

PRODUCT	COAL	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	93 L/11	REF. COL 1
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NAME OF PROPERTY GOATHORN CREEK (DOCKRILL)

OBJECT LOCATED - No. 2 mine.
 UNCERTAINTY IN METRES 100. Lat. 54°37'25" Long. 127°08'20"
 Mining Division Omineca District Range 5 Coast
 County Township or Parish
 Lot Concession or Range
 Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS
 Bulkley Valley Collieries, Limited.

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 interbedded 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. A number of dykes intrude these rocks. Coal seams range up to 14 feet and possibly more in thickness. MacKay (1946) classifies the Telkwa field coal as high-grade high-volatile "A" bituminous, having a calorific value of 13,160 B.T.U. per pound.
 A sample taken by Leach, 1906, from a 14 foot seam gave the following analysis: moisture; 6.6%; volatile combustible matter, 29.0%; fixed carbon, 56.9%; ash, 7.5%.
 MacKay (1946) for the Royal Commission on Coal estimated the probable recoverable coal in the Telkwa coal field at 2,240,000 tons.
 Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT
 The property is centered at about the 2,300 foot elevation on Goathorn (Goat) Creek, 6 miles southwest of Telkwa, and includes Lots 388-392 and 401, each 1 square mile in area. Production to 1970 has come from the No. 1 and No. 3 mines, on the east side of the creek on Lot 391, and from No. 2 and No. 4 mines, on the west side of the creek on Lot 401, and from strip mining on Lot 401.
 The Cassiar Coal Development Company, Limited, carried out open cutting and stripping operations on the property in 1905-06. Work was suspended in 1907 to await a decision on the location of the Grand Trunk Pacific Railway.
 The property was acquired by the British Columbia Coal and Land Company, Limited, which was incorporated in May 1918. In 1930 F.M. Dockrill obtained a lease on Lots 391 and 401, which provided for mining on a royalty basis. Production began late in the year in what was later to be designated the No. 1 mine. Operations were reported in 1931, 1934, and 1936. The company charter, British Columbia Coal, was surrendered in 1936.
 Mr. Dockrill and associates in March 1937 incorporated a private company, Bulkley Valley Collieries, Limited, to acquire Lots 388-392 and 401, and to carry out mining, reportedly on a royalty basis. The company apparently acquired ownership of the property at a later date. In June 1944 pillar extraction was completed and No. 1 mine abandoned. Development of No. 2 mine began in 1943. Also in that year drilling in 9 holes on the north part of Lot 401 was carried out by the Emergency Coal Production Board of the Federal Government. No. 2 mine was in production annually until abandoned in March 1954. Development of No. 3 mine began in 1950 and it produced until closed in March 1954. In October 1953 a strip mine was begun on Lot 401 on the west bank of the creek about 700 yards north of No. 2 mine. Strip mining was completed in March 1954 and an underground extension of the strip mine (No. 4 mine) was put into production. Production from No. 4 continued until March 1966. Strip mining was then carried out about 1,000 feet north of No. 4 mine.
 Luscar Sales Limited operated the property from August 1, 1967.
 Forestburg Collieries Limited optioned the property in 1968 and strip mining operations continued. Exploration see Card 2

ISTORY OF PRODUCTION

During the period 1930 to 1970 approximately 425,000 tons of coal were shipped from this property.

REFERENCES

- Black, J.M.; Report on Goat Creek Coal Area; Report of Minister of Mines, British Columbia, 1951, pp. 291-297.
- Leach, W.W.; The Telkwa Mining District, B.C.; Summary Report 1906, p. 37, Geol. Surv. of Canada.
- Reports of Minister of Mines, British Columbia: 1905, p. 117; 1906, p. 95; 1907, p. 80; 1930, pp. 154, 408; 1934, p. G 31; 1936, p. G 42; 1937, p. G 32; 1938, p. G 35; 1939, p. 143; 1940, p. 127; 1941, p. 121; 1942, p. 123; 1943, p. 120; 1944, p. 126; 1945, p. 171; 1946, p. 247; 1947, p. 264; 1948, p. 232; 1949, p. 308; 1950, p. 273; 1951, p. 288; 1952, p. 319; 1953, p. 255; 1954, p. 245; 1955, p. 161; 1956, p. 224; 1957, p. 145; 1958, p. 154; 1959, p. 273; 1960, p. 238; 1961, p. 273; 1962, p. 287; 1963, p. 274; 1964, p. 326; 1965, p. 410; 1966, p. 393; 1967, p. 458; 1968, p. 468.
- Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 422; 1970, p. 529; 1971, p. 497; 1972, p. 644; 1973, p. 589.
- Dowling, D.B.; Coal Fields of British Columbia; Memoir 69, p. 174, Geol. Surv. of Canada, 1915.
- Mineral Policy Sector; Corporation Files: "The Cassiar Coal Development Company, Limited"; "British Columbia Coal and Land Company, Limited"; "Bulkley Valley Collieries, Limited".
- Report of the Royal Commission on Coal, Ottawa, 1946, pp. 47, 636.

MAP REFERENCES

- *Goat Creek Coal Area, Sc. 1":800 feet, Fig. 20, Report of Minister of Mines, British Columbia, 1951.
- Map 1422, Telkwa River Coal Areas, Sc. 1":2.5 miles - accomp. Memoir 69.
- 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 1

NAME OF PROPERTY

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

work by rotary drilling in 1969 located additional reserves on Lot 401. The option was terminated in March 1970 and Bulkley Valley continued the strip mining operation. No coal was produced in 1971 while exploration was carried out on Lots 389, 391, and 401.

Bulkley Valley Coal Sales Limited, a subsidiary of Bulkley Valley Collieries, took over as operator in 1972. The remaining available open pit coal was mined during the year. An adit was begun in 1973.