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KING OF ARIZONA

Owner: Controlled by A. C. Simpkins and Associates,  
Box 23, Blythe, California.

Located: 54 miles south of Quartzite,  
Kofa Mining District,  
Yuma County, Arizona.

Gold Production: \$3,000,000

CONCLUSION: Vein material left by the former operators is too low grade to justify the purchasing, reequipping and mining this old property.

LOCATION: Ten claims located at Kofa in the S.H. Mountains, 26 miles east of the Stone cabin on the Yuma-Quartzite road.

MINERALIZATION  
AND GEOLOGY:

The King of Arizona vein is a fissure striking N 60° W and dipping 60° to the SE, in an andesite country rock. Close to the surface, its width varies from 5 to 10 feet. The vein is easily followed for a distance of one claim. Gold occurred free in the vein; some silver also was present. The gold content of the vein decreased with depth so that at the inclined depth of 900 feet the vein values were \$6.50/ton (\$35/Au. oz.) Bierce estimated that there were 500,000 tons of this material left in the mine. On the northwest end of the property 2600 feet from the shaft, a rhyolite zone 40 feet wide was mineralized to a small extent. A. C. Simpkins estimated a tonnage here of 300,000 with a \$7 per ton gold value at \$35 per Au. oz. In this latter area there is insufficient development work to determine the tonnage of possible ore. Two samples were taken which assayed 0.18 oz. Au/ton and 0.03 oz. Au/ton - considerably lower than Simpkins' estimate.

COSTS: From a cost standpoint, the operation would not pay.

\$2.25	Mining
1.00	Dev.
1.25	Milling - 250 tons/day
.50	Amort
.60	Royalty

Total cost - \$5.60

Value of ore as mined - \$6.00

Mill Recovery - 90%

Value/ton recovered from ore - \$5.40

10/25/34

C. M. Brinkerhoff - A. L. Rood

C. M. Brinkerhoff