



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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Copper Butte - A007

September 25, 1970

Mr. C. F. Mitchell
137 North Hoff
Tucson, Arizona

COPY

Dear Mr. Mitchell:

We understand you have a copper oxide property that may be available. Heinrichs Geoexploration Company has a client who may be interested in discussing putting the property into production. In any case, you may be interested in discussing this on the phone. Please give me a call at my office, 623-0578 or at 326-2459.

Very truly yours,

HEINRICHS GEOEXPLORATION CO.

E. Grover Heinrichs, Vice President

EGH:td

OXIDE PROPERTY

Date - February 3, 1970

NAME OF PROPERTY

COPPER BUTTE MINE

No. 3

LOCATION:

Sec. 19 & 30 T 3 S, R. 13E
Pinal County, Arizona

SIZE OF PROPERTY

Unknown number of claims or
tonnage - reportedly ships
approximately 100 T/day -
grade unknown.

OWNERSHIP

Copper Buttes Mining Co.
137 N. Hoff
Tucson, Ariz.
Pres. ? Mitchel

COMMENTS

Impressive outcrop of copper
oxide within 3 miles of Kennecott's
Ray Pit.

Production has been intermittent
for the last 20 years.

Needs comprehensive evaluation.

e - Housing - Limited

f - Water - Can be developed on property.

g - Labor - Available in the area.

h - Climate - Mild - near Tucson

i - Supply sources - Tucson.

Type of Deposit

Quartz Monzonite intrusive into the sediment. contact metamorphic. Massive blanket occurrence outcropping at surface. Known depth 300'. Minerals of Cu are oxides and chalcocite. Assaying 0.08% Cu to more than 1% Cu.

Mine is a producer of Zn S and Cu S from veins and pods by underground mining methods.

Leaching tests conducted by Duval indicate good extractions of copper from oxides and chalcocite.

Open pit and/or open-cut mining appears to be feasible.

Duval has made an estimate of 5,000,000 tons containing 0.6% Cu and 5,000,000 tons of 0.15% Cu. Stripping ratio waste/ore = 0.4:1