

**Laboratory** Chemical Laboratory, Donimalai Iron Ore Mine, NMDC Limited,  
P.O.- Donimalai, Bellary, Karnataka

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Chemical Testing **Issue Date** 19.05.2014

**Certificate Number** T-2946 **Valid Until** 18.05.2016

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
<b>I. ORES &amp; MINERALS</b>				
1.	<b>Iron Ore</b>	Total Iron	IS 1493-1959, RA 2006 NMDC/LAB/SOP/01/2	20.00% to 70.00%
		Silica	IS 1493-1959, RA 2006 NMDC/LAB/SOP/01/3 NMDC/LAB/SOP/01/9.ICP	0.10% to 45%
		Al <sub>2</sub> O <sub>3</sub>	NMDC/LAB/SOP/01/9.ICP	0.10% to 30%
		Phosphorous	IS 1493-1959, RA 2006 NMDC/LAB/SOP/01/4 NMDC/LAB/SOP/01/9.ICP	0.001% to 0.2%
		LOI	NMDC/LAB/SOP/01/5	0.1% to 15.00%
		Total Moisture	IS 1493-1959, RA 2006 NMDC/LAB/SOP/01/6	0.10% to 15%

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