



Ref: SRL/2017/CU-ECC-1

Date: 20.05.2016

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 Curpem Iron Ore Mine (T.C. No. 3 Of 1951 & 40 of 1954), Goa 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-11015/155 /2005-IA-II (M) dated 17/11/2005 for the period **October 2015 to March 2016**.

Thanking you,

Yours faithfully,

A handwritten signature in blue ink that reads "Prakash Chandra".

Prakash Chandra
Mines Manager
Curpem iron ore Mine

Enclosed: Annexures of Six monthly compliance report of Curpem Iron Ore Mine for the period October 2016 to March 2017.

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

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Compliance report to conditions of environmental clearance issued by

Ministry of Environment & Forests, Govt. of India, for Curpem Iron Ore Mine (T.C. No. 3 of 1951 & 40 of 1954)

Letter No. J-11015/155/2005-IA.II(M)

Production: 0.2 MTPA as per Environment clearance, however the current production limit is 0.09 MTPA as per capping imposed by state govt.

Period – October 2016- March 2017

S. No	Condition of clearance	Status of compliance	Remarks
A.	Specific Conditions		
(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.	Hydro geological report was prepared and submitted to MoEF and based on the same extension of validity EC was granted vide letter No. J-11015/155/2005-IA-II(M) dated 02.01.2008	
(ii)	Prior approval of the Chief Wildlife Warden, Government of Goa shall be obtained for mining at distance of 3 km from Netravali Wildlife Sanctuary.	The provisions of wild life protection Act is not applicable as the mines falls out of eco-sensitive zones notified by MoEF for the state of Goa.	
(iii)	No dumping of OB where natural slopes already exceeding 28° angle.	Dumping is not carried out on land having natural slope exceeding 30°. Dumping is carried out as per the IBM approved Mining Plan. There is only one dump covering an area of 12.1 ha area; out of which 2.3 ha is afforested. The average height of dump is around 20m (2 steps)	

(iv)	<p>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.</p>	<p>The mine lease is situated on a laterite plateau and there is no top soil available with the current working area. However any top soil encountered during future working/ development will be preserved and used for reclamation and rehabilitation.</p>	
(v)	<p>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 stabilization 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 dumps.</p>	<p>OB and other waste are stacked at the earmarked site as per approved mining plan. Step dumping method is adopted. Finalized portions of the dump slopes are covered with geotextiles and then afforested. Garland drains are provided to channelize the water in the mine pit. All the mine runoff water is channelized through garland drains and pipes into the mine pit. Rock walls and settling ponds are constructed at the toe of the dump. Rainfall data is considered while designing and constructing settling ponds. The settling ponds are desilted every year before the onset of monsoons.</p>	<p>Attached list of plant saplings planted as Annexure 03</p>

