

3500 Ton Per Day CIP Plant [Inventory ID #174594]



- Boliden Allis semi-autogenous grinding (SAG) mill.
 - Size (diameter x length)
 - 7.3 m x 2.74 m. (24 ft. x 9 ft.)
 - Lining: steel.
- Sagmill inching (drive) device.
- Sagmill feed chute.
 - Steel casing with liners.
- Sagmill feed end.
- Sagmill discharge liners.
- Sagmill shell liners.
- Sagmill discharge end.
- Sagmill discharge end drive.
 - 3000 HP synchronous motor.
- Sagmill discharge screen (L x W):
 - 4.8 m x 1.5 m (16 ft. x 5 ft.)
 - Allis Chalmers.
- Sagmill liner service unit.
 - Capacity: 2.5 metric tonnes @ 1.1 m.
 - Ani Ruwolt.
- Sagmill lube pump #1: 1 unit.
- Sagmill lube pump #2: 1 unit.
- Sagmill discharge sump.
 - Capacity: 40m³/hr.
 - Rubber lined MS.
- Boliden Allis ball mill.
 - Size: (diameter x length).
 - 4.72 m x 5.18 m (15.5 ft. x 7 ft.)
 - Lining: steel.
 - Complete with:

- Air clutch.
- Air compressor.
- 3000 HP synchronous motor.
- Ball mill lube pump #1: 1 unit.
- Ball mill lube pump #2: 1 unit.
- Symons shorthead crusher.
 - Drive: 150 HP induction motor.
 - Size 1.372 m (4.25 ft.)
- Lime hopper bin.
 - Capacity: 2 metric tonnes (nominal).
- Lime belt feeder.
 - Capacity: 1 ton/hr (nominal).
 - Size: 600 mm wide x 1900 mm long.
 - Drive: Electric variable speed.
- Pikrose electric hoist.
- Stephen Adamson Apron feeder.
 - Model: TC-20.
 - 200 ton/hr capacity.
 - Size (L x W).
 - 6.5 m x 1.2 m (21.33 ft. x 3.94 ft.)
 - Base frame: steel construction.
 - Includes hydraulic drive.
- Mill central control panel.
- Cyclone feed pumps: 12 x 10 FAH Warman.
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 - Capacity: 660 m³/hr.
 - Type: centrifugal.
 - Drive: fixed speed.
 - Construction: rubber lined casing, metal impeller.
- Air receiver tanks.
- Treated water break tank.
 - 6.56 ft²
- Mill & process water tanks:
 - Unit #1:
 - Capacity: 860 m³.
 - Size (diameter x height):
 - 10.5 m x 10.9 m (34.4 ft. x 35.76 ft.)
 - Unit #2:
 - Capacity: 1463 m³.
 - Size (diameter x height):
 - 12.3 m x 13.1 m (40 ft. x 43 ft.)
 - Complete with:
 - Agitators.
 - Dual propeller.
 - 4 blades.

- Rubber coated.
- Leach/CIP tanks: 20 units.
 - Capacity: 1463 m³.
 - Size (diameter x height):
 - 12.3 m x 13.1 m (40 ft. x 43 ft.)
 - Complete with:
 - Agitators.
 - Dual propeller.
 - 4 blades.
 - Rubber coated.
- Eluate tank.
 - Size (diameter x height):
 - 4.5 m x 6.5 m (15 ft. x 21.5 ft.)
- Thermopac boiler.
- Boiler control panel.
- Electrolyte transfer tank.
 - Size (diameter x height):
 - 3 m x 2.4 m (9.84 ft. x 7.87 ft.)
- Furnace ladle.
- Acid wash tanks: 2 units.
- Surge tank.
 - Size (diameter x height):
 - 7.3 m x 7.5 m (24 ft. x 24.6 ft.)
 - Capacity: 292 m³.
 - Dual 4-bladed, rubber coated propellers.
- (2) 150 HP induction motors.
- Pre-soak tanks.
- Conveyor #1 (CV01): 250 ton/hr.
 - 54 in. wide.
 - No belts and rollers.
- Conveyor #2: 24 in. wide.
 - No belts and rollers.
- Conveyor #3: 24 in. wide.
 - No belts and rollers.
- Conveyor #4: (return).
 - 24 in. wide.
 - No belts and rollers.
- Conveyor belts for CV01: 54 in. wide.
- Ramsey circulating load weightometer.
- Ramsey mill feed weightometer.
- Trash dewatering screen.
- Stearn Magnetics tramp metal magnet.
- Drilling equipment.
- RO system.
 - Capacity: 100 m³/day.

- Activated carbon filter tanks.
- Treated water storage tank.
 - Capacity: 100 m³.
- Osmonics ozonator.
- Demag overhead crane.
 - Capacity:
 - 20 metric tonne main.
 - 5 metric tonne auxiliary.
- Electrical wiring components and connections of various equipment to control panels.

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