

# State Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

*Marion Co.*

## MINERAL HARBOUR GROUP (Gold, silver, copper, zinc)

North Santiam

Owner: Amcol Mining & Milling Company

Location: Mostly in secs. 29 and 32, T. 8 S., R. 5 E., but extending into secs. 30 and 31, on the south side of the Little North Santiam River, around the drainage basin of Stony Creek. The trail to the cabin leaves the Little North Santiam road  $1\frac{1}{2}$  miles east of the mouth of Gold Creek.

Area: 30 claims.

Development: A caved tunnel on the Black Prince claim is located on a small creek west of Stony Creek, about 550 feet above the river. It runs S.  $40^{\circ}$  E. about 30 feet to the cave. A tunnel on the King No. 4 claim is located  $\frac{1}{2}$  mile to the southeast on the east side of Stony Creek, about 200 feet higher in elevation, and runs S.  $40^{\circ}$ - $70^{\circ}$  E. for about 45 feet.

Geology: The country rock is spotted hornfels, or andesite modified by contact metamorphism. The Black Prince tunnel exposes a band of cherty quartz and sericite 10 feet wide, with quartz veinlets containing specularite, chalcopryrite, sphalerite, and a little galena. A 7-foot sample on the west side of the tunnel (No. 1) and a 5-foot sample on the east side of the tunnel (No. 2) assayed by the Department as follows:

	<u>Au (oz.)</u>	<u>Ag (oz.)</u>	<u>Zn-%</u>	<u>Cu-%</u>
No. 1	.01	Trace	0.8	0.0
No. 2	Trace	0.0	0.8	0.2

A massive quartz vein containing chalcopryrite and pyrite exposed in the tunnel on the King No. 4 claim strikes N.  $80^{\circ}$  W. and dips  $80^{\circ}$  S. A channel sample across a width of 10 inches assayed by the Department gave 6.5 percent Zn and 0.2 percent Cu.

Report by: J.E.A., 1941.

Reference: Callaghan and Buddington, 1938:94.