0826NE017

003402



Operations

- * Gold
- *Base Metal
- Coal
- * Elkview
- *Bullmoose
- * Quintette Advanced Projects

Exploration Environment

Glossary

Teck Home



TECK CORPORATION

COMPANY OPERATIONS NEWS FINANCIALS SHAREHOLDERS

Elkview Coal Mine

Elkview (previously known as the Balmer mine) is an open-pit coal mine located in the Elk Valley in southeastern British Columbia, 15 km from Sparwood.

Mining at the Elkview site began with predecessor companies in the late 1960's. The former owner, Westar Mining Limited, applied for protection under the Company Creditors Arrangement Act and was petitioned into bankruptcy on August 31, 1992. Teck Corporation was the successful bidder for the mine and the transfer of assets was completed in December 1992. Production resumed at the re-named Elkview mine in May 1993, and has steadily increased to a level of three million tonnes of metallurgical coal. metallurgical coal.



The coal occurs in 11 seams that vary in thickness from 2 to 15 metres. The existing reserves of coal would sustain operations for over 30 years at current mining rates. A conventional shovel/truck operation is used in the open-pits.

Raw coal is transported by a 4-km overland conveyor to a breaker station. The coal is then transferred to a 2.5-km overland conveyor, of which 1.5 km is through a tunnel between the pit and process plant. The coal is cleaned by using heavy media vessels, cyclones and froth flotation. Clean coal is stored in four 13,600-tonne silos adjacent to the plant, and loaded onto 112-car unit trains for transport to the Roberts Bank coal port in Vancouver, B.C.

Coal is sold to Japan, Korea, Brazil and other markets on an annual contract basis.

Top of Page

PF 0826NEOIT



OPERATIONS - COAL

TECK HOME ANNUAL REPORT HOME FINANCIALS

Elkview Mine

The Elkview mine is located just outside of Sparwood in southeastern British Columbia. Production in 1998 totalled 3.2 million tonnes of clean metallurgical coal, up from the 2.8 million tonnes in 1997. Sales increases to Europe accounted for the improvement. Sales for 1999 are expected to be 2.75 million tonnes.

A deferred stripping program was completed in 1997 and the strip ratio in 1998 dropped to 23.2 tonnes of waste per tonne of clean coal from 26.7 in 1997. A further decrease to 20.3 is forecast for 1999. In addition, the plant yield increased to 70.5% in 1998, up from 65.1% the previous year. The predicted yield for the coming years is 67%.

Elkview Mine

100% Waste mined (000's tonnes) Raw coal mined (000's tonnes) Strip ratio	1994 48,638 4,181 19.0	1995 64,425 4,731 22.7	1996 73,837 4,666 26.4	1997 74,863 4,395 26.7	1998 73,725 4,586 23.0
Metallurgical coal yield (%) Metallurgical coal production (000's tonnes) Thermal coal production (000's tonnes)	64.6 2,556 71	62.6 2,906 49	62.2 2,787 14	65.1 2,807	70.5 3,212
Reserves (million tonnes)	147.5	144.5	138.4	135.6	132.4



TECK CORPORATION

HomePage

Company

Press

Quarterly

AIF

Exploration Offices

Annual Report 96 Coal Mining Operations

Elkview Mine

Elkview continued to build on its excellent recent performance since being acquired and re-opened by Teck in 1993. Clean coal production of 2.8 million tonnes was lower than the 3.0 million tonne planned rate, with the shortfall the result of severe weather conditions during the fourth quarter which affected both rail and port operations.

The 8% increase in tonnage mined in comparison to 1995 was achieved with a 2% increase in manpower primarily due to shorter waste haul distances with the development of the new Bodie dump.

Since clean coal production was lower than expected, the stripping ratio was proportionately higher. Elkview plans to continue stripping at a high rate in order to permit expanding coal production on relatively short notice if market conditions warrant this.



Russell Hallbauer, General Manager, Coal Operations

Capital expenditures included the purchase of two 215 tonne haulage units for \$4.7 million, and pit support equipment of \$4.7 million. Expenditures in 1997 are expected to be similar.

1993	1994	1995	1996
27,368	48,638	64,425	73,837
2,805	4,181	3,050	4,666
15.8	19.0	22.7	26.4
64.7	64.6	62.6	62.2
1,734	2,556	2,906	2,787
<u>-</u>	71	49	14
26.84	27.12	31.60	35.35
152.7	147.5	144.5	138.4
	27,368 2,805 15.8 64.7 1,734 —	27,368 48,638 2,805 4,181 15.8 19.0 64.7 64.6 1,734 2,556 - 71 26.84 27.12	27,368 48,638 64,425 2,805 4,181 3,050 15.8 19.0 22.7 64.7 64.6 62.6 1,734 2,556 2,906 - 71 49 26.84 27.12 31.60

Bullmoose Mine

Clean coal production of 1.9 million tonnes at the Bullmoose mine (61% owned by Teck) met shipping commitments under the mine's long-term contract.

Waste stripping was nearly four million tonnes above that of the previous year and clean coal yield was four percentage points lower mainly due to higher dilution. Both stripping and yield were essentially as forecast.

The increased stripping volume was achieved by purchasing three new 175 tonne haulage units, a loader equipped with a 17 cubic metre bucket and a used rotary blast drill. Capital expenditures for the year totalled \$7.2 million