

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

CONFIDENTIAL

Statsman Manganese

Statsman is a black-sand expert and has devised a method of separating the various components of the black sands. He is willing and ready to show his flow sheet and demonstrate his process. Further, he believes that he has a method of concentrating low-grade manganese ore, or for that matter, almost any kind of ore.

The particular outcrop visited would constitute a very low-grade manganese ore body, which he believe will run 4 percent manganese. His proposition is to quarry the outcrop, process the whole works, and sell the product. He seems to have some sort of idea that power is very, very cheap, and that it is economic to treat 4 percent ore in a furnace and produce a ferro-manganese direct without any concentration. I felt that the situation did not justify my taking a channel sample across 75 feet to prove how low-grade his ore body is, but I suggested that he do it (and gave explicit instructions) and send the sample to the lab for analysis. I think it should be analyzed to prove the exceptionally low grade character of the deposit.

IF the deposit were workable, it would be a matter of a bulldozer road of $\frac{1}{4}$ mile, easy grade, etc., from the present gravelled road. Then it would be two miles to Highway 101, at a point 3.3 miles north of Langlois Post office, and 29 miles by Highway 101 to railroad at Coquille.

Ray C. Treasher,
Field Geologist,
May 22nd, 1941.