

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

PORTER BROTHERS ELECTROSTATIC PLANT

Beach area

Owners: Porter Brothers

Location: Plant is at Bandon, Oregon, in International Cedar Co., buildings. Black sand holdings include the Pioneer and Eagle properties.

Personnel: Mr. ^{Galen} Vandell is manager; Mr. Packer is metallurgist; Mr. Larsen is driller. The Collins outfit from LaGrande, Oregon, originally backed the deal and a Mr. Johnson began the electrostatic work. Later, the Porter Brothers bought out. The equipment is Ritter products Co., electrostatic and magnetic stuff and they may have some tie-up at present.

Through the good services of Mr. Scheulin, the outfit secured the Pioneer and Eagle properties, and perhaps a small portion of the Lagoons. It appears that Dr. Gleeson has been doing some work for them, as well. Porter Brothers are drilling on their property to determine the tonnage and grade of black sands they will have available.

The flow sheet of the mill is described on the attached sheet. The point was stressed that this is a pilot mill, and full operation will be much larger. So far, it is planned only to make a chrome and a zircon concentrate. It appears that Porter Bros. plan to market the 40 percent chrome concentrate rather than the 20 percent concentrate to be shipped to the D.P.C plant at Coquille.

Marshall, who is directing the work at Cape Blanco has been dickering with the outfit for them to process his sands.

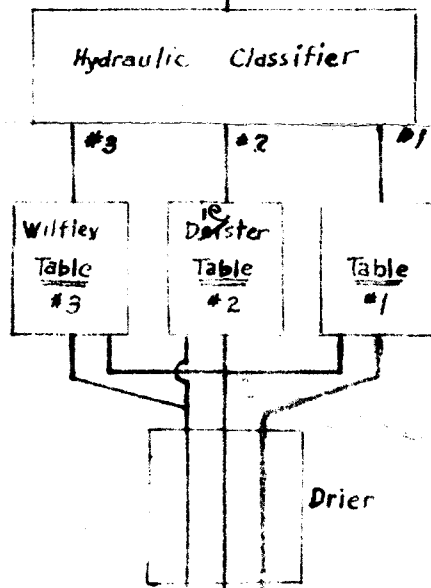
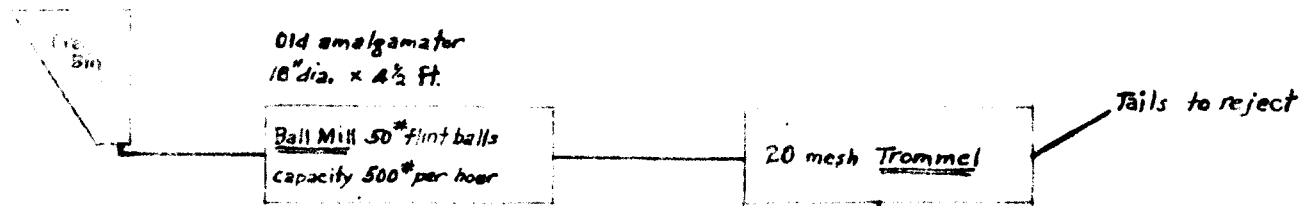
It is expected that the plant will be in operation within the next few days and by January it should be in full swing.

Ray C. Treasher,
Field Geologist,
December 4th, 1942.

The visit was made with
F. G. Wells
Allan Griggs.

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DEC 5 1942

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PORTER BROS.
ELECTROSTATIC PLANT
 Pilot Mill at
 Bandon, Oreg.
 Data supplied to Wells & Treasher
 Dec. 2, 1942
 sketch by R.C.T.

