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DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

*granted*

Mine	BINGHAMPTON, Cu.	Date	December 17, 1942
District	Agua Fria	Engineer	Earl F. Hastings <i>e</i>
Subject:	Reconstruction Finance Corporation Preliminary Development Loan		

Docket No.	C-ND-Phoenix 114
Date Application Received	December 16, 1942
Date of Field Examination	October 22, 1942
Date of Report	December 17, 1942

1. Name and address of applicant (correspondent):  
Mark Gemmill, 132 South Pleasant, Prescott, Arizona.
2. Character of project and estimated cost thereof:  
Cu. Cleaning up and repairing Adit level, "A" level, Raise #102 and Shaft "B" to make accessible an estimated 17,500 tons of carbonate copper ore assaying 3 $\frac{1}{2}$ %.  
\$5000.00.
3. Location of property:  
Agua Fria Mining District, Yavapai County, Arizona.
4. Applicant's interest in or ownership of property:  
Applicant is one of three in a limited partnership. The other two partners are owners of the mine through purchase from Yavapai County.
5. Loan requested:  
\$5000.00.
6. Loan recommended:  
\$5000.00.
7. Comments:  
(A) Added to the Docket is the brief report of A. C. Nebeker, Field Engineer, Department of Mineral Resources, dated October 22, 1942.

(B) The applicant appears to have corroborative evidence in the H. W. Squires report to support his claim of commercial value and quantity of ore to be made accessible by this loan.

(C) Geographical location is such that profitable operation is entirely feasible. The applicant is an unusually capable, energetic operator and is thoroughly familiar with this particular property; these conditions tend to enhance the economic complexion and productive possibilities of the mine.

(D) Over 1 million pounds of copper are available in direct shipping ore. The critical materials required for the production of this ore is on a highly favorable ratio to the copper yield.



BINGHAMPTON, Cu.

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December 17, 1942

(E) The loan is strongly recommended.

ARIZONA DEPARTMENT OF MINERAL RESOURCES



Earl F. Hastings  
Assistant Director and  
Projects Engineer

			cu	sq	cu	zn	Fe	CaO	SiO <sub>2</sub>	AlO <sub>3</sub>	S	Tons	cu	net	Basis		
2-11-43	2326	1	h	.16	1.78	.2	8.7	.1	69.1	7.8	.3	54,0785	1925	20.53	5 cents		3000.00
18		2			1.23							230.424	5673	1.40/ton		Loss	900.00
2-26-43	2343	3	h	.15	1.57	.2	10.8	0	64.2	9.5	.8	123,998	3894	95.48			441.00.00 when pfeffer with ore
2-24-43	2344	4	h	.14	1.53	.1	11.0	0	61.8	10.5	.2	126,037	3857	105.89		Jan 1, 1944 Rev	468.87
3-6-43	2352	5	h	.12	1.48	0	10.8	.3	60.9	10.7	.8	108,6995	3218	101.09			3631.03
												643,453	18567		900.50	15 cents	
Pfeffer 1943					2.320							6243.00	287178	1494.25			
" 1944					2.57							7205.880	370,385	156.33			45590.42
" 1945												14092.333	676030				
												3001,825	142696	6328.33			20373.27