

Australian Standard™

Aluminium ores—Sampling

**Part 4: Determination of heterogeneity
of constitution**

This Australian Standard was prepared by Committee MN-003, Aluminium Ores. It was approved on behalf of the Council of Standards Australia on 11 February 2004 and published on 15 April 2004.

The following are represented on Committee MN-003:

Australian Aluminium Council
CSIRO Minerals
Royal Australian Chemical Institute

Additional interests participating in the preparation of this Standard:

Aluminium ore exporters
Aluminium ores industry laboratories
Aluminium ore mining companies
Aluminium ore refineries
Producers of alumina
Superintending organization

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PREFACE

This Standard was prepared by the Standards Australia Committee MN-003, Aluminium Ores, to supersede AS 2806.1—1994, *Aluminium ores—Sampling, Part 4: Determination of heterogeneity of constitution*.

The objective of this Standard is to provide the aluminium ores industries with an experimental procedure for determining the heterogeneity of constitution, which is required for calculating the minimum sample mass to be taken from an aluminium ore lot.

This Standard is identical with and has been reproduced from ISO 6138:1991, *Aluminium ores—Experimental determination of the heterogeneity of constitution*.

Statements expressed in mandatory terms in notes to text, tables and figures are deemed to be requirements of this Standard.

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<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS	
6140	Aluminium ores—Preparation of samples	2806 2806.3	Aluminium ores—Sampling Part 3: Preparation of samples
8685	Aluminium ores—Sampling procedures	2806.1	Part 1: Sampling procedures