

NAME OF PROPERTY OLD ALAMEADA (ALAMEDA) (SWAKUM MTN)

OBJECT LOCATED - Mine symbol, Map 92 I/7.

UNCERTAINTY IN METRES 300. Lat. 50°17'35" Long. 120°41'15"

Mining Division Nicola District Kamloops

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

The property is underlain by Upper Triassic Nicola group lavas, tuffs, and conglomerate and minor intercalated limestone as bands or lenses. The main shaft was sunk on a quartz vein which is reported to be 2 feet wide, apparently strikes northerly and dips westerly. The vein material on the dump shows quartz with well-marked comb structure, well mineralized with pyrite, galena, sphalerite, and chalcopyrite.

At 110 feet north of the shaft an open-cut, now sloughed in, shows several narrow stringers of quartz that may represent the continuation of the vein in this direction. About 200 feet south of the shaft, a trench, partly caved, shows about 2 feet of quartz that may be the continuation of the vein in that direction. The quartz is almost barren of sulphides.

At the northwest corner of the Alameada No. 1 claim a mineral showing lies at the contact of limestone and greenstone, and forms a zone from 3 inches to 8 or 9 inches wide consisting of altered limestone with epidote and calcite, pyrrhotite, chalcopyrite, and a little sphalerite.

Associated minerals or products - Copper, lead, zinc.

see Card 2

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the summit of Swakum Mountain, 13 miles north-northeast of Merritt.

The Old Alameada and Old Alameada 1-9 (Crown-grant Lots 4501, 4503-4508, 4895 and 4896) were owned by O.A. Schmidt and F.F. Ragsdale from about 1918. Development work to 1925 had been done in a number of trenches, and in an inclined shaft stated to be 125 feet deep on a lead-zinc showing on the line between Old Alameada (Lot 4507) and Old Alameada No. 1 (Lot 4506). Drifts from the bottom of the shaft and from the 55 foot level total about 62 feet.

The Old Alameada and nearby Thelma property (92 I/7, AG 1) was acquired by Vancouver interests who incorporated Thelma Mines Limited in March 1927. Activity by the company continued into 1930. Sheffield Gold & Silver Mines, Limited acquired the property in 1934 but no work was reported. However, the workings as described by Cockfield (1948) include, in addition to the workings mentioned above, a vertical shaft on the Old Alameada No. 1 near its north boundary, shallow shafts and/or open cuts on Old Alameada Nos. 2 to 5, and open cuts and a shaft to 50 feet on Old Alameada No. 6.

Torwest Resources Ltd. in 1958 acquired an option from W. Taylor on Mineral Leases 3 & 4 covering the Old Alameada reverted Crown-grants. A self potential survey, trenching and diamond drilling was carried out during the year.

Zulco Explorations Ltd. held the Old Alameada (Mineral Lease M-24) and the nearby Old Complex group in 1969. An induced polarization survey was carried out.

Adar Resources Ltd. in 1972 acquired an option from Leland Olheisen of Vancouver on the Old Alameada (Mineral Leases M27 & M28) and the adjacent Last Chance property (92 I/7, W1). Work included magnetometer and electromagnetic surveys and shallow percussion drilling in 4 holes. Early in 1973 a hole was drilled to 310 feet on a copper anomaly near the western edge of the property. Brendon Resources Ltd. in June 1973 acquired from Adar an option in a 50% interest in the property. A geochemical survey and drilling was apparently confined to the adjacent Last Chance property. The option was abandoned in 1975.

HISTORY OF PRODUCTION

In 1926, 3 tons of ore were shipped from this property. From this ore 1 ounce of gold, 55 ounces of silver, and 640 pounds of lead were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia:
1924, p. 136; 1925, p. 183; 1927, p. 113;
1934, p. D 23; 1935, p. D 14; 1958, p. 28;
1959, p. 36 ++ .

Geology, Exploration and Mining; British Columbia Dept.
of Mines: 1969, p. 270; 1972, p. 180.

+Cockfield, W.E.; Geology and Mineral Deposits of Nicola
Map-Area; Memoir 249, pp. 59, 60, 62-64, Geol. Surv.
of Canada, 1948.

Mineral Policy Sector; Corporation Files: "Torwest
Resources Ltd."; "Adar Resources Ltd."; "Brendon
Resources Ltd.".

MAP REFERENCES

Map 886 A, Nicola, (Geol.), Sc. 1":4 miles - accomp.
Memoir 249.

Preliminary Map 44-20 A, Nicola, (Geol.), Sc. 1":2 miles,
Paper 44-20, Geol. Surv. of Canada.

Map 5212 G, Mamit Lake, (Aeromag.), Sc. 1":1 mile.

#Map 92 I/7, Mamit Lake, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	9-79						

BCI 92 I/SE - 94-100

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DESCRIPTION OF DEPOSIT (continued)

On Alameada No. 2 a mineralized zone consists of a vein and a number of stringers. The vein is from 6 inches to 2 feet wide and carries crushed and sheared country rock and a stringer of quartz ranging up to 2 inches wide. Much of the quartz has comb structure and open cavities, and carries a little pyrite, chalcopyrite and galena. The vein exposed in the shaft on Alameada No. 6 is 8 to 14 inches wide with strongly sheared greenstone and one or more stringers of quartz 1 to 6 inches wide making up the vein. The quartz carries pyrite and chalcopyrite, and gold telluride has been reported from this working. Parts of the vein show considerable sulphide minerals.