

Appendices

Appendix-I

(Refer paragraph- 3.2.1(i) at page 26)

Short levy of royalty and premium due to reporting of lower grades of iron ore – Jajang iron ore mine

(Quantity in MT and amount in ₹)

Type of Ore	Name of the mines	Name of the old lessee	Financial Year	Total Average production	Grade wise Production						Name of the Auctioned lessee	Premium Rate	Financial Year	Total production	Grade-wise estimated production based on percentage of old lessee and royalty leviable							
					Above 65 (%)	62-65 (%)	60-62 (%)	58-60 (%)	55-58 (%)	Below 55 (%)					Above 65 (%)	Average ASP	Royalty leviable	Premium leviable	62-65 (%)	Average sale price	Royalty leviable	Premium leviable
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
Lumps	Jajang	Rungta mines	2014-20	26,90,105	0.03	72.03	4.95	21.63	0.04	1.32	JSW	110%	2020-21	12,97,520	389	5,438	3,17,523	23,28,499	9,34,604	4,835	67,78,05,725	4,97,05,75,315
			2021-22	26,65,436	800	9,838	11,79,955	86,53,005	19,19,914	8,612		2,48,02,64,320	18,18,86,05,010									
Fines	2014-20	79,24,907	0.00	42.40	40.37	0.00	16.60	0.64	110%	2020-21		48,58,860	0	3,838	0	0	20,60,157	3,601	1,11,27,24,937	8,15,99,82,873		
	2021-22	95,33,897	0	6,753	0	0	40,42,372	6,389	3,87,42,09,639	28,41,08,70,687												

Grade-wise estimated production based on percentage of old lessee and royalty leviable

60-62 (%)	Average ASP	Royalty leviable	Premium leviable	58-60 (%)	Average ASP	Royalty leviable	Premium leviable	55-58 (%)	Average ASP	Royalty leviable	Premium leviable	Below 55 (%)	Average ASP	Royalty leviable	Premium leviable	Total royalty	Total premium	Royalty and premium
(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
64,227	4,187	4,03,41,129	29,58,34,949	2,80,654	3,370	14,18,56,350	1,04,02,79,900	519	3,167	2,46,572	18,08,195	17,127	2,201	56,53,424	4,14,58,446	86,62,20,723	6,35,22,85,304	7,21,85,06,027
1,31,939	7,366	14,57,79,492	1,06,90,49,606	5,76,534	6,047	52,29,37,783	3,83,48,77,074	1,066	5,279	8,44,170	61,90,582	35,184	3,522	1,85,87,578	13,63,08,904	3,16,95,93,297	23,24,36,84,180	26,41,32,77,477
19,61,522	3,195	94,00,92,006	6,89,40,08,044	0	2,871	0	0	8,06,571	2,871	34,72,95,926	2,54,68,36,794	31,097	1,393	64,98,175	4,76,53,280	2,40,66,11,044	17,64,84,80,991	20,05,50,92,035
38,48,834	5,156	2,97,69,28,937	21,83,08,12,205	0	4,306	0	0	15,82,627	3,861	91,66,37,719	6,72,20,09,938	61,017	1,964	1,79,79,404	13,18,48,965	7,78,57,55,699	57,09,55,41,795	64,88,12,97,494

Year	Royalty levied on Despatch	Premium levied on Despatch	Royalty and premium leviable against closing balance as on March 2022											
			Above 65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	62-65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	60-62 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable
(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)
2020-21	51,29,07,176	3,76,13,19,292	0	8,695	0	0	0	8,341	0	0	0	7,193	0	0
2021-22	66,96,73,271	4,91,09,37,318	0	8,695	0	0	0	8,341	0	0	47,275	7,193	5,10,07,868	37,40,57,701
2020-21	1,89,53,22,001	13,89,90,28,004	0	5,974	0	0	0	5,215	0	0	0	4,523	0	0
2021-22	5,50,18,04,121	40,34,65,63,553	0	5,974	0	0	0	5,215	0	0	15,813	4,523	1,07,28,364	7,86,74,668

Royalty and premium leviable against closing balance as on March 2022															Short levy of royalty and premium
58-60 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	55-58 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	Below 55 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	Total royalty collectable	Total premium collectable	Royalty and premium collectable	
(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)
0	5,780	0	0	0	4,389	0	0	0	3,763	0	0	51,29,07,176	3,76,13,19,292	4,27,42,26,468	2,94,42,79,559
12,52,115	5,780	1,08,55,83,324	7,96,09,44,372	3,25,270	4,389	21,41,41,393	1,57,03,70,212	7,93,492	3,763	44,78,86,559	3,28,45,01,436	2,46,82,92,414	18,10,08,11,039	20,56,91,03,453	5,84,41,74,024
0	3,764	0	0	0	3,580	0	0	0	1,838	0	0	1,89,53,22,001	13,89,90,28,004	15,79,43,50,005	4,26,07,42,030
2,16,175	3,764	12,20,52,534	89,50,51,914	3,40,383	3,580	18,27,85,403	1,34,04,26,285	2,95,867	1,838	8,15,70,623	59,81,84,568	5,89,89,41,044	43,25,89,00,988	49,15,78,42,032	15,72,34,55,462
Total															2877,26,51,075

*Royalty and Premium collectable against closing balance as of March 2022 has been calculated by taking into account the ASP of different grades of iron ore of March 2022
(Source: Annual production reported in i3MS and Average of ASP published by IBM)*

Appendix-II

(Refer paragraph- 3.2.1(ii) at page 28)

Short levy of royalty and premium due to reporting of lower grades of iron ore – Roida-II iron ore mine

(Quantity in MT and amount in ₹)

Type of Ore	Name of the mines	Name of the old lessee	Year	Total Average production	Grade wise Production						Name of the Auctioned lessee	Premium Rate	Year	Total production	Grade-wise estimated production based on percentage of old lessee and royalty leviable							
					Above 65 (%)	62-65 (%)	60-62 (%)	58-60 (%)	55-58 (%)	Below 55 (%)					Above 65 (%)	Average ASP	Royalty leviable	Premium leviable	62-65 (%)	Average sale price	Royalty leviable	Premium leviable
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
Lumps	Roida - II	K.N. Ram and Co.	2014-21	4,83,464	0.01	81.70	18.30	0.00	0.00	0	Narberham Power and Steel	90.90%	2020-21	1,36,310	14	6,145	12,564	76,140	1,11,365	5,637	9,41,67,792	57,06,56,818
			2021-22	2,44,121	24	9,838	36,023	2,18,300	1,99,447	8,612		25,76,58,042	1,56,14,07,734									
Fines			2014-20	16,18,375	0.00	90.37	7.08	2.53	0.00	0.02		90.90%	2020-21	12,74,031	0	4,979	0	0	11,51,342	4,346	75,04,73,178	4,54,78,67,459
											90.90%	2021-22	21,16,051	0	6,753	0	0	19,12,275	6,389	1,83,27,24,533	11,10,63,10,669	

Grade-wise estimated production based on percentage of old lessee and royalty leviable																		
60-62 (%)	Average ASP	Royalty leviable	Premium leviable	58-60 (%)	Average ASP	Royalty leviable	Premium leviable	55-58 (%)	Average ASP	Royalty leviable	Premium leviable	Below 55 (%)	Average ASP	Royalty leviable	Premium leviable	Total royalty	Total premium	Royalty and premium
(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
24,945	4,860	1,81,83,481	11,01,91,895	0	3,759	0	0	0	3,558	0	0	0	2,531	0	0	11,23,63,837	68,09,24,853	79,32,88,690
44,674	7,366	4,93,60,485	29,91,24,538	0	6,047	0	0	0	5,279	0	0	0	3,522	0	0	30,70,54,550	1,86,07,50,573	2,16,78,05,123
90,201	3,761	5,08,91,613	30,84,03,177	32,233	3,313	1,60,18,983	9,70,75,038	0	3,313	0	0	255	1,504	57,465	3,48,239	81,74,41,240	4,95,36,93,913	5,77,11,35,153
1,49,816	5,156	11,58,77,369	70,22,16,857	53,536	4,306	3,45,76,951	20,95,36,324	0	3,861	0	0	423	1,964	1,24,704	7,55,707	1,98,33,03,557	12,01,88,19,556	14,00,21,23,113

Year	Royalty levied on Despatch	Premium levied on Despatch	Royalty and premium leviable against closing balance as on March 2022												
			Above 65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	62-65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	60-62 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	
(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	
2020-21	11,65,00,612	70,59,93,729	0	8,695	0	0	0	8,341	0	0	0	7,193	0	0	
2021-22	14,51,34,228	87,95,13,558	0	8,695	0	0	3,401	8,341	42,55,261	2,57,86,883	80,972	7,193	8,73,65,203	52,94,33,132	
2020-21	14,41,342	87,34,534	0	5,974	0	0	0	5,215	0	0	0	4,523	0	0	
2021-22	1,31,84,85,055	7,99,00,21,658	0	5,974	0	0	10,60,440	5,215	82,95,29,307	5,02,69,47,602	3,56,425	4,523	24,18,16,290	1,46,54,06,715	

Royalty and premium leviable against closing balance as on March 2022														Total royalty collectable	Total premium collectable	Royalty and premium collectable	Short levy of royalty and premium
58-60 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	55-58 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	Below 55 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable						
(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)		
0	5,780	0	0	0	4,389	0	0	0	3,763	0	0	11,65,00,612	70,59,93,729	82,24,94,341	-2,92,05,651		
17,607	5,780	1,52,65,434	9,25,08,528	1,870	4,389	12,30,851	74,58,958	0	3,763	0	0	25,32,50,978	1,53,47,01,060	1,78,79,52,038	37,98,53,085		
0	3,764	0	0	0	3,580	0	0	0	1,838	0	0	14,41,342	87,34,534	1,01,75,876	5,76,09,59,277		
1,58,817	3,764	8,96,68,118	54,33,88,797	1,14,103	3,580	6,12,73,139	37,13,15,220	11,900	1,838	32,80,750	1,98,81,345	2,54,40,52,658	15,41,69,61,337	17,96,10,13,995	-3,95,88,90,882		
														Total	2,15,27,15,829		

Royalty and Premium collectable against closing balance as of March 2022 has been calculated by taking into account the ASP of different grades of iron ore of March 2022 (Source: Annual production reported in i3MS and Average of ASP published by IBM)

Appendix-III

(Refer paragraph - 3.2.1(iii) at page 31)

Short levy of royalty and premium due to reporting of lower grades of iron ore – Thakurani iron ore mine

(Quantity in MT and amount in ₹)

Type of Ore	Name of the mines	Name of the old lessee	Year	Total Average production	Grade wise Production						Name of the Auctioned lessee	Premium Rate	Year	Total production	Grade-wise estimated production based on percentage of old lessee and royalty leviable							
					Above 65 (%)	62-65 (%)	60-62 (%)	58-60 (%)	55-58 (%)	Below 55 (%)					Above 65 (%)	Average ASP	Royalty leviable	Premium leviable	62-65 (%)	Average sale price	Royalty leviable	Premium leviable
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
Lumps	Thakurani	Keypee Entp	2014-20	8,09,137	0.00	97.12	2.88	0.00	0.00	0.00	Arcelor Mittal	107.55%	2020-21	5,87,370	0	5,438	0	0	5,70,454	4,835	41,37,11,929	2,96,63,14,534
												107.55%	2021-22	11,33,910	0	9,838	0	0	11,01,253	8,612	1,42,26,67,646	10,20,05,27,025
2014-20			33,91,507	0.00	99.16	0.08	0.76	0.00	0.00	107.55%		2020-21	30,39,796	0	3,838	0	0	30,14,262	3,601	1,62,80,53,150	11,67,31,41,085	
										107.55%		2021-22	43,63,978	0	6,753	0	0	43,27,320	6,389	4,14,73,03,573	29,73,61,66,621	

Grade-wise estimated production based on percentage of old lessee and royalty leviable																		
60-62 (%)	Average ASP	Royalty leviable	Premium leviable	58-60 (%)	Average ASP	Royalty leviable	Premium leviable	55-58 (%)	Average ASP	Royalty leviable	Premium leviable	Below 55 (%)	Average ASP	Royalty leviable	Premium leviable	Total royalty	Total premium	Royalty and premium
(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
16,916	4,187	1,06,25,097	7,61,81,944	0	3,370	0	0	0	3,167	0	0	0	2,201	0	0	42,43,37,026	3,04,24,96,478	3,46,68,33,504
32,657	7,366	3,60,82,278	25,87,09,935	0	6,047	0	0	0	5,279	0	0	0	3,522	0	0	1,45,87,49,925	10,45,92,36,960	11,91,79,86,885
2,432	3,195	11,65,498	83,56,624	23,102	2,871	99,47,531	7,13,23,795	0	2,871	0	0	0	1,393	0	0	1,63,91,66,179	11,75,28,21,504	13,39,19,87,683
3,491	5,156	27,00,298	1,93,61,139	33,166	4,306	2,14,20,824	15,35,87,305	0	3,861	0	0	0	1,964	0	0	4,17,14,24,695	29,90,91,15,065	34,08,05,39,760

Year	Royalty levied on Despatch	Premium levied on Despatch	Royalty and premium leviable against closing balance as on March 2022												
			Above 65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	62-65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	60-62 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	
(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	
2020-21	0	0	0	8,695	0	0	0	8,341	0	0	0	7,193	0	0	
2021-22	59,06,14,512	4,23,47,07,799	0	8,695	0	0	0	8,341	0	0	4,34,003	7,193	46,82,67,029	3,35,74,74,596	
2020-21	1,70,61,94,135	12,23,34,15,458	0	5,974	0	0	0	5,215	0	0	0	4,523	0	0	
2021-22	4,15,93,69,135	29,82,26,79,447	0	5,974	0	0	181	5,215	1,41,882	10,17,295	31,828	4,523	2,15,93,467	15,48,25,159	

Royalty and premium leviable against closing balance as on March 2022												Total royalty collectable	Total premium collectable	Royalty and premium collectable	Short levy of royalty and premium
58-60 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	55-58 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	Below 55 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable				
(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)
0	5,780	0	0	0	4,389	0	0	0	3,763	0	0	0	0	0	3,46,68,33,504
8,11,810	5,780	70,38,39,617	5,04,65,30,052	0	4,389	0	0	0	3,763	0	0	1,76,27,21,158	12,63,87,12,447	14,40,14,33,605	-2,48,34,46,720
0	3,764	0	0	0	3,580	0	0	0	1,838	0	0	1,70,61,94,135	12,23,34,15,458	13,93,96,09,593	-54,76,21,910
17,384	3,764	98,15,085	7,03,74,163	0	3,580	0	0	0	1,838	0	0	4,19,09,19,570	30,04,88,96,064	34,23,98,15,634	-15,92,75,874
												Total			27,64,89,000

Royalty and Premium collectable against closing balance as on March 2022 has been calculated by taking into account the ASP of different grades of iron ore of March 2022 (Source: Annual production reported in i3MS and Average of ASP published by IBM)

Appendix-IV

(Refer paragraph - 3.2.1(iv) at page 33)

Short levy of royalty and premium due to reporting of lower grades of iron ore – Nuagaon iron ore mine

(Quantity in MT and amount in ₹)

Type of Ore	Name of the mines	Name of the old lessee	Year	Total Average production	Grade wise Production						Name of the Auctioned lessee	Premium Rate	Year	Total production	Grade-wise estimated production based on percentage of old lessee and royalty leviable							
					Above 65 (%)	62-65 (%)	60-62 (%)	58-60 (%)	55-58 (%)	Below 55 (%)					Above 65 (%)	Average ASP	Royalty leviable	Premium leviable	62-65 (%)	Average sale price	Royalty leviable	Premium leviable
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
Lumps	Nuagaon	KJS Ahluwalia	2014-20	15,56,037	0	97.83	2.00	0.16	0	0.01	JSW	95.20%	2020-21	9,63,743	0	5,438	0	0	9,42,830	4,835	68,37,71,475	4,33,96,69,631
			2021-22	14,38,395	0	9,838	0	0	14,07,182	8,612		1,81,78,85,435	11,53,75,12,894									
Fines	2020-21	31,83,358	0	3,838	0	0	29,28,371	3,601	1,58,16,61,872	10,03,82,80,682												
	2021-22	48,92,392	0	6,753	0	0	45,00,511	6,389	4,31,32,90,127	27,37,50,14,670												

Grade-wise estimated production based on percentage of old lessee and royalty leviable																		
60-62 (%)	Average ASP	Royalty leviable	Premium leviable	58-60 (%)	Average ASP	Royalty leviable	Premium leviable	55-58 (%)	Average ASP	Royalty leviable	Premium leviable	Below 55 (%)	Average ASP	Royalty leviable	Premium leviable	Total royalty	Total premium	Royalty and premium
(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
19,275	4,187	1,21,06,538	7,68,36,159	1,542	3,370	7,79,398	49,46,580	0	3,167	0	0	96	2,201	31,812	2,01,897	69,66,89,223	4,42,16,54,267	5,11,83,43,490
28,768	7,366	3,17,85,653	20,17,32,943	2,301	6,047	20,87,485	1,32,48,572	0	5,279	0	0	144	3,522	75,990	4,82,286	1,85,18,34,563	11,75,29,76,694	13,60,48,11,257
31,834	3,195	1,52,56,773	9,68,29,650	35,972	2,871	1,54,88,919	9,83,03,006	55,072	2,871	2,37,13,124	15,04,99,292	1,31,791	1,393	2,75,39,928	17,47,86,745	1,66,36,60,616	10,55,86,99,374	12,22,23,59,990
48,924	5,156	3,78,40,817	24,01,63,055	55,284	4,306	3,57,05,882	22,66,13,328	84,638	3,861	4,90,21,493	31,11,23,073	2,02,545	1,964	5,96,82,425	37,87,84,454	4,49,55,40,743	28,53,16,98,581	33,02,72,39,324

Year	Royalty levied on Despatch	Premium levied on Despatch	Royalty and premium leviable against closing balance as on March 2022													
			Above 65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	62-65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	60-62 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable		
(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)		
2020-21	53,49,10,285	3,39,48,97,342	0	8,695	0	0	0	8,341	0	0	0	7,193	0	0		
2021-22	84,53,03,254	5,36,48,58,759	0	8,695	0	0	3,85,702	8,341	48,25,70,432	3,06,27,13,673	3,42,251	7,193	36,92,71,490	2,34,36,43,056		
2020-21	1,88,07,11,982	11,93,62,50,802	0	5,974	0	0	0	5,215	0	0	0	4,523	0	0		
2021-22	3,80,97,32,995	24,17,91,09,459	10,849	5,974	97,22,183	6,17,03,456	1,36,917	5,215	10,71,03,046	67,97,47,329	78,829	4,523	5,34,81,556	33,94,29,609		

Royalty and premium leviable against closing balance as on March 2022														Total royalty collectable	Total premium collectable	Royalty and premium collectable	Short levy of royalty and premium
58-60 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	55-58 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	Below 55 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	(69)	(70)				
(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)		
0	5,780	0	0	0	4,389	0	0	0	3,763	0	0	53,49,10,285	3,39,48,97,342	3,92,98,07,627	1,18,85,35,863		
3,70,670	5,780	32,13,70,890	2,03,96,33,915	0	4,389	0	0	0	3,763	0	0	2,01,85,16,066	12,81,08,49,403	14,82,93,65,469	-1,22,45,54,212		
0	3,764	0	0	0	3,580	0	0	0	1,838	0	0	1,88,07,11,982	11,93,62,50,802	13,81,69,62,784	-1,59,46,02,794		
1,34,351	3,764	7,58,54,597	48,14,23,843	15,578	3,580	83,65,150	5,30,90,817	0	1,838	0	0	4,06,42,59,527	25,79,45,04,514	29,85,87,64,041	3,16,84,75,283		
														Total	153,78,54,140		

Royalty and Premium collectable against closing balance as on March 2022 has been calculated by taking into account the ASP of different grades of iron ore of March 2022

(Source: Annual production reported in i3MS and Average of ASP published by IBM)

Appendix-V

(Refer paragraph - 3.2.1(v) at page 35)

Short levy of royalty and premium due to reporting of lower grades of iron ore – Jaribahal iron ore mine

(Quantity in MT and amount in ₹)

Type of Ore	Name of the mines	Name of the old lessee	Year	Total Average production	Grade wise Production						Name of the Auctioned lessee	Premium Rate	Year	Total production	Grade-wise estimated production based on percentage of old lessee and royalty leviable							
					Above 65 (%)	62-65 (%)	60-62 (%)	58-60 (%)	55-58 (%)	Below 55 (%)					Above 65 (%)	Average ASP	Royalty leviable	Premium leviable	62-65 (%)	Average sale price	Royalty leviable	Premium leviable
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
Lumps	Jaribahal	Patnaik Minerals	2018-20	5,39,839	0	70.41	19.46	10.13	0	0	Kashvi International	150%	2020-21	1,84,800	0	5,603	0	0	1,30,118	5,058	9,87,22,830	98,72,28,304
												150%	2021-22	2,91,448	0	9,838	0	0	2,05,208	8,612	26,51,00,759	2,65,10,07,586
2018-20			5,58,001	0.00	38.24	26.05	2.49	32.70	0.52	150%		2020-21	5,96,232	0	4,136	0	0	2,27,999	3,795	12,97,88,454	1,29,78,84,537	
										150%		2021-22	7,19,877	0	6,753	0	0	2,75,281	6,389	26,38,29,093	2,63,82,90,934	

Grade-wise estimated production based on percentage of old lessee and royalty leviable																		
60-62 (%)	Average ASP	Royalty leviable	Premium leviable	58-60 (%)	Average ASP	Royalty leviable	Premium leviable	55-58 (%)	Average ASP	Royalty leviable	Premium leviable	Below 55 (%)	Average ASP	Royalty leviable	Premium leviable	Total royalty	Total premium	Royalty and premium
(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
35,962	4,402	2,37,43,090	23,74,30,900	18,720	3,513	98,65,343	9,86,53,432	0	3,286	0	0	0	2,232	0	0	13,23,31,263	1,32,33,12,635	1,45,56,43,898
56,716	7,366	6,26,65,159	62,66,51,587	29,524	6,047	2,67,79,041	26,77,90,411	0	5,279	0	0	0	3,522	0	0	35,45,44,958	3,54,54,49,584	3,89,99,94,542
1,55,318	3,339	7,77,82,476	77,78,24,759	14,846	2,974	66,21,764	6,62,17,638	1,94,968	2,974	8,69,60,512	86,96,05,124	3,100	1,457	6,77,535	67,75,355	30,18,30,741	3,01,83,07,412	3,32,01,38,153
1,87,528	5,156	14,50,45,743	1,45,04,57,429	17,925	4,306	1,15,77,037	11,57,70,368	2,35,400	3,861	13,63,40,515	1,36,34,05,148	3,743	1,964	11,03,027	1,10,30,272	55,78,95,415	5,57,89,54,150	6,13,68,49,565

Royalty and premium leviable against closing balance as on March 2022															
Year	Royalty levied on Despatch	Premium levied on Despatch	Above 65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	62-65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	60-62 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	
(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	
2020-21	8,89,35,500	88,93,55,008	0	8,695	0	0	0	8,341	0	0	0	7,193	0	0	
2021-22	12,79,13,312	1,27,91,33,126	0	8,695	0	0	0	8,341	0	0	14,510	7,193	1,56,55,773	15,65,57,727	
2020-21	15,36,45,663	1,53,64,56,630	0	5,974	0	0	0	5,215	0	0	0	4,523	0	0	
2021-22	23,52,14,411	2,35,21,44,105	0	5,974	0	0	0	5,215	0	0	0	4,523	0	0	

Royalty and premium leviable against closing balance as on March 2022														Short levy of royalty and premium	
58-60 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	55-58 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	Below 55 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	Total royalty collectable	Total premium collectable		Royalty and premium collectable
(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)
0	5,780	0	0	0	4,389	0	0	0	3,763	0	0	8,89,35,500	88,93,55,008	97,82,90,508	47,73,53,390
28,811	5,780	2,49,79,449	24,97,94,491	0	4,389	0	0	50,421	3,763	2,84,59,921	28,45,99,207	19,70,08,455	1,97,00,84,551	2,16,70,93,006	1,73,29,01,536
0	3,764	0	0	0	3,580	0	0	0	1,838	0	0	15,36,45,663	1,53,64,56,630	1,69,01,02,293	1,63,00,35,860
26,685	3,764	1,50,66,120	15,06,61,195	25,147	3,580	1,35,03,763	13,50,37,634	12,844	1,838	35,41,100	3,54,10,996	26,73,25,393	2,67,32,53,930	2,94,05,79,323	3,19,62,70,242
														Total	703,65,61,028

Royalty and Premium collectable against closing balance as on March 2022 has been calculated by taking into account the ASP of different grades of iron ore of March 2022 (Source: Annual production reported in i3MS and Average of ASP published by IBM)

Appendix-VI

(Refer paragraph - 3.2.1(vi) at page 37)

Short levy of royalty and premium due to reporting of lower grades of iron ore after auction – Gonua iron ore mine

(Quantity in MT and amount in ₹)

Type of Ore	Name of the mines	Name of the old lessee	Year	Total Average production	Grade wise Production						Name of the Auctioned lessee	Premium Rate	Year	Total production	Grade-wise estimated production based on percentage of old lessee and royalty leviable							
					Above 65 (%)	62-65 (%)	60-62 (%)	58-60 (%)	55-58 (%)	Below 55 (%)					Above 65 (%)	Average ASP	Royalty leviable	Premium leviable	62-65 (%)	Average sale price	Royalty leviable	Premium leviable
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
Lumps	Gonua	PK Ahluwalia	2018-20	2,05,690	0.00	100	0.00	0.00	0.00	0.00	JSW	132%	2020-21	1,12,671	0	5,438	0	0	1,12,671	4,835	8,17,12,765	71,90,72,331
												132%	2021-22	1,21,627	0	9,838	0	0	1,21,627	8,612	15,71,25,360	1,38,27,03,171
2018-20			2,04,660	0.00	100	0.00	0.00	0.00	0.00	132%		2020-21	5,82,487	0	3,838	0	0	5,82,487	3,601	31,46,10,937	2,76,85,76,244	
										132%		2021-22	8,69,418	0	6,753	0	0	8,69,418	6,389	83,32,50,211	7,33,26,01,859	

Grade-wise estimated production based on percentage of old lessee and royalty leviable																		
60-62 (%)	Average ASP	Royalty leviable	Premium leviable	58-60 (%)	Average ASP	Royalty leviable	Premium leviable	55-58 (%)	Average ASP	Royalty leviable	Premium leviable	Below 55 (%)	Average ASP	Royalty leviable	Premium leviable	Total royalty	Total premium	Royalty and premium
(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
0	4,187	0	0	0	3,370	0	0	0	3,167	0	0	0	2,201	0	0	8,17,12,765	71,90,72,331	80,07,85,096
0	7,366	0	0	0	6,047	0	0	0	5,279	0	0	0	3,522	0	0	15,71,25,360	1,38,27,03,171	1,53,98,28,531
0	3,195	0	0	0	2,871	0	0	0	2,871	0	0	0	1,393	0	0	31,46,10,937	2,76,85,76,244	3,08,31,87,181
0	5,156	0	0	0	4,306	0	0	0	3,861	0	0	0	1,964	0	0	83,32,50,211	7,33,26,01,859	8,16,58,52,070

Year	Royalty levied on Despatch	Premium levied on Despatch	Royalty and premium leviable against closing balance as on March 2022												
			Above 65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	62-65 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	60-62 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	
(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	
2020-21	5,15,65,747	45,37,78,569	0	8,695	0	0	0	8,341	0	0	0	7,193	0	0	
2021-22	0	0	0	8,695	0	0	65,367	8,341	8,17,84,272	71,97,01,597	37,175	7,193	4,01,09,664	35,29,65,044	
2020-21	24,14,62,907	2,12,48,73,579	0	5,974	0	0	0	5,215	0	0	0	4,523	0	0	
2021-22	61,78,23,259	5,43,68,44,680	0	5,974	0	0	59,421	5,215	4,64,81,777	40,90,39,636	56,922	4,523	3,86,18,806	33,98,45,489	

Royalty and premium leviable against closing balance as on March 2022														Total royalty collectable	Total premium collectable	Royalty & premium collectable	Short levy of royalty and premium
58-60 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	55-58 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	Below 55 (%)	ASP of Mar 2022	Royalty collectable	Premium collectable	(69)	(70)				
(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)		
0	5,780	0	0	0	4,389	0	0	0	3,763	0	0	5,15,65,747	45,37,78,569	50,53,44,316	29,54,40,780		
62,036	5,780	5,37,85,212	47,33,09,866	11,712	4,389	77,10,595	6,78,53,238	0	3,763	0	0	18,33,89,744	1,61,38,29,745	1,79,72,19,489	-25,73,90,958		
0	3,764	0	0	0	3,580	0	0	0	1,838	0	0	24,14,62,907	2,12,48,73,579	2,36,63,36,486	71,68,50,695		
28,819	3,764	1,62,70,998	14,31,84,787	4,024	3,580	21,60,896	1,90,15,881	0	1,838	0	0	72,13,55,735	6,34,79,30,472	7,06,92,86,207	1,09,65,65,863		
															Total	185,14,66,380	

Royalty and Premium collectable against closing balance as on March 2022 has been calculated by taking into account the ASP of different grades of iron ore of March 2022

(Source: Annual production reported in i3MS and Average of ASP published by IBM)

Appendix-VII

(Refer paragraph 3.2.1 at page 40)

Consolidated statement of short levy of royalty and premium due to reporting of lower grades of iron ore by the six lessees, post-auction

(Quantity in MT/ Amount in ₹)

Name of the Auctioned lessee	Location	Financial Year	Type of Ore	Total production	Royalty and premium leviable	Royalty and premium levied	Short levy of royalty and premium
JSW Ltd.	Jajang	2020-21	Lumps	12,97,520	7,21,85,06,027	4,27,42,26,469	2,94,42,79,558
		2021-22		26,65,436	26,41,32,77,478	20,56,91,03,454	5,84,41,74,024
		2020-21	Fines	48,58,860	20,05,50,92,035	15,79,43,50,004	4,26,07,42,031
		2021-22		95,33,897	64,88,12,97,494	49,15,78,42,031	15,72,34,55,463
					Total	2877,26,51,076	
Narbheram Power and Steel Pvt. Ltd.	Roida-II	2020-21	Lumps	1,36,310	79,32,88,690	82,24,94,341	-2,92,05,651
		2021-22		2,44,121	2,16,78,05,123	1,78,79,52,037	37,98,53,086
		2020-21	Fines	12,74,031	5,77,11,35,152	1,01,75,876	5,76,09,59,276
		2021-22		21,16,051	14,00,21,23,114	17,96,10,13,995	-3,95,88,90,881
					Total	215,27,15,830	
Arcelor Mittal	Thakurani	2020-21	Lumps	5,87,370	3,46,68,33,504	0	3,46,68,33,504
		2021-22		11,33,910	11,91,79,86,885	14,40,14,33,605	-2,48,34,46,720
		2020-21	Fines	30,39,796	13,39,19,87,683	13,93,96,09,593	-54,76,21,910
		2021-22		43,63,978	34,08,05,39,760	34,23,98,15,634	-15,92,75,874
					Total	27,64,89,000	
JSW Ltd.	Nuagaon	2020-21	Lumps	9,63,743	5,11,83,43,490	3,92,98,07,627	1,18,85,35,863
		2021-22		14,38,395	13,60,48,11,257	14,82,93,65,468	-1,22,45,54,211
		2020-21	Fines	31,83,358	12,22,23,59,989	13,81,69,62,784	-1,59,46,02,795
		2021-22		48,92,392	33,02,72,39,323	29,85,87,64,040	3,16,84,75,283
					Total	153,78,54,140	
Kashvi International	Jaribahal	2020-21	Lumps	1,84,800	1,45,56,43,898	97,82,90,509	47,73,53,389
		2021-22		2,91,448	3,89,99,94,542	2,16,70,93,006	1,73,29,01,536
		2020-21	Fines	5,96,232	3,32,01,38,154	1,69,01,02,293	1,63,00,35,861
		2021-22		7,19,877	6,13,68,49,565	2,94,05,79,323	3,19,62,70,242
					Total	703,65,61,028	
JSW Ltd.	Gonua	2020-21	Lumps	1,12,671	80,07,85,096	50,53,44,316	29,54,40,780
		2021-22		1,21,627	1,53,98,28,531	1,79,72,19,488	-25,73,90,957
		2020-21	Fines	5,82,487	3,08,31,87,181	2,36,63,36,485	71,68,50,696
		2021-22		8,69,418	8,16,58,52,070	7,06,92,86,208	1,09,65,65,862
					Total	185,14,66,381	
					Grand Total	4,162,77,37,455	

(Source: Calculated by Audit on the basis of annual production reported in i3MS)

Appendix– VIII
(Refer paragraph 3.2.2 at page 41)
Reporting of iron-ore fines as screened fines

(₹ in Crore)

Name of Circle	Sl. No.	Lessee	Total despatch quantity	Quantity of screen fines despatched in MT	Quantity of Screen fines estimated to be despatched as per declared production prior to 2010 (percentage of total production)	Excess quantity of screen fines reported to be despatched	Royalty			Premium		
							Amount realised	Amount realisable	Short realised	Amount realised	Amount realisable	Short realised
A	B	C	D	E	F	G	H	I	J	K	L	M
Joda	1	Serajuddin_Balda	5,01,23,750.71	3,13,50,885.88	60,14,854.73	2,53,36,038.15	752.51	1,536.34	783.83			
	2	Indrani Patnaik Unchabali	2,48,32,610.39	1,57,24,886.18	17,38,287.52	1,39,86,605.66	481.88	836.83	354.95			
	3	Rungta_Jajang	5,98,46,049.45	3,88,11,587.39	0	0	1,111.89	2,250.82	1,138.93			
	4	KN Ram_Roida_II	1,26,69,435.11	95,36,185.76	0	0	266.38	523.62	257.24			
	5	Keypee_Thakurani	2,57,31,522.63	2,01,22,791.68	0	0	561.16	1,152.24	591.08			
	6	KJS Ahluwalia Nuagaon	3,22,66,019.72	1,72,25,057.06	0	0	496.28	965.77	469.49			
	7	ESSEL Jilling	1,30,61,751.30	27,24,375.05	0	0	96.25	193.75	97.50			
	8	Tarini Minerals Deojhar	33,64,408.93	22,75,190.46	0	0	62.84	106.33	43.49			
	9	Patnaik Minerals Jaribahal	24,22,430.70	11,30,351.23	0	0	28.51	51.43	22.92			
	10	T P Mohanty Naibega	26,71,607.65	11,44,762.76	0	0	29.54	44.56	15.02			
Koira	11	Jindal TRB	1,73,34,168.60	96,18,326.08	6,93,366.74	89,24,959.34	281.27	453.38	172.11			
	12	OMC Kurmitar	1,94,50,023.87	64,58,406.93	0	0	335.31	589.78	254.47			
	13	AMTC Narayanposi	2,09,15,139.61	1,25,11,001.12	87,84,358.63	37,26,642.49	65.33	118.40	53.07			
	14	BICO Nadidihi	1,54,59,512.55	1,11,30,056.31	35,22,554.10	76,07,509.20	323.36	452.12	128.76			
	15	Rungta Orghat	2,59,82,893.27	1,70,52,281.33	70,15,381.18	1,00,36,900.15	533.65	866.99	333.34			
	16	PTA Raikela	65,41,604.89	9,46,291.81	0	0	23.42	33.38	9.96			
	17	MGM Petabeda	43,61,839.01	15,97,333.42	87,236.78	15,10,096.64	84.37	119.13	34.76			
	18	Geetarani Raikela	48,23,484.02	30,65,419.49	0	0	198.37	267.71	69.34			
	19	ESSEL Koira Iron Mines	2,87,33,133.66	1,43,61,213.40	0	0	472.41	844.03	371.62			
Joda	20	JSW Jajang	1,50,69,323.03	1,29,04,512.77	0	0	707.75	989.89	282.14	5,190.18	7,259.17	2,068.99
	21	JSW Nuagaon	90,02,758.87	69,11,862.79	0	0	491.64	665.44	173.80	3,120.28	4,223.35	1,103.07
Koira	22	JSW Gonua	13,60,727.63	12,63,688.97	0	0	82.10	114.25	32.15	722.51	1,005.37	282.86
	23	JSW Narayanposi	71,58,737.23	58,41,877.89	0	0	378.13	529.96	151.83	2,484.30	3,481.82	997.52
Total			40,31,82,932.83	24,37,08,345.76	2,78,56,039.68	7,11,28,751.63	7,864.35	13,706.15	5,841.80	11,517.27	15,969.71	4,452.44

(Source: Information furnished by the DDMs)

Appendix-IX

(Refer paragraph 3.3.2 at page 51)

Ex-Mines Prices (PMV) of Lessees (FY 2015-16) worked out from the total sale values and quantities furnished to IBM, in F1 Returns
(Amount in ₹)

62% - 65%-Fines		April 2015			May 2015			June 2015			July 15			August 2015			September 2015			October 2015			November 2015			December 2015			January 2016			February 2016			March 2016				
Name of Lessee/Mine/ Circle	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM						
	Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate								
Joda	Serajuddin, Balda	1,800	1,800	1,861	1,600	1,800	1,785	1,600	1,800	1,582	1,600	1,600	1,598	1,500	1,600	1,552	1,400	1,500	1,455	1,400	1,600	1,481	1,400	1,600	1,476	1,400	1,450	1,436	0	0	1,399	0	0	1,283	1,200	1,250	1,180		
	Kaypee, Thakurani	0	0		1,600	1,725		1,600	2,000		1,600	4,105		1,600	1,980		1,500	1,980		1,500	1,920		1,500	1,915		1,350	1,700		1,325	1,630		1,212	1,630		1,175	1,575			
	K.N. Ram, Roida-II	0	0		1,400	1,400		800	1,950		1,400	1,950		1,400	1,950		1,362	1,950		1,300	1,750		1,400	1,950		1,025	1,500		1,093	1,500		1,075	1,500		1,075	1,500			
	Indrani Patnaik, Unchabali	1,800	1,800		1,500	1,800		1,500	1,500		1,500	1,500		1,400	1,500		1,400	1,500		1,400	1,400		1,400	1,550		1,250	1,550		1,250	1,400		1,250	1,400		1,200	1,250		1,200	1,250
	KJS Ahluwalia, Nuagaon	0	0		1,400	1,400		1,600	2,075		1,550	2,075		1,550	2,075		1,500	1,880		1,450	1,965		1,500	1,850		1,700	1,965		1,630	1,700		1,150	1,630		1,150	1,575			
Rungta, Jajang	1,652	2,429	1,653	2,937	1,302	2,108	1,319	2,594	1,475	2,588	1,158	1,776	1,359	1,893	1,307	1,723	1,208	1,719	1,488	1,721	1,058	1,717	1,010	1,661	1,010	1,661													
Koirā	Essel, Nuagaon	0	0	0	0	2,096	2,116	2,079	2,138	1,484	2,075	1,327	1,892	1,520	1,941	1,678	1,680	1,677	1,704	1,339	1,706	1,176	1,554	1,179	1,566														
	BICO Ltd., Nadidihi	0	0	1,819	2,372	1,442	2,271	1,453	2,329	969	2,178	807	1,893	0	0	1,579	1,779	1,583	1,583	0	0	1,574	1,576	825	1,589														
	Feegrade, Rengalibeda	0	0	1,839	2,392	2,057	2,180	0	0	1,472	2,154	1,962	1,962	1,749	1,749	1,267	1,488	1,560	1,560	0	0	0	0	836	1,865														
	Rungta Sons, Oraghat	1,206	2,090	0	0	1,301	2,382	1,482	2,344	964	2,293	883	2,084	1,717	2,087	1,403	2,079	1,553	1,554	1,523	1,933	1,544	1,544	830	1,590														
	S.N. Mohanty, Jaldihī	1,800	1,850	1,600	18.50	1,525	1,850	1,500	1,650	1,400	1,800	1,400	1,500	1,400	1,500	1,400	1,500	1,420	1,500	1,310	1,500	1,300	1,310	1,160	1,300	1,160	1,300												

62% - 65%-Lumps		April 2015			May 2015			June 2015			July 15			August 2015			September 2015			October 2015			November 2015			December 2015			January 2016			February 2016			March 2016		
Name of Lessee/Mine/ Circle	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM				
	Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate						
Joda	Serajuddin, Balda	1,800	4,400	3,740	1,600	4,400	3,521	1,600	4,400	3,302	1,600	3,550	3,139	1,500	3,550	2,823	1,400	3,250	2,597	1,400	3,133	2,434	1,400	2,900	2,223	1,400	2,600	1,907	1,400	2,150	1,910	1,550	2,150	1,900	1,300	2,150	2,047
	Kaypee, Thakurani	0	0		2,700	2,700		2,700	3,800		2,700	3,700		2,700	3,400		2,300	2,950		2,375	2,980		1,850	2,980		1,700	2,250		1,500	2,300		1,500	2,300		1,500	2,300	
	K.N. Ram, Roida-II	0	0		0	0		3,800	3,800		3,800	3,900		3,100	3,900		2,800	3,400		2,800	3,050		2,525	3,050		2,000	2,775		2,000	2,500		1,475	2,350		2,125	2,500	
	Indrani Patnaik, Unchabali	3,700	4,400		3,150	4,400		2,950	3,650		2,900	3,300		2,500	3,300		2,450	3,000		2,350	2,700		2,000	2,400		1,800	2,150		1,850	2,100		1,900	2,150		1,900	2,000	
	KJS Ahluwalia, Nuagaon	0	0		0	0		2,350	3,500		2,350	4,100		2,350	3,700		2,200	3,600		2,000	2,900		1,850	2,875		1,800	2,450		1,700	2,450		1,700	2,450		1,700	2,618	
Rungta, Jajang	3,600	5,353	3,000	5,550	3,100	5,150	2,950	4,850	2,150	3,450	1,750	3,272	1,550	3,240	1,300	2,817	1,200	2,421	1,200	2,417	1,200	2,414	1,200	2,414	1,200	2,414	1,200	2,414	1,200	2,414	1,350	2,611					
Koirā	Essel, Nuagaon	4,100	4,874	4,068	4,541	3,747	4,173	3,893	3,946	3,112	3,781	2,113	3,231	2,105	3,132	2,267	2,908	1,463	2,517	1,459	2,496	1,311	2,346	1,983	2,645												
	BICO Ltd. Nadidihi	0	0	0	0	2,900	2,900	2,750	3,900	2,450	3,888	1,829	3,218	0	0	1,700	2,837	2,000	2,455	2,000	2,498	1,900	2,483	2,150	2,373												
	Feegrade, Rengalibeda	0	0	3,899	4,105	3,600	4,114	3,719	3,928	3,300	3,614	2,290	3,276	2,150	3,228	1,933	2,642	2,250	2,488	2,000	2,506	2,170	2,533	2,150	2,729												
	Rungta Sons, Oraghat	3,900	3,900	3,600	3,600	4,100	4,115	3,701	3,900	2,712	3,237	2,650	3,289	2,150	3,131	1,700	2,379	1,600	2,250	1,700	2,314	1,450	2,512	1,550	2,844												
	S.N. Mohanty, Jaldihī	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,200	2,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

(Source: Information furnished by the DDMs)

Ex-Mines Prices (PMV) of Lessees (FY 2016-17), worked out from the total sale values and quantities furnished to IBM, in F1 Returns

62% - 65%-Fines		April 2016			May 2016			June 2016			July 2016			August 2016			September 2016			October 2016			November 2016			December 2016			January 2017			February 2017			March 2017					
Name of Lessee/Mine/ Circle		Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM			
		Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate								
Joda	Serajuddin, Balda	1,200	1,300		1,100	1,250		1,100	1,200		1,100	1,200		975	1,100		975	1,150		975	1,200		975	1,200		975	1,200		975	1,200		975	1,350		975	1,350		975	1,350	
	Kaypee, Thakurani	1,175	1,515		1,115	1,475		1,100	1,515		1,090	1,425		980	1,360		978	1,490		796	1,490		1,040	1,640		1,040	1,640		1,040	1,640		1,040	3,542		1,100	3,542		1,100	3,542	
	K.N. Ram, Roida-II	1,153	1,875		1,153	1,400		1,150	1,400		1,150	1,400		1,150	1,400		1,150	1,350		1,200	1,250		1,200	1,350		1,350	1,550		1,350	1,450		1,350	1,500		1,350	1,500		1,350	1,500	
	Indrani Patnaik, Unchabali	1,078	1,123		947	1,076		952	1,082		918	1,061		761	1,033		1,100	1,400		1,100	1,450		1,128	1,450		1,150	1,450		1,300	1,525		1,300	1,625		1,300	1,625		1,300	1,625	
	KJS Ahluwalia, Nuagaon	1,150	1,150		1,090	1,500		682	1,300		1,050	1,325		1,050	1,325		1,050	1,410		1,050	1,510		1,150	1,560		1,175	1,560		1,175	1,650		1,260	1,650		1,260	1,650		1,260	1,650	
	Rungta, Jajang	1,004	1,652	1,132	1,008	1,560	1,071	1,357	1,468	1,086	953	1,559	1,035	958	1,466	1,003	910	1,464	985	1,102	1,623	1,083	1,100	1,761	1,147	1,005	1,591	1,113	1,010	1,721	1,189	1,009	1,714	1,173	1,011	1,879	1,314			
Koirā	Essel, Nuagaon	1,188	1,763		1,087	1,764		954	1,468		952	1,494		952	1,485		977	1,564		1,152	1,736		1,154	1,745		1,057	1,644		1,189	1,652		1,275	1,657		1,280	1,802				
	BICO Ltd., Nadidihi	821	1,584		827	1,300		831	1,300		833	1,467		706	1,475		703	1,535		1,130	1,529		1,101	1,552		1,108	1,549		1,191	1,889		1,192	1,688		1,193	1,594				
	Feegrade, Rengalibeda	831	1,781		823	1,300		836	838		836	1,477		708	1,474		706	1,562		844	1,571		1,112	1,476		1,199	1,904		1,196	1,890		1,236	1,949							
	Rungta Sons, Oraghat	827	1,360		831	1,769		830	1,459		830	1,469		834	1,568		989	1,573		993	1,774		804	1,774		695	1,565		803	1,862		928	1,891		1,049	1,922				
	S.N. Mohanty, Jaldihī	1,150	1,200		1,100	1,160		875	1,150		1,000	1,145		1,000	1,000		1,000	1,100		1,050	1,100		1,000	1,100		1,050	1,100		1,000	1,186		1,000	1,225		1,025	1,250				

62% - 65%-Fines		April 2016			May 2016			June 2016			July 2016			August 2016			September 2016			October 2016			November 2016			December 2016			January 2017			February 2017			March 2017		
Name of Lessee/Mine/ Circle		Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM
		Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate					
Joda	Serajuddin, Balda	1,300	2,150		1,300	2,150		1,200	2,150		1,100	2,150		1,100	2,000		1,100	2,000		1,100	2,157		1,100	2,500		1,100	2,500		1,100	2,700		1,100	2,700		1,100	3,000	
	Kaypee, Thakurani	1,700	2,475		1,200	2,450		1,500	2,450		1,500	2,200		1,500	2,250		1,500	2,150		1,400	2,350		1,400	2,850		1,400	2,850		1,400	2,850		1,400	2,850		2,200	3,300	
	K.N. Ram, Roida-II	2,125	2,500		2,275	2,500		2,075	2,500		2,075	2,300		2,075	2,300		2,075	2,325		2,075	2,925		2,075	2,925		2,608	2,925		2,700	3,225		2,350	3,225		2,900	3,200	
	Indrani Patnaik, Unchabali	1,778	1,878		1,601	1,877		1,522	1,902		1,518	1,866		1,490	1,880		1,850	2,350		1,850	2,800		1,920	2,850		2,100	2,850		2,150	2,850		2,436	2,850		2,400	3,350	
	KJS Ahluwalia, Nuagaon	1,800	2,618		1,800	2,550		1,400	2,450		1,400	2,325		1,300	2,325		1,300	2,325		1,300	2,850		1,500	2,850		1,500	3,025		1,500	3,025		1,500	3,025		2,450	3,500	
	Rungta, Jajang	1,350	2,607	1,971	1,200	2,606	1,866	1,000	2,504	1,745	1,000	2,392	1,746	1,433	2,410	1,729	1,250	2,669	1,744	1,250	3,190	2,020	1,697	3,193	2,119	1,437	3,332	2,193	1,437	3,689	2,343	1,428	3,709	2,376	1,673	4,374	2,553
Koirā	Essel, Nuagaon	2,147	2,619		2,054	2,471		1,947	2,397		2,047	2,397		1,927	2,286		1,955	2,562		2,722	3,060		1,880	3,144		1,679	2,913		2,301	3,348		2,942	3,329		3,246	3,800	
	BICO Ltd., Nadidihi	2,050	2,169		2,050	2,560		2,000	2,000		1,000	2,259		1,000	2,055		1,000	2,163		1,000	3,229		1,000	3,183		2,450	3,000		2,900	3,355		2,900	3,600		3,000	4,000	
	Feegrade Rengalibeda	2,150	2,450		2,000	2,576		1,900	2,591		1,900	2,250		1,440	2,250		1,872	2,608		1,950	3,255		800	3,245		2,150	3,000		1,950	3,377		1,950	8,018		3,000	4,022	
	S.N. Mohanty, Jaldihī	1,600	1,600		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0	
	Rungta Sons, Oraghat	1,550	2,450		1,450	2,350		1,000	2,350		1,400	2,250		1,250	2,250		1,400	2,514		1,250	3,000		2,150	3,227		2,150	3,000		2,465	3,356		2,600	3,600		2,650	4,011	

(Source: Information furnished by the DDMs)

Ex-Mines Prices (PMV) of Lessees (FY 2017-18), worked out from the total sale values and quantities furnished to IBM, in F1 Returns

62% - 65%-Fines		April 2017			May 2017			June 2017			July 2017			August 2017			September 2017			October 2017			November 2017			December 2017			January 2018			February 2018			March 2018				
Name of Lessee/Mine/ Circle	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM			
	Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate					
Joda	Serajuddin, Balda	1,050	1,450	1,277	994	1,450	1,285	1,050	1,250	1,206	1,050	1,250	1,161	950	1,100	1,127	950	1,300	1,264	950	1,300	1,283	950	1,300	1,309	950	1,350	1,435	0	0	1,875	1,250	1,250	2,050	1,000	2,000	1988		
	Kaypee, Thakurani	1,225	1,865		1,305	1,950		1,150	1,750		975	1,615		975	1,575		975	1,78,5		1,100	1,785		1,150	1,785		1,175	1,814		1,200	2,610		1,600	2,610		1,600	2,675			
	K.N. Ram, Roida-II	1,450	1,650		1,446	1,650		1,280	1,650		1,250	1,675		1,200	1,525		1,200	1,600		1,400	1,600		1,400	1,600		1,500	1,800		1,725	2,350		1,800	2,400		2,175	2,475			
	Indrani Patnaik, Unchabali	1,500	1,725		1,300	1,725		1,250	1,550		1,100	1,500		1,034	1,545		1,050	1,725		1,050	1,450		1,050	1,742		1,050	1,744		1,350	2,131		1,050	2,300		1,400	2,600			
	KJS Ahluwalia, Nuagaon	1,260	3,600		1,300	1,825		1,302	3,065		1,140	1,575		1,100	1,645		1,100	1,745		1,100	1,745		1,100	2,400		1,100	2,550		1,100	2,570		1,100	2,570		1,600	2,570		1,600	2,570
	Rungta, Jajang	1,010	1,785		1,010	1,746		998	1,651		1,005	1,665		1,007	1,771		992	1,880		994	1,772		1,112	1,982		1,115	2,662		1,103	2,720		1,105	2,568		1,606	2,681		1,606	2,681
Koira	Essel, Nuagaon	1,431	1,800	1,273	1,794	1,170	1,640	1,094	1,494	1,094	1,635	1,389	1,795	1,288	1,792	1,284	1,878	1,085	2,277	0	0	2,198	2,219	2,062	2,608														
	BICO Ltd., Nadiidih	1,203	1,942	1,112	1,939	1,004	1,938	1,000	1,921	1,000	1,942	1,365	1,887	1,000	1,671	1,000	1,981	1,251	2,635	1,252	2,737	1,255	2,752	1,255	2,318														
	Feegrade, Rengalibeda	1,206	1,940	1,011	1,943	1,014	3,339	1,000	1,768	1,000	1,588	1,000	1,826	1,000	1,827	956	1,922	953	1,770	1,253	2,307	1,253	2,755	1,252	2,764														
	Rungta Sons, Oraghat	1,007	1,813	981	1,927	896	1,781	802	1,769	1,075	1,817	1,100	1,970	1,200	1,975	1,200	1,974	1,251	2,556	1,297	2,843	1,251	2,883	1,249	2,828														
	S.N. Mohanty, Jaldih	1,025	1,350	1,200	1,350	1,000	1,250	1,000	1,250	900	1,225	900	1,266	900	1,375	900	1,375	900	1,575	900	2,200	900	2,200	900	2,200														

62% -65%-Lumps		April 2017			May 2017			June 2017			July 2017			August 2017			September 2017			October 2017			November 2017			December 2017			January 2018			February 2018			March 2018				
Name of Lessee/Mine/ Circle	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM			
	Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate					
Joda	Serajuddin, Balda	1,100	3400	2,759	1,100	3,400	2,710	1,100	2,700	2,451	1,100	2,700	2,413	1,100	2,700	2,348	1,100	3,200	2,604	1,100	3,200	2,628	1,100	3,200	2,711	1,400	3,400	2,992	0	0	3,825	0	0	3,915	1,400	5,050	3889		
	Kaypee, Thakurani	2,500	3,600		2,500	3,400		1,800	2,639		2,150	2,800		2,000	2,951		2,000	2,950		2,000	3,250		2,000	3,250		2,350	4,000		2,500	4,900		3,350	4,775		3,450	4,675			
	K.N. Ram, Roida-II	3,201	3,600		3,133	3,825		3,000	3,600		2,850	3,225		2,850	3,600		2,850	3,625		3,400	3,625		3,400	3,625		3,400	4,025		3,400	5,325		3,400	5,325		4,650	5,325			
	Indrani Patnaik, Unchabali	2,550	3,700		2,550	3,700		2,450	3,100		2,226	3,000		2,300	3,050		2,500	3,300		2,600	3,308		2,600	3,600		2,600	3,550		2,600	4,800		2,825	4,457		3,000	4,980			
	KJS Ahluwalia, Nuagaon	2,500	3,900		2,500	3,978		2,300	3,250		2,300	3,150		2,300	3,150		2,300	3,450		2,300	3,450		2,300	3,750		2,300	3,650		2,350	4,000		2,350	5,400		3,300	5,500		3,300	5,500
	Rungta, Jajang	1,706	4,270		1,692	4,274		1,674	3,750		1,598	3,500		1,590	3,501		1,694	3,900		1,697	4,218		2,059	4,300		1,708	5,041		1,481	5,936		1,706	5,887		1,614	5,726			
Koira	Essel, Nuagaon	3,674	3,811	3,361	3,826	3,063	3,573	2,884	3,377	2,890	3,592	3,494	4,003	3,294	3,864	3,284	3,686	3,686	4,502	0	0	5,076	5,130	4,876	5,417														
	BICO Ltd., Nadiidih	3,000	4,000	2,992	3,920	3,100	3,660	1,000	3,200	1,000	2,075	1,000	3,850	1,000	3,800	1,000	3,800	1,000	4,641	1,000	5,547	1,000	5,500	1,000	5,500														
	Feegrade, Rengalibeda	3,047	4,000	3,000	3,700	2,700	3,700	2,961	3,200	1,000	3,800	1,000	3,833	1,000	3,800	1,000	3,800	1,000	4,984	1,000	5,628	1,000	5,606	1,000	5,500														
	Rungta Sons, Oraghat	2,700	4,049	2,250	4,000	2,297	3,700	2,200	3,200	2,200	3,800	2,800	3,800	2,800	3,800	2,800	3,800	2,755	5,048	2,950	5,500	3,350	5,500	4,458	5,500														

(Source: Information furnished by the DDMs)

Ex-Mines Prices (PMV) of Lessees (FY 2018-19), worked out from the total sale values and quantities furnished to IBM, in F1 Returns

62% - 65%-Fines		April 2018			May 2018			June 2018			July 2018			August 2018			September 2018			October 2018			November 2018			December 2018			January 2019			February 2019			March 2019		
Name of Lessee/Mine/ Circle		Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM			
		Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate					
Joda	Serajuddin, Balda	950	2,000		950	2,000		950	1,850		1,700	1,900		950	2,000		950	2,700		1,900	2,700		950	2,700		1,428	2,700		950	2,700		1,600	2,000		1,600	2,200	
	Kaypee, Thakurani	1,600	2,525		1,600	2,275		1,600	2,300		1,600	2,550		1,800	2,800		1,800	3,225		2,275	3,225		2,490	3,225		1,800	2,975		1,600	2,975		1,600	2,680		1,800	2,350	
	K.N. Ram, Roida-II	1,900	2,400		1,700	2,298		1,825	2,125		1,900	2,125		2,125	2,292		2,250	2,699		2,125	3,200		2,125	3,200		2,047	2,700		1,825	2,700		1,900	2,350		1,950	2,550	
	Indrani Patnaik, Unchabali	1,400	2,200		1,850	2,200		1,750	2,200		1,750	2,300		1,869	2,500		1,900	2,800		1,950	3,050		1,950	3,050		1,800	2,830		1,800	2,529		1,800	2,220		1,800	2,200	
	KJS Ahluwalia, Nuagaon	1,875	2,475		1,815	2,220		1,257	2,290		1,900	2,500		1,940	2,690		2,225	3,015		2,575	3,335		2,500	3,335		2,000	2,910		1,800	2,185		1,800	2,335		1,850	2,635	
	Rungta, Jajang	1,404	2,541	1,877	1,317	2,522	1,830	1,169	2,689	1,862	1,290	2,877	2,011	1,746	3,162	2,138	1,753	3,953	2,344	1,807	3,447	2,507	1,919	3,531	2,713	2,026	3,570	2,323	1,707	3,138	1,956	1,701	3,152	1,974	1,682	3,116	1,999
Koira	Essel, Nuagaon	2,064	2,551		1,979	2,434		1,997	2,574		2,312	3,008		2,529	3,492		3,138	4,017		3,219	3,711		2,705	4,288		2,083	3,220		1,658	4,915		2,093	3,197		2,228	2,899	
	BICO Ltd., Nadidihi	1,713	2,778		1,530	2,786		1,252	2,873		1,547	2,638		1,502	2,677		3,045	3,537		1,920	3,549		2,108	3,785		2,103	3,517		1,856	3,105		1,803	2,554		1,804	2,402	
	Feegrade, Rengalibeda	1,256	2,083		1,254	2,035		1,639	2,471		1,655	2,641		1,659	2,632		1,931	3,561		1,923	3,566		2,106	3,555		2,060	3,546		1,863	3,568		1,801	3,156		1,811	2,412	
	Rungta Sons, Oraghat	1,706	2,796		1,529	2,376		1,641	3,051		1,658	3,221		2,163	3,223		1,790	4,391		1,917	4,166		2,097	4,035		2,049	3,547		1,846	3,541		1,797	3,121		1,803	2,383	
	S.N. Mohanty, Jaldihi	900	2,200		900	1,950		900	1,825		900	2,125		900	2,231		2,125	2,800		1,825	2,800		1,875	2,693		1,996	2,900		1,700	2,200		1,700	2,159		1,807	2,267	

62% - 65%-Lumps		April 2018			May 2018			June 2018			July 2018			August 2018			September 2018			October 2018			November 2018			December 2018			January 2019			February 2019			March 2019		
Name of Lessee/ Mine/ Circle		Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM			
		Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate					
Joda	Serajuddin, Balda	1,400	5,050		1,350	4,500		1,350	4,400		1,350	4,600		1,350	4,600		1,350	5,500		1,350	5,500		1,350	5,500		1,800	5,400		1,800	4,600		1,800	4,100		1,800	4,100	
	Kaypee, Thakurani	3,450	4,475		2,850	4,475		2,850	4,650		2,850	4,850		2,850	5,000		3,800	5,400		3,800	5,400		3,800	5,300		3,500	5,300		2,575	4,375		3,275	4,250		3,400	4,250	
	K.N. Ram, Roida-II	4,650	5,325		4,650	4,875		4,650	4,875		4,650	5,000		4,650	5,000		4,650	5,700		4,500	6,050		4,500	5,800		3,400	5,800		3,400	5,800		3,400	4,900		3,900	4,750	
	Indrani Patnaik, Unchabali	3,300	4,600		3,300	4,800		3,300	4,800		4,000	4,900		4,120	5,000		4,170	5,800		4,500	6,000		4,170	5,072		3,800	5,700		3,550	5,500		3,200	5,500		3,200	5,650	
	KJS Ahluwalia, Nuagaon	3,050	5,400	3,685	3,700	5,200	3,878	3,000	5,200	4,094	3,000	5,300	4,301	3,000	5,300	4,227	3,000	5,500	4,585	3,000	6,075	4,672	3,000	5,900	4,732	3,050	5,500	4,318	2,650	5,100	3,947	2,100	4,500	3,689	1,855	9,148	3,703
	Rungta, Jajang	2,970	5,400		2,551	5,400		2,587	5,848		2,788	6,016		2,421	6,229		2,777	9,782		2,771	7,100		3,286	7,100		3,100	6,856		2,200	5,800		2,500	5,103		2,500	5,582	
Koira	Essel, Nuagaon	4,772	5,150		4,667	5,295		4,788	5,390		4,937	5,761		5,249	5,997		6,257	6,812		6,001	6,527		4,751	6,020		4,030	4,973		4,008	4,554		4,249	5,366		4,343	4,977	
	BICO Ltd., Nadidihi	1,000	5,400		1,000	5,300		2,100	5,500		5,770	5,800		2,100	5,800		2,100	7,000		2,200	7,000		2,800	7,000		2,800	6,099		4,600	5,133		2,550	5,400		1,900	5,400	
	Feegrade, Rengalibeda	1,000	5,300		1,000	5,300		1,000	5,500		2,100	5,826		2,100	6,163		2,100	7,000		2,200	7,000		2,200	7,000		2,800	5,600		2,000	5,228		2,000	5,400		1,900	5,274	
	Rungta Sons, Oraghat	4,300	5,300		4,300	5,300		3,759	5,500		3,818	5,800		4,100	5,951		4,300	7,000		4,300	7,000		4,300	7,000		4,300	7,000		3,100	4,981		1,900	5,400		1,900	5,400	

(Source: Information furnished by the DDMs)

Ex-Mines Prices (PMV) of Lessees (FY 2019-20), worked out from the total sale values and quantities furnished to IBM in F1, Returns

62% - 65%-Fines		April 2019			May 2019			June 2019			July 2019			August 2019			September 2019			October 2019			November 2019			December 2019			January 2020			February 2020			March 2020		
Name of Lessee/Mine/ Circle		Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM			
		Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate					
Joda	Serajuddin, Balda	1600	2200	1883	1,600	2,001	1,874	1,600	2,000	1,931	1,600	2,000	1,961	1,600	2,000	1,979	1,600	2,000	1,849	1,600	2,000	1,764	1,600	1,800	1,730	1,600	1,900	1,816	1,600	1,900	1,989	1,650	2,300	2,056	1,650	2,300	2,111
	Kaypee, Thakurani	1700	2350		1,700	2,250		1,800	2,325		1,800	2,465		1,800	2,465		1,500	2,375		1,500	2,175		1,500	2,150		1,543	2,275		1,800	2,500		1,800	2,650		1,800	2,575	
	K.N. Ram, Roida-II	1875	2250		1,900	2,250		1,921	2,400		1,950	2,450		1,950	2,460		1,775	2,500		1,775	2,200		1,775	2,245		1,800	2,408		1,925	2,690		1,925	2,577				
	Indrani Patnaik, Unchabali	1800	3150		1,800	3,150		1,800	3,150		1,800	3,217		1,800	3,350		1,800	3,200		1,750	2,173		1,750	2,100		1,750	2,134		1,750	2,350		1,750	3,760		1,850	3,760	
	KJS Ahluwalia, Nuagaon	1850	2560		1,800	2,325		1,850	2,460		1,850	2,500		1,800	2,500		1,725	2,375		1,717	2,375		1,700	2,125		1,700	2,459		2,100	2,535		2,100	2,515		2,100	2,595	
	Rungta, Jajang	1707	2513		1,688	2,463		1,690	2,332		1,790	2,423		1,795	2,423		1,691	2,408		1,595	1,671		1,588	1,611		0	1,612		1,612	2,013		2,013	2,013		2,013	0	
Koira	Essel, Nuagaon	2034	2740	1883	1,889	2,804	1,874	2,283	2,785	1,931	2,288	2,809	1,961	2,126	2,800	1,979	2,133	2,653	1,849	2,138	2,644	1,764	2,132	2,650	1,730	2,129	2,799	1,816	2,444	3,086	1,989	2,582	3,099	2,056	2,575	3,099	2,111
	BICO Ltd., Nadidihi	1847	2193		1,846	2,411		1,853	2,427		1,846	2,339		1,853	2,356		1,603	2,430		1,353	1,904		1,353	2,345		1,355	2,603		1,354	2,813		1,353	2,795		1,605	2,290	
	Feegrade, Rengalibeda	1855	2205		1,858	2,397		1,862	2,418		1,853	2,572		1,854	2,481		1,602	2,416		1,392	2,259		1,352	2,346		1,353	2,202		1,352	2,415		1,303	2,904		1,354	2,915	
	Rungta Sons, Oraghat	1845	2707		1,845	2,706		1,840	2,732		1,843	2,705		1,847	2,687		1,344	2,687		1,347	2,396		1,303	2,400		1,345	2,716		1,345	2,778		1,347	2,908		1,344	2,635	
	S.N. Mohanty, Jaldihi	1500	2906		1,500	2,000		1,800	2,150		1,500	2,128		1,500	2,125		1,500	2,020		1,200	1,750		1,200	1,750		1,200	1,861		1,267	2,181		1,293	2,250		1,300	2,229	

62% - 65%-Lumps		April 2019			May 2019			June 2019			July 2019			August 2019			September 2019			October 2019			November 2019			December 2019			January 2020			February 2020			March 2020				
Name of Lessee/Mine/ Circle		Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM					
		Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate							
Joda	Serajuddin, Balda	1,800	4,100	3,600	1,800	4,100	3,466	1,800	4,100	3,468	1,800	4,100	3,381	1,800	4,100	3,417	1,800	4,000	3,138	1,800	4,100	3,277	1,850	3,700	3,189	1,850	4,000	3,160	1,850	4,000	3,409	1,850	4,000	3,672	1,850	4,000	3,553		
	Kaypee, Thakurani	3,100	4,200		3,100	4,000		3,300	4,150		3,300	4,000		3,000	3,800		2,800	3,800		2,800	3,600		2,800	3,400		2,934	3,550		3,000	4,200		3,000	4,200		3,000	4,131			
	K.N. Ram, Roida-II	3,300	4,400		3,800	4,750		3,100	4,700		3,100	4,300		3,000	4,350		3,000	4,100		3,000	4,000		3,000	4,250		3,600	4,650		3,600	5,450		3,900	5,300		3,900	5,350			
	Indrani Patnaik, Unchabali	3,150	5,450		3,600	5,450		3,500	5,450		3,500	5,600		3,050	5,600		2,850	3,900		2,842	3,550		2,850	3,900		2,850	4,075		2,850	4,650		3,300	4,250		3,300	4,250			
	KJS Ahluwalia, Nuagaon	2,200	4,300		2,200	4,450		2,200	4,500		2,124	4,500		2,200	4,150		2,200	4,150		2,200	4,150		1,850	4,150		1,850	4,150		1,850	4,590		2,270	4,800		2,300	4,800		3,000	5,000
	Rungta, Jajang	2,300	5,378		2,000	4,739		2,200	4,177		2,000	3,904		2,000	4,649		2,100	4,656		2,603	4,243		2,890	3,417		2,100	4,967		2,105	5,444		2,100	5,367		2,118	4,084			
Koira	Essel, Nuagaon	3,811	4,828	3,600	3,803	4,813	3,466	4,104	4,839	3,468	3,903	4,160	3,381	3,931	4,146	3,417	3,706	4,454	3,138	3,708	3,950	3,277	3,705	4,456	3,189	3,709	4,542	3,160	4,409	5,543	3,409	4,809	5,563	3,672	5,046	5,544	3,553		
	BICO Ltd., Nadidihi	1,900	4,899		2,550	4,500		2,500	4,800		2,500	4,641		2,500	2,900		2,900	4,000		2,750	2,900		2,900	4,000		3,050	3,050		0	3,050		3,050	2,175		4,350				
	Feegrade, Rengalibeda	2,000	5,200		2,000	4,515		1,700	4,800		1,673	4,481		1,600	4,300		2,000	4,500		1,700	4,350		1,700	4,350		1,800	4,350		1,800	4,350		1,700	5,045		2,300	5,045			
	Rungta Sons, Oraghat	2,500	5,200		1,850	4,583		1,850	4,800		1,850	4,649		1,850	4,340		2,000	4,461		1,900	4,350		1,900	4,350		1,900	4,350		1,900	4,400		1,900	4,350		1,900	5,098			

(Source: Information furnished by the DDMs)

Ex-Mines Prices (PMV) of Lessees (FY 2020-21), worked out from the total sale value sand quantities furnished to IBM, in F1 Returns

62% - 65%-Fines		April 2020			May 2020			June 2020			July 2020			August 2020			September 2020			October 2020			November 2020			December 2020			January 2021			February 2021			March 2021		
Name of Lessee/Mine/ Circle		Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM
		Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate					
Joda	Serajuddin, Balda	1,750	1,750		1,750	1,750		1,750	1,750		1,750	1,900		1,650	1,950		1,750	1,900		1,900	1,900		0	0		0	0		2,044	2,044		2,044	2,044		1,985	2,044	
	Arcelor Mittal, Thakurani	0	0		0	0		0	0		0	0		1,441	1,441		1,536	1,536		1,573	1,573		1,878	1,904		3,012	3,209		4,913	5,271		5,074	5,490		4,861	4,904	
	K.N. Ram, Roida-II	2,540	2,540		1,600	2,540		1,600	2,150		800	2,150		800	2,150		800	2,600		800	800		0	0		0	0		0	0		0	0		0	0	
	Indrani Patnaik, Unchabali	2,650	2,650		2,100	2,300		2,075	2,075		2,075	2,350		225	2,350		2,100	2,500		2,500	2,500		0	0		0	0		5,500	6,010		5,350	6,010		5,500	5,560	
	KJS Ahluwalia, Nuagaon	2,595	2,595		2,595	2,595		1,700	2,220		1,100	3,000		1,000	2,445		1,000	2,700		1,000	3,501		0	0		0	0		0	0		0	0		0	0	
	JSW, Nuagaon	0	0	1,995	0	0	1,696	0	0	1,707	0	0	2,047	0	0	2,130	0	0	2,157	2,340	8,622	2,562	1,720	9,445	3,251	4,400	6,206	3,963	2,157	6,431	4,916	3,963	6,000	5,514	4,916	5,500	5,867
Rungta, Jajang	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
Koira	Essel, Nuagaon	0	0		1,588	2,104		1,584	2,126		1,691	2,554		1,973	3,526		3,064	5,077		3,513	4,446		3,832	6,746		6,124	7,302		6,275	7,637		6,085	7,302		5,330	6,416	
	BICO Ltd., Nadidih	0	0		1,753	1,753		1,709	2,266		1,682	2,268		1,748	1,748		1,756	1,756		1,735	1,735		0	0		0	0		0	0		0	0		0	0	
	Feegrade, Rengalibeda	0	0		1,763	1,763		1,710	2,279		1,703	1,765		1,725	1,763		0	0		1,739	1,739		0	0		0	0		0	0		0	0		0	0	
	Rungta Sons, Oraghat	2,304	2,311		2,312	2,312		1,746	2,271		1,509	2,340		1,222	2,476		1,081	3,749		1,496	4,491		1,489	4,485		1,489	6,158		4,636	70,00		4,630	6,141		5,725	7,003	
	S.N. Mohanty, Jaldih	2,025	2,025		1,850	2,050		1,675	1,849		1,700	1,800		1,700	2,575		1,800	3,052		1,700	3,345		1,704	4,025		2,300	5,500		3,500	6,198		3,931	6,100		4,100	6,075	

62% - 65%-Lumps		April 2020			May 2020			June 2020			July 2020			August 2020			September 2020			October 2020			November 2020			December 2020			January 2021			February 2021			March 2021					
Name of Lessee/Mine/ Circle		Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM			
		Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate											
Joda	Serajuddin, Balda	0	0		2,800	3,500		2,850	3,500		2,900	3,500		2,900	3,500		2,900	3,400		1,850	2,900		0	0		0	0		0	0		0	0		0	0		1,250	2,499	
	Arcelor Mittal, Thakurani	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0	
	K.N. Ram, Roida-II	0	0		0	0		0	0		1,500	1,500		1,500	1,500		1,500	1,500		800	1,500		0	0		0	0		0	0		0	0		0	0		0	0	
	Indrani Patnaik, Unchabali	3,400	3,400		3,250	3,850		29,000	3,850		2,850	3,850		2,900	4,000		3,300	3,850		3,500	3,850		4,850	4,850		0	0		0	0		5,100	6,350		6,000	6,350				
	KJS Ahluwalia, Nuagaon	3,000	3,000		3,000	3,000		0	0		3,000	3,000		2,850	3,200		2,200	3,550		2,400	3,550		0	0		0	0		0	0		0	0		0	0		0	0	
	JSW, Nuagaon	0	0	3,286	0	0	3,073	0	0	3,128	0	0	3,049	0	0	3,317	4,545	4,850	3,325	4,641	5,310	4,285	2,632	6,142	4,660	5,500	7,700	5,718	3,325	3,325	6,530	5,500	7,600	6,433	5,500	7,800	6,197			
Rungta, Jajang	3,309	3,409		3,409	3,672		2,953	3,672		3,553	3,553		3,553	3,553		0	0		0	0		0	0		0	0		0	0		0	0		0	0					
Koira	Essel, Nuagaon	0	0		3,207	3,914		3,208	3,928		3,332	4,136		3,922	5,540		5,153	7,125		5,909	6,757		5,911	9,031		8,104	9,021		8,413	9,725		7,791	9,280		7,422	9,598				
	BICO Ltd., Nadidih	3,050	3,050		3,050	3,050		2,000	3,450		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0				
	Feegrade, Rengalibeda	2,515	4,800		2,515	2,521		2,900	3,700		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0				
	Rungta Sons, Oraghat	3,127	4,350		3,000	5,100		2,500	4,300		2,400	3,700		2,400	3,855		2,600	6,750		2,714	6,750		2,600	5,500		3,500	7,000		4,000	7,000		4,400	8,411							

(Source: Information furnished by the DDMs)

Ex-Mines Prices (PMV) of Lessees (FY 2021-22), worked out from the total sale values and quantities furnished to IBM, in F1 Returns

62% - 65%-Fines	April 2021			May 2021			June 2021			July 2021			August 2021			September 2021			October 2021			November 2021			December 2021			January 2022			February 2022			March 2022			
	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM				
Name of Lessee/Mine/ Circle	Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			
Joda	Serajuddin, Balda	1,166	2,558	4,000	9,500		4,000	8,000		4,000	4,000		0	0		0	0		0	0		0	0		0	0		0	0		0	0		5,200	5,200		
	Arcelor Mittal, Thakurani	4,384	4,423	4,458	4,458		4,940	4,940		5,326	5,326		8,402	8,402		0	0		0	0		4,839	4,860		0	0		0	0		0	0		0	0		
	N P & S Pvt. Ltd, Roida-II	610	6,100	5,000	6,101		0	0		0	0		0	0		0	0		0	0		0	0		4,800	4,800		4,950	4,950		5,800	7,000					
	Indrani Patnaik, Unchabali	5,560	5,560	5,560	5,560		6,450	6,450		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
	KJS Ahluwalia, Nuagaon	0	0	5,905	0	0	7,663	0	0	7,284	0	0	8,364	0	0	8,235	0	0	7,116	0	0	5,763	2,100	2,100	5,799	2,100	4,000	5,099	0	0	4,841	0	0	5,388	0	0	5,215
	JSW, Nuagaon	5,514	5,514	5,867	5,867		5,905	5,905		7,663	7,663		7,284	7,284		8,364	8,364		8,235	8,235		7,116	7,116		0	0		0	0		0	0		4,841	6,030		
	JSW, Jajang	0	0	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
Koira	Essel, Nuagaon	5,601	8,940	7,812	1,0153		9,039	10,461		10,115	10,806		8,683	8,698		7,095	7,200		6,065	6,080		5,147	5,829		4,299	5,817		4,300	5,270		4,319	5,448		6,150	6,168		
	ESL, Nadidih	0	0	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
	ESL, Rengalibeda	0	0	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
	Rungta Sons, Oraghat	5,723	7,703	5,815	9,432		5,736	9,696		5,735	10,027		5,040	9,690		5,535	9,270		5,487	8,731		5,324	6,458		4,500	6,164		4,500	6,176		4,500	5,836		4,723	7,103		
	SN Mohanty, Jaldih	2,750	6,650	4,763	9,200		6,850	9,200		6,500	8,900		7,167	8,900		6,300	7,000		3,500	5,500		4,500	5,600		4,400	5,600		4,400	4,500		0	0		5,400	5,400		

62% - 65% Lumps	April 2021			May 2021			June 2021			July 2021			August 2021			September 2021			October 2021			November 2021			December 2021			January 2022			February 2022			March 2022			
	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM	Min	Max	IBM				
Name of Lessee/Mine/ Circle	Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			
Joda	Serajuddin, Balda	1,461	2,197	7,200	11,000		7,200	12,500		11,000	12,500		11,000	12,500		9,000	9,000		0	0		0	0		0	0		0	0		0	0		0	0		
	Arcelor Mittal, Thakurani	0	0	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
	N P & S Pvt. Ltd, Roida-II	0	0	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
	Indrani Patnaik, Unchabali	0	0	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
	KJS Ahluwalia, Nuagaon	0	0	7,903	0	0	8,484	0	0	10,368	0	0	10,901	0	0	10,711	0	0	9,318	0	0	8,425	2,400	2,400	7,900	2,400	4,000	6,668	0	0	6,921	0	0	7,409	0	0	8,341
	JSW, Nuagaon	5,549	10,263	6,197	11,200		7,903	7,903		8,484	8,484		10,368	10,368		0	0		0	0		0	0		0	0		0	0		0	0		6,921	6,921		
	JSW, Jajang	0	0	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
Koira	Essel, Nuagaon	10,187	11,853	11,315	13,347		13,298	16,089		15,288	15,305		12,300	13,463		11,575	12,300		11,522	11,522		9,458	10,173		6,501	7,579		6,506	7,621		6,790	7,942		4,900	4,900		
	ESL, Nadidih	0	0	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
	ESL, Rengalibeda	0	0	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		
	Rungta Sons, Oraghat	4,500	7,209	4,500	10,100		7,200	9,600		7,400	12,700		4,720	11,700		4,720	9,700		4,718	9,000		6,800	11,700		6,000	11,700		5,000	8,171		5,000	7,950		6,000	10,871		
	SN Mohanty, Jaldih	0	0	0	0		0	0		0	0		0	0		0	0		0	0		6,000	6,000		0	0		0	0		0	0		0	0		

(Source: Information furnished by the DDMs)

Appendix –X

(Refer paragraph 3.4.1 at page 53)

Accumulation of low grade iron and chromite in lease areas, violating the principle of sustainable use and conservation of minerals

Name of Circle	Sl. No.	Name of the mine	Quantity of mineral reject/ sub-grade ore stacked (In MT)	Percentage of Ferus content of the Stock	Period	Price of minerals published by IBM for March 2022 for fines ₹1,838 (minimum) {Col.4×₹1838} (₹ in crore)
1	2	3	4	5	6	7
Joda	1	Jajang Iron ore of M/s Rungta Mines Ltd	41,94,547	Above 45% Fe	As on 30.06.2016	770.96
			73,22,797	Above 55% Fe	As on 30.06.2016	1,345.93
	2	Unchabali Iron ore of Smt. Indrani Patnaik	10,72,616	45- 58% Fe	As on 1.04.2014	197.15
	3	Balda Block Iron mines of M/s Seerajudin & Co	81,85,536	45-55% Fe	As on 1.04.2018	1,504.50
			40,15,589	Below 55% Fe	As on 1.04.2018	738.07
	4	Roida-II Iron ore of M/s K. N. Ram & Co	4,70,100	45- 58% Fe	As on 1.04.2018	86.40
5	Thakurani Iron mine of M/s KayPee Enterprises	7,72,500	45- 55% Fe	As on 1.04.2018	141.99	
Koida	6	Nadidih Iron & Mn mines of M/s Feegrade & Co. Ltd.	8,97,810	Below 55% Fe	Prior to 2015-16	165.02
			11,87,454	Below 55% Fe	Prior to 2015-16	218.25
	7	Narayanposhi Iron & Mn mines of M/s Aryan Mining & Trading Corporation pvt. Ltd	1,990	Below 60% Fe (L)	Prior to 2015-16	0.37
			3,77,468	Below 58% Fe (F)	Prior to 2015-16	69.38
			17,44,972	Below 55% Fe	Prior to 2015-16	320.73
	8	Kurmitar Iron mines of M/s OMC Ltd	2,20,000	Below 55% Fe	Prior to 2015-16	40.44
	9	KJST Iron, Bauxite & Mn of M/s S. N. Mohanty	14,00,000	Above 45% Fe	Prior to 2015-16	257.32
	10	Sanindpur Iron & Bauxite of M/s Rungta Sons (P)Ltd	4,83,560	Above 45% Fe	Prior to 2018-19	88.88
			22,42,626	Above 45% Fe	Prior to 2018-19	412.19
			23,95,106	Above 45% Fe	Prior to 2018-19	440.22
	11	Oraghat Iron of M/s Rungta Sons (P)Ltd	47,79,056	Below 55% Fe	Prior to 2018-19	878.39
5,47,396			Below 55% Fe	Prior to 2018-19	100.61	
5,53,700			Below 58% Fe	Prior to 2018-19	101.77	
44,663			Below 58% Fe	Prior to 2018-19	8.21	
		Total	4,29,09,486			7,886.78
Royalty calculated @ 15 per cent						1,183.02

(Source: Information furnished by the DDMs)

Appendix – XI
(Refer paragraph 3.4.3 at page 55)
OMC, South Kaliapani Chromite mines: Loss of royalty, due to direct sale of low grade ore

(Amount in ₹)

Month	Sale of below 40% Cr ₂ O ₃ (in MT)	Royalty rate (per MT)	Royalty realised	Percentage of recovery*	Concentrate recoverable on beneficiation	Royalty rate (per MT)	Royalty realisable	Loss of royalty
Apr-20	0	0	0	44.09	0	0	0	0
May-20	0	0	0	44.09	0	0	0	0
Jun-20	7,830.14	352.2	27,57,775	44.09	3,452.55	1,304.55	45,04,024	17,46,249
Jul-20	23,638.15	304.95	72,08,454	44.09	10,422.78	1,342.05	1,39,87,892	67,79,438
Aug-20	8,687.74	418.05	36,31,910	44.09	3,830.69	1,335.60	51,16,270	14,84,360
Sep-20	24,911.70	600.9	1,49,69,441	44.09	10,984.33	1,884.60	2,07,01,068	57,31,627
Oct-20	23,270.69	340.65	79,27,161	44.09	10,260.75	1,884.60	1,93,37,409	1,14,10,248
Total	88,338.42							2,71,51,922

(Source: Information furnished by the DDMs)

* Percentage of concentrate recovered on beneficiation of below 40% cr fines, during January to March 2017, (last instance), 15,501.64 MT of concentrate was recovered from 35,156.66 MT of low grade chromite fines (44.09%)

Appendix – XII
(Refer paragraph 4.2 at page 59)
Non-levy of interest on delayed payment of royalty

(₹ in crore)

Sl. No.	Name of the Circle	Name of the lessee	Type of payment	Month/quarter ending	Due date of payment	Payment due	Due date of payment including grace period (15 + 59 =74 days)	Amount paid	Date of arrear amount paid	Delay in days	Rate of interest 24 per cent per annum	Interest payable for delay payment
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Joda	M/s. Sharda Mines (P) Ltd., Thakurani Block 'B'	Royalty	31-03-2020	15-04-2020	1.54	14-06-2020	1.54	10-09-2020	88	24	0.09
2	Joda	Thakurani Iron ore mines of M/s Kaypee Enterprises	Royalty	31-03-2018	15-04-2018	10.92	14-06-2018	10.92	23-07-2018	39	24	0.28
3	Joda	Balda Iron ore mines of M/s Seerajudin & Co	Royalty	31-03-2020	15-04-2020	26.56	14-06-2020	26.56	04-08-2020	51	24	0.89
4	Koira	M/s M.G. Mohanty, Petabeda, Iron and Mn Mines, Petabeda (19.425 ha)	Royalty	31-03-2019	15-04-2019	0.37	14-06-2019	0.37	31-07-2019	47	24	0.01
5	Koira	ESSEL Mining & Industries Ltd. Koira iron Mines, 90.143 ha	Royalty	30-09-2019	15-10-2019	1.67	14-12-2019	1.67	07-03-2020	84	24	0.09
6	Koira	Penguin Trading Agency, 49.372 ha	Royalty	31-03-2018	15-04-2018	1.73	14-06-2018	1.73	29-08-2018	76	24	0.09
7	Koira	Rungta Sons (P) Ltd, Oraghat iron mines, 82.961 ha	Royalty	31-03-2020	15-04-2020	14.82	14-06-2020	14.82	28-07-2020	44	24	0.43
				31-12-2018	15-01-2019	7.75	16-03-2019	7.75	07-05-2019	52	24	0.26
				30-09-2018	15-10-2018	11.27	14-12-2018	11.27	17-01-2019	34	24	0.25
				31-03-2018	15-04-2018	6.79	14-06-2018	6.79	13-07-2018	29	24	0.13
				31-12-2017	15-01-2018	2.59	16-03-2018	2.59	31-03-2018	15	24	0.03
8	Koira	Rungta Sons (P) Ltd, Sanindpur Iron and Bauxite Mines, 147.100 ha	Royalty	31-03-2020	15-04-2020	11.08	14-06-2020	11.08	29-07-2020	45	24	0.33
				31-12-2019	15-01-2020	2.59	15-03-2020	2.59	24-06-2020	101	24	0.17
				30-09-2018	15-10-2018	5.99	14-12-2018	5.99	18-01-2019	35	24	0.14
				31-03-2018	15-04-2018	12.82	14-06-2018	12.82	13-07-2018	29	24	0.24
9	Koira	M/s, Feegrade & Co, Nadidihi	Royalty	30-06-2018	15-07-2018	6.22	13-09-2018	6.22	28-09-2018	15	24	0.06
				30-09-2018	15-10-2018	6.15	14-12-2018	6.15	17-01-2019	34	24	0.14
				31-12-2018	15-01-2019	6.53	16-03-2019	6.53	17-05-2019	62	24	0.27
				31-12-2019	15-01-2020	7.04	15-03-2020	7.04	11-05-2020	57	24	0.26

Sl. No.	Name of the Circle	Name of the lessee	Type of payment	Month/quarter ending	Due date of payment	Payment due	Due date of payment including grace period (15 + 59 =74 days)	Amount paid	Date of arrear amount paid	Delay in days	Rate of interest 24 per cent per annum	Interest payable for delay payment
				29-02-2020	15-03-2020	2.72	14-05-2020	2.72	28-07-2020	75	24	0.13
				31-03-2020	15-04-2020	18.15	14-06-2020	18.15	28-07-2020	44	24	0.53
10	Koira	M/s. BICo Ltd., Nadidihi	Royalty	31-12-2017	15-01-2018	2.86	16-03-2018	2.86	31-03-2018	15	24	0.03
				31-03-2018	15-04-2018	15.25	14-06-2018	15.25	13-07-2018	29	24	0.29
				30-11-2018	15-12-2018	2.04	13-02-2019	2.04	29-05-2019	105	24	0.14
				31-12-2018	15-01-2019	8.20	16-03-2019	8.20	29-05-2019	74	24	0.40
				31-12-2019	15-01-2020	10.76	15-03-2020	10.76	24-06-2020	101	24	0.71
11	Koira	M/s. BICo Ltd., Teherai	Royalty	31-10-2017	15-11-2017	3.77	14-01-2018	1.05	31-03-2018	76	24	0.05
				30-11-2017	15-12-2017		13-02-2018	1.29	31-03-2018	46	24	0.04
				31-12-2017	15-01-2018		16-03-2018	1.43	31-03-2018	15	24	0.01
				31-01-2018	15-02-2018	2.89	16-04-2018	0.45	13-07-2018	88	24	0.03
				28-02-2018	15-03-2018		14-05-2018	1.73	13-07-2018	60	24	0.07
				31-03-2018	15-04-2018		14-06-2018	0.71	13-07-2018	29	24	0.01
				30-06-2018	15-07-2018	0.72	13-09-2018	0.72	28-09-2018	15	24	0.01
				31-08-2018	15-09-2018	0.22	14-11-2018	0.18	17-01-2019	64	24	0.01
				30-09-2018	15-10-2018		14-12-2018	0.04	17-01-2019	34	24	0.00
12	Koira	M/s. OMC, Kurmitar	Royalty	31-12-2018	15-01-2019	9.78	16-03-2019	9.78	04-04-2019	19	24	0.12
				28-02-2018	15-03-2018	1.90	14-05-2018	1.90	04-07-2018	51	24	0.06
				31-03-2018	15-04-2018	14.46	14-06-2018	14.46	04-07-2018	20	24	0.19
				30-06-2018	15-07-2018	4.24	13-09-2018	4.24	30-09-2018	17	24	0.05
13	Jajpur	Daitari Iron ore Mines, OMC Ltd.	Additional Royalty	30-04-2021	15-05-2021	74.87	14-07-2021	74.87	24-11-2021	133	24	6.55
				31-05-2021	15-06-2021	74.10	14-08-2021	74.10	24-11-2021	102	24	4.97
				30-06-2021	15-07-2021	100.95	13-09-2021	100.95	25-11-2021	73	24	4.85
				31-07-2021	15-08-2021	89.49	14-10-2021	89.49	25-11-2021	42	24	2.47
				31-08-2021	15-09-2021	90.72	14-11-2021	90.72	25-11-2021	11	24	0.66
14	Jajpur	Sukrangi chromite Mines, OMC Ltd.	Additional Royalty	30-04-2021	15-05-2021	0.02	14-07-2021	0.02	18-11-2021	127	24	0.00
				31-05-2021	15-06-2021	0.88	14-08-2021	0.88	18-11-2021	96	24	0.06
				30-06-2021	15-07-2021	3.30	13-09-2021	3.30	18-11-2021	66	24	0.14
				31-07-2021	15-08-2021	4.34	14-10-2021	4.34	18-11-2021	35	24	0.10
				31-08-2021	15-09-2021	5.16	14-11-2021	5.16	18-11-2021	4	24	0.01
15	Jajpur	South Kaliapani chromite Mines,	Additional	30-04-2021	15-05-2021	0.07	14-07-2021	0.07	18-11-2021	127	24	0.01

Performance Audit of Systems and Controls in Assessment and Collection of Revenue from Major Minerals for the year ended March 2022

Sl. No.	Name of the Circle	Name of the lessee	Type of payment	Month/quarter ending	Due date of payment	Payment due	Due date of payment including grace period (15 + 59 =74 days)	Amount paid	Date of arrear amount paid	Delay in days	Rate of interest 24 per cent per annum	Interest payable for delay payment
		OMC Ltd.	Royalty	31-05-2021	15-06-2021	2.83	14-08-2021	2.83	18-11-2021	96	24	0.18
				30-06-2021	15-07-2021	21.34	13-09-2021	21.34	18-11-2021	66	24	0.93
				31-07-2021	15-08-2021	26.94	14-10-2021	26.94	18-11-2021	35	24	0.62
				31-08-2021	15-09-2021	26.91	14-11-2021	26.91	18-11-2021	4	24	0.07
		Total				764.31		764.31				28.66

(Source: Information furnished by the DDMs)

Appendix – XIII

(Refer paragraph 4.3 at page 60)

Differential royalty leviable on the differential sales turnover declared by the mines owners (Lessees), in their Annual Returns, under the VAT/ GST Acts and Mining Acts, during the period 2015-22

(₹ in crore)

Sl. No.	Name of Mines Owner (Lessee)	Name of Circle	Financial Year	Sales turnover declared in Annual Return under VAT/GST Acts	Sales turnover declared in H1/G1 Annual Return	Difference in sales turnover	Differential royalty leviable at the rate of 15 per cent	DMF at the rate of 30 per cent leviable	NMET at the rate of 2 per cent leviable	
1	2	3	4	5	6	7	8	9	10	
1	Kaypee Enterprises	Joda	2015-16	467.09	342.70	124.39	18.66	5.60	0.37	
			2016-17	766.85	757.77	9.08	1.36	0.41	0.03	
			2017-18 (VAT)	297.88						
			2017-18 (GST)	1,003.99						
			2017-18 (Total)	1,301.87	1,067.44	234.43	35.17	10.55	0.70	
			2018-19	1,863.36	1,355.29	508.07	76.21	22.86	1.52	
			2019-20	1,632.52	NA	0				
			2020-21	262.13	NA	0				
			Sub-Total	4,399.17	3,523.20	875.97	131.40	39.42	2.63	
2	Tarini Prasad Mohanty	Joda	2015-16	35.76	28.84	6.92	1.04	0.31	0.02	
			2016-17	48.09	60.50	-12.41*				
			2017-18	58.67	61.90	-3.23*				
			2018-19	51.97	32.48	19.49	2.92	0.88	0.06	
			2019-20	120.28	113.34	6.94	1.04	0.31	0.02	
			2020-21	236.57	185.99	50.58	7.59	2.28	0.15	
				Sub-Total	444.59	360.64	83.95	12.59	3.78	0.25
3	Essel Mining and Industries Ltd.	Joda	2015-16	280.17	NA	0				
			2016-17	633.87	NA	0				
			2017-18	584.28	26.62	557.66	83.65	25.09	1.67	
			2018-19	3,933.75	2,127.75	1,806.00	270.90	81.27	5.42	
			2019-20	5,561.18	2,946.75	2,614.43	392.16	117.65	7.84	
			2020-21	4,660.09	NA	0				
				Sub-Total	10,079.21	5,101.11	4,978.10	746.71	224.01	14.93
	Total of Joda	14,922.97	8,984.95	5,938.02	890.70	267.21	17.81			
4	Jitendra Nath Patnaik	Koira	2015-16	NA	NA	0				
			2016-17	NA	NA	0				
			2017-18	NA	NA	0				
			2018-19	16.50	16.17	0.33	0.05	0.01	0.001	
			2019-20	32.12	25.70	6.42	0.96	0.29	0.02	
			2020-21	77.51	NA	0				
				Sub-Total	48.62	41.87	6.75	1.01	0.30	0.02
5	Kanakdhara Mining Minerals (P) Ltd.	Koira	2015-16	0.38	NA	0				
			2016-17	0.55	NA	0				
			2017-18	0.18	NA	0				
			2018-19	12.43	1.79	10.64	1.60	0.48	0.03	
			2019-20	14.79	0.59	14.20	2.13	0.64	0.04	
			2020-21	17.77	0.95	16.82	2.52	0.76	0.05	
				Sub-Total	44.99	3.33	41.66	6.25	1.87	0.12
6	Korp Resources (P) Ltd.	Koira	2015-16	9.67	11.44	-1.77*				
			2016-17	7.54	0	7.54				
			2017-18 VAT)	1.02						
			2017-18 (GST)	1.60						
			2017-18 (Total)	2.62	2.60	0.02	0.00234	0.00070	0.00005	
			2018-19	4.34	NA	0				
			2019-20	NA	NA	0				
			2020-21	NA	NA	0				
	Sub-Total	2.62	2.60	0.02	0.00234	0.00070	0.00005			
7	M G	Koira	2015-16	47.02	46.86	0.16	0.02	0.01	0.0005	

Performance Audit of Systems and Controls in Assessment and Collection of Revenue from Major Minerals for the year ended March 2022

Sl. No.	Name of Mines Owner (Lessee)	Name of Circle	Financial Year	Sales turnover declared in Annual Return under VAT/GST Acts	Sales turnover declared in H1/G1 Annual Return	Difference in sales turnover	Differential royalty leviable at the rate of 15 per cent	DMF at the rate of 30 per cent leviable	NMET at the rate of 2 per cent leviable
	Mohanty		2016-17	24.69	NA	0			
			2017-18 (VAT)	5.20					
			2017-18 (GST)	56.06					
			2017-18 (Total)	61.26	53.99	7.27	1.09	0.33	0.02
			2018-19	72.01	62.06	9.95	1.49	0.45	0.03
			2019-20	94.92	78.38	16.54	2.48	0.74	0.05
			2020-21	127.67	110.31	17.36	2.60	0.78	0.05
			Sub-Total	402.89	351.60	51.29	7.69	2.31	0.15
			Total of Koira	499.11	399.40	99.71	14.96	4.49	0.30
	Grand Total	15,422.08	9,384.35	6,037.73	905.66	271.70	18.11		

(Source: Information collected from Commercial Tax Department and i3MS)

NA – Data not available

* Excess transaction over VAT/GST not considered

Appendix-XIV
(Refer paragraph 5.2.2 at page 67)
Unlawful production of iron ore, exceeding the quantity approved in the Environment Clearance

Name of the mines: Thakurani B Iron mine of M/s Sharda Mines (P) Ltd						
Financial Year	Quantity of extraction approved in EC in MT	Quantity extracted in MT	Excess quantity extracted in MT	Price of mineral (lumps) per MT as of March of the year in rupees as notified by IBM (Average of -65% Fe lump and -62% Fe lump taken, as per the grade produced from the mine)	Amount realisable (In ₹)	Amount in Crores
2019-20	40,00,000	49,61,260	9,61,260	3,119.50	2,99,86,50,570	
2020-21	40,00,000	61,13,774	21,13,774	5,954	12,58,54,10,396	
Total			30,75,034		15,58,40,60,966	1,558.41
IBM price and Slime (tailings) production details						
	Month	Month				
Grade	March-20	March-21				
Below 62% Fe	2,686	5,711				
Below 65% Fe	3,553	6,197				
Total	6,239	11,908				
Average	3,119.50	5,954				
Slime production details						
Month	November 2020	December 2020	January 2021	February 2021	March 2021	
0-2mm slime	14,504	10,909	5,084	4,748	4,957	
Production of 0-2 mm slime has been excluded from the total production of FY 2020-21						
Total production for FY 2020-21					61,53,976	
Slime total for FY 2020-21					40,202	
Total					61,13,774	

(Source: Information furnished by the DDMs)

Appendix – XV
(Refer paragraph 5.2.3 at page 68)

Excess production of ore, exceeding the quantities stipulated in the mining plans

Name of the Circle	Name of mine	Financial Year	Production quantity stipulated in the mining plan				Actual production			Excess production of ore (In MT)	IBM notified Price per MT as on March (In ₹)	Total Price chargeable (₹ in crore)	Remarks
			Ore	Subgrade	Mineral Reject	Production from sub grade dump	Ore	Subgrade	Mineral Reject				
Joda	Keypee Enterprises Thakurani Iron ore	2016-17	52,56,738	2,43,367	0	0	54,81,286	0	0	2,24,548	2,553	57.33	IBM notified Price per MT, as on March for (-) 65%Fe
		2017-18	52,56,684	2,43,365	0	2,700	54,99,515	0	0	2,42,831	3,889	94.44	
		Total	1,05,13,422	4,86,732	0	2,700	1,09,80,801	0	0	4,67,379		151.77	
	K N Ram Roida-II Iron ore	2015-16	18,11,740	3,88,230	0	0	21,97,896	0	0	3,86,156	2,047	79.05	
		2016-17	18,07,540	3,87,330	0	0	21,99,409	0	0	3,91,869	2,553	100.04	
		2019-20	28,11,203	6,88,770	0	0	34,99,291	0	0	6,88,089	4,835	332.69	
		Total	64,30,483	14,64,330	0	0	78,96,596	0	0	14,66,114		511.78 (-) 52.04*	
	Rungta Jajang Iron ore	2017-18	1,21,95,855	6,41,887	0	0	1,27,00,232	0	0	5,04,377	4,725	238.32	
		Total	1,21,95,855	6,41,887	0	0	1,27,00,232	0	0	5,04,377		238.32	
	Indrani Patanaik Unchabali Iron ore	2015-16	33,46,325	5,03,675	0	1,50,000	39,89,132	0	0	6,42,807	2,047	131.58	
		2016-17	36,14,013	2,35,987	0	1,50,000	39,92,806	0	0	3,78,793	2,553	96.71	
		2017-18	30,53,733	7,96,268	0	1,50,000	39,90,662	0	0	9,36,929	4,725	442.70	
		2019-20	30,47,555	7,52,346	0	0	37,73,306	0	0	7,25,751	4,835	350.90	
		Total	1,30,61,626	22,88,276	0	450000	1,57,45,906	0	0	26,84,280		1,021.89	
	OMC Roida C	2017-18	2,89,788	1,00,035	0	0	3,83,840	0	0	94,052	4,725	44.44	
2018-19		3,68,676	51,680	0	0	3,75,670	0	0	6,994	5,171	3.62		
Total		6,58,464	1,51,715	0	0	7,59,510	0	0	1,01,046		48.06		
Koira	M/s. SN. Mohanty KJST Iron Bauxite and Mn	2016-17	14,55,399	0	2,14,731	2,80,000	18,96,149	0	0	4,40,750	2,553	112.52	IBM notified Price per MT, as on March for (-) 65%Fe
		2017-18	14,98,953	0	2,21,157	2,80,000	18,85,053	0	0	3,86,100	3,889	150.15	
		2018-19	14,98,953	0	2,21,157	2,80,000	17,03,215	0	0	2,04,262	3,703	75.64	
		2019-20	14,98,953	0	2,21,157	2,80,000	19,00,361	0	0	4,01,408	3,553	142.62	
		2020-21	14,98,953	0	2,21,157	2,80,000	17,19,354	1,81,000	2,20,727	2,20,401	6,197	136.58	
		Total	74,51,211	0	10,99,359	14,00,000	91,04,132	1,81,000	2,20,727	16,52,921		617.51	
	M/s JN Patnaik Bhanjipali Iron mines	2019-20	1,75,420	0	46,925	37,590	2,51,100	0	1,200	75,680	2,686	20.33	IBM notified Price per MT as on March for (-) 58% Fe
		Total	1,75,420	0	46,925	37,590	2,51,100	0	1,200	75,680		20.33	
	M/s Essel Mining Koira Iron mines	2016-17	35,48,000	0	4,52,000	40,00,000	39,95,660	0	34,550	4,47,660	2,553	114.29	IBM notified Price per MT as on March for (-)65%Fe
		2017-18	32,75,000	0	7,25,000	40,00,000	37,53,567	0	34,300	4,78,567	3,889	186.11	
		2018-19	35,16,000	0	4,84,000	40,00,000	39,37,437	0	1,46,632	4,21,437	3,703	156.06	
		2019-20	51,73,000	0	8,27,000	60,00,000	58,15,515	0	0	6,42,515	3,553	228.29	
		2020-21	53,88,000	0	6,12,000	60,00,000	59,94,955	0	0	6,06,955	6,197	376.13	
		Total	2,09,00,000	0	31,00,000	2,40,00,000	2,34,97,134	0	2,15,482	25,97,134	19,895	1,060.88	
	Total											3,618.50	

* The lessee, during 2019-20, had violated the production limit prescribed in EC also, as pointed out in Para 5.2.2 (i), hence the value of the minerals extracted in excess to EC limit, amounting to ₹52.04 crore has been deducted.
(Source: Information furnished by the DDMs)

Appendix-XVI
(Refer paragraph 5.2.4 at page 70)

Unlawful production of chromite without Forest Clearance

Month	Below 40% Cr Fines	IBM price per MT	Total Price	40% to 52% Cr Fines	IBM price per MT	Total Price	52% Cr above Fines	IBM price per MT	Total Price	Concentrate	IBM price per MT	Total Price	Below 40% Cr lumps	IBM price per MT	Total Price
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
December 2019 (18.12.2019 to 31.12.2019) 14 days	1,125.42	2,261	25,44,574.62	5,017.44	9,796	4,91,50,842.24	2,425.14	13,119	3,18,15,411.66	0	11,519	0	0	0	
January 2020	9,254.04	2,143	1,98,31,407.72	15,367.00	9,387	14,42,50,029.00	2,573.96	12,504	3,21,84,795.84	3,865.00	12,564	4,85,59,860	363.98	7,969	29,00,557
February 2020	4,859.34	2,229	1,08,31,468.86	10,207.60	10,023	10,23,10,774.80	3,045.04	12,245	3,72,86,514.80	4,284.00	12,596	5,39,61,264			
March 2020	12,656.03	2,701	3,41,83,937.03	7,521.02	8,300	6,24,24,466.00	1,189.95	10,685	1,27,14,615.75	3,235.00	12,250	3,96,28,750			
April 2020	910.16	2,701	24,58,342.16	4,323.89	9,049	3,91,26,880.61	2,885.96	10,694	3,08,62,456.24	3,585.98	12,564	4,50,54,253			
May 2020	220.01	1,836	4,03,938.36	7,408.09	7,209	5,34,04,920.81	168.90	10,483	17,70,578.70	3,494.95	12,596	4,40,22,390			
June 2020	12,116.04	2,348	2,84,48,461.92	1,377.96	7,408	1,02,07,927.68	0	8,875	0	2,947.00	8,697	2,56,30,059			
Jul7 2020	12,026.01	2,033	2,44,48,878.33	2,500.00	8,300	2,07,50,000.00	0	10,256	0	3,003.99	8,947	2,68,76,699			
August 2020	8,064.03	2,787	2,24,74,451.61	415.98	9,049	37,64,203.02	0	9,967	0	1,853.09	8,904	1,64,99,913			
September 2020	120.01	4,006	4,80,760.06	507.00	8,502	43,10,514.00		9,678	0	1,938.00	12,564	2,43,49,032			
October 2020	0	2,271	0	0	10,105	0	0	14,739	0	538.00	12,564	67,59,432			
November 2020 to December 2021	0		0	0		0	0		0	0		0			
January 2022	0	6,870	0	0	16,835	0	0	19,267	0	2,461.00	13,970	3,43,80,170			
February 2022	1,480.03	6,276	92,88,668.28	0	15,931	0	875.97	18,444	1,61,56,390.68	2,790.00	13,199	3,68,25,210			
March 2022	5,243.21	6,772	3,55,07,018.12	4,327.74	16,578	7,17,45,273.72	6,613.05	19,654	12,99,72,884.70	3,186.99	15,842	5,04,88,296			
Total			19,09,01,907.07			56,14,45,831.88			29,27,63,648.37			45,30,35,328			29,00,557
Grand Total															1,50,10,47,272
															150.00 crore

(Source: Information furnished by the DDMs)

