

The Crown Diamond Mining & Exploration Company, Limited.

(REGISTERED IN THE UNION OF SOUTH AFRICA.)

MANAGER'S ANNUAL REPORT.

Mine Office,
31st August, 1931.

The Chairman and Directors,
The Crown Diamond Mining & Exploration Co., Ltd.,
Johannesburg.

DEAR SIRS,

I beg to submit my report on the operations at the Mine for the year ended 30th June, 1931.

MINING AND WASHING.

The results obtained from the mining and washing of blueground, together with the corresponding figures for the previous year, are as follows:—

	1930/31.	%	1929/30.	%
Ground washed (16 cu. ft. loads) ...	823,100	92.44	775,600	95.36
Waste discarded (16 cu. ft. loads) ...	67,770	7.56	37,763	4.61
Total from Mine ...	895,870	100.00	813,363	100.00
Diamonds Recovered (carats) ...	109,765		113,299	
Yield per 100 loads washed (carats)		13.26		14.61

In addition to the above, 7,701 loads of rock were hoisted and dumped from 1,100ft. Main Haulage Cross-cut.

The ground washed was drawn from the following levels:—

Level	Loads	Equivalent to	% per cent.
510ft. Level	...	3,782 loads	0.46
580ft. Level	...	74,233	8.97
620ft. Level	...	151,674	18.32
660ft. Level	...	221,000	26.69
700ft. Level	...	163,483	20.34
740ft. Level	...	101,632	12.27
780ft. Level	...	11,939	1.44
Below 780ft. Level	...	95,303	11.51
Total	823,100	100.00	100.00

Appear some ground may have been treated from the 1100 ft level.

Chambering has been carried on down to the 780ft. level. As the available working places in blueground above the 780ft. level were becoming too low for the scale of washing, hoisting of all blueground for the plant was changed from 780ft. level to 1,100ft. shortly after the close of the period under review.

DEVELOPMENT.

The total footage in the Mine amounted to 16,979ft., of which 7,733ft. represented the work done in the block from 780ft. level to 1,100ft. level. The development continued to expose good ground in the North, North-East and East Sections of the Mine, and stony ground in the South-East and West.

All the ore passes and travelling ways in this new block were completed during the year.

A feature of the development was the discovery of an important enlargement in the area of the pipe on the 1,100ft. level horizon. The limits of the extension, which has occurred on the South side of the Mine, have not yet been definitely determined by development, but so far an increase of at least 50 per cent. in the area of the Mine, as compared with 780ft. level, is assured.

1,100FT. LEVEL HAULAGE CROSS-CUT.

This cross-cut was driven a total distance of 969 feet to make connection between the Rock Shaft and the Mine workings from the Prospect Shaft.

Of the footage driven, 488 feet was in diabase outside the Mine and 481 feet inside the Mine. The latter footage is included under development and charged to working costs.

EXPENDITURE.

The total working cost at the Mine amounted to £117,725 14s. 2d., or 2s. 10-12d. per load. This figure includes as usual the cost of all development inside the pipe, ore passes and their equipment, and hoisting and dumping 67,770 loads of reef and stone.

CAPITAL EXPENDITURE.

Capital expenditure amounted to £3,813 14s. 3d., made up as follows:—

1,100ft. Main Cross-cut	...	...	...	...	...	£2,652 12 8
Rock Shaft Equipment	...	...	...	...	...	174 12 8
1,100ft. Main Station Equipment	...	...	...	...	...	237 1 11
Sump at 1,100ft. Station	...	...	...	...	...	207 7 11
Mine Pumps (additions to)	...	...	...	...	...	541 19 1
						<hr/>
						3,813 14 3
Less—Plant Sold	...	...	...	...	...	145 0 0
						<hr/>
						£3,668 14 3
						<hr/>

GENERAL.

EUROPEAN EMPLOYEES.—The average number of Europeans in the service of the Company was 108, to whom an amount of £36,150 0s. 1d. was paid in wages during the year.

NATIVE EMPLOYEES.—The Company employed an average of 1,027 natives, who received in wages an amount of £33,478 13s. 10d. The average cost per shift, including food, was 2s. 5-90d.

The machinery and plant have been maintained in good order and have run satisfactorily throughout.

I have to place on record the loyal services rendered by the Staff and other employees during the year.

Yours faithfully,

W. A. KRIGE,
Manager.