

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

WALDISBERG CLAIMS

North Santiam District

Marion County

Owner: G. Waldisberg, 225 N.W. Couch, Portland, Oregon

Location: The Bonanza tunnel (formerly known as the Wolz) is in the N $\frac{1}{2}$ sec. 26, T. 8 S., R. 4 E., on the north side of the Little North Santiam River near the mouth of Cold Creek.

The Helvetia and Silver Star tunnels are along the U. S. Forest Service road in SE $\frac{1}{2}$ sec. 23, T. 8 S., R. 4 E. The tunnels are about 150 yards apart and across the road from the Waldisberg cabin. The Black Eagle tunnel is in the center of sec. 24, T. 8 S., R. 4 E., and just above the Forest Service road where it crosses Horn Creek. All of the tunnels are on claims held by mineral location.

Development: Both the Bonanza (Wolz) and Black Eagle have been reported on by Callaghan and Buddington¹. A small amount of work has since been at the Bonanza but nothing has been done at the Black Eagle since 1938.

Work on the Helvetia and Silver Star tunnels is as shown on the accompanying maps. The tunnels have followed narrow shear zones for the most part.

Geology: The country rock is predominantly a gray to greenish andesite, probably varying to dacite, with porphyritic varieties. Mineralization occurs along sheared and brecciated zones undoubtedly due to minor faulting. Considerable gouge is present and smooth slickensided surfaces are common. There seems to be a regional trend to joints and faults of N. 25°-30° W., with a high dip. Callaghan and Buddington (1938, p. 99) mention the occurrence of sphalerite, chalcopyrite, and pyrite disseminated in the brecciated zone in the Wolz (Bonanza) prospect. Drusy quartz with copper (malachite and chrysocolla) and manganese stain were found in the fault zone at the Bonanza. A sample across 18 inches of fault gouge near the face assayed: Au - trace, Ag - .6 oz., Cu - 2.50 percent, Zn - 2.0 percent.

At the Helvetia and Silver Star similar mineralization was noted. Some galena was found by Waldisberg in the Silver Star tunnel associated with chalcopyrite and pyrite. A discovery pit 75 feet above the Silver Star contained some specular hematite in the quartz vein material, and stilbite was noted in the cavities with small prismatic quartz crystals. Chalcocite(?), malachite, chalcopyrite, pyrite, and chrysocolla were also seen in minor amounts in this upper discovery pit. These minerals were found in a manganese stained shear zone with minor sulphides disseminated in the surrounding rock.

The Black Eagle was also visited; however, no additional work has been done since reported on by Callaghan and Buddington (1938, p. 89). A sample across 27 inches of gouge near the north end of the cross cut assayed: Au - .06 oz., Ag - 1.00 oz., Cu - trace, pb - .50 percent, Mn - .64 percent.

Visited by: L.R. and R.S.M., May 6-7, 1953.

Report by: L.R. and R.S.M., May 22, 1953.

¹Metalliferous mineral deposits of the Cascade Range in Oregon: U. S. Geol. Survey Bull. 893, 1938.

Baker

SAMPLE INFORMATION REQUESTED

Grants Pass

The law passed by the Legislature, governing the free assaying and analyzing of samples sent to the State Assay Laboratories, provides that certain information be furnished the Laboratory regarding samples sent for assay, etc. A copy of this law will be found on the back of this blank. Please read the law carefully. Will you please fill in the information called for on the following blank, as far as possible and return the same to the nearest State Assay Laboratory along with your sample? If you have made out a blank, this copy is for your future use. Keep a copy of the information on each sample for your own reference.

Your name in full . . . G. Waldisberg

Postoffice address . . . 134 NW 2nd . . . Portland

Are you a citizen of Oregon? Yes . . . Date on which sample is sent . 10/29/46 . . .

Name (or names) of owners of the property . . . U. S. Nat'l Forest

Name of particular claim and date of location . Unlocated

Location of property or source of sample (describe as accurately as possible below):

(1) County . . . Marion (2) Mining district ^{NORTH SANTIAM} ~~Little N. Fork~~

(3) Township 8.S. (4) Range 4 E. (5) Section 23. (6) Quarter Section.

How far from passable road? . . . On road

For what minerals or elements do you wish the sample analyzed? Cu, Au, Ag.

(Unless other minerals or elements are specifically named this sample will be assayed for gold and silver only.)

Type of sampling: Channel (length) Grab. . . . Pipe.

Report mailed Called for.

IMPORTANT: A sample, to be of value, should be taken in an even channel across the vein from wall to wall. Its position in the workings should be marked and the width measured. Assays of unlocated samples, without widths, are of little value; they create little interest in the minds of experienced investors and engineers.

(signed) . . . G. Waldisberg

DO NOT WRITE BELOW THIS LINE--FOR OFFICE USE ONLY--USE OTHER SIDE IF DESIRED

Description _____

Sample Number	GOLD		SILVER		MERCURY	Copper	Total
	oz./ T	Value	oz./ T	Value	lbs./ T	Percent	
P-5399	0.03	\$1.05	5.10	\$4.62		11.68% \$33.05	\$38.72

Report issued(

) Card filed(