



Form 119. 1000-March 20-16

**MESH TEST CARD**

NO. 150 DATE: \_\_\_\_\_

Hardinge Conical Mill Co., New York  
MILL A Vieille Montagne Zinc  
Cumberland, England.

MATERIAL: Zinc-Lead Ore  
GANGUE ROCK: Silicious Limestone  
HARDINGE MILL USED: 8' x 22" cyl. Pebble

THE FOLLOWING SHOWS MESH SIZES BEFORE & AFTER REDUCTION.

| Thru... Mesh    | Feed to Mill | Product from Mill |
|-----------------|--------------|-------------------|
| ON 2 MESH       | 25.5         |                   |
| " 4 "           | 30.0         |                   |
| " 6 "           | 34.0         |                   |
| " 8 "           | 7.5          | 0.2               |
| " 10 "          | 2.7          | 4.8               |
| " 20 "          |              | 18.0              |
| " 30 "          |              | 17.9              |
| " 40 "          |              | 15.2              |
| " 60 "          |              | 4.0               |
| " 100 "         |              |                   |
| " 150 "         |              | 25.8              |
| " 200 "         |              | 13.5              |
| THRU 200 { Sand |              |                   |
| { Slime         |              |                   |

CAPACITY IN TONS PER 24 HRS. 150

CHARGE PEBBLES

R. P. M. 50

H. P.

WATER

ELEVATION OF FEED END

CONSUMPTION OF PEBBLES

KIND & LIFE LINING

## A PRISONER OF WAR

Mr. J. C. Farrant, our London representative, back in his office, after four years of German prison life, sends us the following:

"... I spent a day at the plant of the Vieille Montagne Zinc Co. Their 8-ft. diameter by 22-inch cylinder Hardinge Conical Mill is doing good work.

Mr. Cose, the General Manager, is very well satisfied with the mill, as he damn well ought to be.

No repairs for 6 years beyond nose pieces for scoop, flange for manhole cover, and occasional relining."

Grinding for Concentration, Flotation, Amalgamation and Cyanidation

**HARDINGE CONICAL MILL COMPANY**

120 Broadway, New York

SALT LAKE CITY  
Newhouse Bldg.

DENVER

First National Bank Bldg.

Cable Address—"Halharding, New York"

LONDON  
551 Salisbury House