

VALEN PROSPECT (chromite)

Waldo area

Owners: John Valen and George James, Holland, Oregon.

Location: $\frac{1}{4}$ mile west of Elder Creek, at the end of the first switchback on the Happy Camp road; in the $SE\frac{1}{4}$ of sec. 31, T. 40 S., R. 7 W. From the Happy Camp road on the north side of Elder Creek, the deposit lies across the small creek and about $\frac{1}{2}$ mile south up the hill at an elevation 200 feet higher than the road. It is 12 miles to the Redwood highway at Cave Junction, and thence 33 miles to Grants Pass.

Geology: The country rock is normal, dark green, partly serpentized peridotite-porphry, associated with greenstone which outcrops within 50 feet of the deposit. Due to the caved condition of the cuts and the broken character of the rock, the ore structures are hard to interpret, but the banded and disseminated ore in the largest northern cut (6 by 20 by 10 feet) appears in three sides of the cut, and seems to lie in a thin horizontal "blanket", probably only 1 to 2 feet thick. The banding in the ore itself strikes N. 30° to 50° E., and dips 55° to 65° east. In the southernmost of the three cuts, 40 feet away, the ore appears to strike N. 15° W. and dip 50° east, and is less than 2 feet thick.

Report by: John Eliot Allen, April 23, 1938.