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COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT
BUREAU OF MINERAL RESOURCES
GEOLOGY AND GEOPHYSICS

RECORDS:

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Report on Maintenance

Morgans Gold Mine Ltd.

by

N.H. Fisher

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DEPARTMENT OF SUPPLY AND SHIPPING.

MINERAL RESOURCES SURVEY

REPORT ON MAINTENANCE.

MORGANS GOLD MINES LTD.

REPORT NO. 1945/44.

Situation of Property Mt. Morgans, 187 miles by rail North North East of Kalgoorlie and approximately the same distance by road.

Representatives Ford, Rhodes and Davies, Boulder Road, Kalgoorlie. Managing Director, J. Fox.

Valuation of Plant. £10,000 (rough estimate by J. Fox) Parts of the plant have, however, been removed.

Maintenance Commenced September, 1942.

Average Expenditure per month (Sept. 1942 to Sept. 1944) £25.

Basis of Maintenance One caretaker of £5.10.0 per week. His duties, according to the Company's application, are to safeguard the property and keep all plant and machinery protected from rain and wind storms.

Usual Number of men employed 25 to 40. A similar number will be required to resume operations, and a much greater number if the mine is re-opened.

Ore Reserves The Company was retreating sands from previous operations, and apart from minor near-surface work, the Morgans mine had not been reopened. It is stated by the management that the Company intends to sink a new main shaft after the War, and work the property on a larger scale. Encouraging results have recently been obtained by a prospecting party operating on the adjacent property to the South, apparently on the same line of lode.

The amount of sands still to be treated is about 20,000 tons assaying 2.8 dwt. gold per ton. There are in addition approximately 100,000 tons of alimes.

Plant. The plant consists of two Patters and one small Crossley engine, a small ten head battery, a tube mill (not powered at present), two sets of Cassel's filters in very bad condition, 10 cyanide tanks, agitators etc., 6 zinc boxes, 2 amalgamating barrels, ore bin, jaw cracker, blacksmith's shop and Manager's residence.

Average monthly throughput of Plant 6,000 tons of sands for a return of 600 to 700 ounces of gold. During the last twelve months of treatment, 5,765 ozs. of gold were obtained.

Mine No work has been done in the mine in recent years except a little surface gouging.

Present Maintenance programme Formal caretaking only.

Requirements for essential maintenance There is very little equipment that could readily be removed from this property. Those few items which might be stolen could easily be looked up.

Recommendations The services of a full time caretaker should be dispensed with and arrangements made for the District Workmen's Inspector to check the property whenever he passes through on his periodical inspections.

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