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**Prospecting Report
DB Property**

**Negro Creek
Nelson Mining District**

**BC Geological Survey
Assessment Report
29716**

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NTS 82F .050

**Operator:
Kootenay Gold Inc.**

**Owner:
Darlene Lavoie**

Work Performed Summer of 2007

Report Written By Eric Holm, Prospector

January 2008

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

29,716

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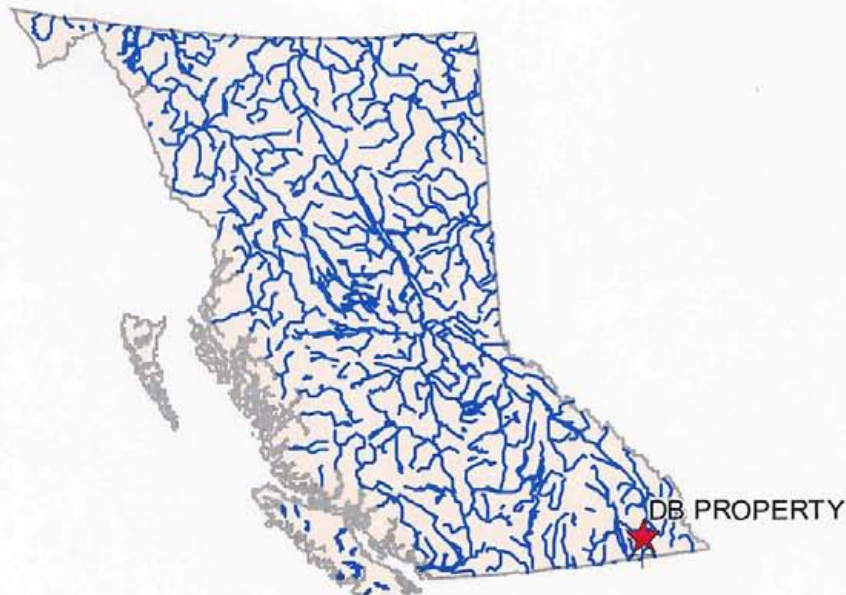
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1.0 Introduction

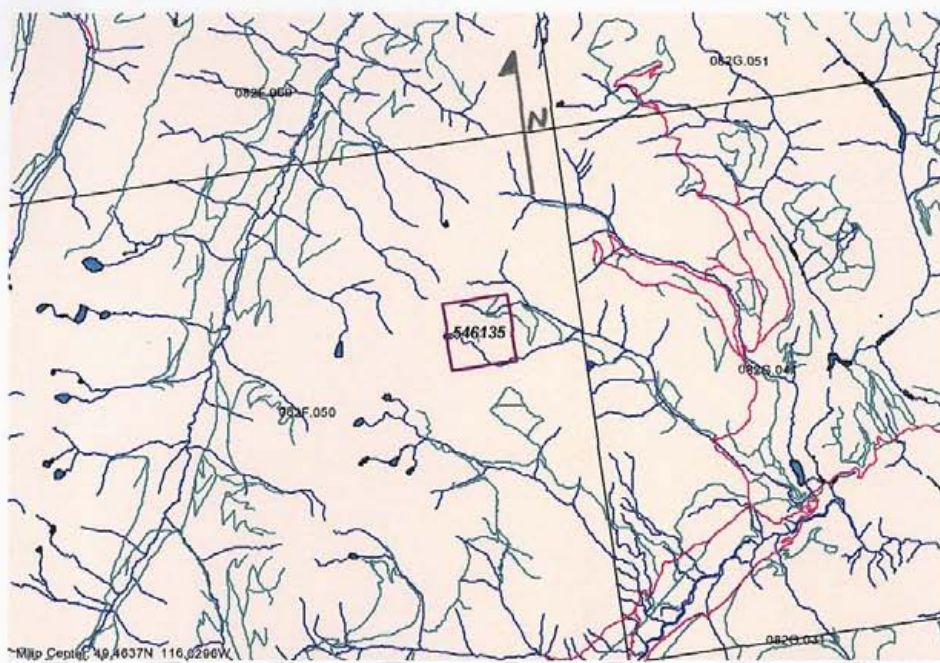
The DB was staked to cover a known gold bearing iron-oxide breccia. The mineralized system is known to be part of a NE striking trend of shearing and alteration parallel to the Old Baldy Fault. The DB claims were staked in an area of historic placer production. The area has been, and is of, interest to people who search for the lode source of the Moyie placer deposits. The only current lode gold resource in the district is at the David property west of the DB, but along the same structural trend. There shear zones host significant mineralization. The iron-oxide breccias on the DB could stand further grassroots style exploration - prospecting, soil sampling, and geology could provide positive results.

2.0 Property

The property is comprised of nine cells at the headwaters of Negro creek and is wholly owned by Darlene Lavoie. The tenure number is 546135.



Regional property location



Property location at 1:100,000

3.0 Access

The property is accessed by good logging roads from Highway 3/95 south of Cranbrook, B.C., up the Moyie River in the Negro Creek and Wuho Creek drainages.

4.0 Physiography

Topography in the area is normally gentle, however, some moderately steep and cliffy sections do exist. Elevation on the property ranges from 1900 meters to just over 2200 meters. Forest cover is comprised of spruce and balsam with alder and huckleberry bushes though extensive logging exists on the property.

5.0 Geology

The DB is underlain by mid-Proterozoic clastic Aldridge and Creston formations. The Aldridge is comprised of quartzites, wackes, and siltstone interpreted to be part of a turbidite rift-fill sequence with the upper divisible unit being predominantly rusty weathering argillites. The Creston formation, dominantly fine-grained siltstone, argillite and clean quartzite, is interpreted as a shallow marine depositional environment. The major structural feature in the area is the NE trending Old Baldy Fault, which offsets Creston in the NW and Aldridge in the SE. The Old Baldy Fault system is known to host gold within parallel shear zones to the west at the David prospect. The region is cored by the Moyie anticline, a broad northerly plunging fold structure. Intrusions in the area include the Moyie sill and dyke complex that are interpreted as being injected into wet Aldridge sediments. Later intrusive activity is recorded by granitic intrusions of

Cretaceous age, syenite dykes adjacent to the property are thought to be part of this process.

6.0 Prospecting

One day was spent on the DB this year. The area is of interest because of the known presence of gold bearing iron-oxides. During the one day spent on the property an area of extensive shearing and alteration was examined in the upper Aldridge formation. The shearing had a NE trend and was exposed on a logging road and along skid trails in a cut block. The sediments have been phyllically altered with extensive carbonate, quartz and pyrite flooding. Some galena was found in pyrite and limonite quartz veins. The shearing was traced on strike in excess of 200 meters and appears to be part of a broad zone of cleavage with perhaps two or more well mineralized (with iron sulphides and quartz flooding) discrete structures.

7.0 Conclusions and Recommendations

The DB property appears to have similarities to other lode gold occurrences in the Moyie River drainage. The property lies east of the David prospect, a parallel splay of the Old Baldy Fault that hosts gold mineralization, and is along the same structural trend. Alteration and mineralization appears to be quite extensive at the DB and is hosted mainly within the Upper Aldridge formation.

It is recommended that additional time be spent prospecting the rest of the property with a focus on testing intersecting structures with rock geochemistry as well as defining any potential shear zones that outcrop on surface. Geological mapping in detail may be able to define possible structural intersections. A soil program in the known areas of mineralization, as well as at structural intersections could help to define possible trenching targets.

8.0 Statement of Costs

Craig Kennedy, Prospector	1 day @ \$500/day (includes vehicle rate)	\$500
Sean Kennedy, Prospector	1 day @ \$400/day	\$400
Mike Kennedy, Prospector	1 day @ \$500/day (includes vehicle rate)	\$500
Report (includes office expenses)		<u>\$400</u>
Total		\$1800

9.0 Statement of Qualifications

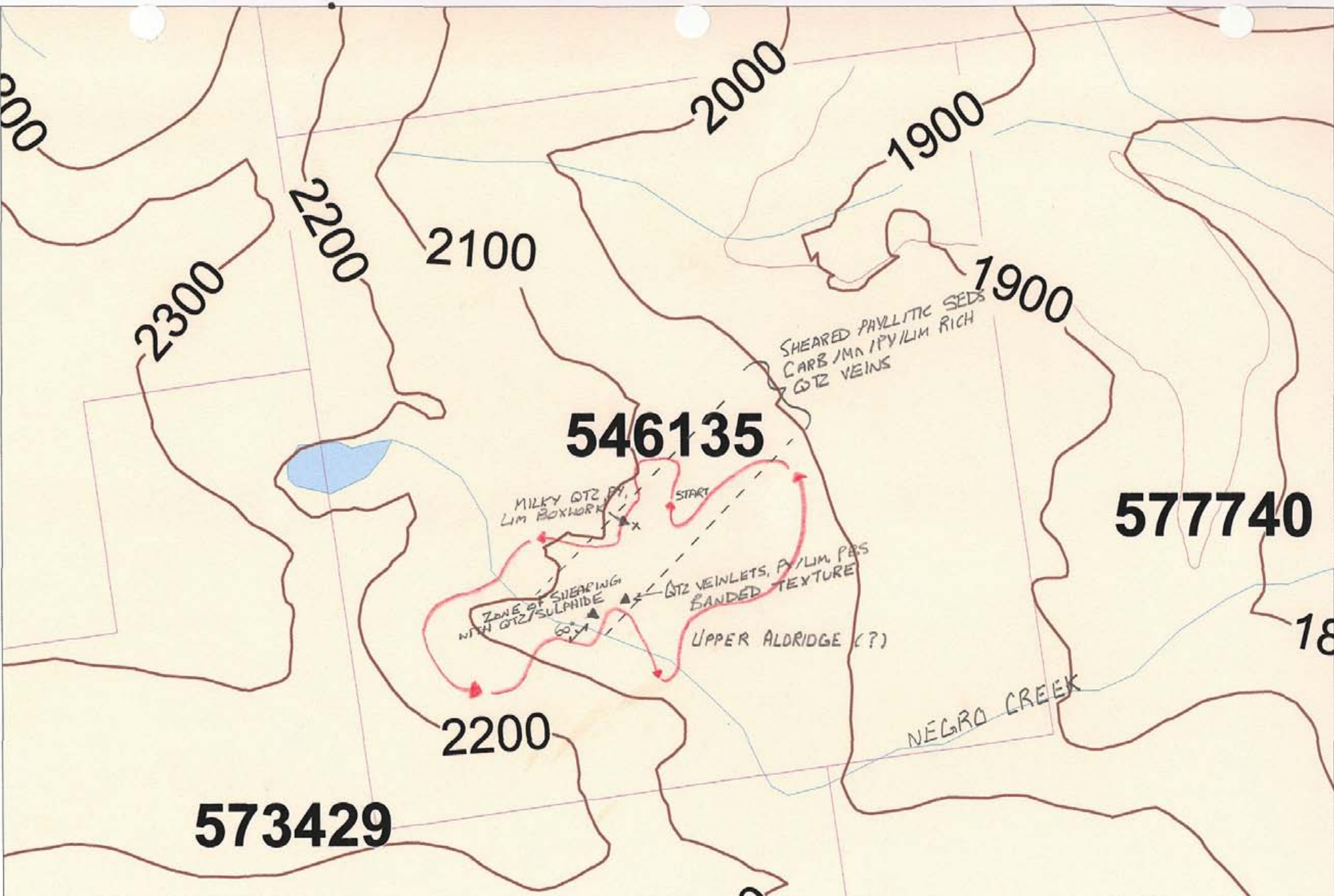
I, Eric Holm, certify that:

1. I am an independent prospector residing at 272 Kimbrook Crescent, Kimberley, BC.
2. I have been actively prospecting in the East Kootenay district of BC for the past 3 summers
3. I have been employed as a professional prospector by junior mineral exploration companies.
4. I own and maintain mineral claims in BC

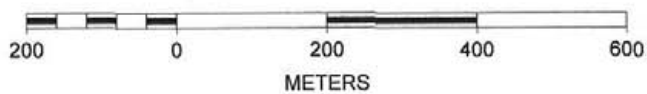
10.0 References

- Høy, Trygve. (1993) *Geology of the Purcell Supergroup In the Fernie West-Half Map Area, Southeastern British Columbia*. Province of British Columbia: Ministry of Energy Mines and Petroleum Resources. Mineral Resources Division: Geological Survey Branch. Victoria, BC.
- Klewchuck, Peter. (July 2006) Personal communication.

PROSPECTING MAP



SCALE 1 : 10,000



- TRVERSE ROUTE
- X FLOAT / SUBCROP
- ▲ OUTCROP

