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File
Flambeau Mine,
Wisconsin

avoid verbal orders

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TO Memo to File LOCATION M&M Fort Wayne
 FROM Howard Lanier LOCATION Fort Wayne
 SUBJ. Kennecott Flambeau Project DATE February 9, 1973

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Paul Eimon ✓

XM

FEB 16 1973

RECEIVED

Met with Kinnear in New York on February 7 regarding the development of the Flambeau mine in Wisconsin. Kinnear gave me the attached memo which outlines mining rates, concentrate production, and assays.

Currently they are conducting studies regarding ecological impact. They anticipate approval to proceed this year. They anticipate a start-up of the mine by mid-1976. Kinnear is definitely interested in disposing of the concentrates in the mid-West. Their present plans involve shipping the concentrates to Nevada and returning the copper to the East which would cost approximately 6¢ to 7¢/lb. in freight. The alternative which is being investigated is the hydrometallurgical process to produce electrowon copper.

We discussed a range of possible participation of the two parties including a joint venture of the project to sale of concentrates to Essex for smelting and refining. I am to contact Kinnear in late February 1973.

HL/ms

Attachment

February 6, 1973

Memo to File:

Subject: Flambeau Projections

Mining Rate - Open Pit

1,000 tons of ore per day
350 days per year of operation

Concentrate Production

Average - 47,000 tons per year
Range - 65,000 to 42,000#

Concentrate Grade

Average - 25% copper
Range - 20 low to 30% high

Composite of Concentrates

Probable Ranges

- | | |
|------------|---------------------|
| 1) Iron | 24-28% |
| 2) Sulphur | 32-36% |
| 3) Insols | 4-8% |
| 4) Lime | No assays available |


J. C. Kinnear, Jr.

cc: Mr. Howard Lanier ←

*Estimated production 2/7/73
2000 tons per year
25% copper*

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TO Memo to File LOCATION _____

FROM Howard Lanier LOCATION _____

SUBJ. KCC Flambeau Project DATE January 15, 1973

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The following information was obtained from John Schissler regarding Kennecott Flambeau at Lady Smith Rusk County Wisconsin.

Tonnage

Overall Tonnage	12,692,000 Tons at 2.89% Copper
Open Pit	3,104,000 Tons at 4.51% Copper
Underground	4,705,000 Tons at 4.87% Copper
Gold	0.88 OPT
Silver	1.2 OPT
Zinc	1.07%

Stripping

Preproduction Stripping	1,574,000 Tons
Production Stripping	12,783,000 Tons
Production Stripping Ratio:	4.12 to 1

HL/ms