitc - Groton, Strafford.
Hurbiltbte - Newport.
Hyalite - see opal.
Hydrosiitcite (?) /Madison, 
Hypersthene - Waterville.
Ilenite - Alexandria, Alsateth, 
Amherst, Bertllet, Berlin, 
Claremont, Gilford, Jackson, 
Keene, /Lempier, /Ringde, 
Unity, Waterville.
Indicolite - see tourmaline (colored). 
Ilolite - see cordierite.
Iron (native) = /Harts Location/.
Jasper - see quartz.
Kaolin - Alsateth, Batb, Chesterfield, 
Conway, /Farmington/, /Fron-
ciana, Gilaum, New Ipswich, 
Walpole, Westmoreland.
Kasolite - Grafton.
Kneate - /Kneate./
Kyanite - /Acworth, /Andover, 
Bertllet, New Ipswich, 
Charlestown, Chesterfield, 
Eaton, Jaffrey, Keene, /Lempier, 
Lyme, Orford, 
Plainfield, Sargents Purchase, 
Walpole, Warren, Westmore-
land.
Labradorite - /Star/. 
Landseite - Groton.
Lauetite - Alsateth, Alsateth, 
Groton, Newport, Strafford.
Lavellite - Alexandria, Groton, New-
port, Stoddard.
Lepidolite - Alsateth, Grafton, Hebron, 
Raymond, Walpole.
Lepidomelant - Grafton, Walpole, 
Leucophosphate - Groton.
Leucophryrite - Groton.
Limonite - /Acworth, Scarcum, 
Barrington, Bath, 
Laconia, /Lempier, /Maiden, 
/Nottingham/, /Ossipee, Pelham, 
Lithiophylite - Alexandria, Groton, 
Gransellite - Grafton, Groton, 
Springfield, Strafford.
Ludlamite - Groton.
Magnetoite - Alsateth, Amherst, 
Auburn, Benton, Berlin, Campbom, 
Canaan, Canaan, Deerfield, 
Derryfield, Easton, Fronciana, 
Gilford, Jackson, Lebanon, 
Lisbon, Manchester, /Maiden, 
/Orford, /Pembroke, Piermont, 
/Ringde, /Surry, /Walesfield, 
Malachite - Bath, Chesterfield, Da-
lon, Gorham, Groton, Hanover, 
Littleton, Monroe, /Orford/, 
Surry, Wakefield, Westmoreland.
Manganapatite - Alsateth, Danbury, 
Grafton, Groton, Raymond, Stra-
fford. 
Sward, /Eaton/, /Exeter, 
Haverhill, /Hooksett/, /Jaffrey/, 
Keene, LenaDon, /Manchester/, 
New Hampshire, /Portsmouth/, /Rich-
mond, /Sandwich/, /Stark/, /Wakefield/, 
Warren.
Titanite - Conway, /Strafford/.
Tourmaline - Alstead, Grafton, Groton.
Zoisite - Franconia, Lisbon, Warren, Westmoreland.

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var. colored - Groton, Hebron, /Hinsdale/, Marlow, Orford, Raymond, Walpole.

Tremolite - Auburn, Chatham, Gilman, Lebanon, Orford, Walpole, Warren.

var. Mt. Leather and Mt. Cork - Franconia, Jaffrey, Lebanon.


Tripelite - Groton.

Tripoidite - Groton.

Tripolite - see opal.

Turgite - Surry.

Uraninite - Acworth, Alexandria, Alstead, Grafton, Groton, Raymond, Strafford, Swaney.

Uranophane - Acworth, Alexandria, Alstead, Grafton, Groton, Orange, Raymond.

Uranospinite - Grafton.

Vanderberghite - Grafton, Groton.

Vesuvianite - Amherst, Benton, Grafton, /Manchester/, /Strafford/, Wakefield, Warren.

Vivianite - Alexandria, Alstead, Claremont, Grafton, Groton, Jackson, Newport, Orange, Runney, Strafford.

Voelckerite - see apatite.

Wardite - Acworth, Alexandria, Groton, Newport.

Waterlite - Jackson.

Whitekite - Groton.

Wohlerite? - Moultonboro.

Wolfbite - Groton.

Wolframite - Jackson.

Xanthoxenite - Alstead, Groton.

Xenotime - Groton.

Zinnwaldite - Groton.

Zircon - Alexandria, Alstead, Auburn, Canaan, Conway, Flatsville, Gilsum, Grafton, Groton, Lyman, Milford, /Moultonboro/, Newport.