



## Geology Resource Statement

The JORC Compliant Resource Statement completed in 2013 from Independent Consultants SMS outlined 173 Million Tonnes of which 61.5 Million Tonnes are in the Measured Category.

- The resource is drilled out to a depth of 200m at the Mkomolo and Namwele Deposits.
- The coal measures vary between 4 metres in the south to 74m in thickness in the north.
- The coal is 'bar coded' within a sequence of black shales, mudstones and clean sandstone, limestone and siltstone units.
- The coal is classified as 'Grade C' Bituminous Thermal Coal which varies between 8 and 17MJ insitu.
- At Muze only 5 drillholes have been completed outlining ~10Mtonnes of coal measures.

Historically Muze contains the largest resource with a figure of 60Mtonnes quoted by the Geological Survey in 1943. Further drilling is required to complete the resource evaluation of this deposit.

Deposit	Classification	Tonnes
Mkomolo	Measured	36,958,091
Mkomolo	Indicated	93,414,982
Mkomolo	Inferred	1,923,817
Namwele	Measured	17,158,826
Namwele	Indicated	12,763,169
Namwele	Inferred	-
Muze	Measured	7,355,248
Muze	Indicated	3,442,349
Muze	Inferred	-
<b>Total</b>	Measured	61,472,166
<b>Total</b>	Indicated	109,620,499
<b>Total</b>	Inferred	1,923,817