

A.F. Hagner, 1943

MR43-9

GEOLOGICAL SURVEY OF WYOMING

Collins Kyanite

Burnsville, N. C. kyanite sells at \$75.00 per ton ground to 370 mesh and bagged. F.O.B. Burnsville-New York for 1941 and 1942. Mill run is 8-10% kyanite which must be ground to 370 mesh to get separation. This company was to get a \$350,000 loan from the Govt. to cover costs of grinding because of difficulties in getting separation.

The Denver Equipment got a 95% kyanite concentrate from the Collins deposit by grinding to a minus 10 mesh.

The Chas. Taylor Co. of Cincinnati wanted large chunks of kyanite to calcine in their rotary kiln - 6"-10" in diameter and then ground afterward. (Done apparently because the Indian kyanite came in large chunks.) Boas says it could be calcined when smaller more efficiently. Denver Fire Clay Co. calcined some of the Collins kyanite.

(Collins promised me a copy of the Denver Equipment Co. report on his kyanite. Parker at Colo. Mines now has it.)

GEOLOGICAL SURVEY OF WYOMING

Collins Kyanite

11-VI-43

Pearsville, N.C. kyanite sells at \$76.00 per ton ground to 370 mesh and bagged - F.O.B. Pearsville Min. Co. for 1941 & 2. This run is 8-10% kyanite which must be ground to 370 mesh to get separated. This Co. was to get a \$300,000 loan from the Govt. to cover costs of grinding because of difficulties in getting separation.

The Denver Equipment got a 95% kyanite concentrate from the Collins deposit by grinding to a minus 10 mesh.

The Glass Taylor Co of Cincinnati wanted large chunks of kyanite to calcine in their rotary kilns - 6-10 inches & then ground afterward. (Done apparently because the Indian kyanite came in large chunks) So says it could be calcined when smaller - more apparently Denver Fire Clay Co calcined some of the Collins kyanite.

(Collins promised me a copy of the Denver Equipment Co report on his kyanite Parlier at the New York meet.)