

NAME OF PROPERTY UTICA

OBJECT LOCATED - No. 4 adit.

UNCERTAINTY IN METRES 300. Lat. 49°58'30" Long. 117°07'30"

 Mining Division Slocan District Kootenay

 County Township or Parish

 Lot Concession or Range

 Sec Tp. R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

The property is underlain by Triassic argillite and limestone of the Slocan Series intruded by three small irregular stocks of medium-grained biotite granite and by a number of dykes, mainly of acidic composition. The argillite and limestone have been highly deformed and metamorphosed, much of the argillite being altered to andalusite schist. These beds strike roughly northwest and dip 25 to 60 degrees northeast but they are complexly folded. Two veins nearly parallel and 90 to 130 feet apart strike roughly N40°E and dip 60 to 70 degrees southeast. In the stoped areas of the upper levels the East vein varied in width from a few inches to 7 feet; the West vein varied in width from 3 to 20 feet. The veins comprise calcite, siderite and quartz in lenses, pockets and stringers cementing sheared and brecciated wall-rock. Metallic minerals in the veins are galena, sphalerite, arsenopyrite, pyrite, and chalcopryrite.

The Sol vein, located a few hundred feet northwest of #4 portal, is a highly oxidized shear 4 to 30 inches wide that see Card 2

Associated minerals or products - Gold, lead, zinc, copper, cadmium, antimony.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between elevations of 6,000 and 7,500 feet on the northeast side of Paddy Peak, 11 miles northwest of Kaslo.

The showings were discovered and staked in July 1892 by Patrick McCue. Development work during the following years was limited to the annual assessment requirements. In about 1899 a nine month option was acquired by Messrs. Peyton and Corbin, of Spokane. Development work to that date had been carried out in 3 adit levels. In about 1900 the property was optioned to G.H. Hughes, who drove No. 4 adit. Five claims, the Utica, Alice No. 5, Andrew Jay, Rock Boulder, and Colorado (Lots 4566, 4567, 5304, 5305 and 5308 respectively) were Crown-granted to McCue in 1903. The Sol, Sol No. 1, Minerva Fr., Hercules, and Time & Tide claims (Lots 14107-14111) were apparently Crown-granted at a later date.

No further activity was reported until 1909 when the first production was recorded. The property was acquired from the McCue estate by C.F. Caldwell & associates who incorporated Utica Mines, Limited in October 1911. Operations by the company continued into 1918. Production, mainly from the East vein, was hand sorted for shipment, the milling-grade material being stockpiled. During this period the workings on Nos. 3 and 4 levels had been expanded to a total of about 5,000 feet of crosscuts and drifts. The No. 7 level, 350 feet below No. 4, was driven as an exploratory crosscut for 2,000 feet in about 1917, however, the veins were not located. Lessees worked the property during the period 1919-23.

The owners reached an agreement with Major H.H. Armstead & associates on the formation of a new company in which Utica shareholders would receive shares in the new company. Accordingly, Utica Mines, Limited was wound up voluntarily in November 1923 and Canadian Mines Merger Company, Limited was incorporated in July 1924; the name was changed in December 1924 to Canadian Mines Merger, Limited. Exploration work resumed in the lower adit in search for the vein extensions on that level. About 1,000 feet of additional crosscutting was carried out before work was suspended in 1925.

Shareholder dissatisfaction with the former arrangement led to an agreement with Strobie, Forlong & associates under which a new company Utica Mines, Limited was incorporated see Card 2

PRODUCT

SILVER

PROVINCE OR
TERRITORY British Columbia

N.T.S. AREA 82 F/14

REF. AG 40

NAME OF PROPERTY

UTICA

DESCRIPTION OF DEPOSIT

conforms in strike and dip to the enclosing rock. The Andrew J vein, located about 1,500 feet southeast of No. 7 portal, strikes parallel to the mine vein but dips northwest. Vein width varies from 1 to 3 feet.

HISTORY OF EXPLORATION AND DEVELOPMENT

ated in May 1928. Exploration work was resumed and in 1929 the West vein was encountered in the lower crosscut, but was apparently only sparsely mineralized and work ceased. The company wound up voluntarily in March 1937.

Utica Mines (1937) Limited was incorporated by the former owners and some development work was carried out during the year, and briefly by a contractor during 1938. Further development work was carried out by the company in 1940 and 1946-50. The West vein was drifted on for about 850 feet. A raise from the East vein was completed to No. 4 level in 1947. This work encountered a mineralized zone on which No. 5 sublevel was driven. Some ore was shipped from No. 7 level dump in 1950.

J.A. Cooper of Kaslo held a lease on the property from the fall of 1954 until the fall of 1957 and sections of the East vein were mined on No. 5 and No. 7 levels. Cooper, backed by New York interests incorporated Lajo Mines Limited in June 1957 to acquire the property under a long term lease. A 50 ton-per-day mill was installed and operated on a testing basis in early 1958. The mill operated again in 1960, milling about 4,000 tons.

Standard Beryllium Corporation of New York obtained a controlling interest in Lajo Mines and carried out an extensive examination of the property early in 1961. A pilot run of 900 tons of dump and backfill material was put through the mill. The grade of the material was: silver, 7.7 ozs/ton; lead, 0.65%; zinc, 2.3%. During the fall 98 feet of drifting was done on the East vein on No. 5 level and 43 feet of winze was sunk below No. 7 level. On the surface some trenching was done on the West and Sol veins.

Peerless Canadian Explorations Limited optioned the mine and mill from Lajo in March 1963. Development work was done on No. 4 and No. 5 levels. Underground diamond drilling was done to test the East vein and surface diamond drilling in 5 holes totalling 700 feet was done on the Sol and Andrew J veins. The option was abandoned prior to April 1964.

Continental Consolidated Mines Ltd. optioned the property in 1965 and some geological work was reported. Silver Peak Mines Ltd. held an option on the property in 1968. Sampling and diamond drilling was reported.

p.t.o.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

Turismo Industries Ltd. in 1978 obtained an option on a 50% interest in the property. The company name was changed in July 1978 to General Energy Corp. By a further agreement of June 1979 with Martin & Lilly Ltd. and Lorede Resources Ltd. the company acquired a 30% interest in the mine dumps. The dumps were estimated to contain 10,000 tons at 7.5 oz/ton Ag. [VSE SMF 12/09/79, General Energy Corp.] Lessees under the name Keen Creek Developments Ltd. during 1979 mined about 1,500 tons on the 1,130 metre level on the Last Chance claim. A new adit at the 1,100 metre level was driven 66 m to the main shear; the lease was terminated. David Minerals during 1980 carried out diamond drilling on the 1,100 level, drifting to a new vein discovery, and raising to the 1,130 level. The milling of 5,915 tons of dump ore at the Ainsworth mill to May 15, 1981 proved unprofitable.

HISTORY OF PRODUCTION

From 1909 to 1964 inclusive 13,556 tons of ore were milled or shipped from this property. From this ore 19 ounces of gold, 873,678 ounces of silver, 376 pounds of copper, 2,003,800 pounds of lead, 904,669 pounds of zinc, 2,255 pounds of cadmium, and 186 pounds of antimony were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia:
 1892, p. 531; 1894, p. 737; 1903, p. 241;
 1909, p. 106; 1910, p. 97; 1911, p. 131;
 1912, p. 148; 1913, p. 124; 1914, p. 286;
 1915, p. 119; 1916, p. 196; 1917, pp. 156, 186;
 1918, p. 160; 1919, p. 121; 1920, pp. 122, 144;
 1921, pp. 133, 169; 1922, p. 190; 1923, p. 210;
 1924, p. 189; 1925, p. 235; 1928, p. 304;
 1929, p. 319; 1930, p. 253; 1935, p. G 51;
 1937, p. E 54; 1938, p. E 43; 1940, p. 80; 1946,
 p. 157; 1947, p. 168; 1948, p. 141; 1949, p. 185;
 1950, p. 139; 1951, p. 39; 1953, p. 137; 1961,
 p. 75; 1963, p. 73; 1965, p. 189; 1968, p. 257.

+Cairnes, C.E.; Descriptions of Properties Slocan Mining Camp, British Columbia; Memoir 184, pp. 252-256, Geol. Surv. of Canada, 1935.

++Little, W.H.; Nelson Map-Area British Columbia: Memoir 308, p. 137, Geol. Surv. of Canada, 1960.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; Investigation No. MD 3235, 1957.

Mineral Policy Sector; Corporation Files: "Utica Mines, Limited"; "Peerless Canadian Explorations Limited"; "Lajo Mines Limited"; "Continental Consolidated Mines Ltd."; "General Energy Corp."

+++Riley, Christopher; Report on the Utica Mine, 5/03/65 - in TSE FS No. 897, 21/03/63, Peerless Canadian Explorations Limited.

MAP REFERENCES

#Map 272 A, Slocan, (Geol.), Sc. 1:48,000 - accomp. Memoir 173, Geol. Surv. of Canada.

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Memoir 308.

Map 8482 G, Slocan, (Aeromag.), Sc. 1":1 mile.

*Map 82 F/14, Slocan, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR	DMacR					
Date	9-79	02-82					