

## 150 - 200 TPD Merrill Crowe Gold/Silver Processing Plant

### **[Inventory ID #206702]**



#### **Item**

#### **Details:**

Coarse ore bin  
 Coarse ore feeder

Bolted Construction  
 FMC - approx 36 in. X 8 ft. - 2 drives

#### **Jaw crusher**

**25 in. X 42 in.**

Conv No. 1  
 Conv No. 2  
 Vibrating screen  
 Electromagnet  
 Conv No. 3

24 in. X approx. 10 ft.  
 24 in. X approx. 35 ft.  
 4 ft. X 8 ft. AC - low head - double deck  
 approx. 2 ft. X 2 ft. - Dings - 115 V  
 24 in. X approx. 28 ft.

#### **Cone crusher cw lube system 3 ft.**

Fine ore feeder

12 in. wide Vibrating feeder

Fine ore bin  
 Ball mill feed conveyor  
 Weightometer

12" wide Vibrating bin  
 18" X 15'  
 Ramsey

#### **Ball mill 150 HP**

**Hardinge - 6 ft. dia. x 9.5 ft.**

Replacement metal liners - ball mill  
 Grinding balls  
 Cyclone feed pump  
 Cyclones  
 Mineral jig

Spare set Liners - complete except for grates and disch head  
 approx. 10 tons  
 3" Slurry  
 Krebs - 10 in.  
 16 in. x 24 in. duplex

Conditioning tank

5 ft. x 5 ft.

Flotation air blower	Roots
Rougher - scav flot machines	30 cu ft. 8 cells
Cleaner flot machine	18 SP - 3 cells
Concentrate pumps	1 in. vertical
Concentrate thickener	9 ft. diameter

## **Tailing Thickener**

**16 ft. diameter**

Tailing pump	3 X 3 Slurry Pump
Sump pumps	2.5 in. x 4 ft. Vertical
Sump pumps	1.5 in. x 4 ft. Vertical

Leaching tanks	10 ft. dia. X 8 in. high
Misc tanks	4 @ 9 ft. dia. x 8 ft. high
Refinery furnace	12 in. diameter crucible
Pressure filter	16 in. diameter horizontal
Electrolytic cells with Rectifiers	4 ft. w x 5 ft. h X 15 ft. long - SS & Al electrodes
Piping and control manifold	skid
Clarifier	3 ft. dia. X 8 ft. high
Receiver	3 ft. dia. X 8 ft. high

## **Misc pumps - slurry**

**3 in. & 4 in.**

## **Regrind ball Mill**

**Hazen Quinn - 16 in. Dia. X 48 in. Long**

Horizontal belt filter cw vacuum and  
 filtrate pumps

Shop compressor

Sample pressure filter

Misc pumps

Water & Solution

Diaphragm pump

Assay furnace

DFC electric - 3 phase

Drying oven

Double Door

Jaw crusher

Lab Jaw

## **Motor control center**

**Allen Bradley  
 CB + mag starters /Various Sizes**

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