



Case Study

A Mobile In-Pit Crushing System for Overburden at Iscor's Grooteegeluk Coal Mine

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In this paper the mobile in-pit crushing system for over burden, which was commissioned in July 1981, at Iscor's Grooteegeluk Coal Mine, is described. Special reference is made to some engineering aspects of the system components, operating practice and an economic appraisal of the system.

1. Introduction

Grooteegeluk Coal Mine, near Ellisras in the Northwestern Transvaal is located on the coal bearing strata of the Water berg coal field and was officially opened on April 15, 1981 to produce blend coking coal for Iscor's blast furnaces at Vanderbijlpark and Newcastle.