

COST BENEFIT ANALYSIS				
1	Toposheet No	:	D43E8(57A/8)	
2	Location	:	Ramgad Reserve Forest, Sandur North Range, Ramgad Village, Sandur Taluk, Ballari Division/District	
3	Extent	:	43.58	Ha
4	Forest land in mining lease	:	43.58	Ha
5	Density of Forest growth	=	0.1	Density of forest/ha
6	A. Evaluation of Losses			
7	I. Ecosystem Services losses due to proposed forest diversion : (Soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance)			
8	Ecosystem Services losses due to proposed forest diversion	=	55233292	Rs.
9		=	5.5233292	Cr.
10	II. Loss of animal husbandry productivity, including loss of fodder			
11	Loss of animal husbandry productivity, including loss of fodder	=	0.55233292	Cr.
12	III. Possession value of forest land diverted			
13	Possession value of forest land diverted	=	1.65699876	Cr.
14	IV. Habitat Fragmentation Cost			
15	Habitat Fragmentation Cost	=	2.7616646	Cr.
16	Total losses due to forest diversion	=	10.49432548	Cr.
17	B. Benefits Evaluation			
18	I. Benefit to the Project Proponent			
19	Estimated Iron Ore reserves in forest area	=	20,06,860	Tonnes
20	The cost at which project proponent used to acquire iron ore in the past	=	3000	Rs./Tonne
21	Value of the mineral/tonne @ JSW Steel Plant from this project	=	2000	Rs./Tonne
22	Benefit to the project proponent by starting the production in this project	=	2006860000	Rs./Tonne
23		=	200.686	Cr.
25	Total Benefit to the project proponent	=	201	Cr.
26	II. Benefit to the economy			
27	Sale price of Iron Ore as per IBM in Karnataka	=	3233	Rs.
28	Total premium to GoK	=	97.50%	%
29	DMG Royalty	=	15.00%	%
30	DMP	=	10.00%	%
31		=	1.500%	%
32	NMET	=	2%	%
33		=	0.300%	%
34	PDF	=	12.000%	%
35	Total % Benefit to economy	=	126.30%	%
36	Total Benefit to the Economy	=	8194569294	Rs.
37		=	819.4569294	Cr.
38	III. Population benefitted due to the specific project			
39	Population benefitted due to the specific project	=	4.01372	Cr.
40	IV. Total benefit to Employees			
41	Total Benefit due to the Project	=	1224.156649	Cr.
42	C. Benefit to Cost Ratio	=	116.6493884	
43	Cost Benefit Ratio			116

For M/s. JSW Steel Ltd

Place: Ballari
Date: 28.02.2020

Authorized Signatory