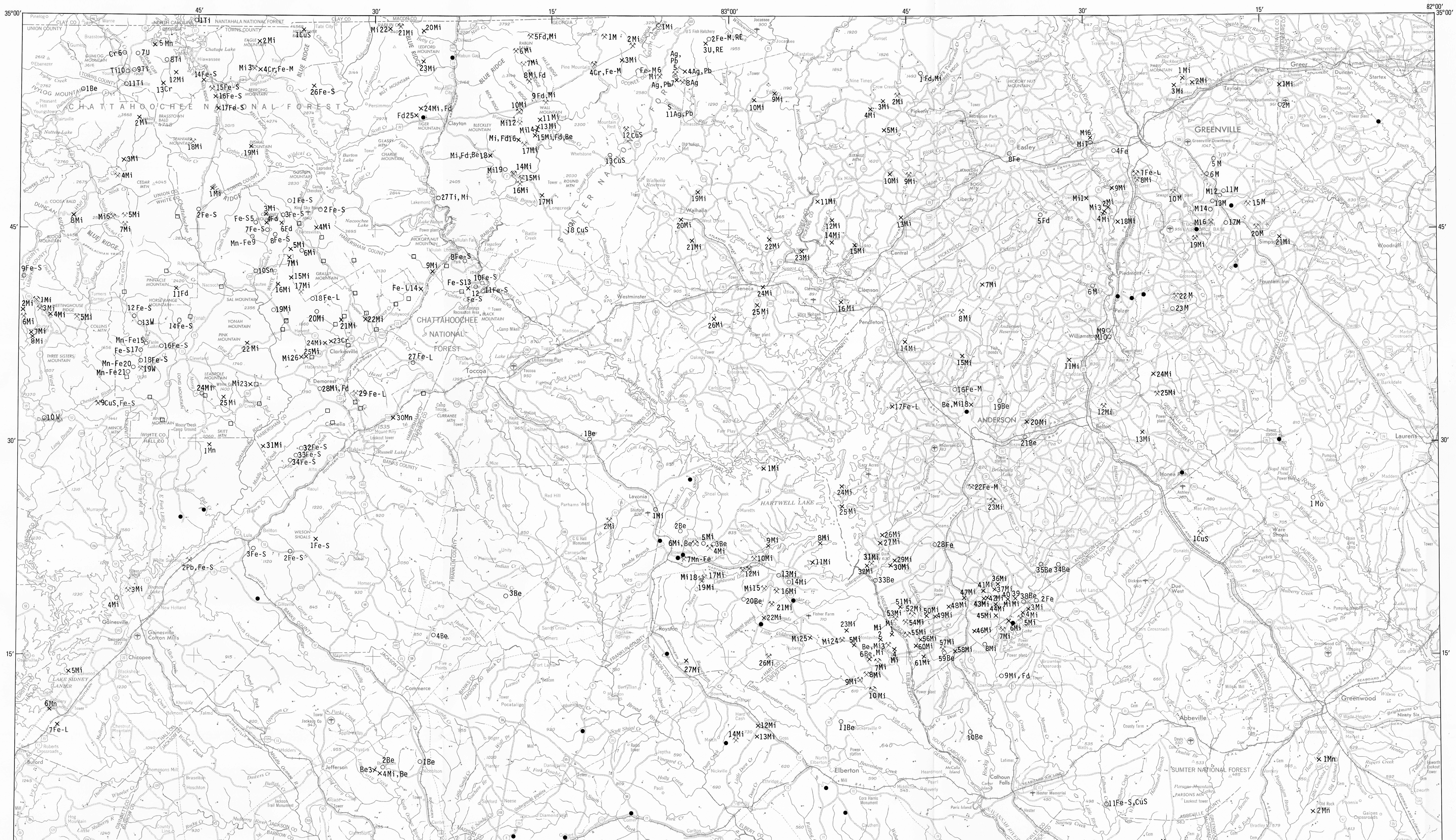
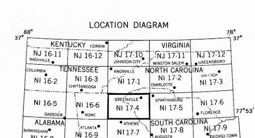


Base from U.S. Geological Survey, 1954 (limited revision, 1964)
Transverse Mercator projection

SCALE 1:250 000
5 0 5 10 15 20 25 MILES
5 0 5 10 15 20 25 30 35 KILOMETERS
DATUM IS MEAN SEA LEVEL



LOCATION DIAGRAM

Data compiled in 1980–94
Manuscript approved for publication February 1, 1994

EXPLANATION

DEPOSIT

(Numbers refer to Map No. in table, listed by county; letters refer to commodity or other, listed below)

- 2CuS ⚒ Mine
- 6Fe-L × Prospect
- 7Be ○ Occurrence
- □ Scheelite occurrence*
- ● Monazite occurrence**

COMMODITY

(Numbers in parentheses are number of deposits or occurrences: Georgia; South Carolina)

- Ag Silver (1; 4)
- Be Beryl (24; 10)
- Cr Chromium (chromite) (5; 0)
- CuS Copper-sulfide (2; 4)
- Fd Feldspar (12; 3)
- Fe Iron (0; 4)
- Fe-L Iron-limonite (6; 2)
- Fe-M Iron-magnetite (2; 4)
- Fe-S Iron-sulfide (30; 1)
- M Monazite (1; 17)
- Mi Mica (119; 109)
- Mn Manganese (4; 3)
- Mn-Fe Manganese-iron (nodules) (5; 0)
- Mo Molybdenum (molybdenite) (0; 1)
- Pb Lead (1; 3)
- RE Rare earths (0; 2)
- Sn Tin (cassiterite) (1; 0)
- Ti Rutile (5; 1; 1⁺)
- U Uranium (1; 1)
- W Tungsten (scheelite) (3; 0)

OTHER

- S Smelter

* Fluorescent mineral scheelite in stream alluvium reported by Hurst and Crawford in Habersham County (ref. 22) and by Hurst and Otwell in White County (ref. 23).
** Rare-earth mineral monazite found mostly in stream alluvium and occasionally in bedrock; reported by John B. Mertie, Jr. (refs. 30 and 31).
⁺ Clay County, N.C.

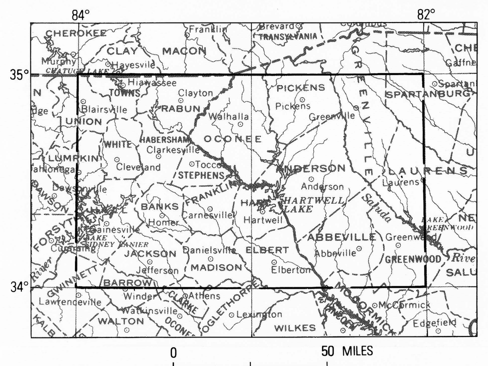
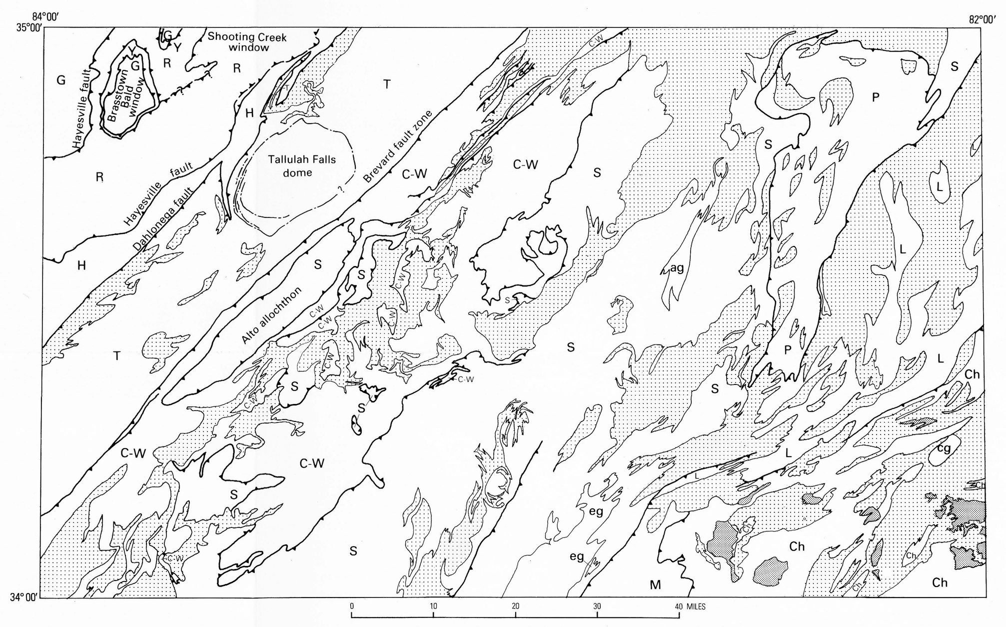


Figure 1.—Counties in the Greenville 1° × 2° quadrangle.



EXPLANATION
(Stacking order of thrust sheets)

Blue Ridge thrust stack
- T Tallulah Falls thrust sheet
- R Richard Russell thrust sheet
- Y Young Harris thrust sheet
- H Helen thrust sheet
- G Great Smoky thrust sheet

Inner Piedmont thrust stack
- L Laurens thrust sheet
- P Paris Mountain thrust sheet
- S Six mile thrust sheet—Includes metagabbro at Anderson (ag) and Elberton Granite (eg)
- C-W Chauga–Walhalla thrust complex

Southeast of Lowndesville shear zone
- Ch Charlotte thrust sheet—Includes granite at Coronaca (cg)
- M Mafic–ultramafic thrust sheet

- Granitic rocks—Shown where they obscure faults or where extensive
- Gabbro and related rocks
- Contact
- Thrust fault—Dashed where inferred; queried where uncertain. Sawteeth on upper plate
- Kyanite schist—Queried where uncertain. Shown around Tallulah Falls dome

Figure 2.—Generalized tectonic map of the Greenville 1° × 2° quadrangle (modified from Nelson and others, 1989, 1990).

MINES, PROSPECTS, AND OCCURRENCES OF METALLIC (EXCLUDING GOLD), PEGMATITE, AND RARE-EARTH MINERAL COMMODITIES IN THE GREENVILLE 1° × 2° QUADRANGLE, SOUTH CAROLINA, GEORGIA, AND NORTH CAROLINA

By

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DISCUSSION

All of the known mines, prospects, and occurrences of metallic (excluding gold), pegmatite, and rare-earth mineral commodities for the Greenville 1° × 2° quadrangle are tabulated in this report. The table lists, in consecutive order for each county (fig. 1), the map number of each item, which correlates and locates the item on the accompanying Greenville 1° × 2° quadrangle map. The known name of the feature; the 7.5′ topographic map on which the commodity site is located; the Universal Transverse Mercator (UTM) northing and easting grid coordinates from the appropriate 7.5′ topographic map; the commodity; remarks; and references are also listed. Some locations are known, but many sites are not verified and their locations are only approximate. References are listed in References Cited and referred to by number to save space.

All of the features listed in the table are shown on the map. In addition, occurrences of the uncommon fluorescent mineral scheelite in stream alluvium, as reported by Hurst and Crawford (ref. 22, p. 15) for Habersham County, Ga., and by Hurst and Otwell (ref. 23, p. 13) for White County, Ga., are shown on the map by an open square (□). Occurrences of the rare-earth monazite, found mostly in stream alluvium and occasionally in bedrock, as reported by Mertie (refs. 30 and 31), are shown by a solid dot (●). The generalized tectonic framework for the quadrangle is shown in figure 2.

There are no major mines or mineral-producing areas in the Greenville 1° × 2° quadrangle. During the 1700's and 1800's, farmers hand-collected surface accumulations of cobbles of iron and manganiferous-iron gossan, which formed from the weathering of low-grade iron and manganiferous iron-bearing bedrock (Haseltine, ref. 18, p. 133). These small amounts of ore were used by charcoal furnaces to supply crude iron products to the local populace. No major iron ore or manganese ore deposits have been found in the quadrangle. Iron minerals of several varieties have been cited for 49 locations in this report—38 in Georgia and 11 in South Carolina. In this study, iron gossan of unknown origin is referred to as Fe, limonite as Fe-L, magnetite as Fe-M, and pyrite as Fe-S. An additional five sites for manganiferous iron nodules (Mn-Fe) are reported for Georgia. Small amounts of gossan manganese ore (Mn) are reported in seven places, four in Georgia and three in South Carolina, though traces of residual manganese stain and film are quite common on the bedrock of the area.

Copper sulfides have been found in bedrock at six locations in the quadrangle—two locations in Georgia and four in South Carolina. At one site, the Chestatee pyrite mine, Lumpkin County, Ga., prospecting for copper was unsuccessful because the copper-sulfide mineral, chalcopyrite, was present in too small amount (Shearer and Hull, ref. 36, p. 182). The pyrite was mined from 1918 to 1919 for its sulfur content to make sulfuric acid (Kline and Beck, ref. 25, p. 1 and 3).

Silver-bearing galena has either been prospected or mined at four locations in a small district in Oconee County, S.C. A smelter was built in the area of the mines, but no production is recorded (Gazdik, ref. 12). A silver sulfide was prospected with no known results on the Sephenson vein at The Glades in Hall County, Ga. (Jones, ref. 24, p. 133). One report of lead is from a gold-bearing quartz vein at the Currahee mine, Hall County, Ga. (Jones, ref. 24, p. 141).

For this report, pegmatite commodities consist of mica, feldspar, and beryl. Presently, only small amounts of scrap mica are obtained from several mica mines in Georgia and South Carolina that are in operation within the quadrangle. During World War II, sheet-mica production from numerous small mines annually totaled several thousand pounds, with most mining activity centered in Hart and Elbert Counties, Ga., and Anderson and Pickens Counties, S.C. Since then, the number of active mines and production have steadily declined. This report lists a total of 228 mines, prospects, and occurrences of mica in the Greenville 1° × 2° quadrangle—119 locations in Georgia and 109 locations in South Carolina.

In the Greenville quadrangle, feldspar has been noted at 12 pegmatite locations in Georgia and at 3 locations in South Carolina; beryl has been noted in 34 pegmatite locations—24 in Georgia and 10 in South Carolina.

Monazite, a source of thorium and several other rare-earth elements, was mined from stream placers in the late 1800's and early 1900's. In this report 20 occurrences of rare-earth minerals (mostly monazite) are given in the table—1 in Georgia and 19 in South Carolina. Thirty additional monazite sites are shown on the map.

According to Van Horn (ref . 43, p. 11), there is a possibility that placer occurrences of rutile, an ore of titanium, may be of economic importance at four locations in Towns County, Ga., and at one location in Clay County, N.C. A bedrock occurrence of rutile is reported in Rabun County, Ga. The uncommon mineral chromite, the ore of chromium, has been identified at five locations in Georgia but in amounts too small to be minable. Grains of scheelite, an ore of tungsten, have been identified in stream alluvium at 24 sites and in one outcrop in Habersham County, Ga., by Hurst and Crawford (ref. 22, p. 15) and at 11 sites in White County, Ga., by Hurst and Otwell (ref. 23, p. 13) during a special research program. Blake (ref. 2) reported that a grain of wood tin or cassiterite, an ore of tin, was identified with native gold in the alluvium of the Nacoochee River, White County, Ga.

The only molybdenum occurrence in the Greenville quadrangle is at Masters Kiln, Laurens County, S.C., where Clarke (ref. 5) noted molybdenite in a contact between marble and quartz monzonite. Prospecting for uranium deposits prior to 1980 was not successful in the Greenville quadrangle (Ferguson and others, ref. 8).

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Table—Metallic (excluding gold), pegmatite, and rare-earth mineral commodities in the Greenville 1° × 2° quadrangle

Map No.	Feature name	7.5′ quadrangle	UTM coordinates Northing	UTM coordinates Easting	Commodity	Remarks	References
	Banks County, Ga.						
1	Roberts prospect	Baldwin	3807900	263120	Iron-sulfide	Prite in mafic rocks. Several prospect pits	36
2	Unnamed occurrence	Maysville	3806260	259440	do.	Pyrite. Location approximate; no data	19
3	do.	Gillsville	3804460	254160	do.	do.	Do.
4	Mrs. J.T. Cheatham occurrence.	Homer	3794860	277050	Beryl	Location approximate; about 0.2 mi (0.3 km) north of Beaverdam Church.	9
	Barrow County, Ga.						
1	Unnamed occurrence	Winder North	3768450	253800	do.	Pegmatite 2 ft (0.6 m) thick contains a few crystals of beryl. Found by H.E. Legrand. Location approximate.	Do.
	Elbert County, Ga.						
1	J.H. Craft prospect	Hartwell Dam	3793780	337100	Sheet mica	Minor prospecting on two or more zoned pegmatite bodies.	10, 17
2	Turner prospect	do.	3793080	335920	do.	Zoned pegmatite, stained mica. Mostly scrap.	17
3	Cooley mine	do.	3791960	337080	Sheet mica and beryl	Poor-quality sheet mica, minor beryl. Worked in World War II.	9, 10, 17
4	J.M. Skelton prospect	do.	3791350	337880	Sheet mica	Zoned pegmatite. Poor-quality sheet mica	17
5	C.U. Gaines prospect	do.	3792830	332030	do.	Poor-quality mica	10, 17
6	Rock Branch Church prospect.	do.	3790620	333960	Beryl and mica	7-lb- (3.2-kg-) beryl crystal found; mica also found.	9, 10, 17
Do.	M.L. Gaines mine	do.	3790060	333940	Sheet mica	Zoned pegmatite, small books, fair quality; minor beryl.	17, 26
7	Crawford and Daniel mines.	do.	3790030	335540	do.	Zoned pegmatite. Crawford workings north of road. Daniel workings south of road. Poor-quality and small-size sheet mica.	Do.
8	Alexander mine	do.	3788910	333590	Sheet mica and beryl.	Zoned pegmatite, poor-quality mica, minor beryl.	9, 10, 17
Do.	Ward prospect	do.	3788710	334240	do.	Location approximate	10, 17
9	Chapman mine	do.	3788400	332560	do.	Extensive workings. Zoned pegmatite, poor-quality mica, minor beryl.	9, 10, 17
Do.	Anderson mine	do.	3787840	332240	Sheet mica	Zoned pegmatite; stained mica	17
10	Heard mine	do.	3787560	334400	do.	Small sheet mica in poorly zoned pegmatite	do.
11	Harmony Church occurrence.	do.	3783340	329200	Beryl	Minor amounts of beryl reported from several pegmatite bodies near Harmony Church. Location approximate.	9
12	Dewy Rose prospect	Dewy Rose	3782560	319760	Sheet mica	Mica ruled	10, 17
13	Frank Mewburn prospect	do.	3781030	319540	do.	Mica stained; some good quality	17
14	Adams mine	do.	3780790	316620	do.	Only minor amounts of mica	Do.
	Franklin County, Ga.						
1	Occurrences along Georgia Highway 17.	Lavonia	3809300	306950	do.	Several pegmatite bodies. Poor-quality mica.	10, 20
2	Weldon mine	Martin	3809600	300700	do.	Two zoned pegmatites prospected	Do.
3	MacCannon property	Ashland	3799800	287100	Beryl	Location uncertain	9
	Habersham County, Ga.						
1	Unnamed occurrence	Lake Burton	3851000	261500	Iron-sulfide	Pyrite. Location approximate; no data	19
2	do.	do.	3850540	265000	do.	do.	Do.
3	do.	do.	3851100	260940	Iron-limonite	Fist-size cobbles of gossan with amphibolite	22
4	W.L. Morrison prospect	do.	3848210	263760	Sheet mica	Adit 40 ft (12.2 m) on pegmatite	Do.
5	Felton Shook prospect	Clarkesville NE.	3847570	260180	do.	Small pit 20 ft (6.1 m) long, 15 ft (4.6 m) wide, and 8 ft (2.4 m) deep.	Do.
6	Terrell Barron occurrence.	do.	3845720	261680	do.	Small pegmatite with some mica-rich pods with 3-in. (7.6-cm) books.	Do.
7	Newton Holcomb prospect.	do.	3844620	260040	do.	Located in Chatahoochee National Forest. Small prospect pit 8 ft (2.4 m) in diameter, 4 ft (1.2 m) deep.	Do.
8	Unnamed occurrence	Tugaloo Lake	3843560	283400	Iron-sulfide	Pyrite. Location approximate; no data	19
9	John Cross prospect	Tallulah Falls	3842730	278880	Sheet mica	Small amount recovered	22, 26
10	Unnamed occurrence	Tugaloo Lake	3841160	284660	Iron-sulfide	Pyrite. Location approximate; no data	19
11	do.	do.	3840140	284550	do.	do.	Do.
12	do.	do.	3840190	284020	do.	Pyrite. Location approximate; no data	Do.
13	Panther Creek prospect	do.	3839880	282450	do.	Pyrrhotite vein 1 to 3 ft (0.3 to 0.9 cm) thick and 75 ft (22.9 m) long.	22, 36
14	W.C. Moore prospect	Tallulah Falls	3840340	276880	Iron-limonite	Siliceous and micaceous limonite. May be gossan from sulfides(?).	22
15	Clifford Lyon prospect	Clarkesville NE.	3841820	260100	Sheet mica	Pegmatite; sheet mica of poor quality	Do.
16	Jim Carter prospect	Helen	3841400	258240	do.	Pegmatite at fork of small branch. Also present in stream 100 ft (30 m) to south and on small hill 500 ft (152 m) to north.	Do.
17	C.P. Wilbanks mine	Clarkesville NE.	3840570	260990	do.	Mined about 1925 for sheet mica. Pit 20 ft (6.1 m) in diameter, 12 ft (3.6 m) deep. Was Will Trotter mine.	Do.
18	Unnamed occurrence	do.	3838560	263040	Iron-limonite	Fist-size cobbles of gossan with kyanite mica schist.	Do.
19	C.W. Lindsey occurrence	Helen	3838200	257680	Sheet mica	Pegmatite trends N. 60° E. Scrap mica abundant; sheet mica present as much as 10 in. (25.4 cm) in diameter.	Do.
20	Roy Stephens occurrence.	Clarkesville NE.	3838700	263120	do.	Pegmatite boulders in road cut	Do.
21	Arrendale Feed Co. prospect.	do.	3837300	265480	do.	Three small prospect pits; also scrap mica. Was Alec Addison prospect.	Do.
22	Kolloch prospect	Tallulah Falls	3836440	271120	do.	In one of old kyanite pits; small books of sheet mica from a shaft 10 ft (3 m) deep on pegmatite.	Do.
23	Beaverdam Creek prospect.	Clarkesville	3833670	265660	Chromium	Small pods of chromite in schist with chrome mica (fuchsite).	Do.
24	Mrs. C.H. Black prospect	do.	3843440	264430	Sheet mica	Trench 25 ft (7.6 m) long and 6 ft (1.8 m) wide and deep. Pegmatite with 4- by 5-in. (10.2- by 12.7-cm) books.	Do.
25	Vaughn Carson prospect	do.	3831680	261760	do.	Several pits 12 to 20 ft (3.6 to 6.1 m) in diameter, 6 to 8 ft (1.8 to 2.4 m) deep, aligned N. 40° E. Pegmatite with 3-in. (7.6-cm) books.	Do.
26	Monroe Colson prospect	do.	3831660	261360	do.	Trenches and pits for about 150 ft (46 m) in N. 75° E. direction; depth 4 to 6 ft (1.2 to 1.8 m) deep. Pegmatite with 3- to 6-in. (7.6- to 15.2-cm) diameter.	Do.
27	Thomas Owenby occurrence.	Ayersville	3830600	275660	Iron-limonite	Small area with gossan cobbles	Do.
28	Unnamed occurrence	Clarkesville	3828000	262680	Mica and feldspar	Pegmatite in roadcut	Do.
29	Piedmont College Farm mine.	do.	3826720	268560	Iron-limonite	Surface gossan collected and smelted	Do.
30	Judge Pitts prospect	Ayersville	3823760	273300	Manganese	Less than one carload; low-grade, residual ore shipped for tests in 1899. Was John P. Fort property.	21, 22
31	Unnamed prospect	Lula	3820270	256230	Sheet mica		
26							
32	Unnamed occurrence	Baldwin	3819560	260900	Iron-sulfide	Pyrite. Location approximate; no data	19
33	do.	do.	3818800	260020	do.	do.	Do.
34	do.	do.	3818200	259330	do.	do.	Do.
	Hall County, Ga.						
1	Armour prospect	Lula	3820680	249420	Manganese	Location approximate; no data	26
Do.	Unnamed prospect	do.	3811660	248200	Silver	Several long tunnels on quartz veins	24
2	Currahee mine	Gainesville	3805520	246400	Lead and iron-sulfide.	Pyrite and galena, assay $0.40 per ton; Au at $20.00 per troy oz.	Do.
3	Merck mine	do.	3801600	238300	Sheet mica	Extensive workings on a series of concordant pegmatite lenses; larger ones are zoned.	10
4	Carter occurrence	do.	3800380	236850	do.		29
5	L.T. Westbrook prospect	Flowery Branch.	3791020	230640	Mica	Also graphite; from pegmatite	Do.
6	Chester Lynn prospect	do.	3786180	228320	Manganese	No data	29, 38
7	A.M. Williams prospect	do.	3784620	228730	Iron-limonite	From sulfides	29

Table—Metallic (excluding gold), pegmatite, and rare-earth mineral commodities in the Greenville 1° × 2° quadrangle—Continued

Map No.	Feature name	7.5′ quadrangle	UTM coordinates Northing	UTM coordinates Easting	Commodity	Remarks	References
	Hart County, Ga.						
1	A.C. Crocker prospect	Reed Creek	3815820	320860	Sheet mica		16
2	Unnamed occurrence	Lavonia	3808100	309700	Beryl	Location approximate; no data	19
3	do.	do.	3806200	313850	do.	do.	Do.
4	Unnamed mine	do.	3806390	313330	Mica		17
Do.	Sam Bailey mine	do.	3805590	313880	do.	Zoned pegmatite. Worked in World War II	10, 17
5	Joe Wood occurrence	do.	3806560	313010	do.	Location approximate	10, 26
6	Taylor mine	do.	3806520	312340	Mica and beryl	Zoned pegmatite. Good-quality sheet mica. Rare beryl. Mined out.	27
Do.	Wood mine	do.	3806320	312590	do.	Extensive workings on two or more pegmatite bodies. Some beryl. Also known as Chapman mine.	17, 26
Do.	Old Water Hole mine	do.	3806220	312380	do.	Good-quality mica. Rare beryl	9, 17, 26
Do.	Taylor No. 2 mine	do.	3806120	312520	do.	Small pegmatite explored in 1958	27
7	J.R. Brown placer	Royston	3804500	310280	Manganese-iron	Used for manganese and iron. Residual bed 3 to 6 ft (0.9 to 1.8 m) thick.	21
8	J.B. Lewis prospect	Hartwell NE	3805800	327830	Sheet mica	Mica pegmatite; prospect pits backfilled	16
9	Pace prospect	Reed Creek	3806280	322050	Mica	Location approximate; no data	17
10	Rowland mine	Hartwell	2803890	319860	do.	Two small feldspathic pegmatite bodies; small amount of mica.	Do.
11	Luther Shiflet prospect	do.	3803600	327060	do.	Cut 225 ft² (21 m²) partly filled; mica pegmatite; probably covered by lake.	15
12	Scott mine (two locations).	do.	3803060 and 3803200	317760 and 318280	do.	Fine-grained pegmatite; small books of mica.	17
13	T.J. Cunningham occurrence.	do.	3801830	322690	do.	Zoned pegmatite	16
14	Burco and R.H. Burns occurrences.	do.	3801090	323540	do.	Location approximate; no data	17
15	Funkhouser mine	do.	3800400	320600	Flake mica	Large pit almost 0.5 mi² (1.3 km²) in granite saprolite.	16
16	Ruth Jones and scrap mines.	do.	3800330 and 3800000	322130 and 322500	Sheet and scrap mica.	Northern unzoned pegmatite prospected for sheet mica. Southern zoned pegmatite worked for scrap mica.	17
17	Howard Banister mine	Royston	3802240	308100	Sheet mica	Poorly zoned pegmatite 2 to 7 ft (0.6 to 2.1 m) thick and 700 ft (213 m) long.	10, 17, 26.
18	Truitt D. Garner mine	do.	3801980	312520	Mica	Zoned pegmatite	Do.
19	Green Rose mine	do.	3801820	312910	do.	Poor-quality mica. Franklin Mineral Rock Products.	17
20	Unnamed occurrence	Hartwell	3798900	317950	Beryl	No data	19
21	H & P and McKinney mines.	do.	3799060	321460	Mica	Several small pegmatite bodies worked for sheet mica.	17
22	T.A. Anderson prospect	do.	3796560	320560	do.	Mica pegmatite containing clear mica	Do.
23	R.L. Shiflet prospect	Hartwell Dam	3794480	331000	do.	Zoned pegmatite; small production	Do.
24	Mack Carter mine	do.	3793480	330360	do.	Several pits in poorly exposed pegmatite	16, 17
25	J.B. Gaines prospect	Hartwell	3794180	326520	do.	Poor-quality mica in zoned pegmatite	16
26	Horsehead mine	Royston	3802400	308480	do.	Much mica on dump. Several zoned pegmatites; one worked for 100 ft (30 m).	10
27	Joe Findley prospect	do.	3791650	310220	do.	Pit backfilled; small, poor-quality mica on dump.	15
	Jackson County, Ga.						
1	L.W. Hoge occurrence	Commerce	3778600	275900	Beryl		9
2	W.R. Potts occurrence	Nicholson	3778520	270600	do.	Green beryl from pegmatite. Location approximate.	Do.
3	Harris School prospect	do.	3778100	270500	do.	Several pegmatites containing beryl in vicinity; poorly exposed; beryl found to southeast and south on road. Location approximate.	Do.
4	M.F. Webb prospect	do.	3778100	270730	Scrap mica and beryl.	Four pits and two cuts in pegmatite; minor beryl; location approximate.	Do.
	Lumpkin County, Ga.						
1	Glasstop mine	Neels Gap	3839410	227400	Sheet mica	Extensive working for several hundred feet. Poor-quality mica.	10
2	Caldwell prospect	do.	3838260	225460	Mica	Location approximate	11
Do.	Shotgun Walker prospect.	do.	3837500	226130	do.	do.	10, 11
3	Wash Walker or Big Mica mine.	do.	3838630	227660	do.	Workings caved; location approximate	Do.
Do.	Wess Walker mine	do.	3838540	228020	do.	Location approximate	11
4	Unnamed prospect	do.	3838040	228200	do.	do.	Do.
Do.	do.	do.	3838000	228260	do.	do.	Do.
5	Captain Walker mine	do.	3837400	232420	do.	Poor-quality mica. Location approximate	10
6	Unnamed mine	do.	3837140	225420	do.	Location approximate	11
Do.	do.	do.	3837140	225970	do.	do.	Do.
7	Unnamed prospect	do.	3835600	226260	do.	do.	Do.
8	do.	Dahlonega	3835150	226400	do.	do.	Do.
9	Chestatee mine	do.	3825960	234900	Copper- and iron-sulfide.	Pyrite and minor chalcopyrite. Two shafts and seven adits for distance of 0.5 mi (0.8 km) to southwest; massive sulfide zone extends additional 5.2 mi (8.4 km) to southwest.	14, 25, 36.
10	Findley occurrence	do.	3824300	227600	Tungsten	Minor amounts of scheelite found in quartz vein in adit of Findley gold mine.	7
	Rabun County, Ga.						
1	Hedden placer mine	Satolah	3872470	301620	Monazite	Placer worked for gold found to contain monazite.	45
2	Hicks mine	do.	3871040	305040	Sheet mica	Caved adit 60 ft (18.3 m), pegmatite 1 to 6 ft (0.3 to 1.8 m) wide; location approximate.	10
3	Bidwell prospect	do.	3869390	303480	do.	Three trenches, one pit	26, 44
4	Laurel Creek mine	do.	3869200	301700	Chromium and iron-magnetite.	Sparse magnetite and chromite in dunite	42
5	Forsythe mine	Rabun Bald	3872680	291760	Feldspar and sheet mica.	One trench, two pits	26, 44
6	Rabun Bald mine	do.	3871640	290060	Sheet mica	Two small open cuts	10, 44
7	Apple Valley mine	do.	3870000	291350	do.	Zoned pegmatite; poor-quality mica	32
8	Kell mine	do.	3866900	291540	Sheet mica and feldspar.	Zoned pegmatite. Location approximate	10, 44
9	Norton mine	do.	3864140	293380	do.	Zoned pegmatite; contains some coarse-grained potash feldspar; stained mica.	10, 44
10	Bleckley mine	do.	3863200	290360	Mica	Small books of mica	10
11	Speed-Arrendale No. 1 prospect.	do.	3871870	292830	Sheet mica	Location approximate; poor-quality mica	10, 44
12	Tunnell mine	do.	3861420	290200	Mica	Location approximate. Extensive workings largely backfilled. Also known as Creighton mine.	10
13	Speed-Arrendale No. 2 prospect.	Rainy Mountain.	3861140	292400	do.	Poor-quality mica	10, 44
14	Unnamed WPA prospect	do.	3860680	292060	do.	do.	Do.
15	Mark Beck prospect	do.	3860140	292060	Sheet mica, feldspar, and beryl.	Fair-quality green mica; moderate amount of coarse-grained feldspar and trace amounts of beryl. Location approximate.	Do.
16	Porter McCraken prospect.	do.	3859100	289700	Mica and feldspar	Poorly exposed; small mica. Pegmatite with abundant feldspar.	Do.
17	Porter McCraken mine	do.	3858660	290420	Mica	Open cut 150 ft (46 m) long. Several nearby pegmatites also prospected.	11
18	Lonnie Smith prospect	do.	3856700	287130	Sheet mica, feldspar, and beryl.	Two trenches	26, 44
19	Mize prospect, Taylor lease.	do.	3855080	288130	Sheet mica	Two trenches; one pit	Do.
20	Hannibal Curtis prospect	Dillard	3873290	277670	do.	Weathered pegmatite vein; two trenches	26, 44
21	Unnamed prospect	do.	3874400	274560	Mica	Location approximate; no data	26
22	Neville Lease prospect	do.	3873900	273360	Sheet mica	Four trenches and two pits	26, 44
23	Bennett prospect	do.	3869660	277790	do.	Small books, poor-quality mica	Do.
24	Allman Little Bald prospect.	do.	3863500	276910	Sheet mica and feldspar.	Three trenches	Do.
25	Lemar Smith prospect	do.	3862180	276590	Feldspar	Two long cuts along road	Do.
26	Tom Coward Gap prospect.	Hightower Bald.	3866660	263600	Iron-sulfide	Small massive sulfide deposit containing pyrite. Drilled by Tennessee Copper Co. Shaft; pits.	35
27	V.A. Wall property	Tiger	3852370	279940	Sheet mica and rutile.	Trench and pit	26, 44
	Stephens County, Ga.						
1	Joe Frank Stowe occurrence.	Avalon	3820200	297880	Beryl	Beryl occurrence found by Bob Daniel in pasture on Stowe Property behind Avalon School.	9
	Towns County, Ga.						
1	Rich Knob prospect	Hightower Bald.	3874560	262470	Copper-sulfide	Copper prospect; location approximate	26, 38
2	Unnamed prospect	Macedonia	3873000	256880	Mica	Location approximate; no data	13
3	W.A. Henson mine	do.	3869300	256260	do.	Small production; sheet and scrap mica; weathered pegmatite.	10, 13
4	Barnett Denton prospect	do.	3869050	256900	Chromium or iron-magnetite(?).	Chromite. Reference 14 shows magnetite prospect in same general area.	4
5	W.H. McConnell Estate prospect.	Hiawassee	3872750	243200	Manganese	Lot 89, 17th district. Small amount of ore shipped.	21
6	Unnamed occurrence	do.	3871400	239010	Chromium	Chromite. Lot 45, 17th district. Location approximate.	6
7	do.	do.	3872020	241300	Uranium	Location approximate; no data	19
8	Unnamed placer deposit	do.	3870570	244730	Rutile	Placer deposit of 8 acres (3.2 hm²)	43
9	do.	do.	3869440	240680	do.	Placer deposit of 75 acres (30.3 hm²)	Do.
10	do.	do.	3868620	239600	do.	Placer deposit of 21 acres (8.5 hm²)	Do.
11	do.	do.	3867640	239300	do.		Do.
12	O.L. Burch prospect	do.	3868820	245880	Mica	Several pits on deeply weathered zoned pegmatite; poor-quality mica.	10
13	Unnamed prospect	do.	3867430	244240	Chromium	Chromite. Lot 125, 17th district. Location approximate.	6
14	Ivey Mountain prospect	Macedonia	3867860	249660	Iron-sulfide	Pyrite. Three shafts	1, 26, 36
15	Berrong mine	do.	3866180	250440	do.	Four shafts. Also known as Johnson Copper mine.	Do.
16	Dyer prospect	do.	3865620	250740	do.	No ore found	1
17	Sparks prospect	do.	3864150	251180	do.	do.	Do.
18	Spanish Mountain mine	Jacks Gap	3857700	248000	Mica	Sheet mica. Two cuts in zoned pegmatite	10
19	Tripp Gap prospect	Tray Mountain.	3858900	255500	do.		4, 13
	Union County, Ga.						
1	Unnamed occurrence	Blairsville	3867640	234000	Beryl	Location approximate; no data	19
2	J.M. Silvey prospect	Hiawassee	3863120	240840	Mica	Zoned pegmatite; location approximate	10
3	Archie Wimpy prospect	Jacks Gap	3857850	238910	do.	Old workings caved and covered	Do.
4	Dyer mine	do.	3855850	238040	do.	Weathered, thin, zoned pegmatite. Extensive old workings largely covered.	Do.
5	T.H. Saxon mine	do.	3850700	238760	do.	Location approximate	10, 13
6	Joe Blue mine	do.	3850420	237630	do.	do.	Do.
Do.	Unnamed prospect	do.	3850220	238200	do.	do.	13
7	B.F. Schuler mine	do.	3849850	238600	do.	do.	10, 13
8	Unnamed prospect	Coosa Bald	3850460	232210	do.	About 1,600 ft (488 m) southwest of Lake Trahyta.	13
9	Unnamed occurrence	Neels Gap	3843200	225840	Iron-sulfide	Pyrite. Location approximate; no data	19
	White County, Ga.						
1	Frank Edwards Rocky Mountain prospect.	Tray Mountain.	3853960	249410	Mica	Location approximate	23
2	Unnamed occurrence	do.	3851220	248500	Iron-sulfide	Pyrite	19
3	Unnamed prospect	do.	3848750	255960	Mica		4, 13, 23
4	do.	do.	3849200	257200	Feldspar	Location approximate	23
5	Unnamed occurrence	do.	3849150	256150	Iron-sulfide	Location approximate; no data	Do.
6	Unnamed prospect	do.	3849950	257550	Feldspar		4, 23
7	Unnamed occurrence	Helen	3848120	257360	Iron-sulfide	do.	23
8	do.	do.	3848250	258600	do.	Pyrite	Do.
9	do.	do.	3847250	255300	Manganese-iron	Location approximate. No data	Do.
10	do.	do.	3840550	253300	Tin	Wood tin (cassiterite) from Nacoochee River gold placers.	2, 3
11	Unnamed prospect	Cowrock	3840570	245250	Feldspar	Location approximate	13, 23
12	Unnamed occurrence	do.	3837300	239900	Iron-sulfide	Pyrite	19
13	do.	do.	3835870	241140	Tungsten	Roadcut in amphibolite; calcite veins, minor scheelite, chalcopyrite, and pyrite.	23
14	do.	do.	3836380	245500	Iron-sulfide	Pyritic schist outcrop 3,000 ft (914 m) long	15
15	do.	Cleveland	3832530	242340	Manganese-iron	Location approximate; no data	23
16	do.	Cowrock	3835500	241140	Iron-sulfide	do.	Do.
17	do.	Cleveland	3832850	240500	do.	Pyrite	19
18	do.	do.	3831300	241200	do.	do.	Do.
19	Loud placer	do.	3830900	240300	Tungsten	Minor amounts of wolframite(?) in placer gravels.	7
20	Unnamed occurrence	do.	3830470	239420	Manganese-iron	Location approximate; no data	23
21	do.	do.	3829820	238780	do.	do.	Do.
22	Stovall prospect	Leaf	3833520	254510	Sheet mica	Incline 8 ft (2.4 m) long. Location approximate.	13, 23
23	Unnamed occurrence	do.	3828040	254600	Mica	Location approximate	Do.
24	Hunt and Atwell occurrence.	do.	3826970	248500	do.	Pegmatite location	Do.
25	Unnamed prospect	do.	3826840	251290		do.	Do.

Table—Metallic (excluding gold), pegmatite, and rare-earth mineral commodities in the Greenville 1° × 2° quadrangle—Continued

Map No.	Feature name	7.5′ quadrangle	UTM coordinates Northing	UTM coordinates Easting	Commodity	Remarks	References
	Abbeville County, S.C.						
1	Saluda mine	Ware Shoals West.	3806610	377200	Copper-sulfide	Small massive sulfide deposit. Some chalcopyrite.	46
2	G.T. Smith occurrence	Antreville	3799050	355800	Iron	Float iron ore; analysis. Location approximate.	37
3	C.H. Purdy prospect	do.	3797210	354570	Mica		40
4	Vickery prospects	do.	3796960	353770	do.		Do.
5	Rocky River mine	do.	3795720	353700	do.		Do.
Do.	Mallie Hall prospect	do.	3796320	353340	do.		Do.
6	F.L. Brown prospects	do.	3894890	351460	do.	Worked by R.A. Gibbs, also by L.L. Heaton; small amount of 1 by 1 in. (2.54 cm) books.	17
Do.	Vandiver and Cooke Scott prospects.	Iva	3794160	350200	do.	89 ft (27.1 m) adit; 1 by 1 in. (2.54 m) books	Do.
7	Vandiver mine	Antreville	3794730	351540	do.		39
8	J.L. Dennis occurrence	Iva	3792500	349030	do.	Do.	
9	Tillman McMahan occurrence.	Latimer	3788240	350740	Feldspar and mica	Pegmatite contains pink feldspar and scattered bunches of mica.	37
10	Unnamed occurrence	Lowndesville	3780440	347100	Beryl	Location approximate	19
11	Norwood Iron and Calhoun Falls Land and Improvement Co. occurrence.	Calhoun Falls	3772200	354000	Iron- and copper-sulfide.	Quartz vein also containing gold-bearing pyrite and chalcopyrite; associated with ultramafic rocks. Analysis given.	37
	Anderson County, S.C.						
1	B.E. Woodson prospect	Greenville	3850420	363640	Mica	Location approximate. Pegmatite several hundred feet long. Small books moderately abundant.	17
2	Will Cleveland prospect	do.	3850400	365050	do.	Location approximate. Small flat books	Do.
3	W.F. Holloway prospect	do.	3850000	364950	do.	Location approximate. Minor amount reddish-brown sheet mica.	Do.
4	J.J. Brown prospect	do.	3849850	364760	do.	do.	Do.
5	J.B. Nally and A. Ellison occurrence.	Easley	3848000	357100	Feldspar	Prospected for gold; small test pit exposes feldspathic and mica slate. Feldspar (orthoclase) lumps 6 in. (15.2 cm) in diameter.	37
6	Robert Simpson Place occurrence.	Pelzer	3839200	363550	Monazite	Located 1.5 mi (2.4 km) southwest of Piedmont, probably north tributary of Hurricane Creek.	Do.
7	Unnamed prospect	Five Forks	3835800	346660	Mica		17
8	Burgess mine	do.	3835820	346650	do.		Do.
9	Smalls Place occurrence	Pelzer	3833380	366000	Monazite	1 mi (1.6 km) south of Pelzer. Probably small western tributary of Saluda River.	37
10	Wideman Place occurrence.	do.	3832560	366320	do.	1.8 mi (2.9 km) south of Pelzer. Probably small western tributary of Saluda River.	Do.
11	D.J. Tucker prospect	Belton West	3829300	360300	Mica	Float, stained mica	17
12	Patton mine	Belton East	3823200	364940	do.	Minor, light-reddish-brown mica, small books.	Do.
13	Welborn prospect	do.	3819900	369780	do.	A few 8-in. (20.3-cm) sheets; minor specked amounts.	Do.
14	McMurtley prospect	La France	3832150	339200	do.	Float, pale-reddish-brown mica	Do.
15	O.W. Casey prospect	Anderson North.	3830400	346500	do.	A pegmatite ledge nearly continuously exposed for nearly 1 mi (1.6 km); a small pit reveals a pocket of mica.	37
16	Whit Smith occurrence	do.	3825900	345650	Iron-magnetite	Persistent outcrop of magnetic iron vein 18 in. (45.7 cm) wide. Analysis given. Area part of Lake Hartwell Reservoir.	Do.
17	Unnamed prospect	La France	3823700	337400	Iron-limonite	Brown ore in pockets in mica slate; prospected. Area part of Lake Hartwell Reservoir.	Do.
18	McConnell prospect	Anderson North.	3823780	347840	Mica and beryl	Small trench. Mica books and good green beryl.	17
19	J.B. Alexander occurrence.	Belton West	3824100	351470	Beryl	Beryl associated with fine-grained mica slate and small pegmatites.	37
20	Cliff Webb prospect	do.	3821560	355140	Mica	Many large books of clear, light-brown mica in 8-ft (2.4-m) pit	17
21	Unnamed occurrence	do.	3819600	354150	Beryl	Beryl associated with fine-grained mica slate and pegmatites. Also contains some emeralds.	37
22	Thomas Drake mine	Anderson South.	3813100	347800	Iron-magnetite	Vein 2 ft (0.6 m) thick; outcrop nearly 600 ft (183 m) long. Iron-magnetite may be weathered pyrite. Analyses given.	Do.
23	Anderson quarry	do.	3811070	350380	Mica	Workings 2,400 ft (732 m) along stream. Topographic map shows strip-mine symbol.	28, 46
24	Paul Jarrett property prospect.	Hartwell NE	3813110	330800	do.	Adjacent to Hartwell Lake, flooded Seneca River.	40, 41
25	Cone Hill Place prospect	do.	3813110	330800	do.	Flooded by Hartwell Lake, course of Savannah River.	Do.
26	Earle prospects	do.	3806660	335960	do.		Do.
27	Unnamed prospects	do.	3805500	335890	do.		Do.
28	W.A. Hewin occurrence	Anderson South.	3805760	342450	Iron	Stratiform siliceous iron layer traceable for nearly 2 mi (3.2 km).	37
29	Unnamed prospect	Hartwell NE	3803740	337540	Mica		40, 41
30	Kowan prospects	Hartwell Dam	3803000	336980	do.	Has light-green mica. Adjoins Gaillard prospect.	Do.
31	Gaillard mine	do.	3802960	334760	do.	Working about 400 ft (122 m) in diameter. Topographic map shows a mine symbol.	17
32	Francis Sadler prospect	do.	3802800	334190	do.		40, 41
33	Unnamed occurrence	do.	3801280	335040	Beryl		19
34	do.	Antreville	3802520	358860	do.		Do.
35	do.	do.	3802600	356480	do.		Do.
36	Gilliam prospect	do.	3800200	350730	Mica		40, 41
37	Wilson Todd prospects	Iva	3799640	350340	do.		Do.
38	Unnamed occurrence	Antreville	3897850	354280	Beryl		19
39	Joseph Ferguson prospect.	do.	3798040	352860	Mica		40, 41
40	Frank Bell prospect	do.	3797900	352230	do.		Do.
41	Frank Pruitt Place prospect.	Iva	3799560	348980	do.		Do.
42	R.E. Ferguson prospect	do.	3798275	349620	do.		Do.
43	Reese McMahan prospect.	do.	3798270	349060	do.		Do.
44	Paul and Hadden Burias prospect.	do.	3797570	350170	do.	Small pegmatites	Do.
45	Walter Burton prospect	do.	3796175	350090	do.	do.	Do.
46	Unnamed prospect	do.	3794510	347540	do.	A small pegmatite	Do.
47	do.	do.	3798550	346860	do.	Small pegmatites	Do.
48	do.	do.	3797680	344340	do.	do.	Do.
49	do.	do.	3796260	342430	do.	do.	Do.
50	do.	do.	3796650	341860	do.	do.	Do.
Do.	McKee prospect	do.	3796180	341040	do.	Mica float near South Carolina Highway 184	17
51	T.C. Simpson prospect	Hartwell Dam	3796920	338420	do.		40, 41
52	Holland mine	Iva	3796120	339600	do.		Do.
Do.	do.	do.	3795980	339290	do.		Do.
53	Ben Martin mine	Hartwell Dam	3795570	337150	do.	One of two locations	17
54	Wharton mine	Iva	3795770	338960	do.		28, 46
Do.	Sherard mine	Hartwell Dam	3794770	338460	do.		Do.
Do.	Alexander prospect	Iva	3795230	339270	do.		40, 41
Do.	Unnamed prospect	do.	3794000	339940	do.	Small pegmatite	Do.
55	Ben Martin mine	do.	3793400	339040	do.	Open cut 70 ft (21.3 m) long and 30 ft (9.1 m) wide and deep. Mostly badly cracked books as much as 6 in. (15.2 cm) in diameter.	17
Do.	Terry prospect	do.	3793200	339600	do.		40, 41
56	Unnamed prospect	do.	3793090	340390	do.	Pegmatite near Bruce's Store	Do.
Do.	J.M. McConnell prospect	do.	3793920	342920	Beryl	Beryl associated with fine-grained mica slate and pegmatites.	36
Do.	Bell prospect	do.	3793920	341060	Mica	Badly broken and weathered books	17
57	Rankin prospect	do.	3791980	343500	do.		40, 41
Do.	Fretwell South prospect	do.	3792700	342600	do.	Mica belt nearly 1 mi (1.6 km) long. Some books 8 in. (20.3 cm) in diameter would yield 2- by 3-in. (5.1- by 7.6-cm) books.	17
58	J.J. Dudley prospect	do.	3791700	345250	do.		40, 41
Do.	W.C. Prince prospects	do.	3791960	344530	do.		Do.
59	Unnamed occurrence	do.	3791680	343870	Beryl		19
60	C.W. Martin prospect	do.	3792420	340260	Mica		41
Do.	Gibbs prospect	do.	3791910	340580	do.		Do.
61	H.S. Bruce prospect	do.	3791130	340940	do.		40, 41
	Greenville County, S.C.						
1	Simmons prospect	Taylors	3867440	376360	do.	Float mica; cinnamon brown	17
2	Barnett prospect	do.	3866550	377540	do.	do.	Do.
3	Boling prospect	do.	3866040	375040	do.		28
4	Gov. Mauldin Place occurrence.	Greenville	3856600	366650	Iron	Red hematite ore impregnates arenaceous slate about 80 ft (24.4 m) wide that crops out continuously for 800 ft (244 m).	37
5	Ropers Mountain occurrence.	Mauldin	3855000	379660	Monazite	Pegmatite source rocks immediately south of Ropers Mountain; monazite-bearing alluvium probably in the north tributary of Laurel Creek and south of Guilder Creek.	Do.
6	Unnamed occurrence	do.	3854800	381540	do.	Southern headwater tributary of Rocky Creek. Location approximate.	Do.
7	Mrs. Joseph M. Jenkins mine.	Greenville	3854850	370000	Iron-limonite	Siliceous slate with pockets of limonitic ore on crest of hill adjacent to branch, probably Brushy Creek. Mined for local use.	Do.
8	Boling mine	do.	3852100	369700	Mica	Little cinnamon-brown mica	17
9	R.S. Berry prospect	do.	3851300	366400	do.	Could yield some punch mica	Do.
10	Alexander Brothers mine	Mauldin	3851000	374400	Monazite	Probably Brushy Creek near juncture with Reedy River; mined out area of thick monazite gravels.	37
11	Wyatt Smith occurrence	do.	3850500	381250	do.	Gravel bed containing monazite on Guilder Creek.	Do.
~~12~~	~~Thomas Fowler occurrence.~~	~~do.~~	~~3850380~~	~~380520~~	~~do.~~	~~Tract comprises 160 acres (64.8 hm²) monazite gravels~~; Maple Creek.	~~Do.~~
13	J.S. Hill Place occurrence.	do.	3849700	379000	do.	Probably eastern tributary of Laurel Creek	Do.
14	John R. Bramlet occurrence.	do.	3848540	379280	do.	At head of branch; monazite-bearing gravels exposed. Location approximate.	Do.
15	F.A. Alston mine	do.	3847800	383450	do.	Probably Bridge Fork Creek; mined for monazite.	Do.
16	Brooks mine	do.	3847050	379900	do.	On Maple Creek, northeastern tributary of Reedy River.	Do.
17	Dr. A. White occurrence	do.	3846000	381260	do.	Probably northeastern tributary of Reedy River.	Do.
18	Unnamed prospect	Greenville	3846950	366950	Mica		17
19	Willimon mine	Simpsonville	3844900	377260	do.		28, 46
20	W.M. Burdin mine	Mauldin	3846000	384760	Monazite	Good bed of monazite gravels has been mined; probably Horsepen Creek.	37
21	Coke Cooper prospect	Fountain Inn	3844850	388280	Mica	Abundant small books of reddish-brown mica.	17
22	Waldrop mine	Simpsonville	3837500	374500	Monazite	Fine-grained monazite mined from Baker Creek.	37
23	Terry Place occurrence	do.	3837400	374200	do.	Probably a southern tributary of Baker Creek	Do.
24	Joe Darby prospect	Belton East	3827050	371230	Mica	Small wedge-shaped "A" books of mica	17
25	Fred Cox mine	do.	3824950	371820	do.	Good sheet mica in World War I	Do.
	Greenwood County, S.C.						
1	Unnamed prospect	Greenwood	3776570	392000	Manganese	Several shallow pits	37
2	Burnet and Devore prospect.	Bradley	3769930	391000	do.	Manganiferous vein 5 to 6 ft (1.5 to 1.8 m) wide; two shallow prospect pits.	Do.
	Laurens County, S.C.						
1	Unnamed occurrence	Ware Shoals East.	3810800	391360	Molybdenum	Molybdenite occurs between marble and quartz monzonite at Master Kiln marble quarry site.	5
	McCormick County, S.C.						
1	Unnamed prospect pits	Calhoun Creek.	3766430	371300	Manganese	Ore mineral not known	46
	Oconee County, S.C.						
1	Unnamed occurrence	Tamassee	3873680	308340	Mica	Largest pegmatite known in area; 12 ft (3.6 m) high, 10 ft (3.0 m) deep, and 5 ft (1.5 m) wide.	20
2	do.	do.	3871800	314640	Iron-magnetite and rare-earths.	Magnetite-rich rock	12
3	John O'Leary prospect	do.	3871580	314550	Uranium and rare-earths.	Thorium present. Six prospect pits; trenches	Do.
4	Moodie(?) prospect	do.	3868110	311800	Silver and lead	West side of Boast Mountain; argentiferous galena. Location approximate.	Do.
5	Unnamed mine	do.	3867480	310570	do.	40-ft (12.2-m) long adit and 15-ft (4.6-m) diameter shaft.	Do.
6	Pigpen Branch mine	do.	3867160	308440	Iron-magnetite	Mica produced from adjacent mine	28
Do.	do.	do.	3867160	308430	Mica	Magnetite produced in adjacent mine	28, 46
7	Unnamed prospect	do.	3867470	310700	Silver and lead	Trenches and pits	12
8	Unnamed mine	do.	3867620	311330	Silver	150-ft (46-m) adit in hillside. Quartz vein sample contains 6.9 parts per million Ag.	Do.
9	Unnamed prospect	Salem	3864920	322750	Mica		17
10	Do.	do.	3863650	320280	do.		Do.
11	Tamassee Creek Smelter	Tamassee	3866600	309950	Not applicable	Smelter for silver-lead ore from local mines	12
12	Taylor Creek mine	Whetstone	3860140	303980	Copper-sulfide	Ore mineral not known	28
13	Unnamed occurrence	do.	3857000	301900	do.		Do.
14	Unnamed mine	Rainy Mountain.	3854980	289350	do.		28, 46
15	R.A. Lee mine	do.	3854400	290500	do.	Northernmost of three mines	Do.
Do.	do.	do.	3854260	290260	do.	Central of three mines	Do.
16	do.	do.	3854170	290170	do.	Southernmost of three mines	Do.
17	Bruce Doyle and Reedy Barnes prospect.	do.	3851940	292640	do.	60-ft (18.3-m) long pegmatite with some books of mica.	17
18	Unnamed occurrence	Whetstone	3848600	296840	Copper-sulfide		28
19	Unnamed prospect	Walhalla	3851840	313050	Mica		17
20	do.	do.	3848560	310900	do.		Do.
21	do.	Westminster	3845600	311980	do.		Do.
22	Keith prospect	Old Pickens	3847650	320700	do.	Flat "A" books, lightly specked, pale-reddish-brown mica.	Do.
23	Leroy prospects	Seneca	3843840	326300	do.	Small amounts of clear reddish-brown mica	Do.
24	Unnamed prospect	do.	3839540	321420	do.	Probably railroad cut in center of Seneca	Do.
25	do.	do.	3837500	320360	do.		Do.
26	do.	Westminster	3835400	314850	do.		Do.
	Pickens County, S.C.						
1	B.A. Hagood occurrence	Pickens	3876700	341850	Feldspar and mica	Ledge of granite with large masses of feldspar and some mica.	37
2	Meese mine	Sunset	3864350	338960	Mica		17
3	Kirksey prospect	do.	3863250	336760	do.	Three small pits for chub "A" books of spotted mica.	Do.
4	Harvey Harper prospect	do.	3862300	335500	do.	Small quantities of stained mica	Do.
5	McComb prospect	Six Mile	3859500	337300	do.	Abundant small books of pale-reddish-brown mica.	Do.
6	C.H. Ellis prospect	Greenville	3857800	363460	do.	Small books; pale-reddish-brown mica	Do.
7	G.F. Fuller occurrence	do.	3857250	363460	do.	In front yard	Do.
8	W.A. Hamilton occurrence.	Easley	3857000	353000	Iron	Float ore analyzed	37
9	Fred Cox mine	Liberty	3854600	340600	Mica		17
10	Josie McMadden prospect.	Six Mile	3854000	337850	do.	Some small books	Do.
11	Davis prospect	Old Pickens	3850400	328100	do.	"A" books and herringbone-pattern mica; clear and pale pinkish buff.	Do.
12	Rosa Morgan prospect	Six Mile	3847900	330200	do.	Two pits; flat "A" books of pale-reddish-brown mica.	Do.
13	Murphrie prospect	do.	3848460	338800	do.	Contains large "A" books of spotted greenish mica.	Do.
14	Morgan prospect	Clemson	3845100	330100	do.	Mattie Falls deposit; good quality; small trench.	Do.
15	Head and Robinson prospect.	do.	3844800	333160	do.	Small clear books. Inclined shaft 40 ft (12.2 m) deep.	Do.
16	Amos L. Honeycutt prospect.	do.	3837350	331600	do.		Do.
	Spartanburg County, S.C.						
1	H.L. Shelton prospect	Greer	3865280	388340	do.	Site in southern residential outskirts of Greer. Minor stained book mica.	Do.
2	Paine Place occurrence	do.	3862000	389500	Monazite	Monazite-bearing gravels probably along Dillard Creek.	37
	Clay County, N.C.						
1	Unnamed placer deposit	Hiawassee	3875520	248540	Rutile	Ore of titanium	43

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