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Table 1. Volume, composition, and tenor of alluvium and resources in monazite in the 44 drainage basins between the Savannah and Catawba Rivers, S. C.-N. C.

River basins	Estimated volume of sediment explored (million cu. yds.)				Estimated resources in monazite (million pounds)				Tenor (pounds per cubic yard)			
	Clay	Silt and sand	Gravel	Total	Clay	Silt and sand	Gravel	Total	Clay	Silt and sand	Gravel	Weighted average
Savannah River in South Carolina (Appraised by D. W. Caldwell in 1952-53).												
1. Hogskin Creek and other tributaries to the Little River Anderson and Abbeville Counties, S. C.	9.15	13.56	2.30	25.01	3.24	20.93	6.36	30.53	0.3	1.5	2.8	1.2
2. Broadway Creek and other streams entering the Rocky River Anderson County, S. C.	20.92	35.47	5.94	62.33	2.72	22.49	4.96	30.17	0.1	0.6	0.8	0.5
3. Big Beaverdam Creek Anderson County, S. C.	19.77	27.43	3.19	50.39	0.28	4.54	0.75	5.57	0.01	0.2	0.2	0.1
4. Big Generostee Creek Anderson County, S. C.	8.38	32.38	3.65	44.41	1.06	17.62	4.06	22.74	0.1	0.5	1.1	0.5
5. Saddler Creek and small tributaries to the Savannah and Seneca Rivers Anderson County, S. C.	0.99	2.26	0.57	3.82	0.59	5.07	2.12	7.78	0.6	2.2	3.7	2.0
6. Big Beaverdam and Little Beaverdam Creeks Anderson and Oconee Counties, S. C.	17.15	28.28	4.79	50.22	2.64	17.49	6.00	26.13	0.2	0.6	1.3	0.5
Totals and averages	76.36	139.38	20.44	236.18	10.53	88.14	24.25	122.92	0.1	0.6	1.2	0.5
Saluda River (Appraised by D.W. Caldwell, 1952-53).												
7. Rabon Creek Greenville and Laurens Counties, S. C.	20.08	35.57	5.30	60.95	2.19	18.17	4.80	25.16	0.1	0.5	0.9	0.4
8. Walnut Creek and other tributaries to the Reedy River Laurens County, S. C.	1.80	4.02	0.98	6.80	0.25	2.20	1.05	3.50	0.1	0.5	1.1	0.5
9. Horse Creek and neighboring streams joining the Reedy River Greenville and Laurens Counties, S. C.	7.18	12.49	1.96	21.63	0.76	3.59	1.62	5.97	0.1	0.3	0.8	0.3
10. Huff Creek and other streams entering the Reedy River Greenville County, S. C.	3.71	11.03	2.19	16.93	1.93	25.58	8.33	35.84	0.5	2.3	3.8	2.1
11. Laurel Creek and adjoining tributaries to the Reedy River Greenville County, S. C.	8.68	17.14	3.71	29.53	1.87	17.74	5.76	25.37	0.2	1.0	1.6	0.8
12. Turkey Creek and other tributaries to the Saluda River Anderson, Abbeville, and Laurens Counties, S. C.	4.39	8.68	1.51	14.58	0.77	6.18	2.08	9.03	0.2	0.7	1.4	0.6
13. Broad Mouth Creek and nearby streams entering the Saluda River Anderson, Greenville, Abbeville, and Laurens Counties, S. C.	10.56	20.21	3.38	34.15	2.46	19.97	6.26	28.69	0.2	1.0	1.8	0.8
14. Grove Creek and other tributaries to the Saluda River Anderson and Greenville Counties, S. C.	10.91	20.37	3.65	34.93	0.75	7.69	2.66	11.10	0.07	0.4	0.7	0.3
15. Big Brushy Creek and adjoining streams tributary to the Saluda River Anderson and Greenville Counties, S. C.	8.23	14.37	2.50	25.10	0.16	2.84	0.85	3.85	0.02	0.2	0.3	0.2
Totals and averages	75.54	143.88	25.18	244.60	11.14	103.96	33.41	148.51	0.1	0.7	1.3	0.6
Enoree River (Appraised by N. P. Cuppels, 1952-53).												
16. Durbin Creek and other tributaries to the Enoree River Laurens, Spartanburg, and Greenville Counties, S. C.	14.41	37.73	3.32	55.46	1.63	10.76	2.11	14.50	0.1	0.3	0.6	0.3
17. Gilder Creek and adjoining streams tributary to the Enoree River Spartanburg, Greenville, and Laurens Counties, S. C.	11.27	33.22	4.48	48.97	3.51	43.97	11.11	58.59	0.3	1.3	2.5	1.2
18. Mountain Creek and adjacent streams entering the Enoree River Greenville County, S. C.	6.18	13.74	2.64	22.56	0.85	6.79	2.68	10.32	0.1	0.5	1.0	0.4
Totals and averages	31.86	84.69	10.44	126.99	5.99	61.52	15.90	83.41	0.2	0.7	1.5	0.7
Tyger River (Appraised by N. P. Cuppels, 1952-53).												
19. Beaverdam Creek and other tributaries to Fairforest Creek Spartanburg County, S. C.	8.07	20.43	3.07	31.57	1.30	11.26	3.26	15.82	0.2	0.6	1.1	0.5
20. Ferguson Creek and other streams tributary to the South Tyger River Spartanburg County, S. C.	13.18	34.10	3.00	50.28	1.50	14.42	2.83	18.75	0.1	0.4	0.9	0.4
21. Junction of the North Tyger River, Middle Tyger River, and adjoining streams -- Spartanburg County, S. C.	26.82	48.51	3.88	79.21	3.16	28.26	4.19	35.61	0.1	0.6	1.1	0.4
22. Parts of the North Tyger River, Middle Tyger River, South Tyger River and tributaries -- Spartanburg and Greenville Counties, S. C.	16.13	27.36	2.94	46.43	1.74	14.55	2.21	18.50	0.1	0.5	0.8	0.4
Totals and averages	64.20	130.40	12.89	207.49	7.70	68.49	12.49	88.68	0.1	0.5	1.0	0.4
Pacolet River (Appraised by N. P. Cuppels, 1952-53).												
23. Lawson Fork Creek Spartanburg County, S. C.	11.13	31.21	4.03	46.37	2.35	26.04	6.33	34.72	0.2	0.8	1.6	0.7
24. Buck Creek and other tributaries to the Pacolet River Spartanburg and Cherokee Counties, S. C.	14.25	47.78	7.27	69.30	6.75	66.83	22.59	96.17	0.5	1.4	3.1	1.4
25. Junction of the North Pacolet River, South Pacolet River and adjoining streams -- Spartanburg County, S. C.	20.80	46.05	8.13	74.98	1.69	19.54	6.47	27.70	0.08	0.4	0.8	0.4
Totals and averages	46.18	125.04	19.43	190.65	10.79	112.41	35.39	158.59	0.2	0.9	1.8	0.8

