

NAME OF PROPERTY

TELKWA RIVER (AVELING)

OBJECT LOCATED - Betty seam workings.

UNCERTAINTY IN METRES 100. Lat. 54°39'20" Long. 127°10'18"

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The Telkwa coalfield comprises a relatively small area underlain by sediments which are considered to be part of the Bowser Group of Late Jurassic and Early Cretaceous age. This thin-bedded, lenticular, sedimentary series consists of inter-bedded mudstones, sandstones, and coal seams. These rocks are faulted, partially eroded, and to a considerable extent overlain by glacial material so that bedrock is not well exposed. Most of the beds dip at low to moderate angles to the northeast, but locally they diverge considerably from that attitude.

In the vicinity of the workings the Betty seam strikes N50°W (mag.) and dips about 14° northeast. The seam as exposed in the decline in 1941 showed the following section: coal, 2 ft.; hard shale, 1.5 inches; coal (blacksmith), 3.3 ft.; parting; coal 3.5 ft.; shale, 1.5 inches; coal, 3.66 ft.; shale, 8 inches; coal, 4 ft.

The Major seam where exposed showed a 3 and a 4 foot width of coal separated by an 8 inch bed of shale.

see Card 2

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the Telkwa River, 6 miles southwest of the village of Telkwa, and includes Lots 221, 230, and 237, each 1 square mile in area. The workings are on the north side of the river, on the Betty and Major seams, on Lot 230.

Prospecting of ground in this vicinity in 1904 was apparently carried out by The Skeena Development Syndicate, Limited, of London, England. Coal areas were reportedly held in 1905-06 under the name Kitimat Development Syndicate, and some stripping carried out.

The Bulkley and Telkwa Valley Coal Company, Limited, held the property in 1911 and put down several holes with a Keystone drill.

In the early 1920's the property was owned by a Major Aveling and associates, of England. A 5 year lease on the property was acquired in 1920 by J.M. Gillespie and J. Wilson. Mining operations began on the Betty seam by the end of the year and continued for 5 months during 1921 and until April 1922 when the mine closed.

The Skeena Development Syndicate, Limited, held Lots 221, 230, and 237 from about 1926, however, little development work was reported until 1934 when 2 adits were driven and the property readied for production. Due to transportation and marketing problems little further development work was done until 1938 when 120 tons of coal were shipped. In 1939 the property was held under the name Edgemont Development Syndicate and about 100 tons of coal were shipped.

In July 1940 the Aveling Coal Company, Limited, was incorporated to acquire the property. A single line aerial tram was built across the Telkwa River and production began from the Betty seam, where an adit was extended to 200 feet.

The property was taken over in November 1942 by interests who in January 1943 incorporated the Telkoal Company, Limited. During 1943 the slope entry on the Betty seam was extended to 420 feet. An adit driven on the Major seam intersected an old stream channel and that project was abandoned. A new bridge across the Telkwa river was completed in 1942 allowing for production on a larger scale. Diamond drilling was carried out in 1943 by the Emergency Coal Production Board of the Federal Government. The mine closed in September 1945 following the cancellation of coal orders by the Armed Forces.

see Card 2

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa

120222

HISTORY OF PRODUCTION

During the period 1921-1945 approximately 44,000 tons of coal were shipped from this property.

REFERENCES

Reports of Minister of Mines, British Columbia: 1904, p. 103; 1905, p. 122; 1906, p. 96; 1907, p. 80; 1911, p. 110; 1920, p. 92; 1921, pp. 103-105, 310; 1922, pp. 111, 317; 1923, p. 120; 1926, p. 161; 1934, p. G 31; 1936, p. G 43; 1937, p. G 32; 1938, p. G 35; 1939, p. 143; 1940, p. 127; 1941, p. 121; 1942, p. 124; 1943, p. 120; 1944, p. 126; 1945, p. 171.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 422; 1971, p. 497.

Report of the Royal Commission on Coal, Ottawa, 1946, pp. 47, 636.

Mineral Policy Sector; Corporation Files: "Aveling Coal Company, Limited".

MAP REFERENCES

Sketch Map of Aveling Coal property, Sc. 1": $\frac{1}{2}$ mile, Report of Minister of Mines, British Columbia, 1921, p. 104.

Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles, Paper 44-23, Geol. Surv. of Canada.

Map 5310 G, Telkwa, (Aeromag.), Sc. 1":1 mile.

Map 93 L/11 E, Telkwa, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						

PRODUCT

COAL

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA

93 L/11

Card 2 -
REF. COL 3

NAME OF PROPERTY

TELKWA RIVER (AVELING)

DESCRIPTION OF DEPOSIT (continued)

Mackay (1946), in the Report of the Royal Commission on Coal, classifies the Telkwa area coal as high-grade high-volatile "A" bituminous, having a calorific value of 13,160 B.T.U./ lb.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

Bulkley Valley Collieries, Limited, subsequently acquired the property. Forestburg Collieries Limited optioned the Bulkley Valley property in 1968. During 1969 exploratory rotary drilling was carried out on Lots 221 and 230. The option was terminated in March 1970. Bulkley Valley carried out further exploration on Lots 221 and 230 in 1971.

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