

Graphite Processing Plant

[Inventory ID #1400967]



Graphite Processing Plant

Grinding Mills:

- SAG Mill: One (1)
 - Make: Outotec
 - Type: Trunnion Supported SAG Mill
 - Condition: New in OEM Packaging (In Storage since 2018)
 - Size: 3.7m Diameter x 1.5m Effective Grinding Length (12.1ft Dia. x 4.9ft)
 - Discharge: Grate Discharge
 - Liner: Poly-Metallic Liners
 - With Motor
 - Power Output: 350HP
 - Voltage: 575V
 - With a 250kW Variable Speed Single Pinion SCIM Drive

- Rod Mill: One (1)
 - Make: Outotec
 - Type: Trunnion Supported Rod Mill
 - Condition: New in OEM Packaging (In Storage since 2018)
 - Size: 2.7m Diameter x 4.1m Effective Grinding Length (8.8ft Dia. x 13.5ft)
 - Discharge: Overflow Discharge
 - Liners: Cr-Mo Steel Liners (Note: Rods May Have Been Replaced with Ceramic Balls to Avoid Damaging the Large Flakes)

- With Motor:
 - Power Output: 450HP
 - Voltage: 575V
 - With a 340kW Variable Speed Single Pinion SCIM Drive
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- Polishing Mills: Two (2)
 - Make: Outotec
 - Type: Trunnion Supported Ball Mills
 - Condition: New in OEM Packaging (In Storage since 2018)
 - Size: 3.2m Diameter x 5.6m Effective Grinding Length (10.5ft Dia. x 18.4ft)
 - Discharge: Overflow Discharge
 - Liners: Rubber Liners
 - With Motors:
 - Power Output: 1000HP
 - Voltage: 4160V
 - With a 725kW Variable Speed Single Pinion SCIM Drives
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- Polishing Mills: Two (2)
 - Make: Outotec
 - Type: Trunnion Supported Ball Mills
 - Condition: New in OEM Packaging (In Storage since 2018)
 - Size: 2.7m Diameter x 4.1m Effective Grinding Length (8.9ft Dia. x 13.5ft)
 - With Motors:
 - Power Output: 450HP
 - Voltage: 575V
 - With a 340kW Variable Speed Single Pinion SCIM

Filter Presses:

- Make: Outotec
 - Concentrate Filter-Press: PF1225
 - Model: PF1225 30/35 M15 1 60
 - Condition: New in OEM Packaging (In Storage since 2018)
 - Hydraulic Unit & Air Release Tank (Fully Assembled)
 - Tailings Filter-Press: FFP102
 - Model: FFP1516 30/40 M60
 - Condition: New in OEM Packaging (In Storage since 2018)
 - With Hydraulic Power Unit & Water Station
 - Disassembled in (4) 40ft HC Containers

- Overall Dimensions:
 - Length: 13,460mm
 - Width: 3,834mm
 - Height: 4,515mm
 - Weight: 50,000 kgs

Flotation Equipment:

- 12 Flotation Cells (No Platework)
 - The Components to Fabricate the Cells and Columns were Partially Delivered - Fabrication Halted with Financing went Uncompleted
- 8 Flotation Columns (No Platework)
 - The Components to Fabricate the Cells and Columns were Partially Delivered - Fabrication Halted with Financing went Uncompleted

Thickeners:

- 9m Concentrate Thickener
 - Feed Rate, Dry: 6.7 TPH
 - Weld-Type
 - Work Completed/To Be Done:
 - Tank (Divided in 2 Half Sections) - 100% Welding Complete, Paint Remaining
 - Bridge - 100% Welding Complete, Paint Remaining
 - Columns and Brace - 100% Complete
 - Rake - 100% Complete
 - Drive and Feed - Not-Started
- 15m Pre-Concentrate Thickener
 - Feed Rate, Dry: 7.5 TPH
 - Bolt-Type
 - Work Completed/To Be Done:
 - Tank - 100% Complete
 - Bridge - 100% Complete
 - Column and Brace - 100% Complete
 - Rake - 100% Welding Complete, Paint Remaining
 - Feed - Welding 50% (Can Confirm with More Accuracy in Spring)
 - Drive - Not-Started

- 18m Tailings Thickener
 - Feed Rate, Dry: 17.6 TPH
 - Bolt-Type
 - Work Completed/To Be Done:
 - Tank - 100% Complete
 - Bridge - 100% Complete
 - Column and Brace - 100% Complete
 - Rake - 100% Welding Complete, Paint Remaining
 - Feed - Not Started
 - Drive - Not Started

- Location: Eastern Canada

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