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July 11, 1960

Dr. Patrick Arthur Hill  
Department of Geology  
University of Tasmania  
Box 252 C, G.P.O.  
Hobart, Tasmania  
Australia

Dear Dr. Hill:

In response to your letter of 19 June last, I enclose a reproduction of my paper on Oxidation Subsidence which you requested. The reprints were exhausted many years ago. I am sorry that the photos in the enclosed version do not reproduce well.

I have written no other papers on subsidence, nor any on leached outcrops or secondary enrichment. The principal U.S. papers on leached outcrops were written some years ago by Blanchard and Boswell. Boswell is dead, but you might write Blanchard (who was Chief Geologist at Mt. Isa for about 17 years) in the hope that he might still have reprints of these valuable papers.

Roland Blanchard  
153 South Hermosa Avenue  
Sierra Madr , California

Very truly yours

Edward Wisser  
Professor of Mineral Exploration

PATRICK ARTHUR HILL  
DEPARTMENT OF GEOLOGY  
UNIVERSITY OF TASMANIA  
HOBART, TASMANIA  
AUSTRALIA

19/June/1960

Dear Dr. Wisser

May I have, if still available,  
a reprint of your paper

OXIDATION SUBSIDENCE AT BISBEE,  
ARIZONA: ECON. GEOL., v. 22,  
p. 761-790, 1927

and any other papers on subsidence,  
leached outcrops, and/or secondary enrichment.

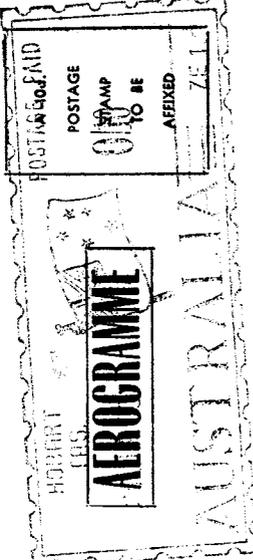
Thank you,

Sincerely

Patrick Arthur Hill

Second Fold Here

First Fold Here



To open cut at top

BY AIR MAIL  
PAR AVION

DR. EDUARDO H. WISSER  
 1986 YOSEMITE ROAD  
 BERKELEY 7, CALIFORNIA  
 U. S. A.

Approved by Postmaster-General for acceptance  
as Aerogramme, No. 38

From *P.A.H., Geology*  
 UNIVERSITY OF TASMANIA  
 Box 252 C, G.P.O., Hobart, Tasmania

\*

If anything is enclosed, letter will be sent by ordinary mail

## OXIDATION SUBSIDENCE AT BISBEE, ARIZONA.<sup>1</sup>

EDWARD WISSER.

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SUBSIDENCE of overlying rock during oxidation of sulphide replacement ore bodies in limestone, though mentioned in the literature, has been conspicuously neglected as a guide to ore. In Bisbee the writer and his associates undertook its systematic study and found it to exhibit certain simple characteristics identifiable in unmineralized rock as much as 1,000 feet vertically above an ore body.

<sup>1</sup> Subsidence in the overlying rock due to removal of support through shrinkage of ore bodies, and of their walls and floors, during oxidation.

9-15-62

Dear Mr. Wisser,

Would you please  
send me a reprint, if  
available, of your paper,  
Oxidation subsidence at  
Bisbee, Arizona, that was  
published in Economic Geology,  
1927.

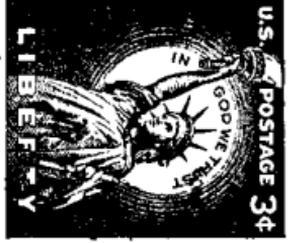
For your kindness, I  
thank you sincerely.

Yours Truly,  
James F. Quinlan

JAMES F. QUINLAN, JR.  
BOX 38  
FALLS CITY, TEXAS

JAMES F. QUINLAN, JR.  
BOX 38  
FALLS CITY, TEXAS

THIS SIDE OF CARD IS FOR ADDRESS



Mr. Edward Wisser  
Wisser & Cox, Consulting Geologists  
55 New Montgomery Street  
San Francisco 5, California

Star Route  
Garden Valley, Calif.

October 1, 1962

Mr. James F. Quinlan Jr.  
Box 38  
Falls City, Texas

Dear Mr. Quinlan:

Regarding your request for a separate of my paper "Oxidation Subsidence at Bisbee, Arizona", regular separates were exhausted long ago. However, in response to several recent requests I have had a few separates made by ordinary office reproduction machine. I enclose one of these. I am sorry the photos did not come out.

Yours truly

Edward Wisser