

# March-2021



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# *Performance Highlights*

## **Production:**

1. **RMD Mines achieved best ever iron ore production of 22.523 MT (Previous best:: 22.467 MT in 2019-20), despite throttling of production from April'20 to July'20 due to Covid-19 pandemic, reduced requirement of Iron Fines at SAIL Steel Plants and low demand for sales.**
2. **Highest ever iron ore production in H2 of FY 20-21 achieved since inception: 13.636MT with a growth of 14.2% (Previous best 11.935MT in 2019-20)**
3. **Best ever Annual Production achieved by Individual Mines since inception:**  
*Bolani Ore Mines: 6.241MT (Previous best was 5.926MT in 2019-20)  
Barsua Iron Mines: 2.256MT (Previous best was 2.156MT in 2012-13)  
Kalta Iron Mines: 2.494MT (Previous best was 1.717MT in 2018-19)  
Taldih Iron Mines: 1.086MT (Previous best was 0.985MT in 2019-20)*
4. **Kalta Iron Mines achieved best ever Annual Lump Production since inception: 1.05MT (Previous best was 0.914MT in 2018-19).**
5. **Best ever Monthly Production achieved during the FY 20-21 since inception:**  
*RMD : 24.78 Lakh T in Jan-21 (Previous best :: 24.12 Lakh T Dec'20).  
Kiriburu: 4.09 Lakh T in Sept-20 (Previous best :: 3.91 Lakh T in Oct-17)  
Bolani : 6.31 Lakh T in Dec-20 (Previous best :: 6.19 Lakh T in Oct-20)  
Kalta : 3.43 Lakh T in Apr-20 ( Previous best :: 2.48 Lakh T in Mar-20)*
6. **Best ever daily production since inception:**  
*Kalta: 12,840 T on 25th Apr'21 (Previous Best :: 12,053 on 31st Mar'20)  
Bolani(ROM):30, 909 T on 26th Feb'21(Previous best:: 26, 549 T on 11th Dec'20)*

# *Performance Highlights*

## *Despatch:*

1. **RMD mines achieved best ever iron ore despatch 22.840MT with annual growth of 2.1% over CPLY since inception (Previous best -22.37 MT in 2019-20).**
2. **Highest ever iron ore despatch in H2 of FY 20-21 achieved since inception:  
14.008MT with a growth of 21.9% (Previous best 11.488MT in 2019-20)**
3. **Best ever Annual despatch achieved by Individual Mines since inception:**
  - a. **Bolani Ore Mines: 6.650MT (Previous best was 5.712MT in 2019-20)**
  - b. **Kalta Iron Mines: 2.493MT (Previous best was 1.807MT in 2019-20)**
  - c. **Taldih Iron Mines: 1.111MT (Previous best was 0.974MT in 2019-20)**
4. **Kalta Iron Mines achieved best ever Annual Lump despatch since inception:  
1.05MT (Previous best was 0.898MT in 2018-19)**
5. **Best ever rakes despatch in any financial year since inception:**
  - a. **Bolani 1764 ( Previous best-1578 in 2019-20)**
  - b. **Barsua Siding 939(Previous best - 844 in 2019-20)**
  - c. **Kalta 667 (Previous best 496 in 2019-20)**
6. **Best ever monthly rail despatch achieved during the FY 20-21 since inception:**
  - a. **RMD: 25.30 Lakh T in Jan-21 (Previous best :: 24.02 Lakh T Nov'20).**
  - b. **Kiriburu: 4.33 Lakh T in Jan-21 (Previous best :: 4.17 Lakh T in Aug-08)**
  - c. **Bolani: 7.14 Lakh T in Mar-21 (Previous best :: 6.93 Lakh T in Jan-21)**
  - d. **Kalta: 3.46 Lakh T in Apr-20 ( Previous best :: 2.52 Lakh T in Mar-20)**
  - e. **Taldih: 1.58 Lakh T in Mar-21 ( Previous best :: 1.51 Lakh T in Jan-20)**

# Performance Highlights

7. Best ever rake loaded in any month since inception
  - a. RMD :: 664 in Jan'21 (Previous Best- 648 in Nov'20)
  - b. Bolani :: 185 in Sept'20 (Previous Best in 164 in Dec'19)
  - c. Barsua Siding :: 111 in Mar'21(Previous Best in 101 in Feb'20)
  - d. Kalta :: 94 in Apr'20 (Previous best 68 in Mar'20)
8. Highest ever Rakes loaded in a single day since inception:
  - a. RMD Mines 26 Rakes on 31<sup>st</sup> Mar'21.
  - b. Barsua Siding 6 Rakes on 31<sup>st</sup> Mar'21.

## Sale of Iron ore Fines:

9. In FY 2020-21, Auctioned Qty. of Iron Ore Fines is 42.16 Lakh MT and Booked Qty. is 39.44 Lakh MT. Other salient features are presented in the table below :

	<b>Fresh Fines</b>	<b>Dump Fines</b>	<b>Tailings</b>	<b>Total</b>
<b>Auctioned Quantity (Lakh MT)</b>	26.96	11.20	4.00	42.16
<b>Booking Quantity (Lakh MT)</b>	24.44	11.20	3.80	39.44
<b>Dispatched Quantity (Lakh MT)</b>	21.56	3.66	1.82	27.04
<b>Revenue (Rs. In Cr)</b>	<b>772.27</b>	<b>279.38</b>	<b>70.12</b>	<b>1121.77</b>

# *Performance Highlights*

## *Environment & Lease:*

- *Stage II Forest Clearance for Durgaiburu Lease of Gua*
- *Amendment of EC at 07 Mines to enable Sale of Dump Fines & Tailings*
- *Amalgamation of ML 130(Barsua, Taldih & Kalta) & ML-162*
- *Re-appropriation of EC of Barsua Taldih & Kalta ( Barsua-3.5, Kalta-3.2 and Taldih- 1.35)*

## *Projects:*

- *Wagon Loader (3000TPH) at MIOM commissioned & under operation.*
  - *Installation and commissioning of Tertiary Crushing system at MIOM.*
  - *Bucket Wheel Reclaimer at MIOM (3000TPH) completed & put to operation.*
  - *Upgradation of loading system at MIOM to 3000TPH & commissioned.*
  - *Stage I Approval for "Development of Taldih Mines to 7 MTPA through MDO" obtained on 06.11.2020.*
  - *Replacement of Jaw crusher by Cone Crusher at 600TPH plant of Bolani & put in operation.*
- ❖ *Air Pulsated Jigs (250TPH) commissioned at Barsua.*

## Rake Despatch Performance

Unit: Nos of Rake

MINES	FOR THE MONTH OF MARCH-21					20-21 TILL THE MONTH OF MARCH-21				
	CBT	ACT	%FF	Mar'20	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
KIRIBURU	98	97	99	92	5	1078	974	90	1090	-11
MEGHATUBURU	87	92	106	97	-5	957	803	84	1071	-25
BOLANI	145	183	126	107	71	1595	1764	111	1578	12
BARSUA	50	68	136	58	17	550	619	113	549	13
TALDIH	25	43	172	13	231	275	320	116	295	8
KALTA	55	9	16	68	-87	605	667	110	496	34
GUA	95	97	102	107	-9	1045	851	81	1051	-19
CHIRIA	15	16	107	13	23	165	150	91	196	-23
RMD TOTAL	570	605	106	555	9	6270	6148	98	6326	-3

PLANTS	COMM	FOR THE MONTH OF MARCH-21					20-21 TILL THE MONTH OF MARCH-21				
		CBT	ACT	%FF	Mar'20	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
BSL	LUMP		64.7		62.3	4		612.3	0.0	709.9	-14
	FINES		82.3		89.7	-8		895.7	0.0	1104.1	-19
	TOTAL	165	147.0	89	152.0	-3	1815	1508.0	83	1814.0	-17
DSP	LUMP		27.4		28.3	-3		367.7	0	400.6	-8
	FINES		34.7		49.7	-30		590.3	0	695.4	-15
	TOTAL	80	62.0	78	78.0	-21	880	958.0	109	1096.0	-13
RSP	LUMP		55.0		58.0	-5		614.2	0	700.7	-12
	FINES		103.0		103.0	0		1183.8	0	1105.3	7
	TOTAL	165	158.0	96	161.0	-2	1815	1798.0	99	1806.0	0
ISP	LUMP		27.0		32.7	-17		264.6	0	322.8	-18
	FINES		73.0		95.3	-23		823.4	0	984.2	-16
	TOTAL	130	100.0	77	128.0	-22	1430	1088.0	76	1307.0	-17
BSP	LUMP		1.00		0			6.0	0		0
	FINES		29.0		28.0	4		169.0	0	295.0	-43
	TOTAL	30	30.0	100	28.0	7	330	175.0	53	295.0	-41
SALES	FINES		108.0		8.0	1250		621.0		8.0	7663
SAIL TOTAL	LUMP		175.1		181.3	-3		1864.8	0	2134.0	-13
	FINES		321.9		365.7	-12		4283.2		4184.0	2
	TOTAL	570	605.0	106	555.0	9	6270	6148.0	98	6326.0	-3

**MONTHWISE SALE DISPATCH OF FRESH FINES, DUMP FINES & TAILINGS**

		Mar-20	Apr-20	May-20	Jun-20	Q1	Jul-20	Aug-20	Sep-20	Q2	Oct-20	Nov-20	Dec-20	Q3	Jan-21	Feb-21	Mar-21	Q4	2020-21
Bolani	Fresh Fines by Rake	22505	18662		45702	<b>64364</b>	7885	46236	246731	<b>300852</b>	302261	214526	153337	<b>670124</b>	70231	125426	136069	<b>331726</b>	1367066
	Dump by Road														13049	49755	86641	<b>149445</b>	149445
	Dump by Rake															56007	100403	<b>156410</b>	156410
	Bolani Total	<b>22505</b>	<b>18662</b>		<b>45702</b>	<b>64364</b>	<b>7885</b>	<b>46236</b>	<b>246731</b>	<b>300852</b>	<b>302261</b>	<b>214526</b>	<b>153337</b>	<b>670124</b>	<b>83280</b>	<b>231188</b>	<b>323113</b>	<b>637580</b>	<b>1672920</b>
Barsua	Fresh Fines by Rake	7959	30942		4050	<b>34992</b>	11320		78751	<b>90071</b>	130891	112751	52251	<b>295893</b>	113497	115968	138510	<b>367975</b>	788931
	Barsua Tailings by Road												43691	<b>43691</b>	55807	22026	60668	<b>138501</b>	182192
	Barsua Total	<b>7959</b>	<b>30942</b>		<b>4050</b>	<b>34992</b>	<b>11320</b>		<b>78751</b>	<b>90071</b>	<b>130891</b>	<b>112751</b>	<b>95942</b>	<b>339584</b>	<b>169304</b>	<b>137993</b>	<b>199178</b>	<b>506476</b>	<b>971123</b>
Taldih	Dump by Road															35940	24035	<b>59975</b>	59975
Odisha Total		<b>30464</b>	<b>49605</b>		<b>49752</b>	<b>99356</b>	<b>19205</b>	<b>46236</b>	<b>325482</b>	<b>390923</b>	<b>433152</b>	<b>327277</b>	<b>249279</b>	<b>1009708</b>	<b>252584</b>	<b>405121</b>	<b>546326</b>	<b>1204031</b>	<b>2704018</b>
																		<b>FY (2019-20)+(2020-21)</b>	<b>2734481</b>

**IRON ORE MINES OPERATIONS (FINISHED PRODUCT)**

Mar-21

UNIT 000 TONNES

**PRODUCTION**

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR Mar-20	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2020-21	TGT	ACT	%FF	LAST YR Mar-20		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	900	95	87	91.1	73	18.9	900	862	95.8	1051	-18.0	
	F	3200	335	280	83.5	294	-4.7	3200	2967	92.7	2873	3.3	
	T	4100	430	366	85.2	366		4100	3829	93.4	3924	-2.4	70
MEGHAHATUBURU 5000	L	750	80	63	78.7	99	-36.5	750	750	100	1039	-27.8	
	F	2750	330	254	76.8	222	14.4	2750	2213	80.5	2699	-18.0	
	T	3500	410	317	77.2	321	-1.3	3500	2964	84.7	3738	-20.7	59
BOLANI 6500	L	2100	200	191	95.7	109	76.0	2100	2032	96.8	2085	-2.5	
	F	4100	375	427	113.9	269	58.9	4100	4209	103	3840	9.6	
	T	6200	575	618	107.6	377	63.8	6200	6241	101	5926	5.3	96
BARSUA 2500	L	750	70	69	98.8	74	-6.5	750	690	92	745	-7.4	
	F	1450	145	173	119.4	126	37.2	1450	1567	108	1004	56.1	
	T	2200	215	242	112.7	200	21.1	2200	2257	103	1749	29.1	90
TALDIH 1000	L	350	35	76	217.9	18	331.4	350	446	127	379	17.6	
	F	650	60	82	135.9	14	477.5	650	639	98.3	605	5.6	
	T	1000	95	158	166.2	32	396.3	1000	1085	109	985	10.2	109
KALTA 2500	L	1100	100	26	26.4	94	-71.9	1100	1050	95.5	809	29.9	
	F	1200	110	11	9.9	154	-92.9	1200	1443	120	909	58.9	
	T	2300	210	37	17.7	248	-85.0	2300	2494	108	1717	45.2	100
GUA 4000	L	900	95	100	105.2	100	-0.2	900	821	91.2	1027	-20.1	
	F	2700	280	298	106.4	264	12.7	2700	2281	84.5	2668	-14.5	
	T	3600	375	398	106.1	365	9.1	3600	3101	86.1	3695	-16.1	78
MANOHARPUR 750	L	350	40	33	82.6	37	-11.9	350	266	76.1	371	-28.2	
	F	400	45	18	40.1	12	50.5	400	288	71.9	363	-20.8	
	T	750	85	51	60.1	49	3.3	750	554	73.8	734	-24.5	36
TOTAL 27750	L	7200	715	646	90.3	604	7.0	7200	6918	96.1	7506	-7.8	
	F	16450	1680	1542	91.8	1355	13.8	16450	15607	94.9	14961	4.3	
	T	23650	2395	2188	91.3	1958	11.7	23650	22525	95.2	22467	0.3	81

**IRON ORE MINES OPERATIONS (FINISHED PRODUCT)**

Mar-21

UNIT 000 TONNES

**DESPATCHES**

MINE	COMM.	PLAN	FOR THE MONTH				GRTH % OVER LSTYR Mar-20	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES				
		2020-21	TGT	ACT	%FF	LAST YR Mar-20		TGT	ACT	%FF	LAST YR		AS ON				
													YEAR BEGN.	MTH BEGN.	MTH END		
KIRIBURU	L	900	95	89	93.4	73	21.8	900	835	92.8	1044	-20.0	22	45	48		
	F	3200	340	271	79.8	278	-2.4	3200	2880	90	2915	-1.2	1023	1074	1111		
	T	4100	435	360	82.8	351	2.6	4100	3715	90.6	3958	-6.2	1045	1119	1159		
MEGHAHATUBURU	L	750	80	74	92.0	107	-30.9	750	753	100	1099	-31.5	29	31	32		
	F	2750	330	273	82.7	266	2.7	2750	2360	85.8	2899	-18.6	267	154	113		
	T	3500	410	347	84.5	372	-6.9	3500	3113	88.9	3998	-22.2	296	185	145		
BOLANI	L	2100	205	197	96.1	140	41.2	2100	2023	96.3	2128	-4.9	85		95		
	F	4100	380	520	136.9	266	95.6	4100	4631	113	3584	29.2	1873		1451		
	T	6200	585	717	122.6	406	76.9	6200	6654	107	5712	16.5	1958		1546		
BARSUA	L	750	90	64	70.7	76	-16.4	750	658	87.7	739	-11.0	67	61	67		
	F	1450	170	194	114.2	112	73.0	1450	1546	107	1072	44.3	198	234	308		
	T	2200	260	258	99.1	188	36.9	2200	2204	100	1811	21.7	265	295	375		
TALDIH	L	350	35	77	218.9	23	238.2	350	458	131	375	22.4	44	5			
	F	650	65	81	124.8	19	318.6	650	653	100	599	9.0	253	2	1		
	T	1000	100	158	157.7	42	275.2	1000	1111	111	974	14.1	297	7	1		
KALTA	L	1100	100	22	22.1	98	-77.5	1100	1053	95.7	853	23.5		1	6		
	F	1200	110	11	9.9	153	-92.9	1200	1441	120	954	51.1	8	30	30		
	T	2300	210	33	15.7	252	-86.9	2300	2494	108	1807	38.0	8	31	36		
GUA	L	900	100	103	102.8	102	0.8	900	839	93.3	945	-11.2	48	82	87		
	F	2700	270	269	99.8	244	10.4	2700	2168	80.3	2443	-11.2	272	449	476		
	T	3600	370	372	100.6	346	7.6	3600	3007	83.5	3388	-11.2	320	531	563		
MANOHARPUR	L	350	40	39	98.7	38	4.5	350	267	76.3	368	-27.4	1	16	8		
	F	400	45	18	40.2	10	74.7	400	278	69.6	351	-20.8	7	11	10		
	T	750	85	58	67.7	48	19.6	750	546	72.7	719	-24.2	8	27	18		
TOTAL	L	7200	745	664	89.1	656	1.3	7200	6887	95.6	7550	-8.8	296	241	343		
	F	16450	1710	1638	95.8	1349	21.4	16450	15956	97	14816	7.7	3901	1954	3500		
	T	23650	2455	2302	93.8	2005	14.8	23650	22843	96.6	22367	2.1	4197	2195	3843		

\* Bolani despatch Includes Dump Fines by Rail (100282.99 Te) for the Month of March'2021

\* Dump Fines by road in addition to Rail Despatch Bolani: 86661.33Te and Taldih:24017Te

**IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)**

**Mar-21**

UNIT '000 TE

DEVELOPMENT										
	FOR MONTH			LAST YR Mar-20	GRTH %	TILL MONTH			LAST YR Mar-20	GRTH % LSTYR
	TGT	ACT	%FF			TGT	ACT	%FF		
KIRIBURU	260	187	72	95	96	2,320	1,906	82	1,299	47
MEGHAHATUBURU	380	283	75	310	-9	4,158	3,275	79	3,595	-9
BOLANI	435	182	42	305	-40	4,350	2,780	64	2,371	17
BARSUA	124	52	42	43	21	1,100	626	57	563	11
TALDIH	48	4	7	68	-95	560	212	38	232	-8
KALTA	30	-		-		360	-		491	-100
GUA	225	170	76	50	240	2,000	1,328	66	698	90
MANOHARPUR	15	49	327	-		150	75	50	12	533
<b>TOTAL</b>	<b>1,517</b>	<b>927</b>	<b>61</b>	<b>871</b>	<b>6</b>	<b>14,998</b>	<b>10,203</b>	<b>68</b>	<b>9,261</b>	<b>10.2</b>

ROM										
KIRIBURU	430	366	85	366		4,225	3,829	91	3,924	-2
MEGHAHATUBURU	410	333	81	313	7	3,670	2,981	81	3,851	-23
BOLANI	555	605	109	396	53	6,180	6,224	101	5,946	5
BARSUA	215	247	115	203	22	2,370	2,410	102	1,798	34
TALDIH	95	171	179	36	367	1,000	1,121	112	1,263	-11
KALTA	210	97	46	248	-61	2,300	2,497	109	1,873	33
GUA	375	398	106	365	9	3,600	3,101	86	3,695	-16
MANOHARPUR	85	51	60	49	3	750	554	74	734	-25
<b>TOTAL</b>	<b>2,375</b>	<b>2,268</b>	<b>95</b>	<b>1,976</b>	<b>15</b>	<b>24,095</b>	<b>22,717</b>	<b>94</b>	<b>23,084</b>	<b>-1.6</b>

TOTAL EXCAVATION										
KIRIBURU	690	553	80	462	20	6,545	5,735	88	5,224	10
MEGHAHATUBURU	790	616	78	622	-1	7,828	6,256	80	7,446	-16
BOLANI	990	788	80	701	12	10,530	9,004	86	8,317	8
BARSUA	339	299	88	246	22	3,470	3,036	88	2,361	29
TALDIH	143	174	122	105	66	1,560	1,333	85	1,494	-11
KALTA	240	97	40	248	-61	2,660	2,497	94	2,364	6
GUA	600	568	95	415	37	5,600	4,429	79	4,393	1
MANOHARPUR	100	100	100	49	102	900	629	70	746	-16
<b>TOTAL</b>	<b>3,892</b>	<b>3,194</b>	<b>82</b>	<b>2,847</b>	<b>12</b>	<b>39,093</b>	<b>32,920</b>	<b>84</b>	<b>32,345</b>	<b>1.8</b>

# Performance against Last Year

Unit in Tons

PREVIOUS YEAR EXCAVATION PERFORMANCE 2019-20																											
Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	
Apr-19	476920	304560	172360	581010	330210	250800	731841	548586	183255	2412	2412		45841	45616	225	228031	176200	51831	334980	290790	44190	92799	84005	8794	2493834	1782379	711455
May-19	513762	305010	208752	600080	348300	251780	677697	570506	107191	256843	180023	76820	53438	53438		212959	159400	53559	373590	292950	80640	62702	61609	1093	2751071	1971236	779835
Jun-19	518580	360630	157950	611100	335430	275670	736765	583665	153100	219139	160464	58675	87789	74811	12978	180931	129100	51831	355590	312750	42840	37068	35059	2009	2746962	1991909	755053
Jul-19	462420	359820	102600	596481	317610	278871	666320	548798	117522	210022	158842	51180	116769	103413	13356	89383	84200	5183	323473	293490	29983	47976	47976		2512844	1914149	598695
Aug-19	410850	320490	90360	578915	350100	228815	599032	493051	105981	187353	135788	51565	63168	47652	15516	27700	27700		410345	322830	87515	65108	65108		2342471	1762719	579752
Sep-19	370170	297810	72360	617661	309330	308331	586581	277302	309279	165141	116906	48235	127412	108322	19090	50700	26700	24000	363856	286830	77026	46629	46629		2328150	1469829	858321
Oct-19	403290	337680	65610	636394	327510	308884	565753	437635	128118	199221	144171	55050	137310	136330	980	134900	111400	23500	330721	289080	41641	69265	69265		2476854	1853071	623783
Nov-19	377100	299520	77580	633757	316890	316867	683265	532253	151012	217593	173268	44325	212242	192677	19565	243880	219600	24280	374050	341920	32130	74933	74933		2816820	2151061	665759
Dec-19	427950	301860	126090	610907	227520	383387	736074	576934	159140	212112	170962	41150	219893	185835	34058	285600	200100	85500	324460	231400	93060	57495	57495		2874491	1952106	922385
Jan-20	415260	344340	70920	675404	352530	322874	866277	433674	432603	216741	160256	56485	163980	157547	6433	337000	251500	85500	407300	332600	74700	66801	66801		3148762	2099247	1049515
Feb-20	385920	326340	59580	682223	323100	359123	767232	547660	219572	228949	192019	36930	161659	120709	40950	324772	239400	85372	379700	335600	44100	75425	75425		3005880	2160253	845627
Mar-20	461520	366390	95130	622452	312570	309882	700645	396032	304613	245671	202751	42920	104978	36482	68496	248000			414540	364500	50040	49490	49490		2847296	1976215	871081
Total	5223742	3924450	1299292	7446384	3851100	3595284	8317482	5946096	2371386	2361197	1797862	563335	1494479	1262832	231647	2363856	1873300	490556	4392605	3694740	697865	745691	733795	11896	32345435	23084175	9261261

## THIS YEAR EXCAVATION PERFORMANCE 2020-21

Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	
Apr-20	387810	270810	117000	584381	242010	342371	725760	413388	312372	225072	160817	64255	120420	80030	40390	351000	351000		346122	276813	69309	36098	36098		2776663	1830966	945697
May-20	407340	140580	266760	493348	13590	479758	578407	294279	284128	165976	20776	145200	61896	58571	3325	241000			251000		251000	45449	45449		2244416	814245	1430171
Jun-20	404910	209430	195480	395360	71460	323900	575647	394799	180848	221991	161006	60985	74255	54410	19845	168300	168300		220975	152822	68153	43448	43448		2104886	1255675	849211
Jul-20	319680	261090	58590	310320	163800	146520	652959	481527	171432	229972	188992	40980	163076	116229	46847	197000	197000		260287	240127	20160				2133294	1648765	484529
Aug-20	319410	265590	53820	434520	205020	229500	668427	474701	193726	238328	208358	29970	91113	78949	12164	170000	170000		266229	219791	46438				2188027	1622409	565618
Sep-20	628297	409230	219067	473310	254070	219240	757433	549432	208001	287296	250426	36870	110374	105404	4970	183600	183600		335406	247000	88406				2775716	1999162	776554
Oct-20	562138	390690	171448	610920	347940	262980	813352	550136	263216	263308	221868	41440	107935	69995	37940	225800	225800		432765	318300	114465	39267	35980	3287	3055485	2160709	894776
Nov-20	517946	382770	135176	533160	329580	203580	828467	607945	220522	294473	238803	55670	94545	70900	23645	232000	232000		367203	272600	94603	84745	84745		2952539	2219343	733196
Dec-20	548852	376830	172022	578430	378990	199440	949792	643102	306690	274284	238469	35815	84845	74000	10845	197600	197600		456217	300600	155617	102933	92933	10000	3192953	2302524	890429
Jan-21	561522	400590	160932	685170	400050	285120	824459	598666	225793	288801	273576	15225	123910	121300	2610	262000	262000		450170	343300	106870	96727	87727	9000	3292759	2487209	805550
Feb-21	524248	354870	169378	540990	241200	299790	841613	611065	230548	248105	200010	48095	126655	120400	6255	171700	171700		474717	332200	142517	80355	76355	4000	3008383	2107800	900583
Mar-21	552890	366390	186500	616290	333000	283290	787574	605162	182412	298697	246887	51810	174025	170500	3525	96900	96900		567964	397800	170164	100105	51108	48997	3194445	2267747	926698
Total	5735044	3828870	1906174	6256199	2980710	3275489	9003890	6224202	2779688	3036303	2409988	626315	1333049	1120688	212361	2496900	2496900		4429055	3101353	1327702	629125	553841	75284	32919565	22716552	10203013

Change Over Last Year

DIFF	511302	-95580	606882	-1190185	-870390	-319795	686408	278106	408302	675106	612126	62980	-161430	-142144	-19286	133044	623600	-490556	36450	-593387	629837	-116565	-179953	63388	574130	-367622	941752
%Chg	9.8	-2.4	46.7	-16.0	-22.6	-8.9	8.3	4.7	17.2	28.6	34.0	11.2	-10.8	-11.3	-8.3	5.6	33.3	-100.0	0.8	-16.1	90.3	-15.6	-24.5	532.9	1.8	-1.6	10.2

# Performance against Last Year

Unit in Te

Unit in Te	PREVIOUS YEAR PRODUCTION PERFORMANCE 2019-20																										
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-19	96120	208440	304560	80355	231111	311466	235045	320436	555481	1447	965	2412	23020	22596	45616	70273	83074	153346	86470	204320	290790	41031	42975	84006	633761	1113916	1747677
May-19	80463	224547	305010	72935	262700	335635	215460	379261	594721	90186	89837	180023	27238	21392	48630	68818	82737	151555	86275	206675	292950	25831	35778	61609	667206	1302927	1970133
Jun-19	96565	264065	360630	75243	248397	323640	191188	393427	584615	54669	105795	160464	20853	22227	43080	64730	43652	108382	92885	219865	312750	7447	27612	35059	603580	1325040	1928620
Jul-19	108100	251149	359249	68360	211573	279933	194632	352006	546638	60996	89376	150372	24663	45143	69806	69762	19497	89259	84110	209380	293490	43828	4148	47976	654451	1182272	1836723
Aug-19	96623	223867	320490	84377	199584	283961	196442	293979	490421	44574	85833	130407	10403	29490	39893	23714	3041	26755	86283	236547	322830	21773	43335	65108	564189	1115676	1679865
Sep-19	80314	217496	297810	93604	160647	254251	102200	179842	282042	38793	71357	110150	42815	38188	81003	10051	10051	77945	208885	286830	15294	31335	46629	461016	907750	1368766	
Oct-19	102046	235634	337680	103791	227315	331106	181041	256145	437186	57640	80281	137921	32725	54214	86939	52271	42258	94528	80665	208415	289080	33177	36088	69265	643355	1140350	1783705
Nov-19	73154	226366	299520	94389	247500	341898	181900	344373	526273	63356	105528	168884	47802	86259	134061	86064	85742	171806	89635	252285	341920	34800	40132	74932	671100	1388194	2059294
Dec-19	75264	226596	301860	59806	184528	244334	197304	365450	562754	67890	99847	167737	55303	100963	156266	78871	122659	201530	62100	169300	231400	39803	17692	57495	636341	1287035	1923375
Jan-20	85152	259188	344340	103511	274831	378342	123017	321717	444734	81253	74020	155273	54356	84008	138364	94618	144869	239487	89940	242660	323600	34533	32268	66801	666380	1433561	2099941
Feb-20	84418	241922	326340	103717	228700	332417	158452	365138	525390	110462	74576	185038	22584	86675	109259	95672	127023	222695	90220	245380	335600	35715	39710	75425	701240	1409124	2110364
Mar-20	72826	293564	366390	99048	221665	320713	108718	268714	377432	73958	126243	200201	17683	14123	31806	93735	153985	247720	100100	264400	364500	37492	11999	49490	603560	1354692	1958252
Total	1051045	2872834	3923879	1039136	2698560	3737696	2085399	3840488	5925887	745224	1003658	1748882	379445	605277	984722	808578	908537	1717115	102628	2668112	3694740	370724	363071	733795	7506179	14960537	22466716

Unit in Te	THIS YEAR PRODUCTION PERFORMANCE 2020-21																								RMD TOTAL		
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-20	64085	206725	270810	51803	160986	212789	136306	288167	424473	51170	85597	136767	33616	36738	70355	106802	235996	342798	66417	210396	276813	18389	17709	36098	528589	1242314	1770903
May-20	25584	114996	140580	5607	22768	28375	96999	219500	316499	6951	10005	16956	5637	47970	53607	108804	101477	210281	25469	19980	45449	275052	536696	811747			
Jun-20	41022	168408	209430	14642	43026	57668	121270	290359	411629	54800	82246	137046	9080	40289	49369	78058	81644	159702	33850	118972	152822	17225	26223	43448	369946	851167	1221114
Jul-20	58333	202757	261090	42889	113523	156412	146271	299586	445857	53712	123265	176977	39561	55821	95382	75207	118042	193249	66507	173620	240127				482480	1086614	1569094
Aug-20	75920	189670	265590	59885	148633	208518	151743	308688	460431	66087	133446	199533	35155	28731	63886	67234	91139	158373	71951	147840	219791				527975	1048148	1576122
Sep-20	91760	317470	409230	75728	177426	253154	166162	372920	539082	80769	159242	240011	30384	47599	79883	70466	101947	172413	70290	176710	247000				585559	1353315	1938873
Oct-20	97670	293020	390690	104972	257445	362417	221639	376797	598436	69868	147970	217838	47218	43137	90355	98518	117651	216169	74303	243997	318300	12859	23121	35980	727047	1503138	2230185
Nov-20	88204	294566	382770	75430	254205	329635	212693	406257	618950	65209	171794	237003	37808	43893	81700	89885	155893	245778	71719	200881	272600	35131	49614	84745	676079	1577102	2253181
Dec-20	81664	295166	376830	86700	300213	386913	202732	427880	630612	59997	171807	231804	48761	50357	99118	106599	186979	293578	80005	220595	300600	44780	48153	92933	711237	1701150	2412387
Jan-21	80118	320472	400590	101710	298339	400049	194150	389231	583381	63947	178844	242791	36906	84028	120934	124345	174640	298985	97784	245516	343300	40759	46968	87727	739719	1738037	2477757
Feb-21	70974	283896	354870	67878	183281	251159	191096	402604	593700	48438	129612	178050	45791	78958	124748	98015	67093	165109	88015	244185	332200	38683	37672	76355	648890	1427301	2076191
Mar-21	86562	279828	366390	62927	253598	316525	191355	427067	618422	69176	173171	242347	76279	81564	157844	26359	10896	37255	99920	297880	397800	33046	18062	51108	645624	1542066	2187690
Total	861896	2966974	3828870	750171	2213443	2963614	2032416	4209056	6241472	690124	1566999	2257123	446195	639086	1085281	1050293	1443397	2493690	820761	2280592	3101353	266340	287501	553841	6918196	15607048	22525244

Change Over Last Year

DIFF	-189149	94140	-95009	-288965	-485117	-774082	-52983	368568	315585	-55100	563341	508241	66750	33809	100559	241715	534860	776575	-205867	-387520	-593387	-104383	-75571	-1799
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# Performance against Last Year

Unit in Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2019-20																										
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-19	96988	280794	377782	115405	294500	409906	160085	257840	417926	18255	60941	79197	23870	24945	48815	81820	99024	180844	93757	203027	296784	37460	40809	78269	627641	1261881	1889522
May-19	84249	276191	360439	69662	300928	370590	218759	294752	513511	67408	52621	120030	23807	19674	43481	71974	110531	182505	80272	206594	286866	34307	33098	67405	650438	1294389	1944827
Jun-19	95527	281789	377316	80316	264348	344664	211647	346997	558644	77147	107264	184411	19975	14596	34570	61726	37443	99169	81427	211581	293008	6378	24141	30520	634143	1288159	1922302
Jul-19	103456	258082	361538	87011	266761	353772	202773	327706	530480	58008	65353	123360	27185	42716	69901	92230	29799	122029	75013	191694	266707	46149	10536	56685	691826	1192647	1884472
Aug-19	97197	225015	322212	96678	217620	314298	204511	320141	524652	46417	87433	133850	9867	25602	35469	32191	7703	39894	67554	220597	288151	18968	15446	34414	573383	1119558	1692941
Sep-19	81263	219828	301091	90536	196358	286893	144955	258410	403365	42417	67431	109847	45638	45984	91622	7124	7124	64882	219808	284690	21038	38926	59964	497852	1046744	1544597	
Oct-19	101241	221884	323125	98521	239451	337972	158402	261781	420183	43121	127796	170917	31382	54671	86053	53552	40352	93904	65118	194804	259922	29741	49956	79697	581077	1190695	1771772
Nov-19	65233	233929	299162	95095	210716	305812	182771	290738	473509	57750	87804	145555	38402	80706	119108	82462	84812	167274	78099	221673	299772	29951	38317	68268	629764	1248695	1878459
Dec-19	79304	142623	221927	53305	178659	231964	202072	369826	571898	76468	119520	195988	47905	75351	123256	73512	118930	192442	46164	115714	161878	40936	18190	59126	619667	1388812	1758479
Jan-20	81799	240982	322780	106171	243208	349378	148446	308988	457434	78138	86785	164923	61481	89753	151234	97107	140832	237939	96461	209768	306229	30165	32992	63157	699767	1353309	2053075
Feb-20	84585	255673	340258	99444	221186	320629	153851	280752	434603	97854	96604	194458	22464	105607	128071	101124	130722	231846	94813	203172	297985	35060	38646	73706	689194	1332362	2021556
Mar-20	72820	277957	350777	106581	265723	372304	139540	265992	405532	76159	112184	188343	22654	19376	42030	98269	153418	251688	101905	244166	346071	37793	10350	48143	655722	1349167	2004888
Total	1043661	2914747	3958408	1098725	2899457	3998182	2127812	3583924	5711736	739143	1071737	1810879	374630	598981	973611	853092	953566	1806657	945465	2442598	3388063	367947	351407	719354	7550474	14816416	22366890

Unit in Te	THIS YEAR DESPATCH PERFORMANCE 2020-21																											
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-20	66305	122229	188534	50658	99991	150649	128843	178047	306890	51317	46778	98095	28439	32205	60644	107184	239373	346557	62011	137549	199560	21689	20062	41751	516447	876233	1392679	
May-20	27981	137685	165666	12068	68827	80896	110724	199681	310404	13806	40785	54591	9881	48182	58064	103125	87802	190927	1511	47544	49055	19272			19272	298369	630506	928875
Jun-20	33764	159932	193696	7938	46056	53994	111060	246099	357159	42264	67458	109721	12945	48462	61407	76404	85476	161881	38881	110634	149515	14061	35941	50003	337317	800058	1137375	
Jul-20	51193	188141	219333	47127	146006	193133	169389	285601	454990	55216	134510	189725	42366	58097	100462	78673	124465	203138	76091	159113	235204	15022	9464	24486	535076	1105396	1640471	
Aug-20	71997	210938	282935	56690	174447	231137	171166	309240	480406	65734	127504	193238	33305	32698	66003	68172	94912	163085	66151	187274	253425				533215	1137013	1670228	
Sep-20	78824	275767	354590	58079	221420	279499	189990	493032	683022	72815	182172	254987	34312	47804	82116	76327	96635	172963	75554	159978	235532				585901	1476808	2062709	
Oct-20	79552	282565	362117	95023	251743	346766	183675	506711	690386	57374	148689	206063	44308	45437	89745	96876	120210	217086	71997	233056	305053	7121		7121	635926	1588411	2224337	
Nov-20	95936	319426	415363	86898	309260	396158	192848	470851	663699	62155	151868	214024	39950	44040	83990	88712	153910	242622	75305	218784	294089	32588	59315	91902	674392	1727454	2401846	
Dec-20	82743	280265	363008	98175	249639	347814	198048	473084	671131	61628	139589	201217	47954	42735	90689	103022	162686	265708	79948	215842	295789	42405	50317	92722	713922	1614157	2328079	
Jan-21	86903	346061	432964	97204	254490	351694	198426	494645	693071	60988	168098	229086	40021	85509	125530	131151	186566	317717	88610	216383	304993	33108	48812	81920	736411	1800563	2536975	
Feb-21	71003	285641	356644	69345	264856	334201	171789	453307	625096	50788	144804	195592	48290	86550	134840	101511	77698	179208	100444	212288	312732	42223	36641	78864	655391	1561785	2217176	
Mar-21	88729	271245	359975	73611	273013	346623	197082	520308	717390	63668	194105	257773	76610	81106	157716	22147	10841	32988	102756	269460	372216	39481	18084	57565	664084	1638163	2302246	
Total	834930	2879895	3714825	752816	2359747	3112563	2023039	4630605	6653644	657752	1546360	2204112	458380	652825	1111205	1053304	1440575	2493879	839259	2167905	3007163	266970	278636	545606	6886450	15956547	22842997	

Change Over Last Year

DIF	-208731	-34852	-243583	-345910	-539710	-885620	-104773	1046681	941908	-81391	474623	393233	83750	53844	137594	200213	487009	687222	-106206	-274693	-380899	-100977	-72771	-173748	-664024	114013
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**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

Mar-21

बोकारो इस्पात संयंत

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL										
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB	85	79	93	800	780	98	401	95	75	40	54	1200	1414	118	1360	4	160	119	75	2000	2195	110	1761	25	
MBR	80	41	51	750	663	88	738	-10	140	161	115	1150	996	87	1185	-16	220	201	92	1900	1658	87	1922	-14	
BOL	65	70	108	450	547	122	506	8	45	89	197	650	646	99	482	34	110	159	145	1100	1193	108	988	21	
BAR		4			96		388	-75	50			300	15	5	619	-98	50	4	8	300	110	37	1007	-89	
TAL					7		179	-96					11		131	-92						18		311	-94
KAL	25			300			41	-100	20			200	138	69	112	23	45			500	138	28	153	-9	
GUA		8			9		39	-76		10			13		97	-87		18				22		135	-84
MPR	40	39	99	300	261	87	299	-13	15	18	121	100	210	210	88	139	55	58	105	400	471	118	387	22	
RMD TOT	295	242	82	2600	2364	91	2590	-9	345	318	92	3600	3442	96	4074	-16	640	559	87	6200	5806	94	6664	-13	
DRZ						27																27			
PUR																									
GR TOT	295	242	82	2600	2390	92	2590	-8	345	318	92	3600	3442	96	4074	-16	640	559	87	6200	5833	94	6664	-12	
FLUXES																									
KTR	30	41	135	344	398	116	468	-15																	
TDMR																									
TOT	30	41	135	344	398	116	551	-28																	

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**  
**Mar-21**  
**द्वारापूर इस्पात संयंत्र**

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB									4			79					4			79				
MBR							5	-100				89			195	-55				89			200	-56
BOL	105	109	104	1150	1299	113	1237	5	215	135	63	2050	1914	93	2027	-6	320	244	76	3200	3213	100	3264	-2
BAR							8	-100															8	-100
TAL																								
KAL						4																	4	
GUA	15	4	24	100	85	85	201	-58	15	4	30	300	178	59	354	-50	30	8	27	400	264	66	555	-52
MPR																								
RMD TOT	120	113	94	1250	1388	111	1451	-4	230	143	62	2350	2259	96	2576	-12	350	256	73	3600	3648	101	4027	-9
DRZ																								
PUR																								
GR TOT	120	113	94	1250	1388	111	1451	-4	230	143	62	2350	2259	96	2576	-12	350	256	73	3600	3648	101	4027	-9
FLUXES																								
KTR	10			38	28	73	40	-30																
TDMR																								
TOT	10			38	28	73	40	-30																

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

Mar-21

राउरकेला इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF			
KRB	10	10	96	100	54	54	643	-92	125	113	91	800	713	89	982	-27	135	123	91	900	768	85	1625	-53	
MBR		33			90		357	-75	15	112	748	400	802	200	993	-19	15	145	968	400	892	223	1349	-34	
BOL		3			3					42			98						45			101			
BAR	90	56	62	750	529	71	344	54	40	56	139	450	747	166	444	68	130	111	86	1200	1276	106	788	62	
TAL	35	77	219	350	452	129	195	131	65	81	125	650	642	99	468	37	100	158	158	1000	1093	109	663	65	
KAL	75	22	30	800	1049	131	813	29	60	11	18	800	1279	160	724	77	135	33	24	1600	2328	145	1537	51	
GUA												33			11	210						33		11	210
MPR				50	6	12	65	-91	30			300	68	23	258	-73	30				350	74	21	323	-77
RMD TOT	210	201	96	2050	2183	107	2416	-10	335	415	124	3400	4382	129	3879	13	545	616	113	5450	6565	120	6295	4	
DRZ																									
PUR																									
GR TOT	210	201	96	2050	2183	107	2416	-10	335	415	124	3400	4382	129	3879	13	545	616	113	5450	6565	120	6295	4	

FLUXES

KTR	15	12	81	145	149	103	243	-39
TDMR							38	-100
TOT	15	12	81	145	149	103	281	-47

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**Mar-21**

**बनेपूर इस्पात संयंत्र**

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB									8			96			96		8			96			96	
MBR									35			300	474	158	527	-10	35			300	474	158	527	-10
BOL	35	14	39	500	173	35	384	-55		19		300	450	150	1052	-57	35	33	94	800	624	78	1437	-57
BAR					10																		10	
TAL																								
KAL																								
GUA	85	91	107	800	745	93	706	6	255	255	100	2400	1926	80	1625	19	340	346	102	3200	2671	83	2330	15
MPR							3	-100							3	-100							7	-100
RMD TOT	120	105	87	1300	928	71	1093	-15	290	282	97	3000	2946	98	3303	-11	410	387	94	4300	3874	90	4396	-12
DRZ																								
PUR																								
GR TOT	120	105	87	1300	928	71	1093	-15	290	282	97	3000	2946	98	3303	-11	410	387	94	4300	3874	90	4396	-12

**FLUXES**

KTR							
TDMR							
TOT							

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

Mar-21

भेलाइ इस्पात संयंत्र

MINE	LUMP								FINES								TOTAL								UNIT '000 TONNES		
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH			
	APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF			YR	%	
KRB									60	106	176	700	577	82	573	1	60	106	176	700	577	82	573	1			
MBR																											
BOL																											
BAR		4			23															4			23				
TAL																											
KAL									30			170	23	14	117	-80	30			170	23	14	117	-80			
GUA												18		357	-95						18		357	-95			
MPR														3	-100								3	-100			
RMD TOT		4			23				90	106	117	870	619	71	1050	-41	90	110	122	870	642	74	1050	-39			
DRZ																											
PUR																											
GR TOT		4			23				90	106	117	870	619	71	1050	-41	90	110	122	870	642	74	1050	-39			
FLUXES																											
KTR	25	12	48	223	204	92	497	-59																			
TDMR							47	-100																			
TOT	25	12	48	223	204	92	543	-62																			

**Mar-21**  
**BSL+DSP+RSP+ISP+BSP**

MINE	LUMP										FINES										TOTAL										UNIT '000 TONNES	
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH								
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%								
KRB	95	89	93	900	835	93	1044	-20	260	271	104	2700	2880	107	3011	-4	355	360	101	3600	3715	103	4054	-8								
MBR	80	74	92	750	753	100	1099	-31	190	273	144	1850	2360	128	2899	-19	270	347	128	2600	3113	120	3998	-22								
BOL	205	197	96	2100	2023	96	2128	-5	260	284	109	3000	3108	104	3561	-13	465	481	104	5100	5131	101	5689	-10								
BAR	90	64	71	750	658	88	739	-11	90	56	62	750	762	102	1064	-28	180	119	66	1500	1420	95	1803	-21								
TAL	35	77	219	350	458	131	375	22	65	81	125	650	653	100	599	9	100	158	158	1000	1111	111	974	14								
KAL	100	22	22	1100	1053	96	853	23	110	11	10	1170	1441	123	954	51	210	33	16	2270	2494	110	1807	38								
GUA	100	103	103	900	839	93	945	-11	270	269	100	2700	2168	80	2443	-11	370	372	101	3600	3007	84	3388	-11								
MPR	40	39	99	350	267	76	368	-27	45	18	40	400	278	70	351	-21	85	58	68	750	546	73	719	-24								
RMD TOT	745	664	89	7200	6887	96	7550	-9	1290	1264	98	13220	13649	103	14882	-8	2035	1928	95	20420	20535	101	22432	-8								
DRZ					27																27											
PUR																																
GR TOT	745	664	89	7200	6913	96	7550	-8	1290	1264	98	13220	13649	103	14882	-8	2035	1928	95	20420	20562	101	22432	-8								
FLUXES																																
KTR	80	65	81	750	779	104	1247	-38																								
TDMR																																
TOT	80	65	81	750	779	104	1415	-45																								

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**Mar-21**

**Sale**

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB									80			500					80			500				
MBR									140			900					140			900				
BOL									120	236	197	1100	1523	138			120	236	197	1100	1523	138		
BAR									80	139	173	700	785	112			80	139	173	700	785	112		
TAL																								
KAL												30								30				
GUA												30								30				
RMD TOT									420	375	89	3260	2308	71			420	375	89	3260	2308	71		
PUR																								
DRZ																								
GR TOT									420	375	89	3260	2308	71			420	375	89	3260	2308	71		

## FLUX MINES OPERATIONS

Mar-21

UNIT 000 TONNES

### PRODUCTION

MINE		PLAN 2020-21	FOR THE MONTH				GRTH % OVER LSTYR Mar-20	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR Mar-20		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	750	80	58	72.2	41	40.0	750	782	104	1238	-36.8
TULSIDAMAR	DOLO										167	-100.0
RMD TOTAL		750	80	58	72.2	41	40.0	750	782	104	1405	-44.3

### DESPATCHES

MINE		PLAN 2020-21	FOR THE MONTH				GRTH % OVER LSTYR Mar-20	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR Mar-20		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	750	80	65	80.8	44	47.0	750	779	104	1247	-37.6
TULSIDAMAR	DOLO					29	-100.0				168	-100.0
RMD TOTAL		750	80	65	80.8	73	-11.3	750	779	104	1415	-45.0

## Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2019-20					
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-19	103185	103843	4991	6436	108176	110279
May-19	106405	111455	13271	5580	119676	117035
Jun-19	99865	103779	17007	21047	116872	124825
Jul-19	116147	103395	21599	19730	137746	123125
Aug-19	114438	118764	18702	8038	133140	126802
Sep-19	124344	127962	17721	4121	142065	132083
Oct-19	109201	110791	16712	21181	125913	131972
Nov-19	126203	119887	14231	3782	140434	123668
Dec-19	106377	99972	18565	12006	124942	111978
Jan-20	116321	119470	15613	20017	131934	139487
Feb-20	74369	83749	8551	17475	82920	101224
Mar-20	41267	43992		28875	41267	72867
Total	1238121	1247056	166964	168288	1405084	1415343

	THIS YEAR FLUX PERFORMANCE 2020-21					
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-20						
May-20						
Jun-20	29363	27019			29363	27019
Jul-20	49730	51998			49730	51998
Aug-20	59214	64410			59214	64410
Sep-20	81441	79651			81441	79651
Oct-20	104090	96631			104090	96631
Nov-20	98999	104730			98999	104730
Dec-20	99669	100824			99669	100824
Jan-21	109511	104879			109511	104879
Feb-21	92312	84324			92312	84324
Mar-21	57769	64660			57769	64660
Total	782097	779128			782097	779128
Over Last Year						
DIFF	-456024	-467928	-166964	-168288	-622987	-636216
%Chg	-36.8	-37.5	-100.0	-100.0	-44.3	-45.0

**QUALITY ANALYSED AT PLANT**

**Mar-21**

**बोकारो इस्पात संयंत्र**

**लौह अयस्क लम्प**

**लौह अयस्क फाईन्स**

**FLUX**

MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM	62.5	4	2	10	10	62	4.3	2.5	5	40	TDM	NORM	30	18	5	5	10
	MTH ACT	62.45	3.51	2.29	20.18	21.18	61.64	4.33	2.82	6.91	42.06		MTH ACT					
CUM	2020-21	62.26	3.92	2.18	18.77	20.83	61.4	4.88	2.52	6.02	40.38	CUM	2020-21					
CUM	2019-20	62.72	3.33	2.07	20.7	18.57	61.51	4.46	2.61	8.41	33.38	CUM	2019-20	26.97	16.69	5.79	5.02	8.18

MBR	NORM	62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	61.97	4.34	2.2	20.19	20.41	61.13	5.48	2.47	6.05	31.22		MTH ACT	44.99	4.93	3.92	7.84	26.13
CUM	2020-21	61.89	4.25	2.4	16.74	24.25	60.98	5.24	2.84	5.88	39.49	CUM	2020-21	43.27	4.73	3.90	7.25	27.43
CUM	2019-20	62.83	3.29	1.96	17.25	21.26	61.48	4.81	2.39	6.06	35.95	CUM	2019-20	42.96	3.93	3.64	10.22	17.95

GUA	NORM	62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45							
	MTH ACT	62.04	4.01	2.43	15.13	21.08	60.66	4.97	3.42	3.58	43.3							
CUM	2020-21	61.83	4.18	2.61	14.22	21.16	60.66	4.99	3.48	3.15	44.07							
CUM	2019-20	61.7	2.67	2.03	18.07	19.25	60.29	3.77	2.54	4.12	37.29							

BOL	NORM	62.4	3.1	2.5	10	10	62.2	3.2	2.8	5	35							
	MTH ACT	61.97	4.34	2.2	20.19	20.41	61.76	4.31	2.67	6.53	42.84							
CUM	2020-21	62.52	3.47	2.22	22.01	20.04	61.74	4.31	2.59	6.19	38.84							
CUM	2019-20	62.98	2.67	2.25	21.41	17.44	61.71	4.04	2.68	6.4	35.63							

BAR	NORM	62.3	2.8	3	10	10	61.3	3.7	3.5	8	40							
	MTH ACT	62.66	3.26	2.17	35.1	12.8												
CUM	2020-21	62.38	3.14	2.8	17.97	23.6	61.35	4.82	2.83	6.05	41.05							
CUM	2019-20	62.71	2.56	2.76	18.78	16.84	61.14	4.08	3.53	6.23	33.53							

KAL	NORM	63	2.6	2.2	5	5	63	2.9	2.5	5	40							
	MTH ACT																	
CUM	2020-21						62.86	3.32	2.25	3.49	33.19							
CUM	2019-20	62.72	2.81	2.73	9.33	24.17	62.34	3.59	2.43	4.77	34.46							

MPR	NORM	63	2.5	2.2	10	10	63	2.8	2.4	5	40							
	MTH ACT	63.15	3	1.99	8.41	12.32	63	3.25	2.17	4.21	34.54							
CUM	2020-21	63.2	2.75	2.11	9.47	13.3	62.85	3.25	2.23	4.6	32.52							
CUM	2019-20	63.58	2.18	2.05	11.28	10.05	62.83	3.22	2.07	4.62	29.2							

TAL	NORM	62.5	2.4	2.4	5	10	62.2	3	3	5	40							
	MTH ACT																	
CUM	2020-21	63.02	3.08	2.04	10.4	14.9	62.59	3.21	2.46	4.57	33.83							
CUM	2019-20	63.2	2.27	2.3	10.64	11	61.81	3.82	2.8	5.04	30.14							

**QUALITY ANALYSED AT PLANT**

**Mar-21**

**दूर्गापूर इस्पात संयंत्र**

**लोह अयस्क लम्फ**

**लोह अयस्क फाईन्स**

**FLUX**

MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM	62.5	4	2	10	10	62	4.3	2.5	5	40	TDM	NORM	30	18	5	5	10
	MTH ACT						61.9	4.8	3.2	14.7	25.6		MTH ACT					
CUM	2020-21						61.72	3.91	2.66	12.64	40.52	CUM	2020-21					
CUM	2019-20											CUM	2019-20					

MBR		62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
MBR		MTH ACT											MTH ACT	45.2	2.5	4.6	7	6.9
CUM	2020-21						60.18	6.4	3.16	8.79	42.17	CUM	2020-21	45.69	1.75	4.08	10.32	10.41
CUM	2019-20	58.8	6.9	2.6	5.2	17.1	60.89	6.19	2.37	6.73	45.39	CUM	2019-20	45.54	1.84	4.47	12.31	27.93

GUA	NORM	62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45
	MTH ACT						60.6	4.6	3.1	9	54.6
CUM	2020-21	60.25	6.1	2.2	15.4	13.8	61.37	5.06	2.37	5.34	46.57
CUM	2019-20	61.85	3.86	2.1	13.95	12.49	62.39	3.64	2.48	4.61	48.94

BOL	NORM	62.4	3.1	2.5	10	10	62.2	3.2	2.8	5	35
	MTH ACT	62.09	2.47	2.64	32.02	10.48	61.61	3.46	3.07	10.73	42.83
CUM	2020-21	62.18	2.75	2	28.57	11.06	62.18	3.21	2.54	10.07	39.12
CUM	2019-20	62.04	3.01	2.04	25.13	12.27	62.33	3.1	2.64	7.51	41.68

BAR	NORM	62.3	2.8	3	10	10	61.3	3.7	3.5	8	40
	MTH ACT										
CUM	2020-21										
CUM	2019-20	60.8	2.67	4.33	26.5	22.8					

KAL	NORM	63	2.6	2.2	5	5	63	2.9	2.5	5	40
	MTH ACT										
CUM	2020-21	62.55	1.5	3.2	10.4	10.35					
CUM	2019-20										

**QUALITY ANALYSED AT PLANT**

**Mar-21**

**राउरकेला इस्पात संयंत्र**

**लौह अयस्क लम्प**

**लौह अयस्क फाईन्स**

**FLUX**

MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM	62.5	4	2	10	10	62	4.3	2.5	5	40	TDM	NORM	30	18	5	5	10
	MTH ACT	62.73	3.00	2.60	18.00	19.00	60.86	4.68	3.06	7.42	40.33		MTH ACT					
CUM	2020-21	62.19	3.41	2.79	13.64	19.54	61.32	4.28	2.88	7.13	39.18	CUM	2020-21					
CUM	2019-20	62.11	4.02	2.57	15.60	21.43	61.48	4.32	2.60	7.56	39.74	CUM	2019-20	29.06	18.58	5.72		

MBR	NORM	62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	60.90	5.44	2.68	13.43	18.14	60.34	5.56	3.11	7.57	40.29		MTH ACT	49.03	3.20	3.30		
CUM	2020-21	61.50	4.51	2.68	8.56	16.91	60.86	4.72	3.13	7.29	40.04	CUM	2020-21	49.25	2.95	3.45		
CUM	2019-20	62.08	4.02	2.64	18.06	21.20	61.52	4.21	2.64	9.68	35.69	CUM	2019-20	49.60	2.46	3.69		

GUA	NORM	62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45							
	MTH ACT																	
CUM	2020-21						62.19	3.79	2.28									
CUM	2019-20						62.10	4.10	1.93	6.50	38.50							

BOL	NORM	62.4	3.1	2.5	10	10	62.2	3.2	2.8	5	35							
	MTH ACT	62.70	3.10	2.40	15.00	13.00												
CUM	2020-21	62.70	3.10	2.40	15.00	13.00												
CUM	2019-20																	

BAR	NORM	62.3	2.8	3	10	10	61.3	3.7	3.5	8	40							
	MTH ACT	61.78	3.35	3.44	18.36	17.86	61.04	4.18	3.38	6.50	39.00							
CUM	2020-21	62.25	3.09	2.99	9.17	20.38	61.35	3.66	3.48	7.34	40.18							
CUM	2019-20	62.14	2.91	3.32	9.95	21.33	61.46	3.54	3.43	7.82	40.41							

KAL	NORM	63	2.6	2.2	5	5	63	2.9	2.5	5	40							
	MTH ACT	63.18	2.43	2.34	4.25	12.13	62.87	2.53	2.23	5.50	37.50							
CUM	2020-21	63.15	2.39	2.40	5.79	13.15	62.81	2.64	2.41	5.60	38.25							
CUM	2019-20	63.16	2.60	2.40	10.27	15.38	62.88	2.50	2.43	7.02	37.60							

MPR	NORM	63	2.5	2.2	10	10	63	2.8	2.4	5	40							
	MTH ACT																	
CUM	2020-21	63.25	2.29	2.36	3.27	7.08	63.07	2.30	2.37	5.84	34.70							
CUM	2019-20	63.38	2.57	2.16	18.74	15.98	62.95	2.57	2.26	7.28	38.28							

TAL	NORM	62.5	2.4	2.4	5	10	62.2	3	3	5	40							
	MTH ACT	62.69	2.94	2.57	6.12	16.76	61.22	3.98	3.36	6.17	38.42							
CUM	2020-21	62.85	2.65	2.60	6.13	16.22	62.33	2.82	2.84	5.85	38.66							
CUM	2019-20	63.09	2.37	2.62	6.61	13.13	62.50	2.89	2.63	3.10	24.02							

**QUALITY ANALYSED AT PLANT**

**Mar-21**

**बर्नपूर इस्पात संयंत्र**

**लौह अयस्क लम्प**

**लौह अयस्क फार्इन्स**

**FLUX**

MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES	CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM	62.5	4	2	10	10	62	4.3	2.5	5	40	TDM	30	18	5	5	10
	MTH ACT						61.29	4.39	3.05	6.63	44.39		MTH ACT				
CUM	2020-21						60.82	5.35	3.11	9.14	41.77	CUM	2020-21				
CUM	2019-20											CUM	2019-20				

MBR	NORM	62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT										MTH ACT							
CUM	2020-21						61.35	4.59	3.27	9.36	38.65	CUM	2020-21					
CUM	2019-20						62.11	4.72	2.12	8.41	41.06	CUM	2019-20					

GUA	NORM	62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45
	MTH ACT	63.07	3.75	1.56	19.14	3.45	62.49	3.55	2.51	7.94	43.82
CUM	2020-21	63.18	3.44	1.86	14.64	4.30	62.14	4.01	2.76	7.95	42.33
CUM	2019-20	63.11	3.56	1.78	14.02	6.51	62.9	3.72	2.06	7.07	46.31

BOL	NORM	62.4	3.1	2.5	10	10	62.2	3.2	2.8	5	35
	MTH ACT	62.49	4.17	1.58	19.48	4.17	61.58	4.53	2.82	7.75	43.80
CUM	2020-21	63.09	3.46	1.86	21.63	4.36	61.73	4.21	3.07	8.84	41.01
CUM	2019-20	63.07	3.66	1.88	23.47	6.32	62.52	3.76	2.48	8.71	40.57

BAR	NORM	62.3	2.8	3	10	10	61.3	3.7	3.5	8	40
	MTH ACT										
CUM	2020-21	60.8	3.88	4.98	25.08	9.84					
CUM	2019-20										

MPR	NORM	63	2.5	2.2	10	10	63	2.8	2.4	5	40
	MTH ACT										
CUM	2020-21										
CUM	2019-20						62.65	4.43	2.56	5.78	47.69

**QUALITY ANALYSED AT PLANT**

**Mar-21**

**भिलाई इस्पात संयत्र**

**लौह अयस्क लम्प**

**लौह अयस्क फार्म्स**

**FLUX**

MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM	62.5	4	2	10	10	62	4.3	2.5	5	40	TDM	NORM	30	18	5	5	10
	MTH ACT						61.47	4.12	2.97	8.07	49.70		MTH ACT					
CUM	2020-21						61.41	4.48	2.51	8.08	46.61	CUM	2020-21					
CUM	2019-20						62.33	4.25	2.49	8.37	43.22	CUM	2019-20	28.48	18.26	7.2	29.99	11.53

MBR	NORM	62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT										MTH ACT	49.75	2.34	3.74	8.85	15.95		
CUM	2020-21										CUM	2020-21	49.81	2.23	3.85	8.24	16.00	
	2019-20											CUM	2019-20	49.85	2.16	3.87	9.05	18.42

GUA	NORM	62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45
	MTH ACT										
CUM	2020-21						60.18	6.36	3.26	4.03	42.42
CUM	2019-20						62.85	4.35	2.13	2.61	54.33

BAR	NORM	62.3	2.8	3	10	10	61.3	3.7	3.5	8	40
	MTH ACT										
CUM	2020-21		61.61	3.27	3.25	40.63	10.59				
CUM	2019-20										

KAL	NORM	63	2.6	2.2	5	5	63	2.9	2.5	5	40
	MTH ACT										
CUM	2020-21						63.70	3.55	2.64	1.35	47.10
CUM	2019-20						62.89	3.62	2.69	2.23	48.01

### किरीबुरु

### लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.34	3.76	2.37	17.65	20.27	6.13	0.63	1047714
APP 20-21	62.50	4.00	2.00	10.00	10.00	6.00	0.50	
Apr-20	62.68	3.43	2.05	20.03	17.76	5.48	0.60	70527
May-20	62.81	2.97	2.43	13.95	25.09	5.40	0.82	27981
Jun-20	62.61	3.50	2.13	13.34	23.67	5.63	0.61	33764
Jul-20	62.58	3.43	2.25	15.30	23.87	5.69	0.66	51294
Aug-20	62.10	4.28	2.05	17.43	21.61	6.33	0.48	68381
Sep-20	61.26	5.74	1.88	18.17	21.55	7.62	0.33	78610
Oct-20	61.75	4.74	2.04	18.38	21.85	6.78	0.43	83407
Nov-20	62.44	3.32	2.46	20.30	18.41	5.78	0.74	96502
Dec-20	62.39	3.32	2.56	16.92	21.65	5.88	0.77	78780
Jan-21	62.59	3.36	2.26	18.19	20.24	5.62	0.67	82086
Feb-21	61.94	4.38	2.20	22.37	18.01	6.57	0.50	71993
Mar-21	62.48	3.45	2.32	19.94	20.94	5.78	0.67	87908
CUMML	62.25	3.89	2.22	18.45	20.76	6.11	0.57	831233

### किरीबुरु

### फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	61.63	4.38	2.60	8.17	36.95	6.98	0.59	2937149
APP 20-21	62.00	4.30	2.50	5.00	40.00	6.80	0.58	
Apr-20	61.52	4.27	2.76	7.82	39.10	7.03	0.65	122327
May-20	62.15	3.93	2.54	6.26	33.75	6.47	0.64	137409
Jun-20	62.18	4.12	2.26	5.03	41.04	6.38	0.55	152670
Jul-20	61.83	4.25	2.59	4.94	42.88	6.85	0.61	192612
Aug-20	60.94	5.84	2.32	5.25	41.17	8.16	0.40	207293
Sep-20	61.07	5.71	2.22	5.73	42.85	7.93	0.39	267013
Oct-20	61.07	5.14	2.51	6.91	40.33	7.65	0.49	275974
Nov-20	61.42	4.47	2.76	7.50	40.82	7.22	0.62	313389
Dec-20	61.75	3.75	3.03	8.06	39.62	6.78	0.81	276701
Jan-21	61.56	4.38	2.85	8.46	43.68	7.23	0.65	355474
Feb-21	60.53	4.96	2.48	7.83	43.62	7.44	0.50	286546
Mar-21	61.22	4.43	2.99	7.65	43.73	7.42	0.68	287519
CUMML	61.37	4.65	2.64	6.99	41.53	7.28	0.57	2874927

### मेघाहातुबुरु

### लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.58	3.53	2.18	17.48	21.23	5.71	0.62	1095394
APP 20-21	62.30	3.80	2.20	10.00	10.00	6.00	0.58	
Apr-20	62.57	3.47	2.26	14.02	24.41	5.72	0.65	46036
May-20	61.87	4.17	2.53	17.43	20.63	6.70	0.61	15877
Jun-20	61.00	5.05	3.03	19.90	18.90	8.08	0.60	7938
Jul-20	61.68	4.09	2.89	15.96	27.43	6.98	0.71	38877
Aug-20	61.46	4.73	2.59	14.90	31.32	7.32	0.55	98087
Sep-20	61.50	5.13	2.12	17.24	22.86	7.25	0.41	66207
Oct-20	61.98	4.14	2.33	13.83	22.62	6.48	0.56	89794
Nov-20	62.16	3.75	2.42	17.25	22.65	6.17	0.65	83172
Dec-20	62.03	3.63	2.75	15.03	21.16	6.38	0.76	101658
Jan-21	61.87	4.43	2.26	14.87	25.16	6.69	0.51	101309
Feb-21	61.86	4.45	2.25	18.88	20.65	6.70	0.51	82205
Mar-21	61.53	4.79	2.40	17.41	19.47	7.19	0.50	67798
CUMML	61.85	4.28	2.43	15.95	23.64	6.71	0.57	798958

### मेघाहातुबुरु

### फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	61.53	4.72	2.44	7.39	37.44	7.16	0.52	2863144
APP 20-21	61.00	4.90	2.60	5.00	40.00	7.50	0.53	
Apr-20	61.32	4.92	2.57	6.55	39.05	7.49	0.52	103855
May-20	61.89	4.07	2.77	7.62	40.01	6.85	0.68	72029
Jun-20	61.53	4.83	2.65	5.66	41.01	7.48	0.55	44880
Jul-20	61.43	4.61	2.95	6.76	39.93	7.56	0.64	140237
Aug-20	60.97	4.96	3.06	6.74	39.04	8.02	0.62	172822
Sep-20	61.11	4.78	3.00	7.35	39.02	7.78	0.63	217554
Oct-20	61.17	4.80	2.85	6.86	39.94	7.66	0.59	251276
Nov-20	60.82	5.00	3.14	7.40	40.49	8.14	0.63	265317
Dec-20	60.99	4.60	3.40	7.39	41.43	8.00	0.74	235463
Jan-21	60.71	5.18	3.26	7.34	41.23	8.44	0.63	228239
Feb-21	60.70	5.42	3.01	7.23	41.15	8.43	0.55	258419
Mar-21	60.84	5.51	2.71	6.62	34.59	8.22	0.49	250419
CUMML	61.00	4.97	3.00	7.06	39.66	7.98	0.60	2240510

बोलानी

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.47	3.05	2.06	23.92	12.38	5.11	0.68	2050355
APP 20-21	62.40	3.10	2.50	10.00	10.00	5.60	0.81	
Apr-20	62.86	2.57	1.86	27.93	11.67	4.43	0.72	127088
May-20	62.50	2.97	2.05	31.03	8.10	5.02	0.69	108272
Jun-20	62.73	2.45	1.84	24.51	9.33	4.29	0.75	106987
Jul-20	62.23	3.23	2.15	25.07	12.64	5.38	0.66	159098
Aug-20	62.63	2.87	1.57	29.50	12.08	4.44	0.55	164235
Sep-20	62.53	2.99	1.81	22.72	15.40	4.80	0.61	185095
Oct-20	62.58	3.35	1.84	22.96	16.32	5.19	0.55	187868
Nov-20	62.50	2.75	2.10	25.79	13.16	4.84	0.76	187132
Dec-20	62.05	3.36	2.14	25.45	15.30	5.51	0.64	189259
Jan-21	61.92	3.27	2.36	26.63	12.81	5.63	0.72	188114
Feb-21	62.03	2.57	2.36	27.80	10.15	4.93	0.92	148855
Mar-21	62.09	3.30	2.39	26.40	13.66	5.69	0.72	195390
CUMML	62.36	3.01	2.05	26.10	12.95	5.07	0.68	1947393

बोलानी

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.31	3.42	2.60	7.72	40.54	6.02	0.76	3640773
APP 20-21	62.20	3.20	2.80	5.00	35.00	6.00	0.88	
Apr-20	62.37	2.86	2.69	8.14	41.20	5.55	0.94	158750
May-20	62.14	3.23	3.01	7.83	41.48	6.24	0.93	192288
Jun-20	62.42	2.81	2.39	10.51	37.95	5.20	0.85	132210
Jul-20	61.79	4.24	2.59	7.51	36.39	6.83	0.61	268742
Aug-20	62.40	3.50	2.21	8.43	38.04	5.71	0.63	270361
Sep-20	62.45	3.50	2.16	8.19	39.48	5.66	0.62	243798
Oct-20	62.33	3.88	2.20	7.72	40.47	6.08	0.57	200197
Nov-20	62.30	3.26	2.48	8.23	40.29	5.73	0.76	237661
Dec-20	61.92	3.61	2.79	9.13	41.15	6.41	0.77	296592
Jan-21	61.28	4.11	3.00	10.63	35.48	7.11	0.73	375163
Feb-21	61.81	3.37	2.89	11.93	40.19	6.27	0.86	218963
Mar-21	61.66	3.86	2.90	8.91	42.91	6.76	0.75	251778
CUMML	62.01	3.61	2.63	8.97	39.35	6.24	0.73	2846503

गुआ

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.84	3.57	1.85	14.15	8.29	5.42	0.52	971413
APP 20-21	62.50	3.50	2.10	10.00	10.00	5.60	0.60	
Apr-20	63.56	3.05	1.60	28.59	3.19	4.65	0.52	65457
May-20	56.00	9.80	3.10	22.50	8.80	12.90	0.32	1690
Jun-20	62.21	4.32	2.27	24.95	4.92	6.59	0.53	37257
Jul-20	63.51	2.54	2.33	9.18	5.18	4.87	0.92	75915
Aug-20	62.88	3.63	2.07	8.49	5.47	5.70	0.57	63943
Sep-20	62.98	3.45	2.04	14.93	6.52	5.49	0.59	73170
Oct-20	61.12	6.18	1.80	12.55	11.18	7.98	0.29	80403
Nov-20	62.67	3.48	2.15	13.41	5.61	5.63	0.62	79895
Dec-20	63.62	2.50	2.09	14.08	4.31	4.59	0.84	81825
Jan-21	60.55	3.79	1.34	9.28	4.60	5.13	0.35	77971
Feb-21	62.83	3.98	1.74	12.86	4.18	5.71	0.44	105806
Mar-21	62.07	3.71	1.59	18.90	4.52	5.30	0.43	109351
CUMML	62.51	3.70	1.88	14.72	5.42	5.58	0.51	852683

गुआ

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.77	3.80	2.16	5.92	47.61	5.96	0.57	2417238
APP 20-21	62.50	3.70	2.30	5.00	45.00	6.00	0.62	
Apr-20	62.85	3.58	2.02	6.48	45.96	5.61	0.56	142807
May-20	62.79	3.29	2.59	7.85	40.64	5.88	0.79	46141
Jun-20	62.13	3.65	3.09	6.50	44.67	6.74	0.85	104695
Jul-20	62.53	3.50	2.78	6.97	41.34	6.28	0.79	152056
Aug-20	61.07	4.69	3.51	8.08	39.24	8.20	0.75	169861
Sep-20	61.39	4.81	2.97	6.22	41.19	7.78	0.62	161302
Oct-20	62.01	4.70	2.35	5.98	45.52	7.06	0.50	226526
Nov-20	61.36	4.49	3.32	8.49	41.93	7.81	0.74	216981
Dec-20	62.38	3.68	2.68	8.93	40.69	6.35	0.73	198532
Jan-21	62.23	4.32	2.31	9.10	41.92	6.63	0.53	210949
Feb-21	62.09	4.15	2.63	8.38	44.07	6.78	0.63	225177
Mar-21	62.42	3.60	2.54	7.82	43.89	6.14	0.71	275173
CUMML	62.06	4.11	2.72	7.67	42.74	6.83	0.66	2130200

### बरसुआ

### लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.43	2.74	3.02	14.70	19.15	5.75	1.10	764040
APP 20-21	62.30	2.80	3.00	10.00	10.00	5.80	1.07	
Apr-20	62.05	3.39	2.95	37.34	13.13	6.34	0.87	51318
May-20	62.10	2.69	3.25	28.88	18.25	5.94	1.21	13806
Jun-20	62.29	3.12	3.06	17.23	21.08	6.18	0.98	45123
Jul-20	62.25	2.84	3.24	14.69	20.11	6.08	1.14	51837
Aug-20	62.00	3.23	3.27	9.51	23.78	6.49	1.01	69114
Sep-20	61.86	3.77	2.87	7.47	21.34	6.64	0.76	72815
Oct-20	62.48	2.81	2.92	7.05	20.65	5.73	1.04	65499
Nov-20	62.64	2.97	2.47	8.88	20.76	5.45	0.83	63300
Dec-20	62.48	2.80	2.88	8.34	20.48	5.68	1.03	65549
Jan-21	62.45	2.77	3.09	9.60	20.16	5.86	1.12	57223
Feb-21	62.35	3.28	2.72	10.09	19.99	6.00	0.83	52331
Mar-21	62.29	3.15	2.92	13.00	16.91	6.07	0.93	63537
CUMML	62.27	3.10	2.95	12.70	19.96	6.05	0.95	671452

### बरसुआ

### फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	61.27	3.85	3.49	6.87	36.26	7.35	0.91	1102998
APP 20-21	61.30	3.70	3.50	8.00	40.00	7.20	0.95	
Apr-20	61.60	3.30	3.50	8.00	40.00	6.80	1.06	40785
May-20	61.36	3.36	3.72	8.00	40.40	7.08	1.11	40784
Jun-20	61.43	3.77	3.31	7.11	40.13	7.08	0.88	126937
Jul-20	61.54	3.36	3.48	7.50	40.83	6.84	1.04	123190
Aug-20	61.44	3.51	3.53	6.60	40.80	7.04	1.01	131361
Sep-20	61.01	4.03	3.68	7.35	39.71	7.71	0.91	103421
Oct-20	61.71	3.28	3.36	7.33	40.67	6.64	1.02	13837
Nov-20	61.69	3.61	2.94	7.71	40.43	6.55	0.81	20090
Dec-20	60.82	4.19	3.63	8.00	40.29	7.82	0.87	81151
Jan-21	61.74	3.45	3.16	8.44	40.22	6.61	0.92	54601
Feb-21	61.83	3.44	3.07	6.09	38.18	6.51	0.89	30197
Mar-21	61.14	4.06	3.38	6.21	38.50	7.44	0.83	55596
CUMML	61.37	3.67	3.46	7.30	40.15	7.13	0.94	821950

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### लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	63.13	2.34	2.47	8.99	12.81	4.81	1.06	387144
APP 20-21	62.50	2.40	2.40	5.00	10.00	4.80	1.00	
Apr-20	63.10	2.50	2.40	6.30	14.00	4.90	0.96	28500
May-20	63.10	2.33	2.33	5.30	13.70	4.66	1.00	9952
Jun-20	63.10	2.53	2.33	6.50	14.00	4.86	0.92	9080
Jul-20	63.10	2.28	2.55	7.86	14.71	4.83	1.12	44530
Aug-20	63.03	2.29	2.68	6.90	16.10	4.97	1.17	39227
Sep-20	63.15	2.80	2.13	7.25	17.00	4.93	0.76	32258
Oct-20	63.15	2.67	2.21	7.02	15.93	4.88	0.83	44551
Nov-20	62.33	3.30	2.63	5.33	17.33	5.93	0.80	40769
Dec-20	62.75	2.40	3.00	6.00	17.50	5.40	1.25	47954
Jan-21	62.60	2.70	2.80	6.00	18.00	5.50	1.04	83646
Feb-21	62.80	2.60	2.80	4.00	15.00	5.40	1.08	50568
Mar-21	62.70	2.50	2.80	6.00	15.00	5.30	1.12	71122
CUMML	62.84	2.59	2.64	6.16	16.10	5.23	1.02	502157

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### फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.35	3.09	2.66	4.92	34.79	5.75	0.86	605598
APP 20-21	62.20	3.00	3.00	5.00	40.00	6.00	1.00	
Apr-20	62.70	2.60	2.60	6.00	38.00	5.20	1.00	32000
May-20	62.68	2.55	2.68	6.50	39.20	5.23	1.05	48182
Jun-20	62.71	2.41	2.76	6.00	40.00	5.17	1.15	40289
Jul-20	62.65	2.39	2.87	6.67	40.67	5.26	1.20	65492
Aug-20	62.69	2.50	2.71	7.00	38.50	5.21	1.08	32698
Sep-20	61.37	3.61	3.54	6.50	38.50	7.15	0.98	52992
Oct-20	62.27	2.82	3.04	4.87	37.20	5.86	1.08	40066
Nov-20	62.78	2.75	2.28	5.75	38.25	5.03	0.83	44944
Dec-20	62.40	3.10	2.50	5.50	38.00	5.60	0.81	42735
Jan-21	62.70	2.50	2.70	5.00	38.00	5.20	1.08	42627
Feb-21	62.50	2.40	2.60	5.00	38.00	5.00	1.08	90632
Mar-21	62.40	2.50	2.70	5.00	38.00	5.20	1.08	79008
CUMML	62.47	2.65	2.75	5.73	38.55	5.41	1.04	611665

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	63.53	2.26	2.08	12.37	10.81	4.34	0.92	375543
APP 20-21	63.00	2.50	2.20	10.00	10.00	4.70	0.88	
Apr-20	63.30	2.33	2.26	10.48	10.24	4.59	0.97	22245
May-20	63.17	2.70	2.26	7.12	15.46	4.96	0.84	19471
Jun-20	63.41	2.35	2.23	6.31	13.73	4.58	0.95	10558
Jul-20	63.36	2.16	2.43	9.18	21.08	4.59	1.13	19140
Aug-20								
Sep-20								
Oct-20	63.41	2.24	2.03	12.20	21.00	4.27	0.91	7121
Nov-20	63.31	2.61	2.00	10.17	12.50	4.61	0.77	36398
Dec-20	63.06	2.84	2.18	9.10	12.63	5.02	0.77	40409
Jan-21	63.05	2.96	2.09	9.91	11.92	5.05	0.71	33089
Feb-21	63.19	2.99	2.01	10.53	12.15	5.00	0.67	45865
Mar-21	63.15	3.00	1.99	8.41	12.32	4.99	0.66	36845
CUMML	63.20	2.74	2.12	9.44	13.27	4.85	0.77	271141

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लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	63.14	2.61	2.41	10.19	15.82	5.02	0.92	845508
APP 20-21	63.00	2.60	2.20	5.00	5.00	4.80	0.85	
Apr-20	63.10	2.40	2.40	6.20	13.60	4.80	1.00	109393
May-20	63.10	2.42	2.43	5.80	14.00	4.85	1.00	99534
Jun-20	63.06	2.20	2.65	6.38	14.21	4.85	1.20	76043
Jul-20	63.11	2.16	2.70	6.45	14.09	4.86	1.25	80072
Aug-20	63.06	2.27	2.57	6.10	13.40	4.84	1.13	72169
Sep-20	63.20	2.37	2.33	6.44	13.44	4.70	0.98	69182
Oct-20	63.11	2.35	2.51	5.88	13.04	4.86	1.07	97155
Nov-20	63.20	2.53	2.14	5.71	12.54	4.67	0.85	93571
Dec-20	63.19	2.40	2.34	5.78	13.22	4.74	0.98	96998
Jan-21	63.23	2.45	2.28	6.14	12.66	4.73	0.93	122220
Feb-21	63.22	2.52	2.21	3.93	11.31	4.73	0.88	106299
Mar-21	63.18	2.43	2.34	4.25	12.13	4.77	0.96	25251
CUMML	63.15	2.38	2.40	5.81	13.14	4.78	1.01	1047887

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फाईंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.90	2.73	2.25	6.41	35.70	4.98	0.82	349237
APP 20-21	63.00	2.80	2.40	5.00	40.00	5.20	0.86	
Apr-20	63.10	2.40	2.30	6.00	39.00	4.70	0.96	16141
May-20								
Jun-20	63.14	2.26	2.37	6.49	37.65	4.62	1.05	35974
Jul-20	63.00	2.17	2.60	6.50	38.50	4.77	1.20	10455
Aug-20								
Sep-20								
Oct-20								
Nov-20	62.74	3.27	2.25	4.56	33.78	5.52	0.69	54606
Dec-20	62.76	3.22	2.31	4.37	35.38	5.53	0.72	51835
Jan-21	62.87	3.24	2.21	4.93	24.35	5.45	0.68	45824
Feb-21	63.00	3.21	2.16	4.85	35.31	5.37	0.67	40091
Mar-21	63.00	3.25	2.17	4.21	34.54	5.42	0.67	22559
CUMML	62.91	3.02	2.27	5.01	33.79	5.29	0.75	277485

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फाईंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.81	2.72	2.44	6.55	37.46	5.16	0.89	825355
APP 20-21	63.00	2.90	2.50	5.00	40.00	5.40	0.86	
Apr-20	62.95	2.69	2.47	5.11	38.87	5.17	0.92	222845
May-20	62.85	2.81	2.48	4.94	35.57	5.30	0.88	87917
Jun-20	62.85	2.89	2.41	4.75	36.66	5.30	0.84	86359
Jul-20	62.83	2.49	2.57	5.39	40.29	5.05	1.03	129816
Aug-20	62.90	2.58	2.47	5.39	39.38	5.05	0.96	97129
Sep-20	62.44	3.05	2.66	5.06	36.99	5.71	0.87	102126
Oct-20	62.40	3.11	2.49	5.56	37.31	5.60	0.80	121423
Nov-20	62.90	2.71	2.13	5.50	37.57	4.84	0.79	151341
Dec-20	62.89	2.70	2.21	5.53	37.41	4.91	0.82	165947
Jan-21	62.92	2.58	2.32	5.57	37.67	4.91	0.90	189813
Feb-21	62.92	2.60	2.31	5.57	37.14	4.91	0.89	81363
Mar-21	62.87	2.53	2.23	5.50	37.50	4.76	0.88	14616
CUMML	62.82	2.73	2.40	5.33	37.87	5.12	0.88	1450695

गुणवत्ता :: बोकारो

लम्प

BLEND	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	62.92	2.85	2.20	17.50	17.40	5.05	0.77	
APP 20-21	62.54	3.39	2.23	10.00	10.00	5.62	0.66	
Apr-20	62.75	3.27	2.14	17.73	18.80	5.41	0.65	154338
May-20	62.67	3.18	2.43	15.73	20.54	5.61	0.76	73628
Jun-20	62.56	3.35	2.38	14.49	22.64	5.73	0.71	78491
Jul-20	62.47	3.30	2.52	18.00	22.18	5.83	0.76	159864
Aug-20	61.90	4.23	2.38	16.84	26.55	6.61	0.56	216803
Sep-20	61.71	4.93	2.01	17.07	22.82	6.94	0.41	212475
Oct-20	62.16	4.05	2.16	17.96	21.85	6.21	0.53	264079
Nov-20	62.64	3.19	2.32	20.25	18.66	5.51	0.73	269050
Dec-20	62.45	3.37	2.44	17.63	20.10	5.80	0.72	265333
Jan-21	62.35	3.72	2.27	17.20	20.77	5.99	0.61	268384
Feb-21	62.28	3.92	2.22	18.48	18.13	6.14	0.57	209357
Mar-21	62.33	3.83	2.20	18.46	19.30	6.03	0.58	237025
CUMML	62.32	3.75	2.27	17.80	20.93	6.03	0.61	2408827

गुणवत्ता:: द्रूगापूर

लम्प

BLEND	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	62.00	3.15	2.06	23.31	12.37	5.21	0.65	
APP 20-21	62.41	3.15	2.45	10.00	10.00	5.60	0.78	
Apr-20	62.92	2.00	1.83	27.08	11.79	3.83	0.92	85930
May-20	61.64	3.07	2.21	30.45	11.18	5.28	0.72	61360
Jun-20	62.79	1.95	1.83	25.49	10.85	3.78	0.94	86905
Jul-20	61.93	3.27	2.02	28.11	11.47	5.29	0.62	99645
Aug-20	62.59	2.77	1.39	32.28	9.85	4.16	0.50	123240
Sep-20	62.38	2.76	1.75	26.48	11.25	4.51	0.64	124605
Oct-20	61.59	4.90	1.53	21.79	12.83	6.43	0.31	136045
Nov-20	62.06	2.71	2.05	25.35	11.48	4.76	0.76	124049
Dec-20	61.70	3.34	2.14	26.55	12.20	5.48	0.64	125307
Jan-21	60.04	2.95	2.40	28.17	10.93	5.35	0.81	124740
Feb-21	61.75	2.59	2.44	28.91	10.08	5.03	0.94	127953
Mar-21	61.14	2.43	2.60	31.53	10.32	5.03	1.07	106704
CUMML	62.04	2.99	2.02	27.58	11.25	5.00	0.68	1326483

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फाईन्स

BLEND	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	61.51	4.37	2.68	6.77	34.33	7.05	0.61	
APP 20-21	61.92	4.08	2.53	5.00	40.00	6.61	0.62	
Apr-20	61.55	4.58	2.55	7.04	37.14	7.13	0.56	232293
May-20	61.86	4.16	2.67	5.59	33.09	6.83	0.64	186996
Jun-20	62.00	4.30	2.34	4.76	37.48	6.64	0.54	214788
Jul-20	61.55	4.46	2.68	4.79	41.51	7.14	0.60	295312
Aug-20	61.03	5.46	2.45	4.94	40.96	7.92	0.45	310961
Sep-20	61.19	5.54	2.16	5.52	41.57	7.71	0.39	343998
Oct-20	61.22	5.11	2.45	6.26	40.89	7.56	0.48	271961
Nov-20	61.63	4.34	2.73	6.24	40.98	7.07	0.63	346366
Dec-20	61.91	3.98	2.78	6.04	40.79	6.76	0.70	259842
Jan-21	61.49	4.44	2.97	6.44	34.92	7.40	0.67	372492
Feb-21	61.37	4.84	2.76	5.75	40.59	7.60	0.57	275258
Mar-21	61.50	4.82	2.58	6.12	36.58	7.40	0.53	326829
CUMML	61.49	4.71	2.60	5.81	39.05	7.31	0.55	3437096

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फाईन्स

BLEND	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	62.23	3.40	2.60	7.03	43.00	6.00	0.76	
APP 20-21	62.10	3.38	2.76	5.00	40.00	6.14	0.82	
Apr-20	62.34	2.69	2.80	8.18	41.32	5.49	1.04	128440
May-20	61.62	3.19	3.08	6.30	41.25	6.27	0.97	75595
Jun-20	62.42	2.81	2.39	10.51	37.95	5.20	0.85	132210
Jul-20	61.93	4.20	2.33	8.07	34.70	6.53	0.55	168025
Aug-20	62.64	3.22	2.08	9.23	37.58	5.30	0.65	211640
Sep-20	62.52	3.45	2.11	8.82	39.77	5.56	0.61	198315
Oct-20	62.48	4.33	1.99	6.88	44.04	6.32	0.46	210470
Nov-20	62.10	3.52	2.43	9.48	39.23	5.95	0.69	228189
Dec-20	61.54	3.84	2.85	9.74	41.50	6.69	0.74	226107
Jan-21	61.31	3.58	3.02	12.91	39.39	6.60	0.84	249979
Feb-21	61.82	3.05	2.91	12.93	39.47	5.95	0.96	182511
Mar-21	61.60	3.52	3.07	10.82	42.52	6.59	0.87	143500
CUMML	62.02	3.51	2.55	9.70	39.89	6.06	0.73	2154981

गुणवत्ता :: राउरकेला

BLEND

लम्प

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	62.58	3.21	2.63	12.70	18.53	5.84	0.82	
APP 20-21	62.54	2.87	2.49	10.00	10.00	5.36	0.87	
Apr-20	63.06	2.47	2.42	5.83	12.83	4.89	0.98	147023
May-20	63.07	2.42	2.45	5.89	14.26	4.88	1.01	113044
Jun-20	63.06	2.31	2.59	6.47	14.80	4.89	1.12	90975
Jul-20	62.87	2.40	2.79	7.74	16.27	5.19	1.16	167774
Aug-20	62.70	2.59	2.83	7.17	16.72	5.42	1.10	165573
Sep-20	62.67	2.98	2.51	7.14	17.13	5.49	0.84	170717
Oct-20	62.85	2.65	2.59	6.31	16.28	5.24	0.98	220214
Nov-20	62.72	2.98	2.37	6.59	16.25	5.35	0.79	210710
Dec-20	62.79	2.57	2.72	6.76	16.79	5.29	1.06	236792
Jan-21	62.86	2.60	2.62	6.85	15.99	5.22	1.01	263089
Feb-21	62.82	2.89	2.44	5.93	14.02	5.33	0.85	213935
Mar-21	62.38	3.14	2.75	9.18	15.87	5.89	0.88	193029
CUMML	62.80	2.70	2.60	6.79	15.72	5.30	0.96	2192875

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

लम्प

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	63.10	3.60	1.82	17.42	6.44	5.41	0.50	
APP 20-21	62.47	3.37	2.23	10.00	10.00	5.60	0.66	
Apr-20	63.39	3.33	1.58	30.33	3.23	4.91	0.48	85020
May-20	63.45	3.02	1.87	31.64	3.27	4.89	0.62	44820
Jun-20	62.11	4.19	2.56	22.83	5.24	6.75	0.61	70379
Jul-20	63.40	2.66	2.33	9.82	5.41	4.99	0.88	93480
Aug-20	62.92	3.58	2.07	8.52	5.55	5.65	0.58	69540
Sep-20	63.28	3.23	1.98	13.58	5.67	5.21	0.61	69540
Oct-20	63.20	3.44	1.94	12.27	5.54	5.38	0.56	35460
Nov-20	63.15	3.33	2.09	13.25	3.98	5.43	0.63	73620
Dec-20	63.77	2.63	1.97	13.13	3.25	4.59	0.75	75000
Jan-21	63.03	4.08	1.40	10.07	4.69	5.48	0.34	89445
Feb-21	63.05	3.75	1.68	12.91	3.77	5.43	0.45	112677
Mar-21	62.99	3.81	1.56	19.18	3.54	5.37	0.41	116544
CUMML	63.14	3.45	1.89	16.06	4.37	5.34	0.55	935525

गुणवत्ता :: राउरकेला

BLEND

फाईन्स

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	61.97	3.57	2.66			6.23	0.75	
APP 20-21	62.00	3.68	2.79	5.00	40.00	6.47	0.76	
Apr-20	62.69	2.63	2.65			5.28	1.01	271325
May-20	62.33	2.81	2.90			5.71	1.03	151577
Jun-20	62.45	2.68	2.84			5.52	1.06	164580
Jul-20	62.29	2.76	3.01			5.77	1.09	316174
Aug-20	61.99	3.23	3.04			6.27	0.94	305623
Sep-20	61.44	3.85	3.22			7.07	0.84	366234
Oct-20	61.76	3.88	2.66			6.54	0.68	474992
Nov-20	61.79	3.81	2.64			6.46	0.69	451594
Dec-20	61.78	3.53	2.96			6.49	0.84	478510
Jan-21	62.02	3.40	2.80			6.20	0.82	447881
Feb-21	61.83	3.65	2.71			6.36	0.74	388393
Mar-21	61.18	4.26	3.01			7.27	0.71	374220
CUMML	61.89	3.49	2.86			6.35	0.82	4191103

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

फाईन्स

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	62.65	3.88	2.22	7.84	43.54	6.10	0.57	
APP 20-21	62.18	3.83	2.44	5.00	40.00	6.27	0.64	
Apr-20	62.85	3.54	2.04	6.71	45.44	5.58	0.58	163740
May-20	62.65	3.20	2.83	8.93	41.71	6.03	0.88	187080
Jun-20	62.16	3.71	3.02	6.59	44.79	6.73	0.81	125411
Jul-20	62.14	3.80	2.99	7.59	39.98	6.79	0.79	257341
Aug-20	60.97	4.75	3.57	8.32	38.22	8.32	0.75	225480
Sep-20	61.46	4.54	3.16	7.45	39.56	7.70	0.70	225479
Oct-20	61.35	4.90	3.01	7.62	41.31	7.91	0.61	159840
Nov-20	61.23	4.61	3.52	8.78	41.22	8.13	0.76	207390
Dec-20	62.29	3.74	2.89	9.24	40.39	6.63	0.77	283381
Jan-21	61.80	4.79	2.50	9.07	41.37	7.30	0.52	323122
Feb-21	61.93	4.43	2.65	8.76	43.92	7.08	0.60	301006
Mar-21	62.39	3.64	2.55	7.89	43.83	6.19	0.70	293026
CUMML	61.93	4.16	2.89	8.31	41.62	7.05	0.69	2752296

### भिलाई

### BF Limestone

	CaO	MgO	SiO2	OS	US
Act 19-20	49.85	2.16	3.87	9.05	18.42
APP 20-21	50.00	2.25	3.50	5.00	5.00
Apr-20					
May-20					
Jun-20	49.20	2.74	4.10	4.30	12.00
Jul-20	50.71	1.72	3.47	4.90	18.66
Aug-20	49.17	2.75	3.88	6.07	10.07
Sep-20	49.71	2.36	3.74	8.94	13.56
Oct-20	49.33	2.49	4.12	10.60	15.70
Nov-20	49.78	2.11	4.05	8.84	16.84
Dec-20	50.09	1.96	3.72	9.40	15.85
Jan-21	49.99	2.06	3.89	7.98	16.58
Feb-21	50.17	2.15	3.67	8.88	24.13
Mar-21	49.75	2.34	3.74	8.85	15.95
CUMML	49.81	2.23	3.85	8.24	16.00

### बोकारो

### BF Limestone

	CaO	MgO	SiO2	OS	US
Act 19-20	42.96	3.93	3.64	10.22	17.95
APP 20-21	50.00	2.25	3.50	5.00	5.00
Apr-20					
May-20					
Jun-20	43.06	5.22	3.62	5.14	32.23
Jul-20	44.75	4.17	3.64	4.56	32.92
Aug-20	44.63	4.55	3.74	5.21	33.58
Sep-20	43.15	4.79	3.86	9.64	23.36
Oct-20	43.09	4.96	4.22	8.09	25.80
Nov-20	42.81	4.50	3.91	6.09	30.69
Dec-20	42.82	4.52	3.61	1.67	30.12
Jan-21	42.43	4.82	4.06	10.70	23.50
Feb-21	42.43	4.82	4.06	10.70	23.50
Mar-21	44.99	4.93	3.92	7.84	26.13
CUMML	43.27	4.73	3.90	7.25	27.43

### राउरकेला

### BF Limestone

	CaO	MgO	SiO2	OS	US
Act 19-20	49.60	2.46	3.69		
APP 20-21	50.00	2.25	3.50	5.00	5.00
Apr-20					
May-20					
Jun-20					
Jul-20	48.40	3.20	4.10		
Aug-20	48.54	3.11	3.96		
Sep-20	49.03	2.97	3.83		
Oct-20	49.70	2.74	3.32		
Nov-20	49.85	2.75	3.18		
Dec-20	49.14	2.98	3.28		
Jan-21	49.58	2.72	3.32		
Feb-21	48.78	3.20	3.63		
Mar-21	49.03	3.20	3.30		
CUMML	49.25	2.95	3.45		

### कुटेश्वर

### PLANT BLEND Limestone

	CaO	MgO	SiO2	OS	US
Act 19-20	47.47	2.85	3.73	6.42	12.12
APP 20-21	50.00	2.25	3.50	5.00	5.00
Apr-20					
May-20					
Jun-20	45.08	4.40	3.78	4.86	25.56
Jul-20	48.03	2.72	3.56	4.17	19.85
Aug-20	43.61	3.19	3.54	4.28	15.47
Sep-20	47.09	3.28	3.80	7.28	14.28
Oct-20	47.10	3.36	4.13	8.50	15.54
Nov-20	43.47	2.85	3.53	5.73	17.33
Dec-20	43.49	2.83	3.31	4.48	16.72
Jan-21	46.75	3.04	3.97	8.45	16.10
Feb-21	43.33	3.05	3.50	7.30	17.95
Mar-21	47.67	3.37	3.80	6.88	15.98
CUMML	46.34	3.60	3.80	6.04	18.04



PROJ. NO.	UTILIS. UPTO Mar-20	UTILIS. UPTO Mar-21	MAKE / TYPE	CAP	DATE OF COMMISSIONING	March-21										2020-2021													
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/H R	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR		
<b>EXCAVATORS [4]</b>																													
BE-18	23133	23133	BEML,BE-1000	4.5CU.M	31-Jul-08	620	620										6980	6980											
EX-20	27411	30237	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	40	261	580	319	93.5	51.5	55.0	1680	5.27	57.99	6980	1441	2713	5539	2826	79.4	51.0	40.5	15778	5.58	64.99		
EX-22	18554	22769	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620	12	204	608	404	98.1	65.2	66.4	1867	4.62	55.20	6980	455	2310	6525	4215	93.5	64.6	60.4	24839	5.89	66.58		
EX-23	19279	21885	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620	83	319	537	218	86.6	35.2	40.6	1185	5.44	64.91	6980	2176	2198	4804	2606	68.8	54.2	37.3	15164	5.82	64.22		
						TOTAL	1860	135	784	1725	941	92.7	54.6	50.6	4732	5.03	58.40	20940	4072	7221	16868	9647	80.6	57.2	46.1	55781	5.78	65.48	
<b>DUMPERS-85T&amp;100T [8]</b>																													
DUM-87	13802	13802	BEML,BH-85	85Te	30-Mar-08	620	620										-	-	6980	6360	620	620		8.9					
DUM-88	32004	35054	KOMATSU HD785-7	100 Te	23-Jul-10	620	90	227	530	303	85.48	48.87	57.17	1060	3.50	35.15	6980	1432	2498	5548	3050	79.5	55.0	43.7	13280	4.35	40.33		
DUM-89	36420	39593	KOMATSU HD785-7	100Te	23-Jul-10	620	86	253	534	281	86.13	45.32	52.62	1218	4.33	42.17	6980	1190	2617	5790	3173	83.0	54.8	45.5	12897	4.06	41.84		
DUM-91	19584	20960	CAT 777D	100T	2-Feb-12	620	415	130	205	75	33.06	12.10	36.59	317	4.23	37.33	6980	3115	2489	3865	1376	55.4	35.6	19.7	6438	4.68	39.75		
DUM-92	21991	22694	CAT 777D	100T	2-Feb-12	620	423	152	197	45	31.77	7.26	22.84	211	4.69	46.67	6980	4689	1589	2292	703	32.8	30.7	10.1	2776	3.95	45.45		
DUM-93	10379	10669	BEML BH-100	100T	2-May-15	620	620									-	-	6980	6267	423	713	290	10.2	40.7	4.2	1087	3.75	60.69	
DUM-94	9498	11762	BEML BH-100	100T	2-May-15	620	172	163	448	285	72.26	45.97	63.62	987	3.46	45.96	6980	2895	1822	4086	2264	58.5	55.4	32.4	9127	4.03	47.75		
DUM-95	7350	9683	BEML BH-100S	100T	May 2016	620	36	318	584	266	94.19	42.90	45.55	939	3.53	38.72	6980	348	4300	6633	2333	95.0	35.2	33.4	9865	4.23	41.45		
						TOTAL	4340	1842	1243	2498	1255	57.56	50.24	28.92	4732	3.77	40.48	48860	19935	15737	28926	13189	59.2	45.6	27.0	55470	4.21	42.82	
<b>DRILL [5]</b>																													
DM-17	23260	23536	IR-ROTACOL-IDM-30	160mm	24-Mar-05	620	496	124	124		20.00					-	5708	4968	464	740	276	13.0	37.3	4.8	1536	5.57	23.73		
DM-18	27113	28132	AC-ROTACOL-IDM-30	160mm	19-May-08	620	385	188	235	47	37.90	7.58	20.00	500	10.64	27.66	5708	2441	2249	3267	1019	57.2	31.2	17.8	3084	3.03	26.76		
DM-19	18828	19843	AC-ROTACOL-IDM-30	160mm	14-Oct-09	620	496										5708	4391	302	1317	1015	23.1	77.1	17.8	2079	2.05	7.24		
DM-20	12516	14036	AC-ROTACOL-IDM-30	160mm	Oct '14	620	110	287	510	223	82.26	35.97	43.73	2520	11.30	24.22	5708	2282	1906	3426	1520	60.0	44.4	26.6	6080	4.00	26.05		
DM-21		2677	AC-ROTACOL-IDM-30	160mm	July'20	620	29			209						2794	13.37	31.10	3964	497	790	3467	2677	87.5	77.2	67.5	5666	2.12	11.99
						TOTAL	3100	1516	599	1584	985	51.10	62.18	31.77	5814	5.90	13.40	22832	14082	4921	8750	3830	38.3	43.8	16.8	12779	3.34	21.09	
<b>DOZER [6]</b>																													
DOZ-29	18180	18180	BEML, D-355	410HP	11-Jun-04	496	496									-	5584	5584											
DOZ-30	21866	22322	BEML, D-355	410HP	8-Jul-07	496	496									-	5584	4420	708	1164	456	20.8	39.2	8.2			28.95		
DOZ-31	20482	20735	BEML, D-355	410 HP	19-Feb-09	496	127	190	369	179	74.4	36.1	48.5			22.35	5584	5012	319	572	253	10.2	44.2	4.5			28.85		
DOZ-32	7480	8436	BEML, D-355	410 HP	17-Apr-15	496	45	343	451	108	90.9	21.8	23.9			36.11	5584	3463	1165	2121	956	38.0	45.1	17.1			28.71		
DOZ-33	6174	7662	BEML, D-356	410HP	22-Sep-17	496	58	227	438	211	88.3	42.5	48.2			26.30	5088	2227	1374	2861	1488	56.2	52.0	29.2			31.56		
DOZ-34	3074	4806	BEML, D-356	410HP	31-Dec-18	496	496									-	5584	2716	1136	2868	1732	51.4	60.4	31.0			29.91		
						TOTAL	2976	1718	760	1258	498	42.3	39.6	16.7		27.01	33008	23422	4702	9586	4885	29.0	51.0	14.8			30.03		
<b>PAY LOADER [1]</b>																													
FEL-4	13839	14922	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248	24	129	224	95	90.32	38.31	42.41			17.89	2792	705	1004	2087	1083	74.7	51.9	38.8			16.07		
<b>MOTOR GRADER [3]</b>																													
MG-7	6322	6322	BEML, BG825	280HP	10-Jul-91	248	248									-	-	2328	456	1872	1872		80.41						
MG-8	3137	3232	BEML, BG825	280HP	19-May-12	248	28	163	220	57	88.71	22.98	25.91			13.16	2792	2046	651	746	95	26.72	12.73	3.40			27.37		
MG-9	454	943	BEML, BG825	280HP	5-Mar-19	248	24	129	224	95	90.32	38.31	42.41			17.89	2792	761	1542	2031	489	72.7	24.08	17.51			24.54		
						TOTAL	744	300	292	444	152	59.68	34.23	20.43			16.12	7912	3263	4065	4649	584	58.76	12.56	7.38			25.00	
<b>WATER TANKER [3]</b>																													
WT-83	20862	20862	BEML, WS-28-2	28KL	21-Mar-05	620	620									-	-	6980	6460	520	520		7.4						
WT-90	13584	13949	BEML, WS-28-2	28KL	Mar '11	620	308	301	312	11	50.3	1.8	3.5			45.45	6980	3471	3144	3509	365	50.3	10.4	5.2			26.85		
WT-96	1121	2541	BEML, WS-28-2	28KL	17-Feb-19	620	16	370	604	234	97.4	37.7	38.7			17.95	6980	77	4784	6204	1420	88.9	22.9	20.3			18.49		
						TOTAL	1860	944	671	916	245	49.2	26.7	13.2			19.18	20940	10708	8448	10233	1785	48.9	17.4	8.5			20.20	
<b>Rock Breaker/Backhoe [1]</b>																													
EX-21	5260	6082	R340lc-7	1.62 CuM	25-Sep-13	620	368	214	252	38	40.65	6.13	15.1			30.26	6980	898	5260	6082	822	87.1	13.5	11.8			26.70		
Processing Plant																													

PROJ. NO.	UTILIS. UPTO Mar-20	UTILIS. UPTO Mar-21	MAKE / TYPE	CAPACITY	DATE OF COMM	March-21											2020-2021											
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	TRIP	F/RATE	HSD/ HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	NET UT %	TRIP / MT.	FEED RATE	HSD/ HR	
<b>EXCAVATORS 4.5 CUM. [ 1 ]</b>																												
BE-11	37624	38463	BEML	4.5 CUM	30-09-2005	744	677	31	67	36	9.0	53.7	4.8	47	1.3	25	8112	4705	2568	3407	839	42.0	24.6	10.3	891	1.1	24	
<b>EXCAVATORS 9.5 CUM. [ 3 ]</b>																												
PC-14	35497	38919	KOMATSU	9.5 CUM	20-01-2012	744	113	218	631	413	84.8	65.5	55.5	3260	7.9	86	8112	1995	2696	6118	3422	75.4	55.9	42.2	26545	7.8	85	
PC-17	20150	22917	KOMATSU	9.5 CUM	24-07-2015	744	115	222	629	407	84.5	64.7	54.7	3474	8.5	86	8112	3305	2040	4807	2767	59.3	57.6	34.1	22519	8.1	86	
PC-18	32213	34627	KOMATSU	9.5 CUM	11-07-2016	744	744								-	-	8112	3628	2070	4484	2414	55.3	53.8	29.8	18138	7.5	85	
						TOTAL	2232	972	440	1260	820	56.5	65.1	36.7	6734	8.2	86	24336	8928	6806	15409	8603	63.3	55.8	35.4	67202	7.8	85
<b>DUMPER,50 TE [ 1 ]</b>																												
D - 49	28294	28294	BEML	50 TON	05-03-2007										-	-	648	648								-	-	
D - 50	23971	24121	BEML	50 TON	15-04-2007	744	744								-	-	8112	7390	572	722	150	8.9	20.8	1.8	132	0.9	24	
						TOTAL	744	744							-	-	8760	8038	572	722	150	8.2	20.8	1.7	132	0.9	24	
<b>DUMPER,100 TE [ 7 ]</b>																												
D - 51	33446	34482	KOMATSU	100 TON	01-09-2010	744	290	238	454	216	61.0	47.6	29.0	903	4.2	35	8112	6214	863	1899	1036	23.4	54.6	12.8	5027	4.9	36	
D - 52	34385	37970	KOMATSU	100 TON	01-09-2010	744	228	256	516	260	69.4	50.4	34.9	1163	4.5	34	8112	1609	2918	6503	3585	80.2	55.1	44.2	16555	4.6	35	
D - 53	33339	36445	KOMATSU	100 TON	01-09-2010	744	161	213	584	371	78.4	63.6	49.9	1561	4.2	36	8112	2432	2574	5680	3106	70.0	54.7	38.3	14084	4.5	34	
D - 54	16657	19323	CATER	100 TON	06-02-2012	744	131	261	614	353	82.5	57.5	47.4	1550	4.4	35	8112	1818	3628	6294	2666	77.6	42.4	32.9	11972	4.5	33	
D - 55	19883	21967	CATER	100 TON	06-02-2012	744	144	379	600	221	80.6	36.8	29.7	1003	4.5	37	8112	1900	4129	6213	2084	76.6	33.5	25.7	9792	4.7	35	
D - 56	10205	11990	BEML	100 TON	09-05-2016	744	183	430	562	132	75.5	23.5	17.7	601	4.6	34	8112	1910	4417	6202	1785	76.5	28.8	22.0	7948	4.5	35	
D - 57	9831	10446	BEML	100 TON	09-05-2016	744	744								-	-	8112	4901	2596	3211	615	39.6	19.2	7.6	2687	4.4	34	
						TOTAL	5208	1880	1776	3329	1553	63.9	46.7	29.8	6781	4.4	35	56784	20783	21124	36001	14877	63.4	41.3	26.2	68065	4.6	34
<b>DRILL [ 4 ]</b>																												
DM - 7	25649	27606	IR	6 " DIA	01-04-2005	372	142	101	230	130	61.8	56.3	34.8	1235	9.5	35	4056	1087	1013	2970	1957	73.2	65.9	48.2	11515	5.9	35	
DM - 8	23744	26086	IR	6 " DIA	05-05-2008	372	134	84	239	155	64.1	64.8	41.5	2690	17.4	34	4056	890	825	3167	2342	78.1	74.0	57.7	18537	7.9	34	
DM - 9	21287	24033	IR	6 " DIA	16-09-2009	372	63	66	309	243	83.1	78.6	65.3	3513	14.5	34	4056	1061	849	2995	2146	73.8	71.7	52.9	23099	10.8	35	
DM - 10	14805	14888	IR	6 " DIA	06-11-2014	372	193	96	179	83	48.1	46.4	22.3	1300	15.7	37	4056	3877	96	179	83	4.4	46.4	2.0	1300	15.7	45	
						TOTAL	1488	532	347	957	610	64.3	63.8	41.0	8738	14.3	35	16224	6914	2783	9310	6528	57.4	70.1	40.2	54451	8.3	35
<b>DOZER [ 7 ]</b>																												
DOZ-23	22218	22218	BEML	410 HP	02-10-2008	744	744									-	8112	8112								-		
DOZ-24	20490	21974	BEML	410 HP	06-04-2010	744	142	523	602	80	80.9	13.2	10.7			35	8112	2117	4512	5996	1484	73.9	24.7	18.3			35	
DOZ-25	9736	10659	BEML	410 HP	28-12-2010	744	123	572	621	49	83.5	7.9	6.6			33	8112	4194	2996	3918	923	48.3	23.5	11.4			36	
DOZ-26	17136	17547	BEML	410 HP	16-05-2011	744	107	591	637	46	85.6	7.2	6.2			34	8112	5960	1742	2153	411	26.5	19.1	5.1			35	
DOZ-27	10780	11618	BEML	410 HP	28-04-2015	744	191	446	553	108	74.3	19.4	14.4			34	8112	4832	2443	3281	838	40.4	25.5	10.3			35	
DOZ-28	5353	7055	BEML	410HP	31-03-2018	744	93	525	651	127	87.5	19.4	17.0			35	8112	2245	4165	5867	1702	72.3	29.0	21.0			34	
DOZ-29	3605	5397	BEML	410HP	19-12-2018	744	100			212			28.4			35	8112	2512	3809	5600	1792	69.0	32.0	22.1			35	
						TOTAL	5208	1500	3088	3708	620	71.2	16.7	11.9			34	56784	29971	19666	26814	7148	47.2	26.7	12.6			35
<b>PAY LOADER [ 1 ]</b>																												
PL - 03	4756	4939	HYUNDAI	3.7 CU.M	18-09-2012	744	330	231	414	183	55.6	44.2	24.6			24	8112	7698	231	414	183	5.1	2.3	44.2			26	
<b>BACK HOE [ 3 ]</b>																												
BE-12A	23544	25764	BEML	1.2 CUM	Nov'08	744	182	448	563	115	75.6	20.4	15.4			24	8112	2431	3461	5682	2220	70.0	39.1	27.4			24	
HT-15	22024	24304	TCECL	1.5 CUM	03-10-2012	744	226	408	518	111	69.6	21.3	14.9			23	8112	2342	3491	5771	2280	71.1	39.5	28.1	98		23	
HT-16	13526	13526	TCECL	1.5 CUM	01-12-2014	744	744							-	-	8112	8112											
						TOTAL	2232	1152	856	1081	225	48.4	20.8	10.1			23	24336	12884	6952	11452	4500	47.1	39.3	18.5	98		24
<b>WATER TANKER [ 3 ]</b>																												
WT - 05	20515	20765	BEML	28 KL	15-02-2007																							

## BOLANI ORE MINES

## Equipment Performance Report

## SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar-20	UTILIS. UPTO Mar-21	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	March-21												2020-2021											
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/HR		
EXCAVATORS [ 5 ]																													
EX-26	31751	32685	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744	395	298	349	51	46.9	6.9	14.6	307	6.02	47.6	8376	2621	4822	5756	934	68.71	16.22	11.14	7321	7.84	43.81		
						SUB TOTAL	744	395	298	349	51	46.9	14.6	6.9	307	6.02	47.6	8376	2621	4822	5756	934	68.71	16.22	11.14	7321	7.84	43.81	
EX-28	15893	16322	BE-1600	7.5 Cu.m	22-Jun-10	744	58	643	686	43	92.2	5.8	6.3	260	6.05	84.9	8376	2265	5682	6111	429	72.96	7.02	5.12	2381	5.55	55.24		
EX-29	28531	31381	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	96	433	648	215	87.1	28.9	33.2	1379	6.41	95.7	8376	916	4610	7460	2850	89.07	38.20	34.03	15587	5.47	83.95		
EX-30	18511	22118	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	192	225	552	327	74.2	44.0	59.2	2113	6.46	72.2	8376	906	3864	7470	3607	89.19	48.28	43.06	21756	6.03	78.12		
EX-31	17165	20983	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	45	334	699	365	94.0	49.1	52.2	1899	5.20	69.8	8376	1285	3273	7091	3818	84.66	53.84	45.58	21167	5.54	79.38		
						SUB TOTAL	2976	391	1635	2585	950	86.9	36.8	31.9	5651	5.95	77.2	33504	5371	17429	28133	10703	83.97	38.05	31.95	60891	5.69	79.21	
						TOTAL	3720	786	1933	2934	1001	78.9	34.1	26.9	5958	5.95	75.6	41880	7992	22251	33888	11637	80.92	34.34	27.79	68212	5.86	76.37	
DUMPER,50 TE [ 2 ]																													
HP-30	17659	17703	C.I.773D(I)	50 T	01-Mar-06	744	744									-	-	8376	7768	564	608	44	7.26	7.24	0.53	392	8.91	34.32	
HP-32	24216	25208	BEML BH-50M	50 T	06-Mar-08	744	62	631	682	51	91.7	6.9	7.5	307	6.02	25.0	8376	1377	6008	6999	992	83.56	14.17	11.84	8023	8.09	22.40		
						TOTAL	1488	806	631	682	51	45.8	7.5	3.4	307	6	25.0	16752	9145	6572	7607	1036	45.41	13.61	6.18	8415	8.13	22.91	
DUMPER,100 TE [ 8 ]																													
HP-32A	31203	35636	KOMATSU HD785-7	100 T	22-Jun-10	744	25	283	719	436	96.6	58.6	60.6	1283	2.94	33.9	8376	837	3106	7539	4433	90.01	58.80	52.92	13471	3.04	37.69		
HP-34	28704	32380	KOMATSU HD785-7	100 T	22-Jun-10	744	32	320	712	392	95.7	52.7	55.1	1096	2.80	35.4	8376	1733	2966	6643	3676	79.31	55.34	43.89	11226	3.05	36.23		
HP-35	16980	17211	BEML BH-100	100 T	22-Jun-10	744	744								-	-	8376	6897	1248	1479	231	17.65	15.59	2.75	544	2.36	48.58		
HP-36	12315	12375	BEML BH-100	100 T	22-Jun-10	744	744								-	-	8376	7898	419	479	60	5.71	12.54	0.72	161	2.68	24.42		
HP-37	22120	23782	CAT 777D	100 T	25-Jan-12	744	120	287	624	337	83.9	45.3	54.0	1095	3.25	31.8	8376	4845	1869	3531	1662	42.15	47.06	19.84	5939	3.57	31.94		
HP-38	12532	13696	BEML BH-100S	100 T	03-May-16	744	744								-	-	8376	5621	1591	2755	1164	32.89	42.25	13.90	3362	2.89	36.68		
HP-39	11763	14736	BEML BH-100S	100 T	03-May-16	744	246	325	498	173	66.9	23.3	34.7	515	2.98	37.2	8376	2502	2901	5874	2973	70.13	50.61	35.49	9315	3.13	39.92		
HP-40	10743	14047	BEML BH-100S	100 T	03-May-16	744	29	355	715	360	96.1	48.4	50.3	1113	3.09	35.4	8376	1479	3594	6897	3304	82.35	47.90	39.44	10836	3.28	37.92		
						TOTAL	5952	2684	1570	3268	1698	54.9	52.0	28.5	5102	3.00	34.5	67008	31811	17695	35197	17502	52.53	49.73	26.12	54854	3.13	37.29	
DRILL [ 4 ]																													
DM-11	18411	19815	AC-ROTACOL-IDM-30	160mm	14-Feb-08	496	158	243	338	95	68.1	19.2	28.1	1111	11.69	29.2	5584	1609	2572	3976	1404	71.19	35.30	25.13	16009	11.41	33.37		
DM-12	19335	20581	AC-ROTACOL-IDM-30	160mm	12-Aug-09	520	206	257	314	57	60.4	11.0	18.2	653	11.46	42.7	5608	1706	2656	3902	1246	69.57	31.93	22.22	20233	16.24	35.15		
DM-12A	17535	18117	AC-ROTACOL-IDM-30	160mm	22-Mar-11	496	148	227	348	121	70.2	24.4	34.8	1773	14.65	26.0	5584	3473	1529	2111	582	37.80	27.58	10.43	7214	12.39	42.75		
DM-14	11965	13820	AC-ROTACOL-IDM-30	160mm	19-Nov-14	672	72	332	600	268	89.3	39.9	44.7	4389	16.38	26.1	5760	1566	2339	4194	1855	72.82	44.24	32.21	25997	14.01	30.39		
						TOTAL	2184	584	1059	1600	541	73.3	33.8	24.8	7926	14.65	28.4	22536	8354	9095	14182	5087	62.93	35.87	22.57	69453	13.65	33.79	
DOZER [ 7 ]																													
DOZ-23	12986	13672	BEML BD355	410 HP	27-Aug-08	536	536								-	-	6712	2236	3790	4476	686	66.7	15.3	10.2			44.5		
DOZ-24	14088	15725	BEML BD355	410 HP	09-Mar-10	496	163	231	333	102	67.1	20.6	30.6			62.6	5584	1240	2707	4344	1637	77.8	37.7	29.3			33.7		
DOZ-25	12577	13667	BEML BD355	410 HP	09-Mar-10	736	68	526	668	142	90.8	19.3	21.3			35.5	6584	1294	4200	5290	1090	80.3	20.6	16.6			50.4		
DOZ-26	8686	8686	BEML BD355	410 HP	03-May-14	496	496							-	-	5584	5584												
DOZ-27	7656	9081	BEML BD355	410 HP	03-May-14	496	74	222	422	200	85.1	40.3	47.4			24.4	6768	1198	4144	5570	1425	82.3	25.6	21.1			38.1		
DOZ-28	7805	8875	BEML BD355	410 HP	26-Apr-16	744	54	685	690	5	92.7	0.7	0.7			1378.0	8344	1257	6017	7088	1070	84.9	15.1	12.8			55.4		
DOZ-29	2460	5018	BEML BD355	410 HP	15-Apr-19	496	85			228						5584	940	2086	4644	2558	83.2	55.1	45.8			25.5			
						TOTAL	4000	1476	1664	2524	860	63.1	34.1	21.5		33.5	45160	13748	22945	31412	8467	69.6	27.0	18.7			37.8		
PAY LOADER [ 3 ]																	-	-	8376	7491	620	885	265	10.57	29.94	3.16			18.82
PL-20	14898	15163	Kawasaki, 90Ziv-2	256 HP	26-Aug-09	744	744								-	-	25.7	8376	6019	1940	2357	417	28.14	17.68	4.97			26.53	
PL-22	10958	11375	Hyundai-hf770-7A	280 HP	26-May-10	744	354	317	390	73	52.4	9.8	18.7			-	-	8376	2498	3897	5878	1981	70.18	33.70	23.65			23.14	
PL-23	12852	14833	Kawasaki, 90ZV	257 HP	07-Oct-15	744	721	23	23			3.1					25.7	25128	16008	6457	9120	2663	36.29	29.19	10.60			23.24	
MOTOR GRADER [ 2 ]																													
MG-6	9102	9102	BEML BG 825	280 HP	04-Aug-08	496	496								-	-	5584	5584											
MG-7	9680	11020	BEML BG 825	280 HP	04-May-12	496	464	32	32			6.5			-	-	5584	1615	2629	3969	1340	71.07	33						

## BARSUA IRON MINES

## Equipment Performance Report

SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar-20	UTILIS. UPTO Mar-21	MAKE / TYPE	CAP	DATE OF COMMISSION	March-21											2020-2021										
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR
<b>EXCAVATORS [ 6 ]</b>																											
EX-20	26834	27175	BEML,BE-1000	4.5 CuM	Mar-04										-	-	1296	339	617	958	341	73.9	35.6	26.3	2197	6.44	61.7
EX-22	21087	24583	BEML,BE-1000	4.5 CuM	22-Dec-08	712	150	124	562	439	78.9	61.6	78.0	3050	6.96	53.07	7880	2179	2206	5701	3496	72.3	61.3	44.4	21437	6.13	52.5
EX-23	16253	18292	BEML, BE-1000	4.5CuM	18-Feb-10	712	114	376	598	223	84.0	31.3	37.2	994	4.47	37.73	7880	3212	2629	4668	2039	59.2	43.7	25.9	10357	5.08	43.2
EX-27	4523	6506	BEML, BE-1000-1	4.5 CuM	19-Dec-17	712	712								-	-	7864	3764	2118	4101	1983	52.1	48.4	25.2	13209	6.66	62.6
					TOTAL	2136	976	499	1160	661	54.3	57.0	30.9	4044	6.12	47.90	24920	9493	7569	15427	7859	61.9	50.9	31.5	47200	6.01	53.0
EX-21	18158	18168	TELCON,1200V-1018	5.9 CuM	28-May-07	712	672	31	40	10	5.6	1.3	23.8	58	6.11	187.37	7832	7168	655	664	10	8.5	1.4	0.1	58	6.11	187.4
EX-24	14045	15005	BEML, BE-1600	7.5CuM	04-Aug-11	712	170	360	542	183	76.1	25.6	33.7	881	4.83	58.74	7832	5281	1592	2551	960	32.6	37.6	12.3	4910	5.12	62.7
					TOTAL	3560	1818	889	1742	853	48.9	49.0	24.0	4983	5.84	51.8	15664	12449	2246	3215	969	20.5	30.1	6.2	30580	31.56	63.9
<b>DUMPER,50 TE [ 5 ]</b>																											
HPD-90	17679	19001	BEML,210M	50T	1-Apr-05	712	393	231	319	88	44.80	12.36	27.59	204	2.32	33.47	7880	3307	3251	4573	1322	58.0	28.9	16.8	3243	2.45	31.4
BH-93	24399	24415	BH-50 M	50T	1-Feb-08												640	569	55	71	16	11.1	22.5	2.5	35	2.19	26.6
BH-94	23537	25034	BH-50 M	50T	22-Dec-08	712	130	357	582	225	81.74	31.60	38.66	510	2.27	26.91	7880	2660	3723	5220	1497	66.2	28.7	19.0	3572	2.39	29.3
BH-95	31498	32262	BH-50 M	50T	6-Feb-09										-	-	6216	2822	2631	3395	764	54.6	22.5	12.3	1994	2.61	30.1
BH-96	26943	28344	BH-50 M	50T	20-Aug-09	712	304	299	408	109	57.30	15.31	26.72	221	2.03	28.30	7624	2814	3410	4810	1401	63.1	29.1	18.4	3555	2.54	31.1
BH-99	23750	23952	BH-50 M	50T	20-Feb-14	496	24	453	472	19	95.16	3.83	4.03			28.42	5152	247	4703	4905	202	95.2	4.1	3.9			17.8
					TOTAL	2632	851	1340	1781	441	67.67	24.76	16.76	935	2.12	28.63	35392	12419	17773	22974	5201	64.9	22.6	14.7	12652	2.43	30.0
<b>DUMPER,60 TE [ 3 ]</b>																											
HPD-101	7543	11592	BEML,BH-60	60 T	16-Nov-17	712	169	139	543	405	76.26	56.81	74.49	1063	2.63	37.06	7880	1857	1975	6023	4049	76.4	67.2	51.4	11594	2.86	42.9
HPD-102	8067	11812	BEML,BH-60	60 T	23-Nov-17	712	156	160	557	397	78.16	55.76	71.34	1069	2.69	36.55	7880	2036	2100	5844	3745	74.2	64.1	47.5	10727	2.86	41.9
HPD-103	4179	8745	BEML,BH-60	60 T	08-May-19	712	89	160	623	463	87.50	65.03	74.32	1245	2.69	34.51	7880	1262	2052	6618	4566	84.0	69.0	57.9	12511	2.74	38.8
					TOTAL	1424	325	298	1100	802	77.21	72.90	56.29	2132	2.66	36.81	23640	5155	6126	18485	12359	78.2	66.9	52.3	22321	1.81	41.1
<b>DUMPER,100 TE [ 2 ]</b>																											
BH-97	10132	10960	BEML,BH-100	100 T	4-Aug-11	712	55	473	658	185	92.35	25.98	28.14	432	2.34	39.38	7864	3267	3769	4597	828	58.5	18.0	10.5	1759	2.12	42.1
BH-98	8941	10212	BEML,BH-100	100 T	04-Aug-11	712	177	436	536	100	75.21	14.04	18.67	237	2.37	45.00	7832	2114	4447	5718	1271	73.0	22.2	16.2	2642	2.08	46.1
					TOTAL	1424	231	908	1193	285	83.78	23.89	20.01	669	2.35	41.35	15696	5381	8216	10315	2099	65.7	20.3	13.4	4401	2.10	44.5
<b>DRILL [ 3 ]</b>																											
DM-7	23690	23690	AC - IDM-30	160mm	29-Jan-98										-	-	2960	2424	536	536		18.1			1220		
DM-9	10417	11052	AC - IDM-30	160mm	30-Sep-09	496	322	116	174	59	35.08	11.79	33.62			38.80	5360	2034	2692	3327	635	62.1	19.1	11.8	3560	5.61	39.4
DM-10	5936	7125	AC - IDM-30	160mm	14-Jan-15	496	224	112	273	161	54.94	32.46	59.08			33.2	5392	1360	2844	4033	1189	74.8	29.5	22.1	7014	5.90	33.0
					TOTAL	992	546	227	447	220	45.01	49.16	22.13			34.7	13712	5817	6072	7895	1824	57.6	23.1	13.3	11794	6.47	35.3
<b>DOZER [ 6 ]</b>																											
TR-36 (B/V)	14105	16381	BEML,D-155A	320 HP	23-Apr-05	712	106	308	607	299	85.18	41.92	49.22			37.0	8064	2319	3470	5746	2276	71.2	39.6	28.2			38.5
TR-37	16010	16576	BEML,D-155A	320 HP	22-Jun-07	712	453	238	259	21	36.38	2.95	8.11			21.0	8040	4483	2992	3557	566	44.2	15.9	7.0			42.9
TR-38	16556	16614	BEML, D-355	410 HP	16-Feb-10	712	656	56	56		7.87			-	-	7832	5643	2132	2190	58	28.0	2.6	0.7			60.9	
TR-39	10795	11978	BEML, D-355	410 HP	10-Apr-12	712	368	285	345	60	48.38	8.43	17.42			35.5	7880	2886	3812	4995	1183	63.4	23.7	15.0			30.5
TR-40	6283	7225	BEML, D-355	410 HP	6-Jun-14	712	458	229	255	26	35.74	3.58	10.02			29.4	7880	2930	4009	4950	942	62.8	19.0	11.9			37.1
TR-9(K)	619	1043	BEML, D-155	320 HP	1-Oct-19	196	22			55						47.7	1396	153	819	1243	424	89.0	34.1	30.4			30.9
					TOTAL	3756	2062	1116	1695	579	45.11	34.17	15.42			29.3	41092	18413	17233	22680	5447	55.2	24.0	13.3			36.6
<b>PAY LOADER [ 2 ]</b>																											
FEL-6	10228	10444	&T KOMAT. IMA-470-3	260 HP	21-Jan-09	372	48	282	325	43	87.23	11.42	13.10			17.4	4020	2501	1304	1519	216	37.8	14.2	5.4			18.2
FEL-7	6451	7174	HYUNDAI	280 HP	27-Aug-11	372	274	55	99	44	26.48	11.69	44.16			17.1	4032	1904	1406	2129</							



EQUIPMENTS	UTILIS. UPTO Mar'20	UTILIS. UPTO Mar-21	MAKE / TYPE	CAPACITY	DATE OF COMMISSION	March-21											2020-2021											
						SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD/H R	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD /HR	
EXCAVATORS[4]																												
D-12A	18064	18064	BE 1000(D)	4.5 CuM	27-Apr-08	744	744									-	-	8232	8232									
D-12	11566	11566	BE 1600	7.5 CuM	16-Feb-11	744	744									-	-	8232	8232									
D-14	29194	32114	KOMATSU	9.5 CuM	06-Apr-12	744	148	327	597	270	80.2	45.2	36.2	1375	5.1	95.0	8232	2518	2794	5714	2920	69.4	51.1	35.5	12007	4.1	88.4	
D-15	22153	24559	KOMATSU	9.5 CuM	31-Aug-15	744	307	255	438	182	58.8	41.7	24.5	1247	6.8	102.1	8232	1897	3929	6335	2406	77.0	38.0	29.2	10791	4.5	85.1	
D-16	1595	5113	LIEBHERR	9.5 CuM	30-Sep-19	744	110	369	634	265	85.2	41.8	35.6	1467	5.5	113.2	8232	958	3756	7274	3518	88.4	48.4	42.7	15487	4.4	101.9	
						TOTAL	3720	2052	951	1668	717	44.8	43.0	19.3	4089	5.7	103.5	41160	21837	10480	19323	8843	46.9	45.8	21.5	38285	4.3	92.9
DUMPER,50 TE[3]																												
R/D-85	18561	18561	BEML-BH-50M	50 Te	Mar-08	744	744									-	-	8232	8232									
R/D-86	20060	20060	BEML-BH-50M	50Te	Sep-08	744	744									-	-	8232	8232									
R/D-87	17443	17443	BEML-BH-50M	50Te	Dec-08	744	744									-	-	8232	8232									
						TOTAL	2232	2232									24696	24696										
DUMPER,100 TE[6]																												
R/D-88	24777	28743	KOMAT.HD785-7	100 T	10-Sep-10	744	131	114	613	499	82.4	81.4	67.0	1517	3.0	52.8	8232	3210	1057	5022	3966	61.0	79.0	48.2	10704	2.7	53.5	
R/D-89	32442	35426	KOMAT.HD785-7	100 T	10-Sep-10	744	336	90	409	319	54.9	78.1	42.9	785	2.5	53.6	8232	4332	916	3900	2984	47.4	76.5	36.2	7695	2.6	50.5	
R/D-90	21852	24455	CAT 777D	100 T	25-Jan-12	744	690	33	55	22	7.3	39.4	2.9	243	11.3	68.2	8232	3369	2260	4863	2603	59.1	53.5	31.6	7196	2.8	52.3	
R/D-91	18567	21929	CAT 777D	100 T	25-Jan-12	744	153	195	591	397	79.5	67.1	53.3	1228	3.1	47.7	8232	2889	1982	5343	3362	64.9	62.9	40.8	9074	2.7	52.0	
R/D-92	12826	13605	BEML- BH 100	100 T	27-May-15	744	502	136	242	106	32.5	43.6	14.2	252	2.4	68.2	8232	6403	1050	1829	779	22.2	42.6	9.5	2159	2.8	63.7	
R/D-93	12621	13299	BEML - BH 100	100 T	10-Jun-15	744	624	79	121	42	16.2	34.9	5.6	64	1.5	61.9	8232	6656	898	1576	678	19.1	43.0	8.2	1472	2.2	65.0	
						TOTAL	4464	2435	646	2030	1383	45.5	68.2	31.0	4089	3.0	53.2	49392	26859	8163	22533	14371	45.6	63.8	29.1	38300	2.7	53.4
DRILL[4]																												
DM-10	17867	18426	IR-ROTACOL-IDM-30	160mm	Feb- 04	496	496									-	-	5488	3718	1211	1770	559	32.2	31.6	10.2	7610	13.6	35.7
DM-12A	9411	11059	AC-ROTACOL-IDM-30	160mm	Sep-08	496	181	208	315	107	63.6	33.9	21.6	1177	11.0	40.6	5488	1653	2187	3835	1648	69.9	43.0	30.0	22594	13.7	39.2	
DM-14	10805	11493	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	496	164	169	333	164	67.0	49.2	33.0	2236	13.7	31.7	5488	3732	1068	1756	688	32.0	39.2	12.5	9804	14.2	39.5	
DM-15	7344	7549	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	496	258	182	239	57	48.1	23.9	11.5	1202	21.1	35.1	5488	4687	597	802	205	14.6	25.5	3.7	1921	9.4	32.8	
						TOTAL	1984	1098	559	886	328	44.7	37.0	16.5	4615	14.1	35.2	21952	13790	5063	8162	3100	37.2	38.0	14.1	41929	13.5	38.2
DOZER[6]																												
DOZ-21	17420	18767	BEML D-355	410 HP	May- 03	496	496									-	-	7520	3685	2488	3835	1347	51.0	35.1	17.9			33.1
DOZ-22	18826	20237	BEML D-355	410 HP	Feb-04	744	145	104	600	496	80.6	82.7	66.6			29.5	6544	3723	1410	2821	1411	43.1	50.0	21.6			30.9	
DOZ-23	17288	17288	BEML D-355	410 HP	May-08	744	744									-	-	8016	8016									
DOZ-24	14258	14918	BEML D-355	410 HP	Sep-08	496	118	289	378	90	76.2	23.7	18.0			28.8	5728	2658	2411	3071	660	53.6	21.5	11.5			21.8	
DOZ-25	11179	13752	BEML D-355	410 HP	25-Apr-14	744	662	52	82	31	11.0	37.2	4.1			37.4	8016	3065	2379	4952	2573	61.8	52.0	32.1			38.5	
DOZ-26	11004	12472	BEML D-355	410 HP	08-Sept-17	496	131	234	365	131	73.6	35.9	26.4			41.4	5728	2172	2088	3556	1468	62.1	41.3	25.6			32.8	
						TOTAL	3720	2296	678	1425	747	38.3	52.4	20.1			31.8	41552	23318	10776	18234	7457	43.9	40.9	17.9			33.5
PAY LOADER[2]																												
PL-7	12770	12770	L&T KOMAT. WA-470-	260 HP	21-Jan-09	744	744									-	-	8232	8232									
PL-8	5007	5007	Hyundai-hl770-7A	280 HP	01-Jun-10	744	744									-	-	8232	8232									
						TOTAL	1488	1488									16464	16464										
Back Hoe [2]																												
BACK HOE-02	9412	12059	BEMLBE-300LC	1.2 CU.M	May-09	744	191	301	553	252	74.3	45.6	33.9			11.6	8256	4026	1583	4230	2647	51.2	62.6	32.1			13.9	
BACK HOE-03	6545	7417	BEMLBE-300LC	1.25 CU.M	25-Sep-13	744	450	40	295	255	39.6	86.5	34.2			20.1	7560	4794	1894	2767	872	36.6	31.5	11.5			18.9	
						TOTAL	1488	641	341	848	507	57.0	59.8	34.0			15.9	15816	8819	3478	6997	3519	44.2	50.3	22.3			15.1
Water Sprinkler [2]																												
WT-5	15817	16546	WS-28	28 KL	May-05	744	111	473	633	160	85.																	

**EQUIPMENT AVAILABILITY & UTILISATION**

Mar-21

		KIRIBURU				MEGHAHATUBURU				BOLANI				BARSUA				GUA				UNIT IN %			
		NORM		MTH		2020-21		MTH		2020-21		MTH		2020-21		MTH		2020-21		MTH		2020-21		AV	UT
EQPMT TYPE		AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT
DRILL	150 mm	60	70	51	62	38	44	64	64	57	70	73	34	63	36	45	49	58	23	45	37	37	38		
SHOVEL	HYD(D) ≤4.5 m <sup>3</sup>	70	60					9	54	42	25	47	7	69	16	54	57	62	51						
	HYD(D) >4.5 m <sup>3</sup>	70	65	93	55	81	57	56	65	63	56	79	34	81	34	49	49	21	30	45	43	47	46		
DUMPER	85/ 60 tn	65	75																						
	50 tn	65	75							8	21	46	7	45	14	68	25	65	23						
	100 tn	85	80	58	50	59	46	64	47	63	41	55	52	53	50	84	24	66	20	45	68	46	64		
DOZER		70	70	42	40	29	51	71	17	47	27	63	34	70	27	45	34	55	24	38	52	44	41		
CRUSHING PLANT		80	85					74	79	91	62	91	48	91	53										
SCREENING PLANT		80	85					81	80	90	63	90	63	90	67										
OHP		80	85	87	90	89	72	81	80	88	63					98	53	98	46	98	87	94	70		

**Consumption of Key Consumables in 2020-21**  
**Kiriburu**

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.12	0.45	4.2	25
2015-16	2021760	758860	2780620	585470	31933017	107099	3648780	178245	2088990	201910	0.10	0.47	5.40	17.95
2016-17	2177112	702490	2879602	573840	31702875	101640	3891780	242370	2663910	0	0.08	0.44	4.66	15.36
2017-18	2109898	573577	2683475	515422	30594993	92150	3979790	215830	1568970	863256	0.08	0.46	5.31	15.84
2018-19	1956167	446003	2402170	413826	31857068	83816	3650940	234000	1002060	349644	0.08	0.50	6.52	17.47
2019-20	1833402	238708	2072110	338472	31327142	79170	3628320	296130	1250100	49192	0.06	0.42	6.05	15.95
<b>2020-21</b>	<b>1422869</b>	<b>420794</b>	<b>1843663</b>	<b>372737</b>	<b>31494313</b>	<b>79380</b>	<b>3692160</b>	<b>136710</b>	<b>1191420</b>	<b>714754</b>	<b>0.06</b>	<b>0.36</b>	<b>6.27</b>	<b>15.58</b>
<b>Apr-20</b>	124077	51600	175677	19607	2470800	4410	270810	0	117000	0	0.05	0.45	6.37	11.37
<b>May-20</b>	98120	20420	118540	12816	2273620	2730	140580	0	266760	0	0.03	0.29	5.58	6.70
<b>Jun-20</b>	96171	21137	117308	13075	2425480	6930	209430	0	195480	0	0.03	0.29	5.99	17.11
<b>Jul-20</b>	78067	42026	120093	26173	2446000	6510	261090	0	58590	0	0.08	0.38	7.65	20.36
<b>Aug-20</b>	93083	30483	123566	30909	2789887	2310	245790	19800	53820	0	0.10	0.41	8.73	7.58
<b>Sep-20</b>	154678	17799	172477	50654	2877430	6300	390330	18900	75600	143467.2	0.08	0.34	5.93	12.44
<b>Oct-20</b>	159910	18560	178470	34272	2339145	5880	381510	9180	109800	61648	0.06	0.35	4.67	11.55
<b>Nov-20</b>	66500	75290	141790	45723	3122442	10080	363870	18900	77760	57416.4	0.09	0.31	6.78	21.88
<b>Dec-20</b>	126227	15594	141821	40810	3254033	7140	366930	9900	79920	92102.4	0.07	0.30	7.12	15.12
<b>Jan-21</b>	132569	21660	154229	29807	2256256	7980	387270	13320	63270	97662	0.05	0.32	4.86	16.68
<b>Feb-21</b>	143438	89750	233188	39565	2542436	5460	337860	17010	33930	135448	0.08	0.59	6.54	13.32
<b>Mar-21</b>	150029	16475	166504	29326	2696784	13650	336690	29700	59490	127010	0.05	0.40	6.33	31.35

**Meghahatuburu**

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.13	0.45	4.15	25
2015-16	2225132	166400	2391532	519270	19481640	115697	3737160	0	1716350	896600	0.08	0.43	3.57	20.70
2016-17	2572886	44085	2616971	515440	17964960	126531	3711060	162000	2828750	234000	0.07	0.39	2.68	19.06
2017-18	2625542	51700	2677242	653081	18582360	119195	3784340	183000	2938950	1026000	0.08	0.38	2.69	16.97
2018-19	2575594	100790	2676384	572008	18050111	117281	3697950	172500	2645300	300000	0.08	0.41	2.77	18.15
2019-20	2481781	133520	2615301	605115	17857680	125253	3816200	34900	3243170	352114	0.08	0.37	2.52	17.50
<b>2020-21</b>	<b>1948568</b>	<b>161891</b>	<b>2110459</b>	<b>467093</b>	<b>15627704</b>	<b>116166</b>	<b>2808613</b>	<b>172097</b>	<b>3156480</b>	<b>119009</b>	<b>0.07</b>	<b>0.35</b>	<b>2.55</b>	<b>19.24</b>
<b>Apr-20</b>	179376	11560	190936	28029	1160567	6286	221827	20183	319680	22691	0.05	0.35	2.07	11.38
<b>May-20</b>	148063	7840	155903	32496	650132	10430	13590	0	425160	54598	0.07	0.34	1.48	23.05
<b>Jun-20</b>	128634	5250	133884	16303	1010587	4349	71460	0	288180	35720	0.04	0.36	2.81	11.80
<b>Jul-20</b>	126115	11430	137545	23834	1242878	11354	143386	20414	146520	0	0.08	0.47	4.01	38.49
<b>Aug-20</b>	148050	6950	155000	27639	1329660	11521	185020	20000	229500	0	0.06	0.37	3.06	27.46
<b>Sep-20</b>	151960	9040	161000	24322	1321466	7994	224070	30000	219240	0	0.05	0.36	2.79	17.73
<b>Oct-20</b>	185844	12920	198764	29314	1372325	11116	326440	21500	262980	0	0.05	0.33	2.25	18.69
<b>Nov-20</b>	165970	8530	174500	44317	1461261	11326	309580	20000	203580	0	0.08	0.34	2.74	21.86
<b>Dec-20</b>	175610	29390	205000	65048	1684272	10458	378990	0	199440	0	0.11	0.35	2.91	18.08
<b>Jan-21</b>	202670	15830	218500	63677	1665064	8022	400050	0	285120	0	0.09	0.32	2.43	11.71
<b>Feb-21</b>	178737	23720	202457	56472	1363297	10094	221200	20000	299790	0	0.10	0.39	2.52	19.19
<b>Mar-21</b>	157539	19431	176970	55642	1366195	13216	313000	20000	277290	6000	0.09	0.30	2.24	22.15

### Consumption of Key Consumables in 2020-21

#### Bolani

Item	HSD	Expl	Power	Lubricant	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB	
Unit	(in Liter)	(in kg)	(in KWH)	(in Liter)									
<b>NORM</b>										<b>0.11</b>	<b>0.43</b>	<b>4.8</b>	<b>25</b>
2015-16	2259467	913430	21800400	106130	3598770	1735825	1382700	1085889	0.12	0.40	3.25	18.66	
2016-17	2538285	618000	22677280	116550	4014310	1667532	1534785	920488	0.08	0.41	3.14	18.81	
2017-18	2514011	935809	20339200	125936	3712455	1543746	1417555	1853008	0.11	0.42	3.05	21.06	
2018-19	2490224	1024680	19637760	115744	3977468	1676535	1370685	1606906	0.12	0.40	2.80	18.76	
2019-20	2448841	1005417	20580240	143470	4231140	1714956	1647120	724266	0.12	0.38	2.71	22.11	
<b>2020-21</b>	<b>2608076</b>	<b>1038364.13</b>	<b>21770880</b>	<b>152244</b>	<b>4515985</b>	<b>1708217</b>	<b>1371865</b>	<b>1407823</b>	<b>0.12</b>	<b>0.39</b>	<b>2.87</b>	<b>22.84</b>	
<b>Apr-20</b>	211152	93554	1593840	12712	308510	104878	132710	179662	0.13	0.41	2.92	24.81	
<b>May-20</b>	177387	72510	1538640	9282	206550	87729	167850	116278	0.13	0.42	3.33	21.82	
<b>Jun-20</b>	187288	82992	1616880	14196	297360	97439	51120	129728	0.14	0.46	3.63	35.03	
<b>Jul-20</b>	201395	89051	1791120	9940	349190	132337	85780	85652	0.14	0.41	3.16	20.31	
<b>Aug-20</b>	202359	91175.13	1853280	10384	366030	108671	69750	123976	0.14	0.41	3.40	21.02	
<b>Sep-20</b>	229451	90212	1874640	7350	407770	141662	120060	87941	0.12	0.39	2.80	12.56	
<b>Oct-20</b>	238972	78644	1917600	12600	403300	146836	158490	104726	0.10	0.38	2.71	20.17	
<b>Nov-20</b>	248093	86491	1919760	13114	448375	159570	122230	98292	0.10	0.39	2.63	20.65	
<b>Dec-20</b>	246275	89234	1956240	20159	466640	176462	127965	178725	0.09	0.36	2.54	29.50	
<b>Jan-21</b>	225331	86707	1987440	13779	416955	181711	140125	85668	0.11	0.36	2.69	22.08	
<b>Feb-21</b>	210819	84069	1805040	17662	424555	186510	108395	122153	0.10	0.35	2.51	28.95	
<b>Mar-21</b>	229554	93725	1916400	11066	420750	184412	87390	95022	0.12	0.40	2.77	19.15	

#### Gua

Item	HSD			Expl	Power	Lubricant									
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB	
<b>NORM</b>	<b>MINES</b>	<b>DGSET</b>	<b>TOTAL</b>									<b>0.09</b>	<b>0.55</b>	<b>4.6</b>	<b>25</b>
2015-16	2632296	18880	2651176	413320	18358728	92732	3565810	284938	1540315	198718	0.08	0.51	3.60	17.91	
2016-17	2933129	2804	2935933	438030	18480528	106696	3774559	239976	1554059	0	0.08	0.54	3.32	19.80	
2017-18	3087765	2220	3089985	388490	18466944	105288	4002700	0	1573793	0	0.07	0.55	3.31	18.88	
2018-19	3090800	0	3090800	422803	18845542	110814	3307804.77	363065	1345070	762619	0.08	0.63	3.76	22.46	
2019-20	2729087	34535	2763622	400233	18260687	102046	3694740	0	610365	87500	0.09	0.64	4.24	23.58	
<b>2020-21</b>	<b>2330149</b>	<b>9750</b>	<b>2339899</b>	<b>272632</b>	<b>18261816</b>	<b>94835</b>	<b>3101353</b>	<b>0</b>	<b>562982</b>	<b>764720</b>	<b>0.06</b>	<b>0.61</b>	<b>4.98</b>	<b>24.60</b>	
<b>Apr-20</b>	223739	0	223739	24576	1422554	8092	276813	0	69309	0	0.07	0.65	4.11	23.38	
<b>May-20</b>	130734	0	130734	23313	1473458	9576	0	0	251000	0	0.09	0.52	5.87	38.15	
<b>Jun-20</b>	128668	3000	131668	4458	1465337	4508	152822	0	68153	0	0.02	0.60	6.63	20.40	
<b>Jul-20</b>	196949	4000	200949	18660	1603264	8328	240127	0	20160	0	0.07	0.77	6.16	32.00	
<b>Aug-20</b>	173709	1600	175309	26924	1525590	4788	219791	0	12910	33528	0.10	0.73	6.56	19.86	
<b>Sep-20</b>	181147	460	181607	13410	1603649	6216	247000	0	35280	53126	0.04	0.61	5.68	21.03	
<b>Oct-20</b>	225405	40	225445	21639	1407308	8960	318300	0	40830	73635	0.05	0.60	3.92	23.73	
<b>Nov-20</b>	193724	200	193924	24244	1545750	8596	272600	0	14400	80203	0.07	0.63	5.39	28.00	
<b>Dec-20</b>	198983	450	199433	30237	1720692	5082	300600	0	20790	134827	0.07	0.56	5.35	14.31	
<b>Jan-21</b>	222850	0	222850	28250	1561924	8232	343300	0	15210	91660	0.06	0.58	4.36	21.58	
<b>Feb-21</b>	225061	0	225061	35282	1366643	9591	332200	0	4950	137567	0.07	0.61	4.05	25.81	
<b>Mar-21</b>	229180	0	229180	21639	1565647	12866	397800	0	9990	160174	0.04	0.51	3.84	28.73	

### Consumption of Key Consumables in 2020-21

#### Brasua -Taldih

Item	HSD			Expl	Power	Lubricant	BARSUA ROM	TALDIH ROM	BARSUA OB		TALDIH OB		EXPL	HSD	POWER	LUB
	(in Liter)		(in kg)						DEPTT	CONT	DEPTT	CONT				
NORM	MINES	DGSET	TOTAL													
2015-16	1230145	6660	1236805	265250	15780840	47362	0	0	2384140	0	0	0	0.11	0.52	6.62	19.87
2016-17	934836	0	934836	188625	15520680	46730	0	173700	1804950	0	294165	0	0.10	0.45	7.84	22.26
2017-18	386285	0	386285	95062	13554044	11893	0	1052111	85675	0	206145	0	0.07	1.32	11.91	40.75
2018-19	1569967	86653	1656620	161280	11762332	31131	1951980	469148	385666	0	65340	0	0.06	0.63	4.89	12.96
2019-20	1398696	237480	1636176	264736	14801934	45360	1797862	1262832.12	563335	0	0	231646.7	0.07	0.69	6.27	19.21
<b>2020-21</b>	<b>1715336</b>	<b>5810</b>	<b>1721146</b>	<b>206088</b>	<b>15154127</b>	<b>81106</b>	<b>2409988</b>	<b>1120688</b>	<b>626315</b>	<b>0</b>	<b>0</b>	<b>212361</b>	<b>0.05</b>	<b>0.57</b>	<b>4.99</b>	<b>26.71</b>
Apr-20	118320	0	118320	3650	1147597	4382	160817	80030	64255	0	0	40390	0.01	0.53	5.10	19.47
May-20	78755	0	78755	8050	1248557	3990	20776	58571.25	145200	0	0	3325	0.04	0.47	7.52	24.04
Jun-20	149083	0	149083	7625	843077	3990	161006	54410	60985	0	0	19845	0.03	0.67	3.80	17.97
Jul-20	137728	3160	140888	11225	1568917	6070	188992	116229	40980	0	0	46847	0.03	0.61	6.82	26.39
Aug-20	141126	2650	143776	9500	1261717	6300	208358	78949	29970	0	0	12164	0.03	0.60	5.29	26.43
Sep-20	149804	0	149804	19300	1221357	7658	250426	105404	36870	0	0	4970	0.05	0.52	4.25	26.66
Oct-20	156313	0	156313	5900	1263597	5558	221868	69995	41440	0	0	37940	0.02	0.59	4.80	21.11
Nov-20	138526	0	138526	26255	1234237	11830	238803	70900	55670	0	0	23645	0.07	0.47	4.19	40.17
Dec-20	188702	0	188702	32644	1454237	4504	238469	74000	35815	0	0	10845	0.09	0.69	5.30	16.42
Jan-21	166068	0	166068	19235	1360357	8470	273576	121300	15225	0	0	2610	0.05	0.58	4.71	29.33
Feb-21	127969	0	127969	20538	1237597	10066	200010	120400	48095	0	0	6255	0.05	0.52	4.99	40.57
Mar-21	162942	0	162942	42166	1312880	8288	246887	170500	51810	0	0	3525	0.09	0.55	4.40	27.75

	Kalta						Manoharpur						Taldih			D Area & Panposh		
	HSD	Expl	Power	Lubricant	Excavation	Explosive Kg/T Excav	HSD	Expl	Power	Lubricant	Excavation	Explosive Kg/T Excav	Expl	Excavation	Explosive Kg/T Excav	Expl	Excavation	Explosive Kg/T Excav
2017-18	59801	147425	1468000	420	1524560	0.10	112989	69000	1717011	784	44830	1.54	89700	1258255	0.07		3158815	0.00
2018-19	52204	149850	1328188	0	1717832	0.09	83138	88300	2255330	2293	733489	0.12	35925	534488	0.07	256875	2665550	0.10
2019-20	51501	172450	1092780	510	2363856	0.07	65841	69225	1523616	523	745690.57	0.09	104725	1494478.81	0.07	230475	2358226	0.10
<b>2020-21</b>	<b>30875</b>	<b>180250</b>	<b>901738</b>	<b>0</b>	<b>2496900</b>	<b>0.07</b>	<b>41995</b>	<b>48450</b>	<b>1666309</b>	<b>575</b>	<b>629125</b>	<b>0.08</b>	<b>57500</b>	<b>1333049</b>	<b>0.04</b>	<b>339074</b>	<b>2503942</b>	<b>0.14</b>
Apr-20	3670	10425	92780	0	351000	0.03	2992	7600	138969	2	36098	0.21	1250	120420	0.01	34551	284540	0.12
May-20	3285	10925	70400	0	241000	0.05	4392	5000	135284	14	45449	0.11	600	61896	0.01	20126	204007	0.10
Jun-20	4750	19100	88200	0	168300	0.11	3784	850	151010	48	43448	0.02	0	74255	0.00	20126	189499	0.11
Jul-20	0	0	0	0	197000	0.00	4192	0	160401	150	0	#DIV/0!	5225	163076	0.03	30863	182645	0.17
Aug-20	4180	17975	89460	0	170000	0.11	4028	0	156054	104	0	#DIV/0!	3800	91113	0.04	33964	154806	0.22
Sep-20	2260	13750	73800	0	183600	0.07	3613	1350	156642	56	0	#DIV/0!	5200	110374	0.05	41076	153695	0.27
Oct-20	2870	18075	90918	0	225800	0.08	3286	3400	162287	86	39267	0.09	2000	107935	0.02	38988	189225	0.21
Nov-20	1890	21000	82540	0	232000	0.09	3789	3800	142117	90	84745	0.04	4700	94545	0.05	37400	192862	0.19
Dec-20	2270	20375	100760	0	197600	0.10	3709	10250	169680	13	102933	0.10	5750	84845	0.07	28337	265187	0.11
Jan-21	2090	18550	110240	0	262000	0.07	3953	10800	166526	6	96727	0.11	7325	123910	0.06	30174	242379	0.12
Feb-21	2110	13250	102640	0	171700	0.08	4257	5400	127339	6	80355	0.07	7450	126655	0.06	23470	233663	0.10

## STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL

Status as on March'2021

MINE	GRANTED	VALID	AREA ( in ha)	RENEWAL APPL.DATE	FOREST CLEARANCE (FC)		ENVIRONMENTAL CLEARANCE (EC)
					ON	UPTO	
<b>KBR-MBR</b>							
Amalgamated ML	30.07.2019	27.03.2030	2897.499		Stage-II FC exists for existing 644.26 ha broken area . Stage-I FC obtained for South & Central Block (247.5 ha) on 18.10.2010. Compliance report has been submitted well within the time & State Govt. forward the proposal to MoEFCC on 13.07.2015. Further, compliance of the queires were forwarded by State Govt. to MoEFCC on 05.04.2016 but kept pending due to Carrying capacity study by ministry. After approval of MPSM on 08.06.2018, proposal was processed and all necessary compliance was submitted by SAIL to State Forest Department. Thereafter, PCCF (Nodal), Govt. of Jharkhand forwarded the compliance report to Principal Secretary (F, E & CC), Govt. of Jharkhand on 12.06.2020. Again PCCF raised question on 04.08.2020 which was replied on 04.09.2020. Further, report submitted to DFO, Saranda on 17.01.2020 & forwarded the information sought by Dept. of F, E & C, GoJ vide letter dated 04.08.2020 to CF, Chaibasa on 17.10.2020. Subsequently, the information was forwarded by CF, Chaibasa to RCCF, Jamshedpur vide letter dated 22.10.2020 and further RCCF, Jamshedpur forwarded to PCCF (Nodal), Jharkhand vide letter dated 27.10.2020. PCCF (Nodal), Jharkhand vide letter dated 23.11.2020 forwarded to Prin. Secy. (F, E & CC), GoJ. Vide letter dated 17.12.2020, GOJ asked some clarification. PCCF (Nodal), GoJ vide letter dated 04.01.2021 requested RCCF, Jamshedpur to send the compliance of the query dated 17.12.2020. DFO, Saranda vide letter dated 07.01.2021 directed to submit compliance of Eco-restoration plan which was submitted on 27.01.2021. The compliance report was forwarded by RCCF, JSR to PCCF (Nodal) vide letter dated 18.02.2021. PCCF (Nodal), GoJ vide letter dated 01.04.21 forwarded to Principal Secy. (F, E & CC), GoJ.	EC granted by MoEFCC for 10 MTPA capacity on 27.12.2006. EC granted by MoEFCC for 16 MTPA capacity on 23.09.2014. CTO for 16 MTPA capacities has been renewed by JSPCB on 24.12.2019 with validity up to 31.12.2024. EC amendment order for selling of tailings in open market has been issued by MoEFCC, New Delhi on 30.07.2020. Amendment CTE obtained on 30.09.2020 for excavation of tailings from KIOM-MIOM over 1 MTPA each for selling in open market. Required CTO for inclusion of selling provision has obtained on 07.12.2020.	
Government of Jharkhand has extended the mining lease period of amalgamated lease of Kiriburu-Meghahatuburu Iron Ore Mines up to 27.03.2030 vide letter dated 30.07.2019. Amalgamated Lease deed executed on 25.10.2019							
Amalgamated ML					Forestry clearance for the total broken area of 55.9 ha was granted on 11.04.2005.	Ore Beneficiation Plant & loading facilities of Meghahatuburu Iron Ore Mine are located in the lease-II.	
					Forestry clearance for the total broken area of 24.23 ha was granted on 11.04.2005.	Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III.	
Horomotto	01.01.70	31.12.99	1051.98	-	Hon'ble High Court disposed the two writ petitions on 16.04.2019 by directing the State Govt. to consider SAIL's representation in accordance with the law to retain 90.06 ha over which infrastructure facilities were developed. SAIL had submitted a representation to Govt of Odisha on 03.07.2019 and requested to allow SAIL to retain the 90.06 ha in Horomotto Lease area over which various infrastructure facilities have been developed since 1970 and grant Surface Lease for the said area in the larger public interest. Under consideration with Govt. of Odisha.	No EC	

**STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL**

Status as on March'2021

MINE	GRANTED	VALID	AREA	RENEWAL	<b>FOREST CLEARANCE (FC)</b>	<b>ENVIRONMENTAL CLEARANCE (EC)</b>
	ON	UPTO	( in ha)	APPL.DATE		
<b>BOLANI</b>						
5.1 sq. mile lease	11.04.60	09.04.30	1321.45	26.03.09	Stage-II FC granted by MoEF&CC on 11.12.2012, 09.07.2013 & 12.11.2014. Stage-I FC for additional 87.09 ha sabik FL was obtained on 12.09.2017. Stage-II FC granted on 06.11.2019 for 87.09 ha Sabik Forest.	EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21.12.2012. EC amendment order for selling of dump fines in open market has been issued by MoEFCC, New Delhi on 30.07.2020. CTE amendment order issued on 02.11.2020. CTO for selling of fines obtained on 04.12.2020. CTO renewed on 24.03.2021 with validity upto 31.03.2022.
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. Stage-II FC for 124.313 ha was obtained from MoEF&CC, New Delhi on 29.04.2019. In addition to that, MoEFCC vide letter dated 24.07.17 issued amended Stage-I FC order of Hal forest. After all compliances, the proposal was forwarded to Addl. PCCF (N) on 12.04.2019 and forwarded to MoEF&CC on 02.07.2019 for grant of Stage – II FC. Further, MoEFCC asked clarification to Govt of Odisha on 04.10.2019 for additional CA. A meeting in this regard held at HOFF office on 09.12.19. Due to non availability of suitable Degraded Forest Land (DFL) for CA in Kenojhar Forest Division, requested Kalahandi Forest Division for CA land. on 09.07.2020 in consultation with DFO, Keonjhar. Vide letter dated 09.12.2020, Addl PCCF asked DFO, Keonjhar for submission of compliance and SAIL replied the status of CA scheme on 24.12.2020 and requested for necessary direction to DFO, Kalahandi for early submission of CA scheme.	Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore. Consent to Establish (CTE) for production of 15000 TPA Mn Ore was extended by OSPCB upto 20.12.2023 on 22.05.2019. CTO for 15000 TPA Mn ore mining was renewed by OSPCB on 24.03.2021 for validity up to 31.03.2022. CTO for Railway Siding of Bolani Ores Mines mines was renewed by OSPCB on 24.03.2021 for validity up to 31.03.2022.
Govt. of Odisha vide letter dated 17.03.2020 extended the 6.9 Sq. mile lease of Bolani Ores Mines upto 13.11.2032 as per MMGC Rules, 2015. Lease						

## STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL

MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)		Status as on March'2021
					ON	UPTO (in ha)	APPL.DATE
<b>GU</b>							
Durgaiburu	22.02.49	21.02.79	1443.8	08.02.08 (2nd RML)	Stage-II FC for existing broken area of 274.691 ha has been granted by MoEF on 22.08.2014. Stage-I FC granted for 361.295 ha on 04.03.2014. MoEFCC vide order dated 07.12.2020 granted Stage-II FC for diversion of 361.295 ha of unbroken forest land, in addition to 274.691 ha of broken up forest area for mining of iron ore . This will facilitate in capacity expansion of Gua mine. In order to expedite early compliance of Stage-II FC conditions, SAIL vide letter dated 27.12.2020 made a request to PCCF(Nodal), Jharkhand for constitution a committee to monitor handing over of reclaimed forest land after mining to Forest department. Compliance report of all the conditions stipulated in Stage – II FC/Final Approval order has been submitted to State Forest Department on 30.12.2020 for early handover of the diverted forest land of 361.295 ha. DFO, Saranda forwarded to CF, Chaibasa vide letter dated 05.01.21. CF, Chaibasa forwarded to RCCF, JSR vide letter dated 20.01.2021 and forwarded to PCCF(Nodal) on 03.02.2021. Vide letters dated 11.02.2021, PCCF (N) asked some clarification from RCCF, Jamshedpur which is under follow up stage.	EC granted by MoEF on 25.03.2013. CTO for 12.5 MTPA renewed by JSPCB on 31.12.2020 for the period 01.01.2021 to 31.12.2021. The EC amendment proposal for selling of dump fine has been submitted to MoEFCC & presentation held in Feb,2020 wherein ADS raised on 26.03.2020 which was replied on 31.08.2020 to Ministry. EAC meeting held on 25.09.2020. Amended EC granted on 06.11.2020. CTE application submitted on 12.11.2020.	
Government of Jharkhand has extended the mining lease period of Duarguiburu Lease of Gua Ore Mines up to 21.02.2029 vide order dated 25.06.2019. The lease deed executed on 24.09.2019 and registration done on 30.09.2019.							
Jhilingburu - I	12.05.50	11.05.80	210.53	25.04.09 (2nd RML)	Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land indentification is under progress.		ToR for conducting EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEF&CC on 13.11.17 sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018. EAC meeting held on 19.02.2021 wherein EAC agreed for Standard ToR.
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFFCC, Ranchi on 16.01.2018 for further necessary action. MoEF&CC, RO, Ranchi vide letter dated 27.02.2019 requested PCCF (Nodal), GoJ to provide certain information in view of the approval of MPSM. The point-wise information was submitted to DFO,Saranda vide letter dated 02.04.2019. After examination of information, DFO,Saranda vide letter dated 27.04.2019 has sought certain clarifications from SAIL which were replied on 22.05.2019. Geo-referenced map, topo sheet map & kml/shape files were prepared and submitted to DFO, Porhat, which was forwarded to the office of DFO, Saranda. Vide letter dated 20.03.2020, DFO, Saranda was requested to forward the compliance of the query raised by MoEFCC, RO, Ranchi. DFO, Saranda vide letter dated 08.04.2020 raised the differential CA demand of Rs. 70,74,292/- and directed to pay online. The CA demand letter & schemes were uploaded in MoEFCC portal on 29.04.2020. The challan for payment of CA was generated on 29.05.2020 and payment was made on 02.06.2020. Vide letter dated 03.06.2020, DFO, Saranda has been informed regarding CA payment. DFO, Saranda vide letter dated 11.06.2020 submitted the compliance report RCCF, JSR. RCCF, JSR vide letter dated 29.06.2020 forwarded the report to PCCF (Nodal). CF, Chaibasa forwarded the information to RCCF, Jamshedpur which was submitted to PCCF (Nodal), GoJ on 08.12.20. PCCF (Nodal) vide letter dated 11.01.2021 forwarded Addl. Chief Secy. (F, E & CC), GoJ.	EC has been granted by Jharkhand SEIAA, Ranchi on 10.12.2018 for production of 20820 TPA Manganese ore.	
Topailore	09.03.70	31.03.20	14.15	04.03.99	Stage-I FC for 14.15 ha of forest land was granted by MoEF on 30.08.13. Stage-II FC (final approval) has been accorded by Ministry on 04.10.2019. For hand over of forest land proposal for 14.15 ha is pending with Govt. of Jharkhand.	EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015. EC amendment order for selling in open market has been granted by MoEFCC on 19.05.2020. Subsequently, CTE application submitted to JSPCB on 30.05.2020. CTE order issued by JSPCB on 19.06.2020. CTO order issued by JSPCB on 28.07.2020.	
					Lease period has been extended upto 08.03.2040 by Govt of Jharkhand on 23.10.2019 & lease deed executed on		

## STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL

MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)	Status as on March'2021	
						ON	UPTO (in ha)
<b>CHIRIA</b>							
Budhaburu (McLellan)	08.12.45	31.03.20	823.62	16.11.04 (2nd RML)	Stage I FC granted by MoEFCC vide order no.- 8-70/2009-FC dated 7th March 2011. Compliance of Stage-I FC forwarded by State Govt. to MoEF on 22.09.2014. RO, MoEFCC, BBSR inspected the mine and the report was sent to MoEFCC, New Delhi on 24.07.2015. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 10.08.2018 requested GoI to provide some informations. In line with that letter, GOJ asked the same on 31.08.2018 which is under compliance. Special Duty Office (F,E&CC) vide letter dated 1.11.18 directed PCCF, Jharkhand & PCCF (Nodal) with a copy to SAIL to submit the information. The pointwise information (except shape/kml files of CA land) was submitted to DFO, Saranda on 14.11.18. Shape/kml files of the lease area and forest area proposed for diversion and sites identified for CA were submitted to DFO, Saranda by MOM, Chiria on 24.12.18. After verification at different level, the information was forwarded to MoEFCC by Govt. of Jharkhand on 07.06.2019. Matter is pending for grant of Stage-II FC.	EC has been granted by MoEF&CC vide letter no -J-11015/249/2009-IA.II (M) dated 23.03.2011 for enhancement of production capacity to 4.2 MTPA.	
Ajitaburu	07.12.47	06.12.77	323.89	04.12.06 (2nd RML)		EC has been granted by MoEF&CC vide letter no - J-11015/505/ 2007-IA.II (M) dated 31.03.2011 for enhancement of production capacity to 2.8 MTPA.	
Sukri - Latur	22.03.49	21.03.79	609.55	11.03.08 (2nd RML)		EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA.	
Dhobil	08.03.48	07.03.38	513.04	06.03.97 (2nd RML)	Forestry clearance is deemed to be exist upto 2038.	EC has been granted by MoEF vide letter no-J-11015/247/ 2009-IA.II (M) dated 24.01.2012 and amended dated 01.05.12 for production capacity to 0.75 MTPA. The amendment of EC for continuation of ore transportation by road for 5 more years beyond June, 2017 was granted on 19.04.17. Consent to Operate for 0.75 MTPA has been renewed by JSPCB on 09.03.2018 for the period up to 31.03.2022. CTO for Manoharpur siding for dispatch of 2.5 lakhs T/month of iron ore was granted by JSPCB on 08.12.16 for period upto 30.06.2021.	
Tatiburu	01.09.49	31.08.79	38.85	24.08.08 (2nd RML)	Virgin & Non-working lease.No FC	No EC	
Ankua	14.06.82	31.03.20	67.178	18.06.11 (2nd RML)	Virgin & Non-working lease.No FC	No EC	
<b>BARSUA-KALTA</b>							
ML No.-130	Govt. of Odisha vide order dated 02.12.2020 amalgamated ML-130 (2486.383 ha) & ML-162 (77.94 ha) lease covering total area 2564.323 ha. Amalgamated Supplementary Lease Deed for 2564.323 ha executed by GoO on 30.03.2021. The validity of Amalgamated Lease is till 05.01.2030.			Stage-II FC granted by MoEF&CC on 06.03.2013. DFO, Bonai vide letter dated 27.02.18 allowed to take up mining operation over 28.90 ha of forest land under Taldih Block-C. Proposal for felling of tree over an area of 58.75 ha in area-5 of Barsua Part has been approved by DFO, Bonai and for settlement/ strategy of tree felling. Offer issued by M/s OFDC on 2.11.2018 for said proposal & job is under progress.		EC obtained on 29th Oct'10. Amended EC obtained on 30.03.2016 for redistribution of production from Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Taldih to 2.05 Mt/yr. EC amendment order issued by MOEFCC on 03.07.2020 & corriendum dated 13.07.2020. CTE amendment order issued on 25.09.2020. Modified CTO granted on 22.10.2020. Further CTO amended on 08.01.2021 for evacuation of tailings upto 1 MTPA and valid till 31.03.2021. Again, EC amendment for redistribution of production from Kalta & Taldih was submitted on 13.02.2021 & EAC meeting held on 24.02.2021. EC amendment order issued on 17.03.2021. CTO for ML-130 lease of Barsua-Taldih-Kalta mines (8.05 MTPA) was renewed by OSPCB on 25.03.2021 for validity up to 31.03.2022. CTO for Barsua Railway Siding was renewed by OSPCB on 31.03.2021 for validity up to 31.03.2022. CTO for Roxy Railway Siding of Kalta Iron Mine was renewed by OSPCB on 30.03.2020 for validity up to 31.03.2024.	
ML No.-162				Stage-II FC granted on 23.10.17 for diversion of 77.94 ha of forest land.		Ore Beneficiation Plant, Jigging Plant, Conveyors, part of the Tailing Pond located under this lease.	
ML No.-139	17.01.75	16.01.25	25.981	04.01.14	Online Diversion Proposal including safety zone submitted on 22.07.15. On scrutiny of online diversion proposal, DFO noticed some deficiencies and raised query on 26.05.16. Compliance of the query is under process. The matter of identification of CA land was discussed with forest nodal office on 25.10.2018 meeting. CA land over an area of 33.022 ha is under process.	MoEFCC vide letter dated 11.09.2018 accorded TOR and directed to submit EIA/EMP report based on the prescribed TOR. Job is under process for submission to OSPCB for conducting Public Hearing.	
ML No.-227	18.01.84	17.01.04	3.34	04.01.03	Preparation of Diversion Proposal is under progress	Non-working lease.	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL									
MINE	GRANTED	VALID	AREA (in ha)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	Status as on March'2021			
	ON	UPTO					ENVIRON. CLEARANCE (EC)		
<b>BHAWANATHPUR</b>									
GORGON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgaon, Ghagra & Saraiya leases has been approved by SAIL-Board on 30.05.2017. Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval. Vide letters dated 15.10.18, the reply to the IBM query was submitted on 18.10.18.SAIL official met IBM official,				
GHAGHRA	23.10.72	31.03.20	675.68	18.10.11 (2nd RML)	Ranchi on 31.01.19 & 01.02.19 for approval of FMCP wherein IBM directed to submit the Geological Report of three leases for further processing of FMCP's. Geological Reports of three leases were submitted to IBM on 25.02.19 for grant of FMCP. IBM, Ranchi approved the FMCP's for Gorgaon on 08.05.19 and Ghagra & Saraiya leases on 09.05.19. A request letter was submitted to DC, Garhwa through DMO, Garhwa on 15.05.2019 for surrender of Bhawanathpur leases as per Rule 21 (1) of MCR, 2016. Also, another request letter was submitted to Secy (Mines & Geo) on 23.05.2019 for final surrender of Bhawanathpur leases. Certificates regarding implementation of FMCP for Gorgaon and Ghagra leases of Bhawanathpur Limestone Mines obtained from IBM, Ranchi on 27.11.2020. Certificate for Saraya lease is yet to obtain from IBM.				
SARAIYA	31.03.66	31.03.20	275	01.03.07 (3rd RML)					
PURNAPANI	06.01.80	31.03.20	230.53	30.12.98	No forest land involved	Non-working lease. No EC			
GHATITANGAR	29.04.80	28.04.00	153.51	16.04.99	Writ petitions were heard at different dates by the Hon'ble High Court of Orissa which was finally heard on 06.08.2019. The Hon'ble High Court has disposed of the two writ petitions filed by SAIL and asked to makes a representation to State Govt. for redressal of its grievances.	Non-working lease. No EC			
<b>KUTESHWAR</b>									
LEFT BANK LEASE	15.05.82	14.05.22	91.14	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/450/2012-IA.II(M) dated 17.08.2015. CTE for 0.06 MTPA production granted on 10.04.2016. CTO renewed by MPPCB on 02.09.2019 with validity up to 31.07.2021.			
RIGHT BANK LEASE	10.06.71	09.06.21	944.89	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/449/2012-IA.II(M) dated 02.09.2015.CTE granted on 31.12.2015 for 2.32 MTPA expansion. CTO for 2.32 MTPA expansion granted by MPPCB with validity upto 31.01.2020. CTO renewed by MPPCB on 03.02.2021 with validity up to 09.06.2021.			
TULSIDAMAR	30.10.69	31.03.20	118.72	20.10.08 (2nd RML)	Stage-II FC for 101.32 ha under the lease was granted on 18.12.1997. DFO, Garhwa informed SAIL-BNP Mines vide its letter dated 25.03.19 that the validity of FC is co-terminus with lease period i.e. upto 31.03.2020 and further directed to submit the online FC renewal application. FC renewal application (FORM-B) was submitted online in MoEFCC portal on 29.03.19. Thereafter, clarification asked on 16.04.2019 which was replied on 01.06.2019 in online. Also, a clarification has been sought from PCCF & HoFF, GoJ by SAIL on 03.05.19, regarding extension of period of validity of FC granted under Section 2(ii) of FC Act, 1980 for the lease.	EC was granted on 24.03.1995 as per EIA notification 1994. CTO for 25000 TPM (Dolomite) capacity has been renewed by JSPCB on 28.03.17 for the period upto 31.03.2020. CTO for Rly Siding for 25,000 TPA Dolomite and 60,000 TPA Limestone renewed by JSPCB upto 30.06.2020. In compliance to MoEFCC Office memorandum dated 06.04.2018, ToR application under EIA Notification, 2006 has been submitted in Ministry's portal on 31.08.2018.EAC meeting held on 23.01.2019 wherein committee members did not consider the EC granted to mine in 1995. MoEF&CC vide letter dated 19.03.2019 returned the EC proposal and informed that project proponent had not taken EC under the provisions of EIA Notification, 2006 at the time of renewal of mining lease due in 2009. Further, MoEFCC vide separate letters dated 19.03.2019 informed Secretary (Dept. of Mines & Geo), GoJ and Secretary (Dept. of F, E & CC), GoJ for taking further necessary action.In order to avoid any coercive action on account of directions issued by MoEFCC vide letter dtd 19.03.2019 to Jharkhand State Government, Writ Petitions have been filed in Jharkhand High Court on 18.05.2019. Matter is pending at Court.			

**RMD MANPOWER POSITION AS ON 01.04.2021**

	<b>Executives</b>	<b>Non-Executives</b>	<b>Total</b>
<b>A. Ore Mines</b>			
Kiriburu	85	487	572
Meghatuburu	65	463	528
Bolani	89	443	532
Barsua	57	260	317
Kalta	15	55	70
Gua	55	454	509
Chiria	15	48	63
<b>A. Total</b>	<b>381</b>	<b>2210</b>	<b>2591</b>
<b>B. Flux Mines</b>			
Purnapani	0	5	5
Kuteshwar	25	54	79
BNP & TDMR	9	32	41
<b>B. Total</b>	<b>34</b>	<b>91</b>	<b>125</b>
<b>C. Offices</b>			
Kolkata	74	31	105
Rourkela	12	16	28
Bokaro	1	1	2
Durgapur	0	4	4
Delhi	4	2	6
Bhubaneswar	2	2	4
Ranchi	1	2	3
Burnpur	0	1	1
MT	12	NA	12
<b>C. Total</b>	<b>106</b>	<b>59</b>	<b>165</b>
<b>Grand Total (A+B+C)</b>	<b>521</b>	<b>2360</b>	<b>2881</b>
Manpower as on 01.03.2021	521	2378	2899
Reduction(-)/Increase(+)	0	-18	-18

March'21

ACCIDENT STATISTICS OF RMD MINES

	FATAL(in Nos)						SERIOUS(in Nos)						REPORTABLE(in Nos)						MANDAYS LOST(in Days)							
	Mar'21			2020-21			Mar'21			2020-21			Mar'21			2020-21			Mar'21			2020-21				
	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T		
Kiriburu																										
Meghatuburu				1		1																	6000		6000	
Bolani					1	1					2	2								26	26		6102	6102		
Barsua																										
Taldih																										
Kalta																										
Gua																										
Maboharpur																										
Kuteshwar																			1	1				24	24	
Tulsidamar																										
RMD Total				1	1	2					2	2							1	1		26	26	6000	6126	12126

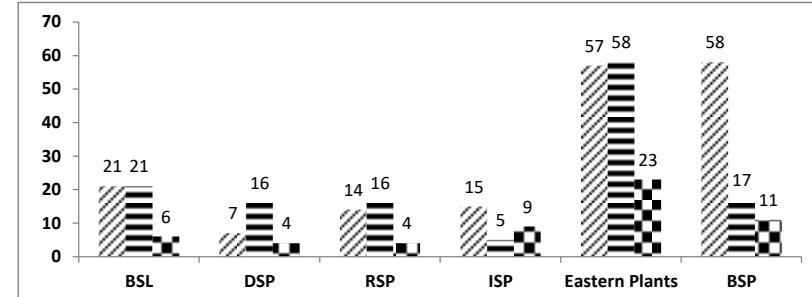
# IRON ORE STOCK INVENTORY BEHAVIOUR

Mar-21

## IRON ORE LUMP

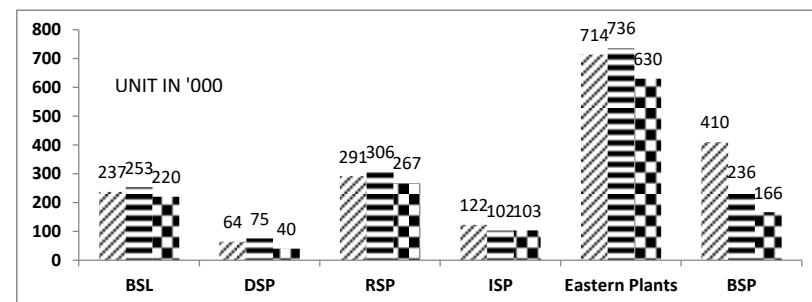
UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2020	01.02.2021	MTH	CUM	MTH	CUM	01.03.2021	MTH	YR
BSL	21	21	237	2432	253	2383	6	-15	-15
DSP	7	16	107	1331	119	1319	4	-12	-3
RSP	14	16	193	2236	167	1849	4	-12	-10
ISP	15	5	117	936	110	885	9	4	-6
<b>Eastern Plants</b>	<b>57</b>	<b>58</b>	<b>653</b>	<b>6935</b>	<b>649</b>	<b>6436</b>	<b>23</b>	<b>-35</b>	<b>-34</b>
BSP	58	17	4	19	378	3194	11	-6	-47
<b>TOT</b>	<b>115</b>	<b>75</b>	<b>657</b>	<b>6954</b>	<b>1027</b>	<b>9630</b>	<b>34</b>	<b>41</b>	<b>81</b>



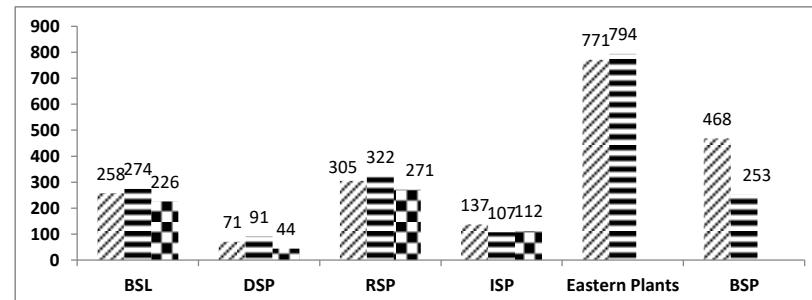
## IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2020	01.02.2021	MTH	CUM	MTH	CUM	01.03.2021	MTH	YR
BSL	237	253	327	3437	381	3582	220	-33	-17
DSP	64	75	144	2172	179	2246	40	-35	-24
RSP	291	306	374	4235	452	4675	267	-39	-24
ISP	122	102	293	2816	304	3047	103	1	-19
<b>Eastern Plants</b>	<b>714</b>	<b>736</b>	<b>1138</b>	<b>12661</b>	<b>1316</b>	<b>13550</b>	<b>630</b>	<b>-106</b>	<b>-84</b>
BSP	410	236	99	583	497	4598	166	-70	-244
<b>TOT</b>	<b>1124</b>	<b>972</b>	<b>1237</b>	<b>13244</b>	<b>1813</b>	<b>18148</b>	<b>796</b>	<b>176</b>	<b>328</b>



## IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2020	01.02.2021	MTH	CUM	MTH	CUM	01.03.2021	MTH	YR
BSL	258	274	564	5869	634	5965	226	-48	-32
DSP	71	91	250	3504	298	3565	44	-47	-27
RSP	305	322	567	6472	619	6524	271	-51	-34
ISP	137	107	410	3751	414	3932	112	5	-25
<b>Eastern Plants</b>	<b>771</b>	<b>794</b>	<b>1791</b>	<b>19596</b>	<b>1965</b>	<b>19986</b>	<b>653</b>	<b>-141</b>	<b>-118</b>
BSP	468	253	103	603	875	7792	177	-76	-291
<b>TOT</b>	<b>1239</b>	<b>1047</b>	<b>1894</b>	<b>20198</b>	<b>2840</b>	<b>27778</b>	<b>830</b>	<b>217</b>	<b>409</b>



\* BSP RECEIPT FROM RMD MINES

# PRODUCTION PERFORMANCE

Mar-21

**हॉट मेटल**

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Mar-20	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	427	381	89	361	6	3760	3787	101	4086	-7
दूर्गापूर	220	217	99	193	12	2160	2272	105	2403	-5
राऊरकेला	364	401	110	309	30	3250	3824	118	3613	6
बर्नपूर	244	238	98	219	9	2500	2091	84	2500	-16
<b>पूर्वी इस्पात संयंत्र</b>	<b>1255</b>	<b>1237</b>	<b>99</b>	<b>1082</b>	<b>14</b>	<b>11670</b>	<b>11974</b>	<b>103</b>	<b>12602</b>	<b>-5</b>
भिलाई	585	520	89	404	29	4946	4594	93	4818	-5
<b>TOTAL</b>	<b>1840</b>	<b>1756</b>	<b>95</b>	<b>1486</b>	<b>18</b>	<b>16616</b>	<b>16567</b>	<b>100</b>	<b>17419</b>	<b>-5</b>

**सिन्तर**

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Mar-20	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	568	558	98	472	18	5238	5010	96	5681	-12
दूर्गापूर	310	317	102	275	15	3065	3324	108	3299	1
राऊरकेला	585	630	108	534	18	5235	6035	115	6014	0
बर्नपूर	354	401	113	323	24	3662	3639	99	3731	-2
<b>पूर्वी इस्पात संयंत्र</b>	<b>1817</b>	<b>1906</b>	<b>105</b>	<b>1605</b>	<b>19</b>	<b>17200</b>	<b>18008</b>	<b>105</b>	<b>18726</b>	<b>-4</b>
भिलाई	875	734	84	602	22	7415	6816	92	7254	-6
<b>TOTAL</b>	<b>2692</b>	<b>2640</b>	<b>98</b>	<b>2207</b>	<b>20</b>	<b>24615</b>	<b>24823</b>	<b>101</b>	<b>25980</b>	<b>-4</b>

**IRON ORE RECEIPT FOR THE MONTH OF MAR-21**

***FIGS IN '000 T***

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	78	40	72	4			7		37		237
DSP			105				2				107
RSP	10	28	3	56	71	25					193
ISP			15				101				117
BSP				4							4
TOT	88	68	195	64	71	25	109		37		657

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	44	157	95				8		23		327
DSP	4		137				2				144
RSP	132	93		56	79	15					374
ISP	8		20				265				293
BSP	99										99
TOT	288	250	252	56	79	15	275		23		1237

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	122	197	166	4			15		59		564
DSP	4		242				4				250
RSP	141	121	3	111	150	40					567
ISP	8		35				366				410
BSP	99			4							103
TOT	375	318	447	119	150	40	385		59		1894

**IRON ORE RECEIPT TILL THE MONTH OF MAR-21**

**FIGS IN '000 T**

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	780	710	540	96	7		7		265	27	2432
DSP			1228			4	100				1331
RSP	51	89	3	576	467	1044			6		2236
ISP			176	9			751				936
BSP				19							19
TOT	831	799	1947	700	474	1048	857		271	27	6954

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1422	981	643	15	12	141	11		212		3437
DSP	76	85	1834				178				2172
RSP	728	791		763	571	1285	32		66		4235
ISP	96	384	370	64			1902				2816
BSP	553					23	7				583
TOT	2875	2241	2847	841	584	1450	2130		277		13244

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	2202	1691	1183	110	19	141	18		477	27	5869
DSP	76	85	3062			4	278				3504
RSP	779	880	3	1339	1038	2329	32		71		6472
ISP	96	384	545	73			2652				3751
BSP	553			19		23	7				603
TOT	3706	3039	4794	1541	1057	2498	2988		549	27	20198

**BASE FREIGHT IN RS PER TONNE FOR TRAIN LOAD**

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
IRON ORE	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
165 CLASS-170 CLASS	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
KRBU(N/B) (FOS)	371	<b>666.60</b>	409	<b>747.70</b>	90	<b>203.50</b>	377	<b>706.90</b>	539	<b>951.20</b>
KRBU(O/B) (SOBK)	371	<b>666.60</b>	409	<b>747.70</b>	90	<b>203.50</b>	377	<b>706.90</b>	539	<b>951.20</b>
MBR (SSMK)	371	<b>666.60</b>	409	<b>747.70</b>	90	<b>203.50</b>	377	<b>706.90</b>	539	<b>951.20</b>
BOLANI (BYFS)	272	<b>508.70</b>	318	<b>587.20</b>	223	<b>467.80</b>	286	<b>549.10</b>	673	<b>1193.30</b>
BARSUA (PBSB)	342	<b>626.90</b>	389	<b>706.90</b>	69	<b>203.50</b>	356	<b>666.60</b>	519	<b>951.20</b>
ROXY (HLSR)	332	<b>626.90</b>	379	<b>706.90</b>	59	<b>203.50</b>	346	<b>626.90</b>	509	<b>951.20</b>
GUA (ISCG)	265	<b>508.70</b>	311	<b>587.20</b>	216	<b>426.80</b>	279	<b>549.10</b>	665	<b>1193.30</b>
MANOHARPUR (IISM)	241	<b>467.60</b>	287	<b>549.10</b>	33	<b>203.50</b>	255	<b>508.70</b>	483	<b>869.20</b>
DALLIRAJHARA (DRZ)	827	<b>1433.00</b>	871	<b>1512.10</b>	533	<b>951.20</b>	832	<b>1433.00</b>	83	<b>203.50</b>

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
FLUX	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
145 CLASS -150 CLASS	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
BHAWANATHPUR (PSBS)	369	<b>585.80</b>	491	<b>763.80</b>	468	<b>476.50</b>	459	<b>727.40</b>	909	<b>1398.20</b>
KHANABANJARI (BLSG)	712	<b>1119.70</b>	834	<b>1259.30</b>	675	<b>1048.70</b>	802	<b>1259.30</b>	496	<b>763.80</b>

**BUSY SEASON FREIGHT IN RS PER TONNE FOR TRAIN LOAD (DPO-15%)**

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
IRON ORE	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
165 CLASS-170 CLASS	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
KRBU(N/B) (FOS)	371	<b>804.92</b>	409	<b>902.85</b>	90	<b>245.73</b>	377	<b>853.58</b>	539	<b>1148.57</b>
KRBU(O/B) (SOBK)	371	<b>804.92</b>	409	<b>902.85</b>	90	<b>245.73</b>	377	<b>853.58</b>	539	<b>1148.57</b>
MBR (SSMK)	371	<b>804.92</b>	409	<b>902.85</b>	90	<b>245.73</b>	377	<b>853.58</b>	539	<b>1148.57</b>
BOLANI (BYFS)	272	<b>614.26</b>	318	<b>709.04</b>	223	<b>564.87</b>	286	<b>663.04</b>	673	<b>1440.91</b>
BARSUA (PBSB)	342	<b>756.98</b>	390	<b>853.58</b>	69	<b>245.73</b>	356	<b>804.92</b>	519	<b>1148.57</b>
ROXY (HLSR)	332	<b>756.98</b>	379	<b>853.58</b>	59	<b>245.73</b>	346	<b>756.98</b>	509	<b>1148.57</b>
GUA (ISCG)	265	<b>614.26</b>	311	<b>709.04</b>	216	<b>515.36</b>	279	<b>663.04</b>	665	<b>1440.91</b>
MANOHARPUR (IISM)	241	<b>564.63</b>	287	<b>663.04</b>	33	<b>245.73</b>	255	<b>614.26</b>	483	<b>1049.56</b>
DALLIRAJHARA (DRZ)	827	<b>1730.35</b>	871	<b>1825.86</b>	533	<b>1148.57</b>	832	<b>1730.35</b>	83	<b>245.73</b>

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
FLUX	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
145 CLASS -150 CLASS	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
BHAWANATHPUR (PSBS)	369	<b>707.35</b>	491	<b>922.29</b>	468	<b>575.37</b>	459	<b>878.34</b>	909	<b>1688.33</b>
KHANABANJARI (BLSG)	712	<b>1352.04</b>	834	<b>1520.60</b>	675	<b>1266.31</b>	802	<b>1520.60</b>	496	<b>922.29</b>