

W.A. No.

NAME Geol Rpt-

SUBJECT

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82FNE058

Rome Valley

(Jac)

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PROPERTY FILE

001890

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82F19E-58

Report by H. Sargent
1936

"Jac"

No. 8

Rome Creek and Valley Creek Groups, Fort Steele Mining Division. L 49-115

Thirteen claims were located in 1936 to cover ground lying some distance south of Perry creek between Rome and Valley creeks, and an additional nine claims were staked on Perry creek. The claims were staked for a group of Cranbrook men of whom J. E. Huchcroft was in charge of work done. Rome creek, at the south-western end of the ground, is a small stream, Valley creek at the north-eastern end occupies a much larger valley. Most of the workings, which consist of surface cuts, are situated on an upland surface sloping gently to the north-west, below which there is a much steeper slope to Perry creek. Some cuts are situated at the north-east end where the slope is steep to Valley creek. The country is covered principally with lodge pole pine.

Rock outcrops are not plentiful and consist chiefly of argillaceous quartzite with some thin-bedded argillite which in general weather to a light cream or grey colour. The area is mapped as underlain by rocks of the Creston formation. The bedding-planes strike from 15 to 45 degrees east of north, and dip at 45 degrees to 65 degrees to the south-east. The workings expose quartz at numerous points, over a distance of 3,300 feet along the general strike of north 30 degrees east. The writer also visited another cut exposing quartz 450 feet to the north-west and it was reported that there were other quartz showings. The work done was insufficient to show the true nature or extent of the occurrence. I should not care to say whether or not the quartz lenses in the several cuts and exposures in the 3,300 foot length are all in the same shear zone. In general the quartz appears to conform to the bedding of the enclosing rock, it varies in width up to 6 feet with additional quartz as smaller lenses in the wall-rock at some points. In general the quartz shows little evidence of sulphide mineralisation, though at some points it is rusty or is honey-combed and at some points a little fine-grained pyrite was observed.

PROPERTY FILE

When visited in October the property was most easily reached by steep trail up Home creek, from a point on the Perry creek road at about 4,000 feet elevation, 24.5 miles from Cranbrook. In 1.25 miles south-easterly from Perry creek the trail climbs to 5,600 feet elevation on the gently sloping upland, thence an obscure trail leads southerly to some open-cuts, and a well-marked trail on an almost level grade heads north 35 degrees east to an old cabin, a distance of 0.4 miles, beyond which the trail continues, dropping somewhat on the slope to Valley creek. The cabin is old and there are several old cuts or trenches, some of which were cleaned out in 1936.

The most southerly cut exposes 4 feet of quartz, the relationship of which to the argillaceous quartzite is not clearly shown. The beds strike north 25 degrees east and dip easterly at 35 degrees. An indistinct trail runs north from the cut, joining the main trail where it turns north-easterly along the gently sloping upland. At the junction is a cut incompletely exposing a little quartz. About 1,200 feet along the trail at north 30 degrees east, is a cut west of the trail, while 500 feet farther quartz outcrops 50 feet east of the trail. About 4 feet of quartz, somewhat rusty and honey-combed, shows a little pyrite along the hanging-wall. Apparently the hanging-wall conforms with the bedding, striking north 15 degrees east and dipping 45 degrees to the east. There is a cut east of the trail 100 feet farther. Beyond this a further 250 feet at north 30 degrees east, is a cut 20 feet long exposing quartz over a width of 15 feet. Neither wall is well exposed, the hanging-wall appears to strike north 40 degrees east and to dip 65 degrees to the south-east. The old cabin is about 75 feet farther, approximately at 5,700 feet elevation. Beyond the cabin 50 feet is a cut exposing 3 feet of quartz with the foot-wall not exposed and 150 feet farther another cut exposes 5 feet of quartz. Here the creamy-coloured argillaceous quartzite of the hanging-wall strikes north 20 degrees east and dips 45 degrees to the east.

The next cut is a further 100 feet northerly, here the ground is quite disturbed. Of the 6 feet of quartz exposed, 1.5 feet at the hanging-wall, consisting of fresh looking quartz, assayed,- Gold, trace; silver, 0.6 oz. per ton; while the 4.5 feet adjoining assayed,- Gold, nil; silver, nil. There are two old cuts about 500 feet farther, on ground sloping toward Valley creek, and approximately 1,000 feet northerly from the cabin, at 5,350 feet elevation is an exposure of quartz 6 feet wide. The relationship with the wall-rocks is not evident. On the west side is a slip or wall, striking north 30 degrees east standing vertically. The eastern margin was not exposed. Channel samples cut across this exposure of slightly rusty quartz assayed,- Gold, trace; silver, trace.

About 500 feet from the cabin at north 60 degrees west is a cut down 7 feet with an incline down a further 5 feet at the eastern end. The cut exposes quartz lenses across a width of 11 feet, in sheared creamy argillaceous quartzite which strikes north 45 degrees east and dips 50 degrees to the south-east. A sample across 1.7 feet of quartz and sheared wall-rock at the hanging-wall assayed,- Gold, nil; silver, nil; next to this 2.5 feet, largely of quartz, assayed,- Gold, nil; silver, nil; while in the next 3.5 feet, largely shattered quartz, showing some rust, assayed,- Gold, trace; silver, 0.4 oz. per ton. Southerly from this cut are two old cuts which had not been cleaned out.