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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Cabinet Investment Company Group

Date September 18, 1958

District Sierra Ancha, Gila Co.

Engineer Lewis A. Smith

Subject: Interview with R. J. Johnson

Location: The mine and mill are located 35 miles north of Globe by way of the Young road, thence 1/4 miles east.

Ruppelius

Owners: Mine - Harry ~~Ruppelius~~, Phoenix, and Lewis Elvert of Globe

Agent: R. J. Johnson, Apt. 4., Dominion Hotel, Globe, Arizona.

Mill Owners Being erected by R. J. Johnson and L. D. Johnson of Coolidge, Arizona. These men have contracted to treat 6 tons per hour of the ore from the Ruppelius-Elvert mine, 1/4 mile south of mill. The mill will consist of:

- (1) Cedar Rapids 36" Rolling Crusher (Reduction to -2")
- (2) Davis Short-stroke, double jaw crusher (Reduction to 3/8")
- (3) Classified Swaco 4 deck flat shacking screen, which reduces in 4 stages: -

- 6" mesh
- 10" "
- 16" "
- 24" "

- (4) Shaker screen to handle -24 mesh
- (5) Davis tables (S16) to table screenings.

vein

Feed: Psilomelane in ~~new~~ breccia which averages 4 to 6% Mn. This will be concentrated to 46% Mn, and minor deleterious constituents.

GEOLOGY: Fissure vein in volcanic flows.