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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: PICACHO PEAK PLACER

ALTERNATE NAMES:

PIMA COUNTY MILS NUMBER: 710

LOCATION: TOWNSHIP 16 S RANGE 4 E SECTION 7 QUARTER SE
LATITUDE: N 32DEG 03MIN 27SEC LONGITUDE: W 111DEG 56MIN 34SEC
TOPO MAP NAME: COMOBABI - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:
IRON MAGNETITE

BIBLIOGRAPHY:
ADMMR FILE DATA 1965
ADMMR PICACHO PEAK PLACER FILE

PICACHO PEAK PLACER

PIMA COUNTY
COMOBABI DIST.

Conference with Wm. Coplan, Quijotoa 4/8/65.

According to Coplan, A. A. Pettit had withdrawn his financial support so that the mill construction has ceased and Lester Cox is out. Cox is now drilling a water well east of Sells. Preliminary runs on the magnetite placer failed to yield satisfactory returns. Coplan said he spent \$20 to have a general check sample, he had taken, assayed and that the sample gave very disappointing results.

A visit found no one there.

MEMO LAS 4/8/65

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine PICACHO PEAK PLACER

Date 2/2/65

District Pima County (South) Comobabi Dist.

Engineer Lewis A. Smith

Subject: Visit and Conference with Lester Cox 2/2/65

PROPERTY: (a) 1,000 acres, all in sand washes and covering an area 3 miles N to S and $2\frac{1}{2}$ miles E to W, east of the Picacho Mine, leased from Papago Indian Reservation.
(b) 1,700 acres leases from Bekins Van Lines, who control the land around the N and W borders of the Indian lease.

LESSEES: Lester Cox, Box 398, Sells, Arizona.
Elden Wilkerson " "
A. A. Pettit, of Arizona White Stucco Co. of Phoenix is the backer.

WORK: Shallow pits in the washes.

MINERALS: Magnetite, gold and reportedly some platinum (on the W).

GEOLOGY: The area lies between the Ko Vaya Hills and the South Comobabi Range (on the E) and from the Ko Vaya Road (on north) south for 3-4 miles to a mile south of Nolic. The periphery of the gravels (quaternary) consists of the Cooncan flows (amygdaloidal andesite, porphyritic andesite (2,500' thick) and several hundred feet of hornblende andesite) These Cooncan Flows overlie the Ko Vaya quartz monzonite or quartz latite porphyry. This complex forms most of the area west of the placer, Picacho Peak and Picacho Mine near the millsite, is of amygdaloidal andesite. Around the east border of the alluvium the foothills of the South Comobabi, persilicic rocks, overlain by the Comobabi and Cooncan Groups forms the principal rocks. The Cooncan Mine (Approx S 20-29, T16S, R4E) lies 1 mile NE of Nolic and is in a strong vein fracture trending East and is 2-3' wide. The vein crosses N trending intrusives into the Cooncan Group. The intrusives may have exerted control over the formation of the shoots. The mine workings reportedly totaled about 300'. The Picacho Mine is 2 miles north of Nolic and is similar to the Cooncan. This mine lies in an E-W fracture in amygdaloidal andesite that to the W overlies a part of a quartz latite porphyry stock. The andesite is considered to be in pendants. The area in which the magnetite placers lie seems to be in part underlain by the andesite (amygdaloidal) and to the east by a complex of rock. The rocks generally are considered to be of Cretaceous (?) age. (Bryner, Leonid, "Geology of the South Comobabi Mountains and Ko Vaya Hills, Pima Co., Arizona": University of Arizona Ph D Thesis 1959). (See maps between pages 11 & 12.)

Plant: The concentration plant, now being erected, consists of a metal square hopper, followed by shaking screens, a conical mixing tank, a cyclone dust remover, Areo-Age Jig and two 5x3 foot tables and a Denver Fire Clay Cupola furnace 25Q16 Model. (2-foot inside diameter). A magnetite separator may be added. The product will be magnetite concentrates, for which a market is said to be available in Texas. Other equipment consists of a Shild bantam crane.

Access: Drive SE from Quijotoa Trading Post (Junction of Casa Grande Hwy with Tucson-Ajo Hwy) for $10\frac{1}{2}$ miles to mile post 102 then turn left and drive 4 miles in a NE direction to Nolic, then N for $1\frac{1}{2}$ miles, to the mill, on the Ko Vaya road. The Picacho Peak (and mine) are on the right and a little south of the mill. The road is graded. Four men are employed at the mill site.