

801427

1928 A MR

from the centre of the vein, including a few inches of heavy sulphide, assayed: Gold, 0.54 oz. to the ton; silver, 4 oz. to the ton; copper, 0.5 per cent. These values are decidedly encouraging and warrant further prospecting of this zone.

LUCKY SEVEN.**LAKELSE SECTION.**

This group of two claims—A and B—is a relocation of the best showings on the old *Beaver* group, originally known as the *Lucky Seven* group. It is owned by Verner Roy, of Terrace. The trail leaves the Lakelse wagon-road a little beyond the 7-Mile post and leads to a small cabin at about 3,550 feet elevation, or about 2,600 feet above the road. A branch trail to a lower group of showings takes off from the main trail to the right at about 2,750 feet elevation.

For convenience in description, the showings and workings may be divided into two groups—an upper group, or the old *Beaver* showings, and a lower group. The upper showings consist of a flat quartz vein in diorite, about 150 feet above the cabin, and a second narrow vein which outcrops in the bed of the small creek which flows by the cabin. The first of these is said to have produced \$3,900 and \$700 in gold from two small pockets which had been uncovered in a big open-cut. Nothing can be seen in the cut now, as many tons of material have been carried into it from the hanging-wall. A tunnel below the cut is also caved, but a more recent tunnel driven from the creek-bed is open and may be examined. It is about 15 feet long and exposes about 1 foot of quartz in the face. The vein is quite flat in the tunnel, but dips at a small angle on the surface. A sample from the face of the tunnel assayed traces in gold and silver.

The vein outcropping in the creek flowing by the cabin has been prospected by tunnels at 3,250 and 3,150 feet elevation and may be followed for some little distance above and below the tunnels. This vein, or rather series of lenses, consists of quartz, galena, and grey copper in a north-easterly-striking shear-zone, but the lenses are narrow and the sulphide content low. Silver values are said to be quite good in places.

The lower group of showings are in the next creek-bed south, between 2,750 and 2,900 feet elevation. They are found most easily by following the branch trail referred to in the first paragraph. On the surface at the end of the trail are a number of old surface cuts, now filled in, and two tunnels. The upper and older tunnel is about 70 feet long and crosses the shear-zone a short distance from the portal. About 25 feet lower is a second tunnel, about 45 feet long, driven about two years ago, when the property was under option to O. P. Brown. A drift from the face of the tunnel follows a very narrow vein for a short distance. Open-cuts along the strike of the vein farther up the creek to an elevation of 2,900 feet expose a quartz vein from 3 to 6 feet wide, sparsely mineralized with pyrite and containing an occasional bunch of galena. Above 2,900 feet elevation the overburden is too thick to permit surface-trenching. A sample over 38 inches at 2,850 feet elevation assayed: Gold, \$4.40 to the ton; silver, 2 oz. to the ton. The vein is in quartz diorite and strikes N. 30° E. (mag.), dipping at a moderate angle to the south-east.

The values obtained from the sample would warrant further work being done on this vein, and the sample was from an average section of the vein and gave values of about \$5.50 in gold and silver.

Blueside
Star. This mineral claim is owned by Verner Roy, of Terrace, and was formerly known as the *Golden Nib* claim. It is situated on the lower slopes of Thornhill mountain, about 7 miles from Terrace. The lower terminal of a short "jig-back" tram is a few hundred feet north of the Terrace-Lakelse road and the upper terminal is at the showings, about 350 feet above the road. This was put up two years ago when the property was being worked under bond by O. P. Brown. In 1926 30 tons of ore was shipped to the smelter as from the *Golden Nib* and since then the property has been idle.

The showing consists of a short lens of gold ore in what appears to be a greenstone inclusion within a diorite phase of the Coast Range batholith. A lower tunnel, about 100 feet long, picked up stringers of quartz within about 20 feet from the portal. These widened and were joined by other stringers, until at the face there is about 12 feet of quartz. A 25-foot crosscut driven to the left at 5 feet from the face is in quartz and diorite for the first 5 feet and in barren diorite for the remaining distance. A 5-foot sample from the face of the drift assayed but a trace in gold and silver.

About 25 feet vertically and 100 feet horizontally above this tunnel is another tunnel with a small open stope above it. It would seem that the vein consisted of a number of quartz and sul-

phide lenses in a sheared greenstone. Pyrite seems to have been the principal sulphide, although chalcopyrite is conspicuous in some lenses. Thirty tons of ore shipped from this working in 1926 gave net returns of: Gold, 1.6 oz. to the ton; silver, 1.4 oz. to the ton; copper, 1.1 per cent.

Quartz can be found in the creek for 75 to 100 feet beyond the end of the upper tunnel. The lower tunnel was not driven far enough to reach the ore-shoot.