

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

Report by: Randall E. Brown  
Date of visit: Jan. 23, 1942

Hardenbrook Chromite

Gold Beach District

Curry County

Owner: Homer E. Hardenbrook

Carpenterville, Oregon

Area: Deeded land

Location: One and a half miles northwest of Carpenterville store on the old stage road from California (county road) in the NE 1/4 of Sec. 3, T. 39 S., R. 14 W. Deposits adjoins the Carpenter chromite deposit on the north side. Property is bounded by county land on the north, east and west sides.

Deposit is 100 miles south of Coquille and 43 miles north of Crescent City, California.

History: During the last war the property was prospected for chromite, but no ledge was found.

Topography: Easily accessible, low relief, burned over land.

Development work: Consists of incidental shallow test pits exposing occasional boulders of chromite as float only.

Geology: In a serpentine area which includes a chert zone on the Hardenbrook property containing some high grade manganese. No chromite in place has been exposed. Stated that float has been found over "most" of the serpentine area but no ledge or lens has been found.

Economics: About five tons of float has been uncovered. Property is easily accessible on a good road and only 1.5 miles from U.S. Highway 101. A prospecting program is justified, preferably in conjunction with a prospecting program on the Carpenter chrome and the Hardenbrook Manganese deposits. A few days work with a bulldozer should go far toward proving the presence or absence of a chromite ledge.

Recommendations: It is recommended that the area be carefully prospected.

Informants: Homer E. Hardenbrook, J.A. Stankavich

A sample of float from the Hardenbrook prospect assayed: 40.1% Cr<sub>2</sub>O<sub>3</sub>  
11.2% Fe