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Bernadine Weeks conveys to
Lloyd J. Perper and Marion E. Perper
SW 1/4 SE 33 T 14 S R 13E, except 12 East
12 Rods thereof.

Subject to

Taxes

Established or Existing Roads

Reservation in Federal Patent

Notice of Location No 10753
N 1/2 of SW 1/4 of SW 1/4
July 8 1929 Rec July 8 1929
In Book 33 of Mining Records @ pg 336
Notice of Lode Claim

Liberty Quartz
W.C. Stanley
8 Oct 1929
Bogoquivari District

NA Applicable & old part area

Checked all July Survey's 1929
Not Applicable —
Hydrothermal Alteration, Mineralization, and Zoning in the Ray Deposit

C. H. Phillips, N. A. Gambell, and D. S. Fountain

Abstract
November 20, 1973

Mr. John Kinnison
Route 1, Box 621-B
Tucson, Arizona 85704

Dear Mr. Kinnison:

It was a pleasure to speak to you concerning the proposed article on Exploration for the Annual Review issue of Mining Congress Journal. As I told you, the proposed article would appear in the February issue, the copy deadline for which is January 7.

We are enclosing copies of the last two Annual Review articles to give you some idea as to how other authors have handled the subject. Also enclosed is an article by Vinton Clarke that we included in the February 1973 issue because of its relevance to the explorationist. You will note from the enclosed that each review author has tended to emphasize those aspects of the subject that are of particular interest; on occasion, the authors have been quite philosophical. Over the years, review articles have tended to range from 2500 to 3500 words but, of course, the figure is governed by the depth of coverage given to the subject.

We are indeed grateful to you for considering authorship of the article and look forward to hearing from you after you have had an opportunity to think about it.

Sincerely,

[Signature]
David W. Pinkard
Editor

Enclosures

P. S. Please feel free to call me at home and call collect. My home phone number is (301) 585-1973.
Exploration in 1971
—a study in deceleration

By HENRY R. COLEN
Vice President, Exploration
Homestake Mining Co.
Feb 20, 74
International Precious Metals
Tony Hawk (PD) referred Perry Peterson
Wholesaling Bullion

Proposed to Mine and Explor in Montana (Example)
Would like Review

22255 Greenfield Rd
5th Floor
Southfield, Michigan 48075

Toll Free No. 800-521-8250
August 25, 1973

Mr. Arthur Brunton
Executive Director
American Institute
of Professional Geologists
315 South Union
Denver, Colorado 80228

Subject: George F. Warnock

Dear Sir:

In response to your letter regarding Mr. Warnock, who has applied for membership, I have the following comments:

I first became acquainted with the applicant in about 1959 or '60, when he was stationed in Tucson in a regional exploration office. Our contact during this time was casual, and limited to professional gatherings and field trips. Our acquaintance was renewed in 1970, when the applicant was in his present position as a consultant and director of an exploration service, and I was in charge of regional exploration for Kaiser Exploration and Mining Company, and has continued on a business basis to this time.

During the past 3 years I have had an opportunity to make evaluations of prospects on which Mr. Warnock was employed as a consultant; I have seen his reports and discussed mineral exploration plans with him. I have a high regard for the quality of his professional work and ethical standards.

I certainly endorse his membership in the A.I.P.G.

Yours very truly,

John E. Kinnison
Consulting Mining Geologist

JEK;fw
Phone call J.E.K to N.R.W. -

From N. Whaley

Milling in 1967 @ 22,500 Tpd.

Total water used = 15,000 gpm.

1 which ± 80% is reclaimed so that

3,500 gpm new make-up water
required.

\[
\frac{3,500}{15,000} = 23.3\% \text{ new make-up water required.}
\]

\[
\text{New water} = \frac{3,500}{22,500} = 0.155 \text{ gpm per Tpd milled.}
\]

Also

\[
3,500 \times 60 \times 24 = \frac{504,000}{22,500} \text{ gpd per day new water.}
\]

\[
\frac{504,000}{22,500} \text{ gpd per ton milled.}
\]