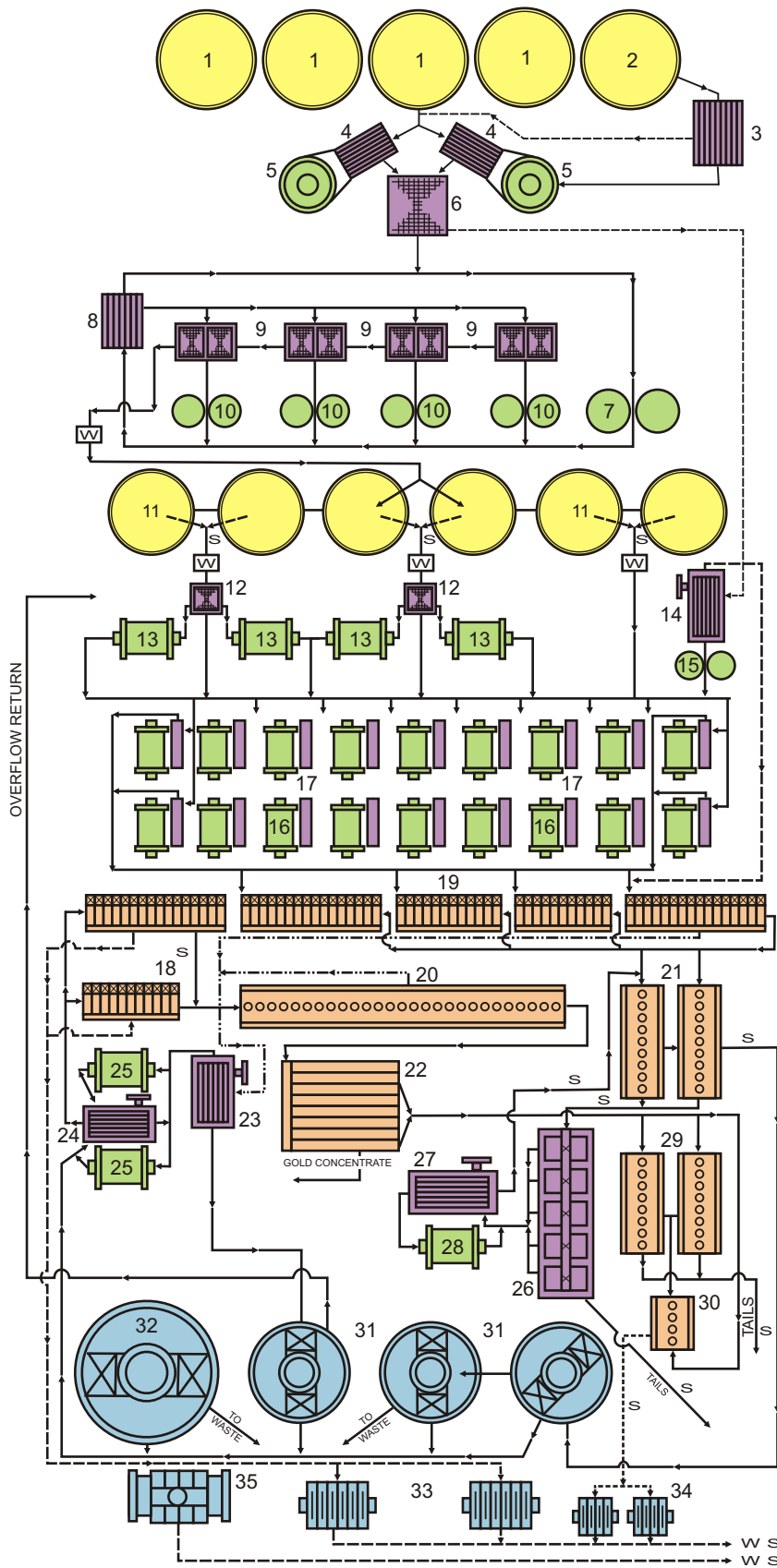


Britannia Mine - Flowchart of Mill No. 3



- 1 500 Ton Coarse Ore Bins
- 2 500 Ton Wet Ore Bin
- 3 Stat'y Grizzly
- 4 Stat'y Grizzly
- 5 7½ k Gyratory Crushers
- 6 4' x 5' Washing Screens
- 7 72" x 20" Traylor Rolls
- 8 Oversize Grizzly
- 9 Hummer Dry Screens
- 10 54" x 18" Traylor Rolls
- 11 600 Ton Fine Ore Bins
- 12 Hummer Dry Screens
- 13 6' x 11' Ball Mills
- 14 Drag Classifier
- 15 41" x 16" Traylor Rolls
- 16 5' x 9' Ball Mills
- 17 Dorr Simplex Classifiers
- 18 14 Cell M.S. Cleaners
- 19 14 and 21 Cell M.S. Roughers
- 20 Forrester Cleaner Tails Retreatment Machine
- 21 Scavenging Forrester Machines
- 22 Blanket Gold Recovery Plant
- 23 Concentrate Drag Classifier
- 24 Concentrate Regrinding Drag Classifier
- 25 Concentrate Regrinding Mills
- 26 Hydraulic Classifier
- 27 Drag Classifier
- 28 5' x 11' Ball Mills
- 29 Forrester Pyrite Roughers
- 30 Forrester Pyrite Cleaner
- 31 44' x 14' Dorr Thickeners
- 32 60' x 14' Dorr Thickener
- 33 6 Leaf 8' Diameter American Filters
- 34 4 Leaf 6' Diameter American Filters
- 35 Roots Blower

w Weightometers

s Samplers

--- Pyrite Concentrate

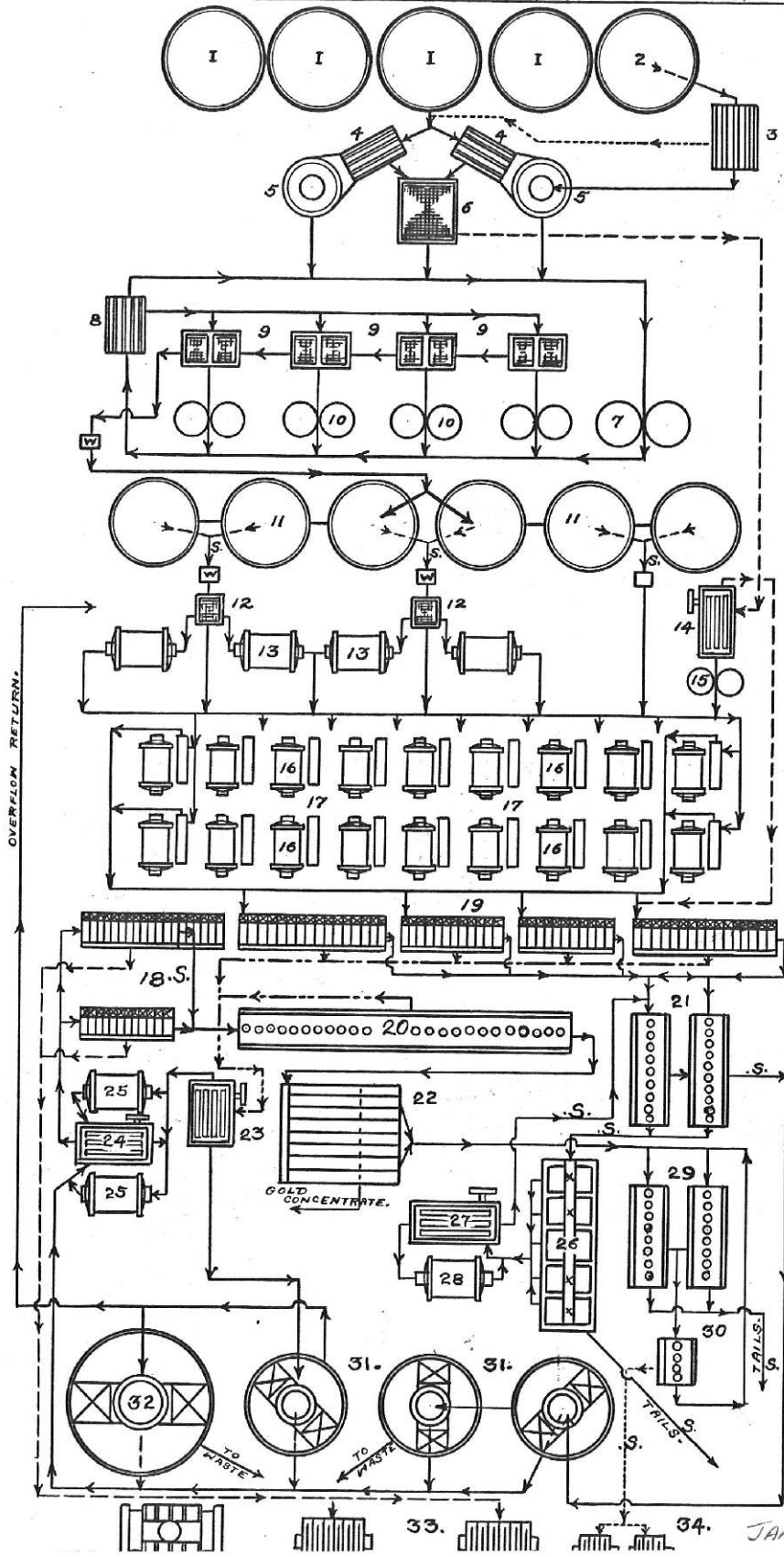
..... Copper Concentrate



Adapted from an original blueprint drawn on 1 January, 1929 (shown on next page)

BRITANNIA MINING AND SMELTING CO., LIMITED
FLOW SHEET OF NO. 3. BRITANNIA MILL.

-LEGEND-



- 1.. 500-TON COARSE ORE BINS.
 - 2.. 500-TON WET ORE BIN.
 - 3.. STAT'Y GRIZZLY.
 - 4.. STAT'Y GRIZZLY.
 - 5.. 7 1/2 K. GYRATORY CRUSHERS.
 - 6.. 4'X5' WASHING SCREENS.
 - 7.. 72"X20" TRAYLOR ROLLS.
 - 8.. OVERSIZE GRIZZLY.
 - 9.. HUMMER DRY SCREENS.
 - 10.. 54"X18" TRAYLOR ROLLS.
 - 11.. 600 TON FINE ORE BINS.
 - 12.. HUMMER DRY SCREENS.
 - 13.. 5'X11' BALL MILLS.
 - 14.. DRAG CLASSIFIER.
 - 15.. 4'X16" TRAYLOR ROLLS.
 - 16.. 5'X9' BALL MILLS.
 - 17.. DORR SIMPLEX CLASSIFIERS.
 - 18.. 14 CELL M.S. CLEANERS.
 - 19.. 14 AND 21 CELL M.S. ROUGHERS.
 - 20.. FORRESTER CLEANER.
 - 21.. TAILS RETREATMENT MACH.
 - 22.. SCAVENGING FORRESTER MACHINES.
 - 23.. BLANKET GOLD RECOVERY PLANT.
 - 24.. CONCENTRATE DRAG CLASSIFIER.
 - 25.. CONCENTRATE REGRINDING DRAG CLASSIFIER.
 - 26.. CONCENTRATE REGRINDING MILLS.
 - 27.. HYDRAULIC CLASSIFIER.
 - 28.. DRAG CLASSIFIER.
 - 29.. 6'X11' BALL MILLS.
 - 30.. FORRESTER PYRITE ROUGHERS.
 - 31.. FORRESTER PYRITE CLEANER.
 - 32.. 44'X14' DORR THICKENERS.
 - 33.. 60'X14' DORR THICKENER.
 - 34.. 6 LEAF 8' DIAMETER AMERICAN FILTERS.
 - 35.. 4 LEAF 6' DIAMETER AMERICAN FILTERS.
 - 36.. ROOTS BLOWER.
- W.. WEIGHTOMETERS.
 S.. SAMPLERS.
- PYRITE CONCENTRATE.
 -----COPPER CONCENTRATE.

JANUARY 1, 1929