

NAME OF PROPERTY GRANDVIEW (SURPRISE) (HATCH)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 2,000. Lat. 54°36'30" Long. 127°40'

Mining Division	Omineca	District	Range 5 Coast
County		Township or Parish	
Lot		Concession or Range	
Sec	Tp.	R.	

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Map 69-1 indicates the area is underlain by Lower Jurassic and (?) Middle Jurassic red, purple, grey, and green andesitic to rhyolitic tuffs, breccias, and flows. On the New York claim 3 roughly parallel quartz veins strike east-west and are 700 to 800 feet apart. The main vein varies from 1 to 3 feet in width, outcrops along the hillside for several hundred feet, and dips northerly into the hillside at about 33 degrees. The mineralization, which includes galena, arsenopyrite, tetrahedrite, chalcopyrite, and small amounts of native silver, occurs as a rule in a pay-streak a few inches wide on the footwall side of the vein. A sample across 2 feet near the top of the incline assayed: gold, 0.16 ounce and silver 24 ounces per ton; lead, trace; copper, 0.3%. The lower quartz vein, 2 to 4 feet in width, in places carries bands of galena and arsenopyrite. A sample across a 3 foot width of the vein assayed: gold, trace; silver, 12 ounces per ton; lead, 12%. A sample across a 3 foot width which showed a little arsenopyrite assayed: gold, 0.22 ounce and silver 10.5 ounces per ton.

On the Morning Star claim a quartz vein 6 inches to 2 feet in width is well mineralized in places. From the 12 foot shaft, 28 sacks of hand sorted ore were recovered. A grab sample of this ore assayed: gold, 0.42 ounce and silver 322.6 ounces per ton; lead 26%; copper, 12%.

Associated minerals or products of value - Gold, lead, copper.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at about the 5,700 foot elevation on the north side of Milk Creek, 23 miles southwest of Smithers.

A number of claims were staked in this vicinity in about 1911 by Messrs. Hatch, Hoops, Dunlevy, and associates. Annual assessment work was carried out until about 1914.

In 1920 the showings were held as the Surprise group, comprising the Morning Star, New York, Surprise, and Maple Leaf claims, owned by Sam Bush and Louis Schorn. Development work included open cuts and a 45 foot inclined shaft on the New York claim, and open cuts and a 12 foot shaft on the Morning Star claim.

By 1929 the showings had been restaked as the Grandview group, owned by T. Riley and associates. Annual assessment work was reported into 1931.

R.C. Mutch, of Prince Rupert, staked 12 claims on these showings in the early 1950's. No work was reported.

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HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1911, p. 116;  
 1914, p. 229; 1920, p. 91; 1929, p. 170; 1931, p. 74.  
 Western Miner, February 1952, p. 46.

MAP REFERENCES

Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.

Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles, Paper 44-23, Geol. Surv. of Canada.

#Sketch Map, Hazelton District, Sc. 1":4.5 miles - accomp. Report of Minister of Mines, 1911, British Columbia Dept. of Mines.

\*Map 93 L/12, Milk Creek, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						