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Calculation methods for utilization rate of iron ore mullocks

铁矿废石利用率计算方法

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting:

Please note that some of the contents of this document may involve patents: The issuing organization of this document does not assume the responsibility for identifying patents:

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Calculation method of iron ore waste rock utilization rate

1 Scope

This document describes the calculation method for the utilization rate of iron ore waste rock:

This document applies to the utilization of iron ore waste rock:

2 Normative references

This document has no normative references:

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 Waste rock mulocks;wasterock Solid waste such as surrounding rock and interlayer stones produced during mining (stripping) operations that are below industrial grade and cannot enter subsequent operations such as mineral processing: 3:2 Wastedump A place where waste rock generated during mining (stripping) is centrally stored (piled): Note: Also called spoil dump:

[Source: GB 50421-2007, 2:0:1, modified] 3:3 Utilization of Mulocks Activities that use waste rock to fill mined-out areas, recover valuable components, make building materials, and level the site: 3:4 The percentage of annual waste rock utilization mass to annual waste rock generation mass: 3:5 The percentage of the cumulative mass of waste rock utilized over the years to the cumulative mass of waste rock generated:

4 Calculation method

4:1 Utilization rate of iron ore waste For a single iron ore mine, the utilization rate of its iron ore waste rock is calculated according to formula (1): Ry= Qu QUR x100% (1) Where:

Ry---waste rock utilization rate;