

Mine or prospect	Country rock	Form and size of talc deposits; depth of mining	Mineral composition; impurities	Partial chemical analyses			Production	Remarks
				Al <sub>2</sub> O <sub>3</sub>	Total iron as Fe <sub>2</sub> O <sub>3</sub>	CaO		
Alta prospect	Hornfels	Lumps of chlorite or talc in gouge zone 3-11 ft thick that occurs along steep fault.	Probably rich in chlorite; hornfels gouge.				None	Apparently nonsteatite.
Belle prospect <sup>1</sup>	Probably dolomitic marble and lime-silicate rock.	Poorly exposed talc bodies with indistinct walls.	Talc in solid lumps in noncalcareous gouge; undetermined but low.	0.48	0.92	0.13	do	Probably of steatite quality.
Campview prospect	Dolomitic marble and calcareous hornfels.	Talcose layer 50-75 ft long and 1-5 ft thick.	White talc; small amounts of iron and manganese oxides.	3.60	.89	.12	25 tons to 1943. Probably idle 1943-1955.	Quality dubious; no analytical data. A likely prospect. Suitable for steatite.
Crystal White mine <sup>1</sup>	Dolomitic marble and hornfels.	Deposit poorly exposed; largest known talc body more than 40 ft long and 3-4 ft wide. Mined 10-20 ft vertically (estimated).	White talc; some silica, iron and manganese oxides.	2.20	1.00	.10	70 tons (estimated) to 1943. Probably idle 1943-1955.	Talc must be hand sorted from siliceous "boulders;" probably of steatite quality.
Curley's talc mine <sup>1</sup>	Hornfels, diabase, and dolomitic marble(?)	Talc body about 100 ft long and as much as 8 ft thick. Mined 30 ft vertically.	Gray talc; gouge probably of hornfels and marble.				None	Quality undetermined. Even if steatite, probably could not be mined profitably.
Erma prospect	Dolomitic marble and hornfels	Talcose gouge zone with exposed thickness of 1-5 ft; length undetermined. Mined 20 ft vertically.	Rich in chlorite ("blue talc")	15.46	1.61	.07	Probably several thousand tons	Possibly suited to blend with steatite. Probably of steatite grade.
Hideout and Cowhide mines <sup>1</sup>	Granitic rock	Pod 70 ft by 140 ft in plan and 55 ft downdip.	White talc; impurities undetermined but very low.	.31	.87	.12	None	Small. Probably idle 1943-1955.
Do	Dolomitic marble and basic dike	Lens about 3 ft thick and with exposed length of 40 ft. Mined 10-20 ft (estimated) vertically.	Talc; diabase gouge				None	No analytical data. Talc untested for steatite.
High Ridge mine	Hornfels	Zone more than 100 ft long and 1-2 ft thick. Mined 30 ft vertically.	Probably mostly chlorite ("blue talc").	18.16	2.79	.64	140 tons to 1943. Probably idle 1943-1955.	Little if any steatite.
Laura Bell prospect	Dolomitic marble and diabase	Zone more than 25 ft long and 1-4 ft thick. Mined 30 ft downdip.	Probably mostly talc; impurities undetermined but low.	2.77	1.40	.41	Not mined separately; included in above figure.	Probably of steatite grade, but not enough to mine.
Lone Springs mine <sup>1</sup>	Hornfels	Tabular body of "blue talc" about 5 ft thick. Mined 10-30 ft (estimated) vertically.	Probably rich in chlorite ("blue talc").	48.36	1.14	.32	Undetermined	Abrasion: soft. Not of steatite grade but might be blended for steatite use.
Do	do	Veinlets of "white talc" about 1 ft thick in "blue talc."	Talc; impurities undetermined but probably low.	18.74	1.89	4.26	None	Probably of near-steatite grade.
Mac Boyle's Blue mine <sup>1</sup>	Dolomitic marble and granitic rock	Undetermined. Mined 20-40 ft (estimated) vertically.	White talc; impurities undetermined but probably low.				500-1,000 tons to 1943. Probably idle 1943-1955.	Probably suitable for steatite use.
Mae talc prospect	Dolomitic marble and hornfels	Lens, probably less than 50 ft long and 2-5 ft thick. Mined 30 ft downdip.	White talc; carbonate, chlorite, tremolite.	2.74	.03	1.27	60,000 tons (estimated) through 1955.	Probably of steatite grade.
Nevada No. 1 mine	do	Lens 40 ft in diameter and 12 ft thick. Mined 40 ft (estimated) vertically.	Rich in chlorite ("blue talc")	37.09	1.97	1.41	Undetermined; included in above figure.	Deposits are along and near major thrust (Palmetto-Oasis fault) that brings granitic rock over dolomite.
Nevada talc prospect	Hornfels and probably dolomitic marble	Poorly exposed talc body as much as 3 ft thick. Shallow trenches.	Talc; impurities undetermined but very low.		2.76	.19	None	Bodies of "white talc" have altered from dolomite; "blue talc" altered from granitic rock. "White talc" suitable for steatite, but insulator manufacturers prefer talc from other sources.
Oasis mine <sup>2</sup>	Dolomitic marble	Largest known body about 250 ft long and as much as 35 ft wide. Mined 140 ft downdip.	do				None	Used in cosmetics, pharmaceuticals, paints, paper.
Do	Granitic rock	Irregular bodies in granitic rock along or near contact with dolomite.	do		2.51	.13	1,000 tons to 1943. Probably idle 1943-1955.	Contacts of talc with country rock are gradational. Talc probably non-steatite, but a potential blend with steatite.
Oversight and Crystal Butte No. 1 claims <sup>1</sup>	Phyllite(?) and schist(?)	Largest exposed body in layer more than 50 ft long and 1-4 ft thick. Mined 20-30 ft (estimated) vertically.	"White talc" <sup>1</sup>	2.20	1.26	.14	15,000-20,000 tons to 1943. Little or no production since 1943.	A southeastward extension of Oasis talc-bearing zone. Reed deposits are near Palmetto-Oasis fault, but are mainly enclosed in dolomite. Talc probably suitable for steatite uses.
Paramount mine <sup>1</sup>	Dolomitic marble	Single pod, probably less than 100 ft in maximum dimension. Mined 80 ft downdip.	High grade, hand sorted <sup>4</sup>	2.43	.05	.18		Immediately southeast of Oasis mine, along Palmetto-Oasis fault. "White talc" probably suitable for steatite but little used in electrical insulators.
Reed mine	do	Irregular mass about 500 ft long on main adit level, 1-12 ft wide, and more than 130 ft downdip.	Low grade, chloritic <sup>4</sup>	1.65	16.55	.50		Sorted "white talc" used in cosmetics.
Roseamelia mine <sup>1</sup>	Footwall, dolomitic marble; hanging wall, altered granitic rock.	Mass tadpole-shaped in plan, about 150 ft long and as much as 25 ft thick. Mined 100 ft (estimated) vertically.	"Blue talc"				2,000 tons (estimated) to 1943.	In originally worked body, gray talc surrounds pod of white talc and intermingles with it. Gray talc more abundant. Both types, if properly sorted, seem suitable as steatite. Used in paint, cosmetics, pharmaceuticals; insulators.
Shaw (Blue Star, Sundown) mine <sup>1</sup>	Hornfels and dolomitic marble	Earliest workings in pod containing several thousand tons; another, reportedly larger, body worked since 1951. Mined 130 ft vertically.	"White talc"		1.10	.32	5,000 tons (estimated) to 1943. Probably idle 1943-1955.	On fault contact between hornfels and dolomitic marble. Rock contains little steatite.
Sunnyside prospect	Hornfels and dolomite	Altered zone >300 ft long and as much as 45 ft wide. Mined 10-20 ft (estimated) vertically.	White talc		.50	.05	15,000-20,000 tons (estimated) through 1953. 1,314 tons in 1953.	Probably of steatite or near-steatite grade.
Tamarack and Log Spring deposits	Dolomitic(?) marble	Two bodies of undetermined length, as much as 8 ft thick.	Dark gray talc		.45	.26		Probably worked intermittently 1950-1955.
White Bird prospect	do	Two bodies of undetermined length; the larger has maximum observed thickness of 4 ft. Shallow cuts.	White talc; marble inclusions in gross body.				None	Probably of steatite grade.
White Cloud No. 1 mine	Footwall, dolomitic marble; hanging wall, granitic rock.	Body >45 ft long and generally <2½ ft wide. Mined 45 ft (estimated) vertically.	do				None	Probably of steatite or near-steatite grade.
White Eagle mine <sup>1</sup>	Granitic rock, dolomitic marble	Lens >100 ft long, generally 1-3 ft wide, 130 ft downdip. Mined 75-100 ft (estimated) vertically.	White talc; impurities undetermined but probably low.				Small	Probably of steatite grade.
White Eagle Nos. 1 and 2 prospects <sup>1</sup>	Hornfels(?), phyllite(?), and dolomitic marble(?)	Numerous small lenticular to irregular bodies; largest body probably a lens as much as 5 ft thick. Shallow cuts.	White talc, marble inclusions		1.24	.14	1,000-2,500 tons (estimated) to 1943. Idle 1943-1955.	An altered fault sliver in dolomitic marble, near Palmetto-Oasis fault. Talc probably of steatite grade.
White King mine	Footwall, dolomite; hanging wall, granitic rock and gray gouge.	Lens >100 ft in maximum dimension, generally 5-10 ft thick. Mined 62 ft vertically.	White talc; impurities undetermined but probably low.	1.5	.73	.07	None	Talc probably of steatite grade.
White Star No. 1 claim	Dolomitic marble	Stringers, as much as 5 ft thick. Mined 10-15 ft (estimated) vertically.	White talc; very small amount of carbonate.	1.24	1.08	1.30	500-600 tons (estimated) to 1943. Idle 1943-1955.	Apparently on Palmetto-Oasis fault. Talc probably of steatite grade.
White Swan prospect	do	Irregular body. Probably about 30 ft in maximum dimension and generally 1-2 ft thick. Mined 30 ft (estimated) vertically.	White talc		.96	.15	None	Talc probably of steatite grade. Claim also has body of "blue talc" formed by alteration of diabase dike.

<sup>1</sup> Analysis supplied by U.S. Bureau of Mines. Source unknown.  
<sup>2</sup> Also 34.88 percent SiO<sub>2</sub>, 8.00 percent loss on ignition.  
<sup>3</sup> Analyses by Sierra Talc and Clay Co.; white talc, also 59.65 percent SiO<sub>2</sub>, 30.09 percent MgO, 0.55 percent K<sub>2</sub>O, 0.21 percent Na<sub>2</sub>O, 0.06 percent H<sub>2</sub>O-, 5.17 percent H<sub>2</sub>O+, 0.39 percent CO<sub>2</sub>; blue talc, also 33.21 percent SiO<sub>2</sub>, 13.74 percent MgO, 0.44 percent K<sub>2</sub>O, 0.07 percent Na<sub>2</sub>O, 0.29 percent H<sub>2</sub>O-, 11.31 percent H<sub>2</sub>O+, 0.82 percent CO<sub>2</sub>.  
<sup>4</sup> Analysis by Smith-Emery Co.; also 63.16 percent SiO<sub>2</sub>, 33.82 percent MgO, 0.07 percent K<sub>2</sub>O+Na<sub>2</sub>O, 0.24 percent loss on ignition.  
<sup>5</sup> Analysis by Raymond G. Osborne Laboratories, Inc.; also 40.90 percent SiO<sub>2</sub>, 30.19 percent MgO, 0.01 percent K<sub>2</sub>O, 0.02 percent Na<sub>2</sub>O, 10.00 percent loss on ignition.

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