

## NAME OF PROPERTY

NETTIE L GROUP  
(NETTIE L, AJAX & GYP FRACTION)

## LOCATION - Center of lots.

All working lie within a radius of 800 m.  
Lat. 50°41'17" Long. 117°26'55"

Mining Division Revelstoke

District Kootenay

County

Township or Parish

Lots 4954-4955-5691

Concession or Range

Sec.

Tp.

R.

## OWNER OR OPERATOR AND ADDRESS

Trout Lake Mines Ltd.

## DESCRIPTION OF DEPOSIT

This group is underlain by carbonaceous phyllites and black slates, interbedded with grey to white quartzites. Mineralization consists of iron and zinc sulfides with copper and lead and carrying values of gold and silver. The orebodies occur as scattered lenticular masses, giving a spotted character. On the surface, the sulphides have been oxidized, forming an iron cap. The minerals appear to have been deposited in schist by water circulating along a line of fissuring. The schist is silicified near the fissure.

There are three main orebodies - main lead, cross lead, and 'big quartz' vein. Most of the work was done on the main and cross leads. The main lead is a series of veins running N45°W and dipping about 80°SW as does the surrounding rocks. The veins of the cross lead cross those of main lead at varying angles. Some eventually turn almost parallel to the main and merge into it.

Post-mineralization faulting with large displacement has occurred in the plane of the main lead. Small dragfolds plunge

see Card 2 .....

Associated minerals or products of value-Zinc, silver, gold, copper, manganese.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The Nettie L Group is situated between the north and south forks of Lardeau Creek, about 1.5 miles northeast of the town of Ferguson. The group consists of the Nettie L and Ajax claims and the Gyp fraction, found on Lots 4954, 4955 and 5691, respectively.

In 1892, W.D. Pool located the Pool group which included the Ajax and Nettie L claims. He formed Great Western Mines, Limited Liability, himself being in charge of development work on these claims.

NETTIE L CLAIM:

Between 1898 and 1903, over 2,000 feet of underground work was done on the Nettie L claim. In 1902, an air compressor and a 60 h.p. boiler were installed. The following year, a mill was erected at Fivemile by the Silver Cup Mines, Limited (under the same management as Great Western Mines Limited), to treat ore from the Nettie L and Silver Cup Mines. By 1904, all the known orebodies were mined out, so the mine was shut down and remained idle until 1912, although the Ferguson Mines, Limited, took over the group in 1909. In 1912, the mine was leased to Daney and Co. who completed about 125 feet of sinking and drifting. In 1917, the mine was worked under lease by McLaren, White and Cameron. In 1930, Gold Prospects Limited took out interests in Nettie L and in 1936 the Security and Investment Corporation, Limited, made repairs to the roads and buildings. Ten years later, Cansil Consolidated Mines, Ltd., optioned the claim. The reopened old adits, surveyed, renewed and built trails, constructed bridges, rehabilitated the camp, set up a 220 cu. ft. compressor and did some diamond drilling.

AJAX CLAIM:

In 1898 this claim was stripped and several crosscuts were made on the surface. In 1901 about 300 feet of underground work was done. When the Ferguson Mines, Limited, took over in 1909, 4 levels were run and 3 crosscut tunnels were driven. During this year, old adits and drifts were repaired. The following year, about 100 feet of underground work was done. In 1914, the claim was leased. By 1950, when Trout Lake Mining, Limited, took over, there were five adits on this claim, but only three were accessible then.

GYP FRACTION:

This was originally known as the IXL Fraction and was stake on the western extension of the main lead from Nettie L. In see Card 2 .....

PRODUCT

LEAD

PROVINCE OR TERRITORY

British Columbia

N.T.S. AREA

82 K/11

REF. Pb 4

NAME OF PROPERTY

NETTIE L GROUP  
(NETTIE L, AJAX & GYP FRACTION)

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

LOCATION

Lat. Long.

Mining Division

District

County

Township or Parish

Lot

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

1905, Wm. N. Brayton received a Crown grant for this claim. In 1924, it was owned by W. White. The workings consisted of an adit tunnel. White and George McLaren did further work on the claim during the following year. In 1949, this fraction belonged to J. Main of Ferguson, who leased it to A.E. Petersen of Revelstoke. He made repairs and did some work in an old tunnel. A shaft was also sunk on this fraction.

A sample of fine grained ore from Gyp Fraction assayed 0.02 oz./ton Au, 23.5 oz./ton Ag, 26.7% Pb and 22.8% Zn. Zinc and galena in quartz gangue assayed 0.11 oz./ton Au; 13.9 oz./ton A 16.5% Pb and 33.4% Zn.

In 1950, Trout Lake Mining, Limited, took over the group and retimbered the old portals of the three mines. The following year, the levels of Nettie L were rehabilitated and 2,000 feet of diamond drilling was done in unstoped areas. Another adit was opened and some raising done. This company did no work on Ajax but enlarged the size of the workings on Gyp. They also drove an adit for another 40 feet and made two open-cuts. In 1952, control passed to the company's successor, Trout Lake Mines, Ltd.

DESCRIPTION OF DEPOSIT (continued)

25°NW and the major fold structure is an isoclinal anticline which is over turned to the southwest, with its axial plane dipping 60° NE and plunging about 25°NW. This anticline is displaced by two steep, northerly striking faults.

A fracture zone, on the smooth hanging wall of the main lead, composed of quartzose material, highly charged with iron oxide and carrying gold, silver, lead and copper, was found at the Nettie L mine.

At Ajax, an occurrence of earthy wad was found in the upper workings. An impure sample of this assayed 9.36% manganese.

*C.T. Exploranda Ltd. 501 113/51*

## HISTORY OF PRODUCTION

| Mine     | Years                  | Tons   | Au (oz.) | Ag (oz.) | Pb (lb.)  | Zn (lb.) |
|----------|------------------------|--------|----------|----------|-----------|----------|
| Jax      | 1912-1914<br>1899-1904 | 539    | 13       | 18,901   | 552,696   | -        |
| Lettie L | 1912-1922              | 12,820 | 781      | 459,253  | 1,309,868 | 28,239   |

There is no record of production for the Gyp fraction.

## MAP REFERENCES

- Map 235 A, Lardeau Area, (Geol.), (Topo.), Sc. 1":4 miles -  
Memoir 161, G.S.C.
- Sheet 82 K/NW (M1), Preliminary Mineral Inventory Map, Sc.  
1":2 miles - B.C. Dept. of Mines and Petroleum Resources.
- Map 853, Lardeau and Trout Lake Mineral Belts, Sc. 1":8 miles  
- Annual Report of 1903, G.S.C.

## REMARKS

Latitude and longitude measured Sheet 82 K/11, West Half,  
M.T.S. Map.

## REFERENCES

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