

Laboratory **SESA Resources Limited, Central Laboratory, Dhabdhaba, Bicholim, Goa**

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

Discipline **Chemical Testing** **Issue Date** **09.03.2014**

Certificate Number **T-2178** **Valid Until** **08.03.2016**

Last Amended on **-** **Page** **1 of 1**

| S.No. | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing / Limits of Detection |
|--------------|-----------------------------------|--------------------------------|--|---|
|--------------|-----------------------------------|--------------------------------|--|---|

I. ORES & MINERALS

| | | | | |
|-----------|-----------------|-----------------------------------|---------------------------------|------------------|
| 1. | Iron ore | Moisture | SRL/IHM/SOP-001 (2013) | 2.0% to 20.0% |
| | | Transportable Moisture Limit(TML) | SRL/IHM/SOP-002 (2013) | 6.0% to 20.0% |
| | | Fe | SRL/IHM/SOP-003 (2013) | 30.0% to 72.0% |
| | | FeO | SRL/IHM/SOP-004 (2013) | 1.0% to 25.0% |
| | | SiO ₂ | SRL/IHM/SOP-005(PART I) (2013) | 1.0% to 17.0% |
| | | Al ₂ O ₃ | SRL/IHM/SOP-005(PART II) (2013) | 0.4% to 15% |
| | | Mn | SRL/IHM/SOP-006(PART II) (2013) | 0.02% to 8% |
| | | P | SRL/IHM/SOP-006(PART I) (2013) | 0.005% to 0.2% |
| | | TiO ₂ | SRL/IHM/SOP-007 (2013) | 0.05% to 0.40% |
| | | S | SRL/IHM/SOP-008 (2013) | 0.005% to 0.100% |
| | | CaO | SRL/IHM/SOP-009 (2013) | 0.08% to 15.0% |
| | | MgO | SRL/IHM/SOP-009 (2013) | 0.1% to 15.0% |
| | | Loss On Ignition | SRL/IHM/SOP-010 (2013) | 0.05% to 35% |