

Ref: SRL/2016/SU-ECC-3

Date: 26.05.2016

To,
The Additional Director (South)
Ministry of Environment and Forest
Regional Office (Southern Zone)
Kendriya Sadan, IVth Floor, E & F Wings
17th Main Road, II Block, Kormangala
Bangalore – 560 034

Sub: Six monthly compliance report of Surla- Sonshi Iron Ore Mine, Village Surla, Kudnem & Sonshi Onvoliem, Bicholim and Sattari Talukas, North- Goa (T.C No 21/1954, 5/1954, 20/1954) for the period October 2015 to March 2016.

Respected Sir,

We are herewith submitting the condition wise compliance report as per the conditions laid down in the Environmental Clearance Letter No: J-11015/44/2004-IA.II(M) dated 01/01/2008 for the period **October 2015 to March 2016**.

Yours faithfully,
For Sesa Resources Ltd.



Joseph Coelho
Head Operation - IOG

Enclosed: Six monthly compliance report of Curpem Iron Ore Mine for the period October 2015 to March 2016.

C.C: 1. Member Secretary, Goa State Pollution Control Board
2. CGWB

Sesa Resources Ltd.

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CIN No.: U13209GA1965PLC000030

Compliance To Conditions of Environmental Clearance Issued By
Ministry of Environment and Forests For
SURLA-SONSHI IRON ORE MINE

T.C. No. 21/1954, T.C. No. 5/1954 and T.C No.20/1954

Letter No: J-11015/44/2004-IA.II(M)

Production: 1.1 MTPA as per Environment clearance, however the current production limit is 0.496 MTPA as per capping imposed by State Government

Period –October 2015 –March 2016

A. SPECIFIC CONDITIONS:-

| Sl. No. | Conditions of Environmental Clearance | Status of Compliance | Remarks |
|---------|---|--|---------|
| (i) | The environmental clearance is accorded only for two years during which period detailed hydrogeological study (quality and quantity) on impact of mining on hydrogeology (pre-monsoon, monsoon and post-monsoon) shall be carried out and the report submitted to Ministry. (Stands deleted as per MoEF letter no. J-11015/44/2004-IA.II(M) dated January 1, 2008). | Hydrogeological study is carried out and report was submitted to the Ministry of Environment & Forests. Ministry extended the period of environmental clearance vide MoEF letter no. J-11015/44/2004-IA.II (M) dated January 1, 2008). | |
| (ii) | Mining shall not be undertaken in forestland within the lease area for which forestry clearance/permission has not been obtained. | Is being complied. (Forest clearance has been obtained for diversion of 24.9810 ha forest area under TC No 21/1954 (letter no. F. No. 8-490/1989-FC dated 28th Jan 2009)) | |
| (iii) | No dumping of OB where natural slopes already exceeding 28° angle. | No dumping is carried out where the natural slope exceeds 28° angle. | |
| (iv) | Top soil should be stacked properly with adequate measures at earmarked sites. It should be used for reclamation and rehabilitation' of the mined out areas. | The mine is in operation for last 50 years and Most of the areas within the mining lease are broken up for mining. Hence there is no generation of top soil. | |
| (v) | OB and other wastes should be stacked at earmarked sites only and should not be kept active for long periods of time. Plantation should be taken up for soil stabilisation along the slopes of the dump and terraced after every 5-6 m of height and overall slope angle shall be maintained not exceeding 28°. Sedimentation pits shall be constructed at the corners of the garland drains. Retention/Toe walls shall be provided at the base of the | Plantation is undertaken along the dead dump slopes. Protective walls are provided. Overburden is stacked properly and the dumps are also stabilized with the geotextile and fast growing native species. The un-finalized dumps are covered with Silpaulin. Garland drains are being constructed at the toe wall of the dump. | |

