

PRODUCT

COAL

PROVINCE OR
TERRITORY

BRITISH COLUMBIA

N.T.S. AREA 93 L/5

REF. COL 1

NAME OF PROPERTY

GABRIEL CREEK

HISTORY OF EXPLORATION AND DEVELOPMENT

OBJECT LOCATED - adit.

Coal occurs on the north side of the lower end of Nilah (Gabriel) Creek some 38 miles southwest of Telkwa.

UNCERTAINTY IN METRES 800.

Lat. 54°28'20" Long. 127°53'

Claims were staked on the showings prior to 1914. The upper workings consisted of two short parallel adits driven on the same level, about 40 feet above the bed of the creek. The lower adit, just above high-water mark was driven as a crosscut for more than 63 feet.

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

At a point in the steep northern bank of the creek at an elevation of about 2,200 feet above sea level, and about two miles and a half above the mouth of Gabriel creek, there are the outcroppings of three seams of black shale with some coal, each about 12 inches thick, with clay-partings of about the same thickness. These coal-seams occur between the red feldspathic sandstone for the roof and a clay floor which overlies a black carbonaceous shale. The line of strike of the coal-seams is about N30°W and the dip is at an angle of about 40 degrees towards N60°E. The coal apparently occupies a narrow, isolated belt of Upper Jurassic and Lower Cretaceous sediments that extends northwesterly for about 3 miles. A sample from the three seams of coal exposed at the entrance to one of the adits assayed: moisture, 7.9%; volatile combustible matter, 18.9%; fixed carbon, 38.9%; ash, 34.0%.

Associated minerals or products of value

120216

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

ISTORY OF PRODUCTION

REFERENCES

Report of Minister of Mines, British Columbia: 1914, p. 124.

MAP REFERENCES

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

Kitsalas, Sketch Map, Sc. 1":4 miles - accomp. Report of
Minister of Mines, British Columbia, 1914.

Map 93 L/5, Burnie Lake, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						