

BADGER MINE

GREENHORN
MT. REGION
SUSANVILLE
DISTRICT

Quartz Mines and Prospects.—The quartz prospects and mines of the Susanville district are confined to a belt extending northeast from the old town of Susanville, now called Galena. This belt is less than 2 miles wide and less than 4 miles long. It has a great many prospects and mines. They are in slate, serpentine and porphyry, and a few are in greenstone. Most of the veins strike in an E.-W. direction, but most of those in the serpentine are N.-S. ledges.

On the south side of Elk creek is the most important property of the district. The *Badger mine* is owned by the same interest that controls the Bunker Hill and Sullivan mine, in the Couer d'Alenes. This vein was discovered in the late 60's, and in the early 70's free gold was extracted in an arrastre from the decomposed croppings, which yielded about \$25 per ton. Later on a 10-stamp mill, with concentrators, was built, but there was not a high percentage of extraction. The mine was closed down in 1906 because of litigation with the Stockton Mining company. This litigation continued until 1914, when it was reported to have been settled. It was another one of those troublesome apex suits.

The country rock is slate, some of it so siliceous that it might be called quartzite. The vein strikes a little north of east and dips

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(2)

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60° to 70° south. The shaft is down 900 feet below the collar of the shaft and 400 feet below a 1,600-foot crosscut driven from Elk creek. It is said that the principal ore shoot is 190 feet long and from 1 to 20 feet wide, with 10 feet of a massive irregular mixture of pyrite, arsenopyrite, zinc blende, galena, chalcopyrite, and tetrahedrite containing high values in silver and gold. It is also stated that both sorting and milling were practiced. Sorted ore was kept above \$150 per ton. It is also said that the ore has been only partially stoped between the fifth and seventh levels, and has not been touched between the seventh and ninth.

The prospects on the same side of the creek as the Badger mine are the *Stockton*, *Ophir* and *Mayflower*. These properties which have had considerable prospecting done upon them, apparently have not found a sufficient amount of ore to encourage them to proceed with more extensive development.

On the northern side of Elk creek, a little farther up than the Badger, is the Homestake Mining company, which has a N.-S. vein in serpentine in which a shoot 4 feet wide and 300 feet long contains \$8 free gold near the surface. Zinc-iron sulphides are found but a short distance below the surface.

Badger Group

Gold

<u>NAME</u>			<u>OLD NAMES</u>	<u>PRINCIPAL ORE</u>	<u>MINOR MINERALS</u>
10 S	33 E	8			
T	R	S			
Grant			COUNTY	<u>PUBLISHED REFERENCES</u>	
Susanville			AREA	Dugami 14-B:133	
about 3500			ELEVATION	Gilluly, Reid & Parks 33:133	
ROAD OR HIGHWAY				Lindgren 10:706	
about 27 mi. Austin			DISTANCE TO SHIPPING POINT	Swartley 14:170	
				Parks & Swartley 16:19	

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) Bradley Mining Co. Address San Francisco, Calif.

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OPERATOR

Name of claims	Area	Pat.	Unpat.
Steamboat		x	
King of the Hills		x	
Hughes		x	
Bear		x	

Name of claims	Area	Pat.	Unpat.
Badger		x	
Bishop		x	
Great Eastern		x	

EQUIPMENT ON PROPERTY

REPORTS

Report on Badger Group including reports on Homestake and Golden Gate
Groups also - by Bradley Oct. 15, 1938 and Hershey May 26, 1908

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SHIPMENT AND ASSAY RECORDS

MAPS

Claim map by C. M. Foster, 1900

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Claim map of Badger No. 2 and conflicting claims I. I. Hoffman 1900

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See also Elk Creek Placer & Quartz mines by C. M. Foster

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