

## RMD MONTHLY INFORMATICS



# JANUARY-2020



PPC  
RMD KOLKATA



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# *Performance Highlights*

## **Production & Despatch:**

- RMD mines has achieved highest monthly Iron ore production: 21.00 Lakh T (97% FF of APP) (previous best Nov'19 20.59 Lakh T) since inception despite shutdown & B/D of Primary crusher of Bolani Ore Mines for 10 days.
- Meghahatuburu, Barsua, Taldih Kalta & Chiria mines has achieved more than 100% of their APP respectively.
- Kalta & Taldih mines has achieved best ever their monthly production @ 2.39 lakh T (119% FF) & 1.38 lakh T (175% FF) respectively.
- Best ever daily production achieved by Kalta mines: 11,281 T on 22<sup>nd</sup> Jan'20.
- RMD mines achieved highest ever monthly Iron ore despatch: 20.53 lakh T (98% FF of APP) previous best May'19 19.45Lakh T.
- RMD mines achieved best ever rakes despatch: 587 Rakes (Previous best May'19:555 Rakes).
- RMD mines achieved best ever rakes/day despatch in any month of iron Ore: 18.94.
- RMD mines achieved best ever rakes despatch in a single day: 23 Rakes on 20<sup>th</sup> Jan 20.
- Kalta & Taldih mines achieved best ever rakes despatch in a month: 65 & 47 Rakes respectively.
- Kalta & Taldih mines achieved best ever despatch in a month: 2.38 & 1.51 lakh T respectively.
- Kuteshwar Limestone Mines achieved best ever rakes despatch in any month of January: 30 Rakes (Previous best Jan'19: 29 Rakes)

# *Performance Highlights*

## **Others:**

- Manoharpur Iron Mines is certified by BSI for Quality Management System (ISO9001:2015), Environment Management System (ISO9001:2015), Occupational health& Safety Management System (ISO45001:2018) on dated 19th January 2020.
- Jhillingburu-II Lease period has been extended up to 11.05.2020 by Government of Jharkhand on 30th Oct 2019 and Lease Deed executed on 17th January 2020 and registration done on 22nd January 2020.
- Topailore Lease period has been extended up to 08.03.2040 by Government of Jharkhand on 23rd Oct 2019 and Lease Deed executed on 17th January 2020 and registration done on 22nd January 2020.

## Rake Despatch Performance

Unit: Nos of Rake

MINES	FOR THE MONTH OF - Jan- 20					19-20 TILL THE MONTH OF Jan- 20				
	CBT	ACT	%FF	Jan- 19	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
KIRIBURU	90	87	97	86	1	1104	906	82	890	2
MEGHATUBURU	85	94	111	87	8	1066	887	83	841	5
BOLANI	135	130	96	127	2	1500	1351	90	1310	3
BARSUA	50	52	104	55	-5	470	430	91	379	13
TALDIH	40	47	118			250	242	97	82	195
KALTA	55	65	118	43	51	520	364	70	371	-2
GUA	100	95	95	90	6	985	851	86	887	-4
CHIRIA	15	17	113	24	-29	165	164	99	172	-5
RMD TOTAL	<b>570</b>	<b>587</b>	<b>103</b>	<b>512</b>	<b>15</b>	<b>6060</b>	<b>5195</b>	<b>86</b>	<b>4932</b>	<b>5</b>

PLANTS	COMM	FOR THE MONTH OF - Jan- 20					19-20 TILL THE MONTH OF Jan- 20				
		CBT	ACT	%FF	Jan- 19	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
BSL	LUMP		60.2		59.0	2		580.7	0.0	536.0	8
	FINES		87.8		94.0	-7		934.3	0.0	948.0	-1
	TOTAL	<b>160</b>	<b>148.0</b>	<b>93</b>	<b>153.0</b>	<b>-3</b>	<b>1852</b>	<b>1515.0</b>	<b>82</b>	<b>1484.0</b>	<b>2</b>
DSP	LUMP		38.3		22.0	74		338.1	0	333.0	2
	FINES		62.7		49.0	28		585.9	0	662.0	-11
	TOTAL	<b>95</b>	<b>101.0</b>	<b>106</b>	<b>71.0</b>	<b>42</b>	<b>1058</b>	<b>924.0</b>	<b>87</b>	<b>995.0</b>	<b>-7</b>
RSP	LUMP		67.0		60.0	12		574.7	0	560.0	3
	FINES		100.0		99.0	1		895.3	0	921.0	-3
	TOTAL	<b>165</b>	<b>167.0</b>	<b>101</b>	<b>159.0</b>	<b>5</b>	<b>1548</b>	<b>1470.0</b>	<b>95</b>	<b>1481.0</b>	<b>-1</b>
ISP	LUMP		30.0		38.0	-21		260.8	0	270.0	-3
	FINES		107.0		90.0	19		801.2	0	684.0	17
	TOTAL	<b>120</b>	<b>137.0</b>	<b>114</b>	<b>128.0</b>	<b>7</b>	<b>1317</b>	<b>1062.0</b>	<b>81</b>	<b>954.0</b>	<b>11</b>
BSP	LUMP		0.00			0			0		0
	FINES		34.0		1.0	3300		224.0	0	18.0	1144
	TOTAL	<b>30</b>	<b>34.0</b>	<b>113</b>	<b>1.0</b>	<b>3300</b>	<b>285</b>	<b>224.0</b>	<b>79</b>	<b>18.0</b>	<b>1144</b>
SAIL TOTAL	LUMP		195.5		179.0	9		1754.3	0	1699.0	3
	FINES		391.5		333.0	18		3440.7		3233.0	6
	TOTAL	<b>570</b>	<b>587.0</b>	<b>103</b>	<b>512.0</b>	<b>15</b>	<b>6060</b>	<b>5195.0</b>	<b>86</b>	<b>4932.0</b>	<b>5</b>

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

January 2020

UNIT 000 TONNES

**PRODUCTION**

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2019-20	TGT	ACT	%FF	LAST YR Jan 2019		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	1150	105	85	81.1	84	1.3	945	894	94.58	825	8.3	
	F	3350	300	259	86.4	222	16.8	2745	2337	85.15	2420	-3.4	
	T	4500	405	344	85.0	306	12.6	3690	3231	87.57	3245	-0.4	70
MEGHAHATUBURU 5000	L	875	75	104	138.0	84	23.3	730	836	114.6	850	-1.6	
	F	2625	235	275	116.9	262	4.8	2180	2249	103.2	2163	4.0	
	T	3500	310	378	122.0	346	9.3	2910	3086	106	3013	2.4	74
BOLANI 6500	L	2586	240	123	51.3	169	-27.3	2125	1818	85.56	1812	0.3	
	F	3914	370	322	87.0	252	27.7	3205	3207	100.1	2677	19.8	
	T	6500	610	445	72.9	421	5.6	5330	5025	94.28	4489	11.9	93
BARSUA 2500	L	803	45	81	180.6	56	44.5	670	561	83.7	447	25.5	
	F	1697	95	74	77.9	119	-38.0	1405	803	57.14	1023	-21.5	
	T	2500	140	155	110.9	176	-11.6	2075	1364	65.72	1470	-7.2	65
TALDIH 1000	L	332	28	54	194.1			277	338	122.1	173	95.9	
	F	618	51	84	164.7			516	505	97.93	105	380.2	
	T	950	79	138	175.1			793	844	106.4	278	203.5	101
KALTA 2500	L	1229	110	95	86.0	86	10.5	1025	619	60.41	719	-13.9	
	F	1071	91	145	159.2	67	116.2	891	628	70.43	625	0.4	
	T	2300	201	239	119.1	153	56.9	1916	1247	65.07	1344	-7.2	60
GUA 4000	L	1130	100	90	90.0	89	0.8	940	836	88.97	865	-3.3	
	F	2870	250	243	97.1	222	9.2	2390	2158	90.31	2213	-2.5	
	T	4000	350	333	95.0	311	6.8	3330	2995	89.93	3079	-2.7	90
MANOHARPUR 750	L	375	32	32	99.7	43	-26.3	316	295	93.31	339	-12.9	
	F	375	32	35	109.1	37	-6.1	316	314	99.38	283	11.1	
	T	750	64	67	104.4	80	-17.0	632	609	96.34	621	-2.0	47
TOTAL 27750	L	8480	735	664	90.3	612	8.5	7028	6198	88.19	6030	2.8	
	F	16520	1424	1436	100.9	1182	21.5	13648	12201	89.4	11509	6.0	
	T	25000	2159	2100	97.3	1793	17.1	20676	18399	88.99	17539	4.9	80

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

January 2020

UNIT 000 TONNES

**DESPATCHES**

MINE	COMM.	PLAN	FOR THE MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES		
		2019-20	TGT	ACT	%FF	LAST YR		TGT	ACT	%FF	LAST YR		AS ON		
						Jan 2019							YEAR BEGN.	MTH BEGN.	MTH END
KIRIBURU	L	1150	105	82	77.9	78	4.6	945	886	93.78	831	6.7	15	20	28
	F	3350	270	241	89.3	234	3.0	2795	2381	85.19	2390	-0.4	1064	1003	1021
	T	4500	375	323	86.1	312	3.4	3740	3267	87.36	3221	1.5	1079	1023	1049
MEGHAHATUBURU	L	875	70	106	151.7	98	8.2	750	893	119	840	6.3	97	40	32
	F	2625	228	243	106.7	221	9.9	2220	2413	108.7	2255	7.0	501	274	302
	T	3500	298	349	117.2	319	9.4	2970	3305	111.3	3095	6.8	598	314	334
BOLANI	L	2586	235	148	63.2	176	-15.7	2130	1834	86.12	1822	0.7	127	129	106
	F	3914	345	309	89.6	260	18.7	3245	3037	93.6	2781	9.2	1617	1762	1779
	T	6500	580	457	78.9	436	4.8	5375	4872	90.63	4603	5.8	1744	1891	1885
BARSUA	L	803	45	78	173.6	67	17.0	670	565	84.35	449	26.0	19	14	12
	F	1697	95	87	91.4	122	-28.6	1405	863	61.42	839	2.9	284	230	220
	T	2500	140	165	117.8	188	-12.4	2075	1428	68.82	1287	10.9	303	244	232
TALDIH	L	332	28	61	219.6			277	330	119	176	87.7	17	45	25
	F	618	51	90	176.0			516	474	91.86	103	359.5	27	71	21
	T	950	79	151	191.4			793	804	101.3	279	188.3	44	116	46
KALTA	L	1229	110	97	88.3	84	16.0	1025	654	63.78	718	-8.9	35	6	11
	F	1071	91	141	154.8	73	92.6	891	669	75.13	617	8.4	53	9	13
	T	2300	201	238	118.4	157	51.7	1916	1323	69.06	1335	-0.9	88	15	24
GUA	L	1130	100	96	96.5	93	3.7	940	749	79.65	905	-17.3	26	35	45
	F	2870	250	210	83.9	191	9.9	2390	1995	83.48	1974	1.1	141	239	254
	T	4000	350	306	87.5	284	7.8	3330	2744	82.4	2880	-4.7	167	274	299
MANOHARPUR	L	375	32	30	94.3	49	-38.3	316	295	93.38	352	-16.1			
	F	375	32	33	103.1	36	-7.8	316	302	95.7	284	6.7	3	8	9
	T	750	64	63	98.7	85	-25.4	632	598	94.54	635	-5.9	3	8	9
TOTAL	L	8480	725	700	96.5	645	8.5	7053	6206	87.98	6092	1.9	336	289	259
	F	16520	1362	1353	99.4	1137	19.0	13778	12135	88.07	11243	7.9	3690	3596	3619
	T	25000	2087	2053	98.4	1782	15.2	20831	18340	88.04	17334	5.8	4026	3885	3878

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

**January 2020**

**UNIT 000 TE**

**DEVELOPMENT**

FOR MONTH			LAST YR Jan 2019	GRTH %	TILL MONTH			LAST YR	GRTH % LSTYR
TGT	ACT	%FF			TGT	ACT	%FF		

KIRIBURU	310	71	23	204	-65	2120	1145	54	1050	9
MEGHAHATUBURU	440	323	73	282	15	3610	2910	81	2408	21
BOLANI	370	433	117	314	38	3610	1847	51	2617	-29
BARSUA	170	56	33	45	24	1420	483	34	294	65
TALDIH	78	59	75			757	389	51	65	496
KALTA							234			
GUA	330	75	23	200	-63	2850	584	20	1901	-69
MANOHARPUR							12		1	1029
<b>TOTAL</b>	<b>1698</b>	<b>1016</b>	<b>60</b>	<b>1045</b>	<b>-3</b>	<b>14367</b>	<b>7605</b>	<b>53</b>	<b>8336</b>	<b>-8.8</b>

**ROM**

KIRIBURU	405	344	85	306	13	3690	3232	88	3245	0
MEGHAHATUBURU	310	353	114	332	6	3260	3215	99	3190	1
BOLANI	610	434	71	406	7	5330	5002	94	4515	11
BARSUA	160	160	100	187	-15	2275	1403	62	1534	-9
TALDIH	79	158	199			793	891	112	443	101
KALTA	201	252	125	138	82	1916	1386	72	1323	5
GUA	350	333	95	311	7	3330	2995	90	3079	-3
MANOHARPUR	64	67	104	80	-17	632	609	96	621	-2
<b>TOTAL</b>	<b>2179</b>	<b>2099</b>	<b>96</b>	<b>1761</b>	<b>19</b>	<b>21226</b>	<b>18733</b>	<b>88</b>	<b>17949</b>	<b>4</b>

**TOTAL EXCAVATION**

KIRIBURU	715	415	58	510	-19	5810	4376	75	4295	2
MEGHAHATUBURU	750	675	90	613	10	6870	6126	89	5598	9
BOLANI	980	866	88	719	20	8940	6850	77	7132	-4
BARSUA	330	217	66	233	-7	3695	1887	51	1827	3
TALDIH	157	216	138			1550	1280	83	508	152
KALTA	201	252	125	138	82	1916	1620	85	1323	23
GUA	680	407	60	511	-20	6180	3579	58	4980	-28
MANOHARPUR	64	67	104	80	-17	632	621	98	622	0
<b>TOTAL</b>	<b>3877</b>	<b>3116</b>	<b>80</b>	<b>2805</b>	<b>11</b>	<b>35593</b>	<b>26338</b>	<b>74</b>	<b>26285</b>	<b>0</b>

# Performance against Last Year

Unit in Te

	PREVIOUS YEAR EXCAVATION PERFORMANCE 2018-19																										
	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-18	414550	277830	136720	579990	299790	280200	693432	308108	385324	2365		2365	121796	98306	23490	141140	141140		532303	341000	191303	18700	18700		2504276	1484874	1019402
May-18	464760	365490	99270	660790	297090	363700	697182	468363	228819	109405	88915	20490	111636	89676	21960	144020	144020		571268	341100	230168	70140	70140		2829201	1864794	964407
Jun-18	538824	346680	192144	595770	262170	333600	705132	485008	220124	197559	181049	16510	94690	79030	15660	117100	117100		431453	325310	106143	65968	64914	1054	2746496	1861261	885235
Jul-18	343980	310230	33750	489910	315810	174100	605878	449568	156310	157244	141135	16109	75485	71255	4230	89100	89100		486783	322650	164133	46439	46439		2294819	1746187	548632
Aug-18	346140	314280	31860	606930	358830	248100	706618	424818	281800	190450	155765	34685	60770	60770		127600	127600		490050	300060	189990	50834	50834		2579392	1792957	786435
Sep-18	373230	285570	87660	471450	298350	173100	649401	453150	196251	203212	177207	26005	21547	21547		108600	108600		487898	302090	185808	55376	55376		2370714	1701890	668824
Oct-18	418500	350550	67950	523280	378180	145100	786217	521929	264288	247501	211921	35580	22324	22324		142200	142200		485099	294520	190579	67291	67291		2692412	1988915	703497
Nov-18	441720	360270	81450	492930	336330	156600	761408	499367	262041	247874	201574	46300			150700	150700		487353	229860	257493	76423	76423		2658408	1854524	803884	
Dec-18	443200	327960	115240	564210	312210	252000	806853	498720	308133	238931	188861	50070			164150	164150		496305	310590	185715	90699	90699		2804348	1893190	911158	
Jan-19	510090	305910	204180	613150	331650	281500	719382	405729	313653	232940	187484	45456			137900	137900		511350	311400	199950	80464	80464		2805276	1760537	1044739	
Total	4294994	3244770	1050224	5598410	3190410	2408000	7131503	4514760	2616743	1827481	1533911	293570	508248	442908	65340	1322510	1322510		4979862	3078580	1901282	622334	621280	1054	26285343	17949129	8336213

THIS YEAR EXCAVATION PERFORMANCE 2019-20

	THIS 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	176200	176200		334980	290790	44190	92799	84005	8794	2442003	1782379	659624
May-19	513762	305010	208752	600080	348300	251780	677697	570506	107191	256843	180023	76820	53438	53438		159400	159400		373590	292950	80640	62702	61609	1093	2697512	1971236	726276
Jun-19	518580	360630	157950	611100	335430	275670	736765	583665	153100	219139	160464	58675	87789	45903	41886	129100	129100		355590	312750	42840	37068	35059	2009	2695131	1963001	732130
Jul-19	462420	359820	102600	596481	317610	278871	666320	548798	117522	210022	158842	51180	116769	73281	43488	84200	84200		319140	293490	25650	47976	47976		2503328	1884017	619311
Aug-19	410850	320490	90360	578915	350100	228815	599032	493051	105981	187353	135788	51565	63168	41820	21348	27700	27700		378630	322830	55800	65108	65108		2310756	1756887	553869
Sep-19	370170	297810	72360	603920	309330	294590	586581	277302	309279	165141	116906	48235	127412	85008	42404	26700	26700		385250	286830	98420	46629	46629		2311803	1446515	865288
Oct-19	403290	337680	65610	635372	327510	307862	565753	437635	128118	199221	144171	55050	137310	91285	46025	11											

# Performance against Last Year

Unit in Te	PREVIOUS YEAR PRODUCTION PERFORMANCE 2018-19																											
	Kiriburu			Meghahatuburu			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-18	73813	204017	277830	82542	217606	300148	93647	217222	310869				39333	29869	69202	79217	88549	167766	92820	248180	341000	18700		18700	480072	1005443	1485515	
May-18	83313	282177	365490	86157	217474	303631	184358	276615	460973	23342	65573	88915	35870	35918	71788	74843	71871	146714	94338	246762	341100	44310	25830	70140	626531	1222220	1848751	
Jun-18	75868	270812	346680	68642	235470	304112	185256	292582	477838	50900	129999	180899	31623	13503	45126	61887	45438	107325	94500	230810	325310	33310	31604	64914	601986	1250218	1852204	
Jul-18	86553	223677	310230	86047	135257	221304	193161	251857	445018	46105	85412	131517	28502	15190	43692	48711	16190	64901	96275	226375	322650	18981	27458	46439	604335	981416	1585751	
Aug-18	90540	223740	314280	137381	135108	272489	188120	219138	407258	47165	99358	146523	24308	664	24972	78855	52463	131318	84805	215255	300060	31619	19215	50834	682793	964941	1647734	
Sep-18	78941	206629	285570	80208	173058	253266	169437	269053	438490	50684	120045	170729	6464	10116	16580	62818	44316	107134	81045	221045	302090	35682	19694	55376	565279	1063956	1629235	
Oct-18	85742	264808	350550	90090	270372	360462	217696	286553	504249	55820	148752	204572	6697		6697	74938	76859	151797	79019	215501	294520	31869	35426	67295	641871	1298271	1940142	
Nov-18	77609	282661	360270	78050	248001	326051	197315	302994	500309	59480	132533	192013				73715	80549	154264	64574	165286	229860	38186	38237	76423	588929	1250261	1839190	
Dec-17	88627	239333	327960	56850	268455	325305	214101	309079	523180	57138	121680	178818				78390	81905	160295	88456	222134	310590	42698	48001	90699	626260	1290587	1916847	
Jan-18	84028	221882	305910	83966	262153	346119	169291	252008	421299	56244	119359	175603				85644	67001	152645	89270	222130	311400	43292	37172	80464	611735	1181705	1793440	
Total	825034	2419736	3244770	849933	2162954	3012887	1812382	2677101	4489483	446878	1022711	1469589	172797	105260	278057	719017	625141	1344158	865102	2213478	3078580	338647	282637	621284	6029791	11509018	17538809	

Unit in Te	THIS YEAR PRODUCTION PERFORMANCE 2019-20																											
	Kiriburu			Meghahatuburu			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	263700	336635	215460	379261	594721	90186	89837	180023	27238	21392	48630	68818	82737	151555	86275	206675	292950	25831	35778	61609	667206	1303927	1971133	
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																				

# Performance against Last Year

Unit in Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2018-19																										
	Kiriburu			Meghahatuburu			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-18	83370	219106	302476	124184	208457	332641	121767	314857	436624	41799	23872	65671	72764	88815	161579	110181	207154	317335	18434	18434	572499	1062261	1634760				
May-18	86809	224690	311499	90587	221302	311889	143299	321339	464638	11027	13401	24428	28797	33720	62517	72019	67164	139183	105181	173192	278373	48609	22053	70662	586328	1076861	1663189
Jun-18	77029	251775	328804	55535	254983	310518	233646	310958	544604	48990	69219	118209	36341	16492	52833	71150	57334	128484	97799	171704	269503	30731	33316	64047	651221	1165781	1817002
Jul-18	86744	222210	308954	86332	189169	275501	196074	277784	473858	49665	110036	159701	32062	14194	46256	46764	14455	61219	99794	213607	313401	22688	26287	48975	620123	1067742	1687865
Aug-18	70849	232280	303129	103720	211329	315049	195435	210652	406087	34538	112653	147191	10639		10639	79638	39235	118873	89921	225752	315673	26029	19246	45275	610769	1051147	1661916
Sep-18	82155	272635	354790	83990	211535	295525	175113	220309	395422	42903	86578	129482	3846	14883	18729	57156	57061	114217	70118	204300	274418	42425	23236	65661	557706	1090537	1648244
Oct-18	79501	257678	337179	50670	243433	294103	161384	273019	434403	63013	93967	156980	22076		22076	78468	75139	153607	73948	210812	284760	29102	34024	63126	558162	1188072	1746234
Nov-18	89635	249059	338694	57001	262146	319147	178349	315854	494204	60598	122130	182727				75421	71650	147071	68147	177431	245578	43263	35319	78582	572414	1233589	1806004
Dec-18	96283	226587	322870	89749	230962	320711	241156	275462	516618	71030	109351	180381				80692	73238	153929	97134	199377	296511	41377	54287	95664	717421	1169264	1886685
Jan-19	78200	234023	312222	98090	221374	319464	176143	260300	436443	66788	121544	188332				83718	73117	156835	93045	190924	283969	48926	35773	84699	644910	1137054	1781963
Total	830575	2390043	3220617	839858	2254690	3094548	1822367	2780534	4602901	448552	838879	1287431	175560	103161	278721	717790	617208	1334998	905268	1974253	2879521	351584	283541	635125	6091554	11242308	17333862

THIS YEAR DESPATCH PERFORMANCE 2019-20																											
Kiriburu			Meghahatuburu			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</														

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**January 2020**

**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	35	59	169	270	258	95	300	-14	40	152	380	425	1111	261	878	26	75	211	282	695	1369	197	1178	16
MBR	45	102	228	490	542	111	305	78	90	108	120	839	904	108	861	5	135	210	156	1329	1445	109	1166	24
BOL	65	3	5	540	444	82	608	-27	100	23	23	760	411	54	534	-23	165	27	16	1300	855	66	1142	-25
BAR	45	3	8	575	384	67	162	138	30	10	34	908	612	67	664	-8	75	14	18	1483	997	67	826	21
TAL	15			150	179	120	36	393	40			268	131	49	103	27	55			418	311	74	140	123
KAL	45	26	57	445	29	7	308	-90	35	20	56	239	73	30	120	-39	80	46	57	684	102	15	428	-76
GUA	15	7	46	60	39	64	31	24	6	10	162	68	97	142	95	2	21	17	79	128	135	106	126	8
MPR	11	30	274	83	226	272	219	3	15			150	88	59	189	-53	26	30	116	233	314	135	408	-23
RMD TOT	276	231	84	2613	2101	80	1969	7	356	323	91	3657	3427	94	3444	0	632	554	88	6270	5528	88	5413	2
DRZ																								
PUR																								
GR TOT	276	231	84	2613	2101	80	1969	7	356	323	91	3657	3427	94	3444	0	632	554	88	6270	5528	88	5413	2

**FLUXES**

KTR	40	44	111	400	404	101	290	39
TDMR	8	8	102	64	62	96	58	6
TOT	48	52	109	464	465	100	348	34

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

January 2020

दूर्गापूर 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																								
MBR				5			7	-32	8	20	245	76	195	257	105	87	8	20	245	76	200	263	112	79
BOL	130	119	92	1184	1026	87	872	18	158	195	123	1603	1630	102	1408	16	288	314	109	2787	2655	95	2280	16
BAR		8			8													8			8			
TAL																								
KAL																								
GUA	15	8	53	240	186	77	330	-44	50	10	20	500	335	67	728	-54	65	18	27	740	521	70	1058	-51
MPR																								
RMD TOT	145	135	93	1424	1224	86	1209	1	216	224	104	2179	2160	99	2241	-4	361	359	99	3603	3384	94	3450	-2
DRZ																								
PUR																								
GR TOT	145	135	93	1424	1224	86	1209	1	216	224	104	2179	2160	99	2241	-4	361	359	99	3603	3384	94	3450	-2

**FLUXES**

KTR	4	4	100	60	36	60	36	0
TDMR								
TOT	4	4	100	60	36	60	36	0

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

January 2020

रात्रकेला 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	70	23	32	675	629	93	531	18	100	7	7	1070	886	83	1453	-39	170	30	18	1745	1515	87	1984	-24	
MBR	25	4	15	260	346	133	525	-34	100	43	43	985	906	92	1122	-19	125	47	37	1245	1252	101	1647	-24	
BOL																									
BAR		67		95	173	182	287	-40	65	77	118	497	250	50	174	44	65	144	221	592	423	72	461	-8	
TAL	13	61	473	127	150	118	139	8	11	90	816	248	343	138			24	151	630	375	493	131	139	254	
KAL	65	71	110	580	624	108	410	52	56	87	155	652	555	85	498	12	121	158	130	1232	1179	96	907	30	
GUA														11									11		
MPR				10	65	655	93	-30	17	33	194	166	209	126	60	249	17	33	194	176	274	156	153	79	
RMD TOT	173	226	131	1747	1988	114	1985	0	349	336	96	3618	3159	87	3307	-4	522	562	108	5365	5147	96	5292	-3	
PUR																									
DRZ								6	-100														6	-100	
GR TOT	173	226	131	1747	1988	114	1991	0	349	336	96	3618	3159	87	3307	-4	522	562	108	5365	5147	96	5298	-3	

FLUXES

KTR	16	24	148	116	227	196	83	174
TDMR	6	8	129	41	22	54	19	17
TOT	22	31	143	157	250	159	102	145

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**  
**January 2020**  
**बर्नपूर 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																3	-100						3	-100	
MBR							3	-100		73			408		159	157		73		408			162	152	
BOL	40	26	65	406	365	90	343	7	72	91	126	737	996	135	839	19	112	117	104	1143	1361	119	1181	15	
BAR																									
TAL																									
KAL																									
GUA	70	82	117	640	524	82	544	-4	194	183	94	1822	1196	66	1152	4	264	264	100	2462	1720	70	1696	1	
MPR	21			223	3	2	39	-91							3		35	-91	21		223	7	3	74	-91
RMD TOT	131	108	82	1269	893	70	929	-4	266	346	130	2559	2603	102	2187	19	397	453	114	3828	3496	91	3116	12	
DRZ																									
PUR																									
GR TOT	131	108	82	1269	893	70	929	-4	266	346	130	2559	2603	102	2187	19	397	453	114	3828	3496	91	3116	12	

FLUXES

KTR								
TDMR							5	-100
TOT							5	-100

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

January 2020

भिलाई 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									100	82	82	1000	384	38	55	596	100	82	82	1000	384	38	55	596		
MBR																8	-100							8	-100	
BOL																										
BAR																										
TAL																										
KAL										34				42					34				42			
GUA											8			357						8			357			
MPR														3										3		
RMD TOT									100	124	124	1000	785	79	63	1148	100	124	124	1000	785	79	63	1148		
DRZ																										
PUR																										
GR TOT									100	124	124	1000	785	79	63	1148	100	124	124	1000	785	79	63	1148		

**FLUXES**

KTR	44	48	108	416	453	109	372	22
TDMR	8	4	52	62	38	62	112	-66
TOT	52	52	99	478	491	103	484	2

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**January 2020**

**BSL+DSP+RSP+ISP+BSP**

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	105	82	78	945	886	94	831	7	240	241	100	2495	2381	95	2390	0	345	323	94	3440	3267	95	3221	1
MBR	70	106	152	750	893	119	840	6	198	243	123	1900	2413	127	2255	7	268	349	130	2650	3305	125	3095	7
BOL	235	148	63	2130	1834	86	1822	1	330	309	94	3100	3037	98	2781	9	565	457	81	5230	4872	93	4603	6
BAR	45	78	174	670	565	84	449	26	95	87	91	1405	863	61	839	3	140	165	118	2075	1428	69	1287	11
TAL	28	61	220	277	330	119	176	88	51	90	176	516	474	92	103	359	79	151	191	793	804	101	279	188
KAL	110	97	88	1025	654	64	718	-9	91	141	155	891	669	75	617	8	201	238	118	1916	1323	69	1335	-1
GUA	100	96	96	940	749	80	905	-17	250	210	84	2390	1995	83	1974	1	350	306	87	3330	2744	82	2880	-5
MPR	32	30	94	316	295	93	352	-16	32	33	103	316	302	96	284	7	64	63	99	632	598	95	635	-6
RMD TOT	725	700	97	7053	6206	88	6092	2	1287	1353	105	13013	12135	93	11243	8	2012	2053	102	20066	18340	91	17334	6
PUR																								
DRZ							6	-100														6	-100	
GR TOT	725	700	97	7053	6206	88	6098	2	1287	1353	105	13013	12135	93	11243	8	2012	2053	102	20066	18340	91	17340	6

**FLUXES**

KTR	104	119	115	992	1120	113	780	43
TDMR	22	20	91	167	122	73	195	-37
TOT	126	140	111	1159	1242	107	975	27

## FLUX MINES OPERATIONS

**January 2020**

UNIT 000 TONNES

### PRODUCTION

MINE		PLAN	FOR THE MONTH				GRTH % OVER LSTYR Jan 2019	TILL THE MONTH				GRTH % OVER LSTYR
		2019-20	TGT	ACT	%FF	LAST YR Jan 2019		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1200	105	116	110.8	117	-0.6	995	1123	112.8	772	45.4
TULSIDAMAR	DOLO	210	22	16	71.0	12	26.2	167	158	94.84	152	4.0
RMD TOTAL		1410	127	132	103.9	129	2.0	1162	1281	110.2	924	38.6

### DESPATCHES

MINE		PLAN	FOR THE MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR
		2019-20	TGT	ACT	%FF	LAST YR		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1200	104	119	114.9	111	7.5	992	1120	112.9	780	43.5
TULSIDAMAR	DOLO	210	22	20	91.0	28	-27.5	167	122	73.21	195	-37.2
RMD TOTAL		1410	126	140	110.7	139	0.5	1159	1242	107.2	975	27.4

## Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2018-19					
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-18	65066	71776	13836	22043	78902	93819
May-18	75105	87834	14281	12953	89386	100787
Jun-18	98203	86914	15876	21881	114079	108795
Jul-18	81536	79424	12834	20622	94370	100046
Aug-18	46162	47466	14831	26918	60993	74384
Sep-18	78218	79007	19986	12059	98204	91066
Oct-18	60349	66898	14957	14969	75306	81867
Nov-18	53239	58462	16047	11375	69286	69837
Dec-18	97046	91443	17334	24303	114380	115746
Jan-19	117022	111178	12374	27611	129396	138789
Total	771946	780401	152356	194734	924302	975135

THIS 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	124345	127962	17721	4121	142066	132083
Oct-19	109201	110791	16712	21181	125913	131972
Nov-19	126203	120158	14231	3782	140434	123939
Dec-19	106377	99972	18565	12006	124942	111978
Jan-20	116321	119497	15613	20017	131934	139514
Total	1122486	1119613	158413	121937	1280899	1241551

Over Last Year

DIFF	350540	339212	6057	-72797	356597	266415
%Chg	45.4	43.5	4.0	-37.4	38.6	27.3

**QUALITY ANALYSED AT PLANT**

**January 2020**

**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	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	30	18	5	5	10	
	MTH ACT	62.63	3.46	2.1	19.7	21.38	61.14	4.82	2.86	8.78	33.79		27.36	16.28	5.69	4.35	8.23	
CUM	2019-20	62.67	3.47	2.01	21.79	17.66	61.53	4.44	2.59	8.57	32.78	CUM	2019-20	27.02	17.15	5.54	5.18	8.02
CUM	2018-19	62.69	3.48	1.81	15.13	18.65	62.07	3.84	2.37	9.88	30.63	CUM	2018-19	28.68	18.79	5.17	5.05	9.06

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	50	2.25	3.5	5	5	
	MTH ACT	62.73	3.49	1.99	17.03	23.3	61.38	5.27	2.15	6.35	35.16		42.93	4.09	3.98	11.19	16.23	
CUM	2019-20	62.84	3.31	1.95	17.87	19.83	61.47	4.77	2.42	6.09	34.92	CUM	2019-20	43.13	3.90	3.62	10.52	17.35
CUM	2018-19	62.89	3.14	1.89	14.94	19.89	61.79	4.19	2.47	5.29	35.44	CUM	2018-19	43.69	2.42	3.53	6.85	22.69

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40						
	MTH ACT	62.74	2.93	2.38	18.12	21.76	61.34	4.6	2.7	6.16	38.94						
CUM	2019-20	61.7	2.67	2.03	18.07	19.25	60.29	3.77	2.54	4.12	37.29						
CUM	2018-19	63.14	2.75	1.87	20.18	18.68	62.37	3.44	2.22	3.03	41.02						

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30						
	MTH ACT	62.62	3.42	2.21	22.87	17.73	61.57	4.39	2.67	6.49	35.93						
CUM	2019-20	62.98	2.66	2.24	21.06	17.44	61.68	4.03	2.71	6.37	35.1						
CUM	2018-19	62.96	2.87	2.03	20.19	17.09	61.9	3.62	2.66	5.89	34.49						

BAR	NORM	62.5	2.9	3	10	10	62	3.5	3	5	30						
	MTH ACT	62.38	2.5	3.35	15.85	19.4	60.41	5.08	3.9	5.78	36.5						
CUM	2019-20	62.71	2.56	2.77	18.86	16.77	61.14	4.08	3.54	6.27	33.69						
CUM	2018-19	62.75	2.28	2.97	20.11	17.79	61.52	3.47	3.6	6.1	34.36						

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40						
	MTH ACT	62.43	2.7	3.2	10.22	30.08	61.41	4.54	2.99	7.14	38.98						
CUM	2019-20	62.74	2.57	2.95	9.92	26.98	62.26	3.63	2.47	5.4	34.97						
CUM	2018-19	63.76	2.13	2.06	6.64	12.96	63.31	2.45	2.27	4.49	29.85						

MPR	NORM	63			10	10	63			5	40						
	MTH ACT	63.71	2.11	2.12	11.16	9.33											
CUM	2019-20	63.64	2.13	2.02	11.27	10.02	62.83	3.22	2.07	4.62	29.2						
CUM	2018-19	63.78	2.07	1.91	13	10.83	63.29	2.48	2.19	4.53	29.54						

TAL	NORM	62.5			5	10	62			5	40						
	MTH ACT	63.25	2.16	2.44	12.18	11.5	61.23	4.74	2.75	4.67	31.13						
CUM	2019-20	63.2	2.27	2.3	10.64	11	61.81	3.82	2.8	5.04	30.14						
CUM	2018-19	63.31	2.42	2.14	12.11	14.44	62.53	2.87	3.02	4.9	30.39						

**QUALITY ANALYSED AT PLANT**

**January 2020**

**दूर्गापूर 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%
MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT						62.32	4.82	2.00	5.30	47.03		MTH ACT					
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	45.59	1.74	4.16	12.58	25.24
CUM	2018-19	61.14	2.53	1.95	17.13	4.09	61.58	5.04	2.2	4.04	47.09	CUM	2018-19	46.79	2.11	3.99	18.2	17.77

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40							
	MTH ACT	60.6	5.1	2.25	13.4	9.85	62.13	4.7	2.5	5.78	49.73							
CUM	2019-20	61.88	3.86	2.04	14.17	12.08	62.45	3.58	2.47	4.57	48.98							
CUM	2018-19	62.7	3.12	1.68	20.86	15.61	63.29	3.01	1.97	2.91	50.58							

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30							
	MTH ACT	62.55	1.75	2.57	28.89	12.56	63.02	2.34	2.71	8.14	44.15							
CUM	2019-20	61.9	3.3	1.99	25.46	12.01	62.18	3.3	2.64	7.65	41.09							
CUM	2018-19	62.18	2.87	1.94	22.28	14.17	62.39	3.07	2.61	5.88	41.44							

**QUALITY ANALYSED AT PLANT**

**January 2020**

**रात्रकेला 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	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	61.70	3.80	3.00	13.40	20.20	61.40	4.70	2.40	8.00	36.00		MTH ACT	29.85	17.85	5.40		
CUM	2019-20	62.11	4.03	2.56	15.71	21.45	61.46	4.41	2.54	7.60	39.74	CUM	2019-20	28.92	18.86	5.24		
CUM	2018-19	62.57	3.30	2.68	14.73	20.57	62.07	3.31	2.72	7.50	37.19	CUM	2018-19					

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.50	2.70	2.80	13.00	22.00	61.10	4.20	3.30	8.00	40.70		MTH ACT	49.30	2.60	4.00		
CUM	2019-20	62.42	2.93	3.23	19.80	20.10	61.51	4.27	2.59	9.92	35.15	CUM	2019-20	49.69	2.43	3.64		
CUM	2018-19	62.53	3.23	2.82	15.66	20.00	62.01	3.41	2.71	8.10	35.62	CUM	2018-19	49.78	2.61	3.04		

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40
	MTH ACT										
CUM	2019-20						62.10	4.10	1.93	6.50	38.50
CUM	2018-19	62.60	3.30	2.60	4.00	41.00					

BAR	NORM	62.5	2.9	3	10	10	62	3.5	3	5	30
	MTH ACT	62.00	3.10	3.20	9.80	21.50	60.80	4.00	3.90	8.00	43.00
CUM	2019-20	62.34	2.84	3.14	8.93	20.67	61.46	3.67	3.30		
CUM	2018-19	62.41	3.14	3.08	12.87	22.29	61.80	3.42	2.98	7.20	34.12

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40
	MTH ACT	63.10	2.50	2.40	4.90	12.60	62.90	2.50	2.40	6.00	36.00
CUM	2019-20	63.17	2.65	2.38	11.88	15.94	62.86	2.51	2.42	7.42	37.58
CUM	2018-19	63.47	2.51	2.16	13.93	16.70	62.96	2.52	2.09	6.27	34.35

MPR	NORM	63			10	10	63			5	40
	MTH ACT						63.10	2.30	2.30	6.80	37.80
CUM	2019-20	63.38	2.57	2.16	18.74	15.98	62.91	2.65	2.22	7.47	38.29
CUM	2018-19	63.40	2.56	2.27	16.64	15.80	62.93	2.57	2.38	7.89	35.05

TAL	NORM	62.5			5	10	62			5	40
	MTH ACT	63.20	2.40	2.30	7.30	14.40	62.80	2.50	2.60	7.00	39.00
CUM	2019-20	63.10	2.35	2.64	6.94	13.03	62.39	3.01	2.65	3.40	19.80
CUM	2018-19	63.46	2.45	2.26	9.36	17.55					

**QUALITY ANALYSED AT PLANT**

**January 2020**

**बर्नपूर 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	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT												MTH ACT					
CUM	2019-20											CUM	2019-20					
CUM	2018-19						62.7	2.24	3.35	13.13	41.97	CUM	2018-19					

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT						62.42	4.56	1.62	8.61	46.32		MTH ACT					
CUM	2019-20						62.00	4.88	2.18	8.63	40.55	CUM	2019-20					
CUM	2018-19	64.79	1.47	1.18	66.82	0.7	61.27	4.79	3.22	7.97	37.97	CUM	2018-19					

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40							
	MTH ACT	63.00	3.25	1.56	19.88	4.31	63.00	3.18	1.81	9.59	44.57							
CUM	2019-20	62.90	3.84	1.85	16.92	6.92	62.85	3.75	2.16	6.89	46.16							
CUM	2018-19	63.06	3.05	1.97	23.77	2.77	62.87	3.49	2.42	5.09	47.62							

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30							
	MTH ACT	62.72	4.45	1.43	18.41	7.06	62.32	4.18	2.20	7.87	46.39							
CUM	2019-20	63.00	3.73	1.92	24.24	6.50	62.50	3.80	2.52	8.92	39.77							
CUM	2018-19	62.77	3.37	2.15	20.1	2.01	61.65	3.96	3.32	8.43	38.89							

MPR	NORM	63			10	10	63			5	40							
	MTH ACT																	
CUM	2019-20						62.65	4.43	2.56	5.78	47.69							
CUM	2018-19	63.37	2.49	2.12	23.76	3.3	61.03	4.45	3.97	5.28	47.99							

**QUALITY ANALYSED AT PLANT**

**January 2020**

**भिलाई इस्पात संयन्त्र**

**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	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT						61.67	4.91	2.95	11.17	37.43		MTH ACT	28.95	18.59	6.61	35	7
CUM	2019-20						62.33	4.28	2.52	8.89	40.57	CUM	2019-20	28.35	18.32	7.36	29.81	12
CUM	2018-19						62.75	4.08	2.06	9.07	41.20	CUM	2018-19	28.53	17.64	8.24	33.75	9.24

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT												MTH ACT	47.87	3.66	4.10	12.21	19.33
CUM	2019-20											CUM	2019-20	49.56	2.38	3.93	9.43	18.58
CUM	2018-19						62.32	4.69	1.61	1.1	39.6	CUM	2018-19	49.83	2.26	3.90	9.19	18.30

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40	KAL	NORM	63	2.1	2.3	5	10
	MTH ACT						63.60	2.35	1.47	3.20	45.30		MTH ACT					
CUM	2019-20						63.46	3.29	1.91	2.31	52.45	CUM	2019-20					
CUM	2018-19											CUM	2018-19					

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40	CUM	NORM	63	2.1	2.3	5	10
	MTH ACT						63.36	3.52	2.71	2.11	45.57		MTH ACT					
CUM	2019-20						63.36	3.52	2.71	2.11	45.57	CUM	2019-20					
CUM	2018-19											CUM	2018-19					

**किरीबुरु**

**लम्प**

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.61	3.35	2.42	14.85	19.99	5.77	0.72	1008420
APP 19-20	62.50	3.00	2.50	10.00	10.00	5.50	0.83	1150000
Apr-19	62.43	3.42	2.57	15.85	19.54	5.99	0.75	98123
May-19	62.53	2.79	3.16	15.16	21.34	5.95	1.13	85576
Jun-19	62.63	3.06	2.87	14.47	22.92	5.93	0.94	81540
Jul-19	62.35	3.98	2.30	18.32	20.56	6.29	0.58	104549
Aug-19	62.07	4.29	2.32	19.87	17.65	6.61	0.54	101188
Sep-19	61.97	4.91	1.95	17.91	21.95	6.86	0.40	77563
Oct-19	61.50	5.66	1.87	15.92	21.19	7.53	0.33	106397
Nov-19	62.63	3.01	2.29	20.61	18.63	5.29	0.76	77812
Dec-19	62.44	3.43	2.41	19.65	18.56	5.84	0.70	78858
Jan-20	62.37	3.55	2.35	17.95	21.05	5.90	0.66	82187
Feb-20								
Mar-20								
CUMML	62.27	3.86	2.40	17.53	20.30	6.26	0.62	893793

**किरीबुरु**

**फाईन्स**

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.09	3.53	2.57	8.45	34.82	6.10	0.73	2869948
APP 19-20	62.50	3.40	2.60	5.00	30.00	6.00	0.76	3350000
Apr-19	61.96	3.76	2.61	7.48	37.31	6.37	0.69	268667
May-19	62.01	3.63	2.90	7.78	38.21	6.53	0.80	277835
Jun-19	62.15	3.45	2.69	7.63	32.71	6.14	0.78	272036
Jul-19	61.61	4.51	2.38	7.35	37.17	6.89	0.53	252007
Aug-19	61.38	4.88	2.27	8.92	37.56	7.15	0.47	233704
Sep-19	61.11	5.21	2.32	8.37	37.18	7.53	0.44	221053
Oct-19	60.90	5.90	2.13	7.39	37.24	8.03	0.36	218799
Nov-19	61.80	4.32	2.62	9.51	35.91	6.94	0.61	292707
Dec-19	61.99	3.72	2.81	9.63	38.51	6.52	0.75	153517
Jan-20	61.33	4.85	2.88	9.55	35.07	7.72	0.59	244575
Feb-20								
Mar-20								
CUMML	61.64	4.39	2.57	8.32	36.57	6.96	0.58	2434900

**मेघाहातुबुरु**

**लम्प**

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.66	3.19	2.46	15.56	19.79	5.64	0.77	1003297
APP 19-20	62.50	3.40	2.60	10.00	10.00	6.00	0.76	875000
Apr-19	62.96	2.90	2.18	17.98	18.75	5.08	0.75	118908
May-19	62.50	2.93	3.07	19.81	19.71	6.01	1.05	69120
Jun-19	62.70	3.07	2.42	18.63	17.47	5.49	0.79	75562
Jul-19	62.64	3.42	2.19	17.50	19.42	5.61	0.64	77921
Aug-19	62.54	3.65	2.21	17.11	20.11	5.86	0.60	101528
Sep-19	62.03	4.72	1.86	18.96	19.80	6.58	0.39	85676
Oct-19	61.84	4.86	2.03	17.61	19.99	6.89	0.42	99234
Nov-19	62.54	3.57	2.26	18.10	22.36	5.83	0.63	99493
Dec-19	62.94	3.32	2.00	16.91	22.87	5.32	0.60	49587
Jan-20	62.72	3.46	2.02	16.89	23.26	5.48	0.58	110324
Feb-20								
Mar-20								
CUMML	62.53	3.61	2.21	17.91	20.37	5.82	0.61	887353

**मेघाहातुबुरु**

**फाईन्स**

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	61.86	3.88	2.62	6.81	36.47	6.50	0.67	2726334
APP 19-20	62.00	4.00	2.50	5.00	30.00	6.50	0.63	2625000
Apr-19	61.93	3.88	2.46	5.54	36.09	6.34	0.63	302274
May-19	61.72	3.94	2.78	7.43	38.62	6.72	0.71	302670
Jun-19	61.73	3.93	2.89	8.52	38.33	6.82	0.74	245894
Jul-19	61.58	4.69	2.48	6.59	37.66	7.18	0.53	278469
Aug-19	61.41	4.97	2.29	7.73	36.00	7.26	0.46	218171
Sep-19	61.53	5.07	2.08	13.68	23.13	7.15	0.41	192913
Oct-19	60.53	6.47	2.09	6.31	39.60	8.56	0.32	235708
Nov-19	61.26	5.31	2.51	6.95	38.80	7.82	0.47	195814
Dec-19	61.58	4.86	2.52	7.20	38.73	7.38	0.52	186163
Jan-20	61.73	4.82	2.18	7.26	40.56	7.00	0.45	240858
Feb-20								
Mar-20								
CUMML	61.52	4.72	2.44	7.55	36.99	7.17	0.52	2398934

## बोलानी

## लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.55	2.97	2.01	21.16	12.69	4.98	0.68	2197173
APP 19-20	62.50	2.80	2.50	10.00	10.00	5.30	0.89	2586000
Apr-19	63.10	2.22	2.27	21.08	11.98	4.49	1.02	160023
May-19	62.53	3.01	2.24	18.21	14.02	5.25	0.74	215081
Jun-19	62.76	2.67	2.10	24.48	14.09	4.78	0.79	202516
Jul-19	62.05	4.17	1.87	26.21	11.77	6.04	0.45	197433
Aug-19	61.77	4.01	1.74	30.16	9.27	5.75	0.43	200134
Sep-19	62.26	2.95	1.98	32.23	11.98	4.93	0.67	142430
Oct-19	62.36	3.42	1.92	21.29	13.13	5.35	0.56	146213
Nov-19	61.78	4.30	2.21	17.18	12.43	6.50	0.51	173885
Dec-19	62.81	2.91	1.82	24.84	11.68	4.73	0.62	205306
Jan-20	62.58	2.29	2.35	26.79	11.66	4.64	1.02	140916
Feb-20								
Mar-20								
CUMML	62.40	3.23	2.04	24.12	12.22	5.27	0.63	1783937

## ગુઆ

## લમ્પ

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.96	3.47	1.88	18.97	7.69	5.34	0.54	1084884
APP 19-20	62.50	3.00	2.20	10.00	10.00	5.20	0.73	1130000
Apr-19	63.45	2.37	2.12	8.58	10.10	4.49	0.89	93991
May-19	63.02	2.84	1.84	10.50	10.31	4.67	0.65	87035
Jun-19	63.52	2.82	1.91	17.35	8.53	4.73	0.68	88072
Jul-19	62.55	3.76	1.76	18.24	7.71	5.52	0.47	79082
Aug-19	62.05	4.52	2.02	23.96	8.08	6.54	0.45	71280
Sep-19	61.87	4.90	1.95	12.89	11.62	6.86	0.40	63634
Oct-19	63.00	4.46	1.67	15.16	11.30	6.13	0.37	57247
Nov-19	61.20	5.82	2.08	19.10	8.15	7.91	0.36	67940
Dec-19	62.61	4.00	2.01	21.61	6.99	6.02	0.50	46907
Jan-20	62.76	3.40	1.68	19.15	6.10	5.08	0.50	99205
Feb-20								
Mar-20								
CUMML	62.67	3.75	1.90	16.30	8.82	5.64	0.51	754393

## बोलानी

## फार्इન्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.05	3.47	2.85	6.72	39.22	6.32	0.82	3267584
APP 19-20	62.50	2.90	2.80	5.00	30.00	5.70	0.97	3914000
Apr-19	61.93	3.33	3.13	7.01	45.01	6.46	0.94	251813
May-19	62.45	3.24	2.59	8.03	39.81	5.83	0.80	297107
Jun-19	62.35	3.44	2.60	8.79	38.10	6.04	0.75	340167
Jul-19	62.19	4.01	2.38	7.33	37.14	6.39	0.59	325186
Aug-19	61.94	4.09	2.42	8.49	38.25	6.51	0.59	317909
Sep-19	62.29	3.32	2.38	9.65	35.90	5.70	0.72	266861
Oct-19	62.71	3.63	2.17	5.99	40.78	5.80	0.60	260458
Nov-19	61.57	4.00	3.03	6.54	41.31	7.03	0.76	280234
Dec-19	62.01	3.51	2.85	8.57	39.00	6.36	0.81	380589
Jan-20	62.72	3.01	2.56	7.94	44.20	5.57	0.85	325787
Feb-20								
Mar-20								
CUMML	62.22	3.56	2.61	7.89	39.85	6.17	0.73	3046111

## ગુઆ

## फार्इન्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.99	3.32	2.26	4.25	48.31	5.58	0.68	2402128
APP 19-20	62.50	3.00	2.70	5.00	40.00	5.70	0.90	2870000
Apr-19	62.78	3.16	2.75	5.34	43.03	5.91	0.87	203894
May-19	62.90	3.31	2.37	4.75	46.28	5.68	0.72	213942
Jun-19	63.11	3.17	2.32	6.01	47.33	5.48	0.73	219144
Jul-19	63.03	3.52	2.14	5.41	49.48	5.66	0.61	194160
Aug-19	62.33	4.14	2.39	4.28	48.54	6.53	0.58	229040
Sep-19	62.80	4.54	1.76	4.71	50.32	6.31	0.39	213036
Oct-19	62.87	4.55	2.06	4.87	49.70	6.60	0.45	202368
Nov-19	61.77	4.98	2.46	4.53	51.94	7.44	0.49	222747
Dec-19	62.90	3.75	2.15	6.96	47.37	5.90	0.57	129755
Jan-20	62.91	3.29	1.87	9.03	44.60	5.16	0.57	215168
Feb-20								
Mar-20								
CUMML	62.72	3.85	2.23	5.53	47.89	6.08	0.58	2043254

## बरसुआ

## लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.58	2.71	3.03	16.49	20.04	5.74	1.12	594000
APP 19-20	62.50	2.90	3.00	10.00	10.00	5.90	1.03	803000
Apr-19	62.63	2.36	3.00	16.36	16.33	5.36	1.27	18255
May-19	62.81	2.40	2.75	17.27	15.72	5.15	1.15	64420
Jun-19	62.92	2.42	2.54	21.48	18.28	4.96	1.05	77557
Jul-19	62.54	2.59	2.97	18.12	13.56	5.56	1.15	57323
Aug-19	62.86	2.50	2.62	20.46	14.86	5.12	1.05	46610
Sep-19	62.67	2.68	2.73	16.87	14.86	5.41	1.02	45600
Oct-19	62.42	3.10	2.72	17.72	24.20	5.82	0.88	36216
Nov-19	62.72	2.71	2.86	10.99	20.22	5.57	1.06	87268
Dec-19	62.40	2.71	3.22	9.14	20.69	5.93	1.19	72736
Jan-20	61.92	3.01	3.31	11.81	21.44	6.32	1.10	84879
Feb-20								
Mar-20								
CUMML	62.57	2.66	2.89	15.41	18.35	5.56	1.09	590864

## बरसुआ

## फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	61.57	3.46	3.50	6.28	34.32	6.96	1.01	1065000
APP 19-20	62.00	3.50	3.00	5.00	30.00	6.50	0.86	1697000
Apr-19	61.45	3.64	3.43	5.86	33.27	7.07	0.94	67951
May-19	60.77	4.18	4.00	6.43	34.11	8.18	0.96	49035
Jun-19	61.20	3.85	3.61	6.35	34.64	7.46	0.94	103928
Jul-19	60.72	4.17	3.99	6.10	34.90	8.16	0.96	72204
Aug-19	61.29	3.99	3.35	6.41	34.20	7.34	0.84	87433
Sep-19	61.27	4.04	3.36	6.32	31.94	7.40	0.83	60386
Oct-19	61.34	4.23	3.09	6.46	32.53	7.32	0.73	141710
Nov-19	61.95	3.46	2.92	6.96	39.49	6.38	0.85	146331
Dec-19	61.25	3.95	3.50	6.63	35.20	7.45	0.88	147413
Jan-20	60.74	4.16	3.90	7.68	42.06	8.06	0.94	93224
Feb-20								
Mar-20								
CUMML	61.27	3.94	3.44	6.58	35.55	7.38	0.87	969615

## तलडीह

## लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.43	2.44	2.23	9.97	16.87	4.68	0.91	180621
APP 19-20	62.50			5.00	10.00			332000
Apr-19	63.54	1.84	2.19	10.80	11.43	4.03	1.19	24261
May-19	62.98	2.36	2.70	12.41	15.94	5.06	1.14	27391
Jun-19	63.14	2.43	2.49	11.97	12.89	4.91	1.03	17089
Jul-19	63.15	2.00	2.44	10.70	10.40	4.44	1.22	27484
Aug-19	63.49	2.29	1.93	10.43	9.37	4.22	0.84	10603
Sep-19	63.05	2.71	2.13	10.77	10.02	4.84	0.79	43979
Oct-19	62.98	2.48	2.47	9.76	12.38	4.95	1.00	36862
Nov-19	62.99	2.22	2.97	9.76	12.38	5.19	1.33	18114
Dec-19	63.18	2.21	2.62	6.33	14.42	4.83	1.19	47905
Jan-20	63.20	2.40	2.30	7.30	14.40	4.70	0.96	54356
Feb-20								
Mar-20								
CUMML	63.15	2.33	2.42	9.48	12.71	4.75	1.04	308044

## तलडीह

## फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.53	2.87	3.02	4.90	30.39	5.89	1.05	101338
APP 19-20	62.00			5.00	40.00			618000
Apr-19	61.79	3.68	2.92	4.94	29.34	6.60	0.79	25767
May-19	61.91	3.11	3.19	6.66	36.90	6.30	1.02	19562
Jun-19	61.72	3.36	3.25	7.10	36.00	6.61	0.97	14989
Jul-19	61.92	3.82	2.43			6.25	0.64	39453
Aug-19	61.46	4.57	2.40			6.97	0.53	28626
Sep-19	61.82	3.91	2.61	5.96	34.05	6.52	0.67	48752
Oct-19	62.29	3.38	2.55	5.30	30.23	5.93	0.75	55551
Nov-19	62.42	2.89	2.76	5.30	30.23	5.64	0.95	15055
Dec-19	62.35	3.00	2.80	5.17	35.57	5.80	0.94	72207
Jan-20	62.80	2.50	2.60	7.00	39.00	5.10	1.04	84008
Feb-20								
Mar-20								
CUMML	62.19	3.31	2.68	5.92	34.70	5.99	0.81	403970

मनोहरपुर

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.65	2.23	2.02	15.03	11.12	4.24	0.90	406931
APP 19-20	63.00			10.00	10.00			375000
Apr-19	63.67	2.12	1.95	14.64	10.92	4.07	0.92	36849
May-19	63.71	1.94	2.14	14.25	11.51	4.08	1.11	29189
Jun-19	63.72	1.95	2.10	10.53	8.40	4.05	1.08	11963
Jul-19	63.62	2.13	2.05	12.37	10.29	4.17	0.96	47536
Aug-19	63.65	2.05	2.07	10.52	9.22	4.12	1.01	19836
Sep-19	63.59	2.36	2.04	17.41	14.87	4.40	0.86	20468
Oct-19	63.29	2.72	2.01	14.32	12.45	4.73	0.74	29259
Nov-19	63.25	2.40	2.27	12.00	10.06	4.67	0.95	26563
Dec-19	63.45	2.50	1.96	10.37	12.61	4.46	0.78	41944
Jan-20	63.71	2.11	2.12	11.16	9.33	4.23	1.00	34325
Feb-20								
Mar-20								
CUMML	63.56	2.25	2.06	12.72	11.06	4.31	0.92	297932

काल्टा

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.57	2.38	2.13	11.41	15.41	4.50	0.89	919599
APP 19-20	63.00	2.10	2.30	5.00	10.00	4.40	1.10	1229000
Apr-19	63.48	2.50	2.11	13.65	15.08	4.61	0.84	79514
May-19	63.36	2.21	2.59	16.00	15.70	4.80	1.17	76324
Jun-19	63.30	2.50	2.40	15.40	15.30	4.90	0.96	56938
Jul-19	63.22	2.76	2.30	17.15	13.77	5.06	0.83	91889
Aug-19	63.19	3.15	2.03	17.43	14.71	5.18	0.64	31995
Sep-19	61.80	4.80	2.30	12.00	24.50	7.10	0.48	7294
Oct-19	62.80	3.80	2.00	9.80	22.10	5.80	0.53	50934
Nov-19	63.00	2.70	2.60	8.60	19.70	5.30	0.96	86508
Dec-19	63.21	2.09	2.65	5.70	14.40	4.73	1.27	74295
Jan-20	62.95	2.54	2.57	6.06	16.42	5.12	1.01	87035
Feb-20								
Mar-20								
CUMML	63.16	2.65	2.40	11.82	16.35	5.05	0.91	642726

मनोहरपुर

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.95	2.74	2.44	5.18	32.72	5.18	0.89	338554
APP 19-20	63.00			5.00	40.00			375000
Apr-19	62.69	2.66	2.37	6.26	34.42	5.03	0.89	35806
May-19	62.97	2.42	2.46	7.37	37.99	4.89	1.02	37045
Jun-19	62.74	3.06	2.36	4.18	29.32	5.43	0.77	23826
Jul-19	62.40	3.20	2.40	5.00	38.00	5.60	0.75	6347
Aug-19	63.13	3.26	1.56	5.23	29.48	4.82	0.48	16508
Sep-19	62.96	2.90	1.97	6.73	36.32	4.87	0.68	36471
Oct-19	62.66	3.39	1.96	6.67	36.30	5.35	0.58	51326
Nov-19	62.75	2.92	2.38	7.36	36.23	5.30	0.81	38465
Dec-19	63.12	2.24	2.51	4.20	30.10	4.75	1.12	18187
Jan-20	63.10	2.30	2.30	6.80	37.80	4.60	1.00	29397
Feb-20								
Mar-20								
CUMML	62.85	2.84	2.22	6.35	35.13	5.05	0.78	293378

काल्टा

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.03	2.51	2.12	5.94	33.51	4.63	0.85	784000
APP 19-20	63.00	2.40	2.50	5.00	40.00	4.90	1.04	1071000
Apr-19	62.98	2.58	2.19	8.31	35.88	4.77	0.85	96577
May-19	62.92	2.39	2.44	7.95	37.65	4.84	1.02	107867
Jun-19	62.82	2.54	2.39	7.12	37.48	4.93	0.94	45255
Jul-19	62.83	2.60	2.36			4.96	0.91	30255
Aug-19	62.95	2.70	2.15			4.85	0.80	7725
Sep-19								
Oct-19	62.39	3.66	2.10	6.62	39.38	5.76	0.57	45152
Nov-19	62.70	2.70	2.50	6.00	34.00	5.20	0.93	74062
Dec-19	62.95	2.31	2.66	7.29	39.44	4.97	1.15	120583
Jan-20	62.80	3.04	2.56	5.22	38.75	5.60	0.84	142278
Feb-20								
Mar-20								
CUMML	62.84	2.68	2.44	6.88	37.65	5.13	0.91	669754

**ग्रनावत्ता :: बोकारो**

BLEND	लम्प							
	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	63.09	2.72	2.09	15.93	16.56	4.81	0.77	2375715
APP 19-20	62.60	2.79	2.57	8.89	10.00	5.36	0.92	3145000
Apr-19	63.24	2.43	2.06	16.27	15.46	4.50	0.85	228569
May-19	63.05	2.39	2.41	16.57	16.20	4.80	1.01	232270
Jun-19	63.05	2.49	2.28	20.67	16.77	4.78	0.92	232875
Jul-19	62.91	2.67	2.35	17.14	15.25	5.02	0.88	257492
Aug-19	63.06	2.68	2.18	18.86	14.53	4.86	0.81	178194
Sep-19	62.76	3.05	2.22	17.88	13.89	5.27	0.73	164730
Oct-19	62.59	3.38	2.22	16.21	16.92	5.60	0.66	178093
Nov-19	62.88	3.07	2.14	19.22	18.56	5.21	0.70	179252
Dec-19	62.94	3.16	2.03	18.25	18.29	5.19	0.64	189408
Jan-20	62.81	3.17	2.19	16.39	21.09	5.36	0.69	237190
Feb-20								
Mar-20								
CUMML	62.92	2.81	2.22	17.76	16.71	5.03	0.79	2078073

**ग्रनावत्ता:: दूर्गापूर**

BLEND	लम्प							
	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.32	2.94	1.87	21.89	14.50	4.81	0.64	1408030
APP 19-20	62.50	2.83	2.45	10.00	10.00	5.28	0.87	1720000
Apr-19	63.22	1.75	2.00	21.81	13.91	3.75	1.14	107785
May-19	62.08	2.95	1.84	17.51	13.40	4.79	0.62	111280
Jun-19	62.45	3.06	1.95	21.15	12.39	5.01	0.64	138970
Jul-19	60.31	5.87	1.77	25.02	11.26	7.63	0.30	105105
Aug-19	60.60	4.68	1.83	28.70	9.63	6.51	0.39	134030
Sep-19	61.65	3.09	2.04	31.22	11.44	5.14	0.66	105300
Oct-19	62.29	3.13	1.90	22.47	12.85	5.03	0.61	105235
Nov-19	61.66	4.35	2.24	14.74	12.78	6.58	0.51	127140
Dec-19	62.37	2.88	1.86	25.64	10.84	4.73	0.65	121420
Jan-20	62.31	2.05	2.65	27.63	12.97	4.70	1.30	127985
Feb-20								
Mar-20								
CUMML	61.88	3.40	2.01	23.52	12.10	5.41	0.59	1184250

**ग्रनावत्ता :: बोकारो**

BLEND	फाईब्स							
	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	61.99	3.65	2.70	6.61	33.32	6.35	0.74	4170000
APP 19-20	62.30	3.31	2.73	5.00	31.88	6.05	0.83	4751000
Apr-19	61.93	3.77	2.59	6.24	32.92	6.37	0.69	438676
May-19	61.60	3.98	2.96	6.70	33.77	6.94	0.74	359616
Jun-19	61.62	3.83	3.00	6.65	34.74	6.84	0.78	387573
Jul-19	61.40	4.32	2.86	6.70	34.89	7.18	0.66	349911
Aug-19	61.63	4.27	2.63	7.08	33.45	6.90	0.62	333842
Sep-19	61.43	4.60	2.59	6.94	32.43	7.19	0.56	288741
Oct-19	61.35	4.75	2.61	6.70	32.47	7.36	0.55	347254
Nov-19	61.52	4.61	2.53	7.31	33.86	7.14	0.55	303977
Dec-19	61.38	4.52	2.85	6.47	34.18	7.38	0.63	295575
Jan-20	61.24	4.92	2.67	7.54	34.97	7.59	0.54	325856
Feb-20								
Mar-20								
CUMML	61.49	4.32	2.73	6.81	33.75	7.05	0.63	3431021

**ग्रनावत्ता:: दूर्गापूर**

BLEND	फाईब्स							
	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.62	3.19	2.37	4.79	44.77	5.56	0.74	2538767
APP 19-20	62.48	2.96	2.77	5.00	32.20	5.73	0.94	2681000
Apr-19	62.01	3.07	3.10	6.63	42.39	6.17	1.01	189194
May-19	62.39	3.19	2.45	6.29	44.54	5.64	0.77	259904
Jun-19	62.24	3.52	2.53	7.02	44.93	6.05	0.72	240565
Jul-19	61.64	4.76	2.44	6.71	43.19	7.20	0.51	223860
Aug-19	61.74	4.00	2.40	7.98	40.79	6.39	0.60	220415
Sep-19	62.26	3.23	2.28	8.50	40.18	5.51	0.71	172770
Oct-19	62.54	3.87	2.19	5.46	42.28	6.06	0.57	205465
Nov-19	61.57	3.91	3.03	6.62	41.57	6.94	0.77	225940
Dec-19	61.62	3.93	2.87	7.60	42.47	6.80	0.73	214500
Jan-20	62.93	2.64	2.64	7.81	44.62	5.28	1.00	238745
Feb-20								
Mar-20								
CUMML	62.11	3.60	2.59	7.06	42.77	6.19	0.72	2191358

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 18-19	62.84	2.99	2.60	14.29	19.37	5.59	0.87	2462000
APP 19-20	62.67	2.70	2.47	7.94	10.00	5.16	0.91	2090000
Apr-19	62.82	3.02	2.53	15.82	18.42	5.55	0.84	206741
May-19	62.80	2.61	2.99	16.81	19.24	5.61	1.15	230306
Jun-19	62.81	2.92	2.74	15.62	19.54	5.66	0.94	179032
Jul-19	62.74	3.45	2.31	18.08	17.12	5.76	0.67	215981
Aug-19	62.16	4.28	2.33	17.78	19.33	6.61	0.54	156730
Sep-19	62.07	4.73	1.98	17.17	21.56	6.71	0.42	145874
Oct-19	61.83	5.16	1.97	14.22	21.79	7.12	0.38	196038
Nov-19	62.73	2.77	2.80	8.74	17.68	5.57	1.01	235584
Dec-19	62.81	2.40	2.92	7.25	17.35	5.32	1.21	215150
Jan-20	62.62	2.81	2.70	8.09	16.85	5.51	0.96	219032
Feb-20								
Mar-20								
CUMML	62.63	3.12	2.67	14.04	18.64	5.79	0.85	2000468

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 18-19	62.19	3.21	2.62			5.83	0.82	2764000
APP 19-20	62.34	3.38	2.63	5.00	32.66	6.01	0.78	4704000
Apr-19	62.28	3.20	2.55			5.75	0.80	374287
May-19	62.24	2.92	2.86			5.77	0.98	400258
Jun-19	62.09	3.21	2.79			6.00	0.87	291317
Jul-19	61.80	4.01	2.41			6.42	0.60	296807
Aug-19	61.25	5.06	2.21			7.26	0.44	245733
Sep-19	61.40	4.86	2.16			7.02	0.45	268561
Oct-19	61.04	5.55	2.06			7.62	0.37	347406
Nov-19	62.24	3.09	2.82			5.91	0.91	356055
Dec-19	62.32	2.79	2.97			5.76	1.07	318158
Jan-20	62.12	3.12	2.92			6.04	0.94	331317
Feb-20								
Mar-20								
CUMML	61.90	3.71	2.60			6.31	0.70	3229899

गुणवत्ता :: बर्नपुर 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 18-19	62.97	3.14	2.04	22.50	2.50	5.18	0.65	1160000
APP 19-20	62.58	2.77	2.30	10.00	10.00	5.06	0.83	1525000
Apr-19	63.31	2.92	2.44	8.28	4.02	5.35	0.84	86829
May-19	62.96	3.67	2.26	11.43	4.99	5.94	0.62	80280
Jun-19	64.09	2.28	1.96	23.14	4.59	4.24	0.86	60360
Jul-19	63.67	3.02	1.67	23.75	5.65	4.68	0.55	101158
Aug-19	63.04	3.82	1.76	29.30	6.80	5.57	0.46	112920
Sep-19	62.53	4.59	1.76	19.42	11.42	6.35	0.38	70740
Oct-19	62.83	4.51	1.77	15.69	11.94	6.28	0.39	82200
Nov-19	61.30	5.60	2.09	21.09	7.64	7.68	0.37	91180
Dec-19	63.30	3.48	1.70	24.20	6.14	5.18	0.49	88260
Jan-20	62.93	3.54	1.53	19.53	4.97	5.07	0.43	109020
Feb-20								
Mar-20								
CUMML	62.94	3.79	1.88	19.97	6.74	5.67	0.50	882947

गुणवत्ता :: बर्नपुर 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 18-19	62.28	3.76	2.84	6.57	43.68	6.60	0.76	2760000
APP 19-20	62.50	2.97	2.73	5.00	36.91	5.70	0.92	3184000
Apr-19	62.43	3.66	3.07	6.59	50.09	6.73	0.84	173135
May-19	62.92	3.70	2.44	7.87	41.98	6.14	0.66	196080
Jun-19	62.99	3.33	2.45	9.68	38.93	5.78	0.73	293700
Jul-19	63.13	3.47	2.11	6.87	41.25	5.58	0.61	273411
Aug-19	62.33	4.25	2.36	7.31	41.39	6.61	0.56	284340
Sep-19	62.64	4.20	1.96	7.92	40.06	6.16	0.47	255960
Oct-19	62.45	4.67	2.08	6.72	45.71	6.75	0.44	219240
Nov-19	61.51	5.09	2.56	6.45	46.14	7.66	0.50	257727
Dec-19	62.67	3.45	2.50	9.92	39.59	5.94	0.72	271140
Jan-20	62.70	3.73	1.87	8.93	45.41	5.60	0.50	355500
Feb-20								
Mar-20								
CUMML	62.58	3.95	2.30	7.94	42.82	6.25	0.58	2580233

तुलसीदामर

BF DOLOMITE

गुणवत्ता :: बोकारो इस्पात संयंत्र

कुटेश्वर

BF LIMESTONE

	CaO	MgO	SiO <sub>2</sub>	OS	US
Act 18-19	28.68	18.79	5.17	5.05	9.06
APP 19-20	30.00	18.00	5.00	5.00	10.00
Apr-19	26.91	17.50	5.22	4.10	7.93
May-19	25.18	17.65	4.83	4.30	8.30
Jun-19	26.74	17.60	5.94	3.93	7.25
Jul-19	26.49	18.40	5.40	4.75	7.88
Aug-19	26.47	17.99	5.96	4.68	9.05
Sep-19					
Oct-19	28.74	16.32	5.15	5.50	8.72
Nov-19	26.96	15.92	6.06	13.90	8.55
Dec-19	26.35	15.10	5.42	4.90	5.05
Jan-20	27.36	16.28	5.69	4.35	8.23
Feb-20					
Mar-20					
CUMML	27.02	17.15	5.54	5.18	8.02

	CaO	MgO	SiO <sub>2</sub>	OS	US
Act 18-19	43.69	2.42	3.53	6.85	22.69
APP 19-20	50.00	2.25	3.50	5.00	5.00
Apr-19	44.23	2.17	3.39	10.16	14.07
May-19	42.58	2.81	3.42	10.98	15.28
Jun-19	43.23	3.82	3.54	9.03	18.40
Jul-19	44.14	3.93	3.61	12.77	14.68
Aug-19	44.27	3.96	3.54	10.77	16.23
Sep-19	42.69	4.61	3.45	8.45	24.66
Oct-19	43.80	4.36	3.77	10.77	17.73
Nov-19	41.90	4.38	3.57	10.07	18.26
Dec-19	41.31	4.50	3.85	10.36	17.07
Jan-20	42.93	4.09	3.98	11.19	16.23
Feb-20					
Mar-20					
CUMML	43.13	3.90	3.62	10.52	17.35

तुलसीदामर

BF DOLOMITE

गुणवत्ता :: भिलाई इस्पात संयंत्र

कुटेश्वर

BF LST

	CaO	MgO	SiO <sub>2</sub>	OS	US
Act 18-19	28.53	17.64	8.24	33.8	9.24
APP 19-20	30.00	18.00	5.00	5.00	10.00
Apr-19	28.84	18.19	7.38	20.84	10.39
May-19	28.46	17.85	8.02	26.50	13.50
Jun-19	42.69	4.61	3.45	8.45	24.66
Jul-19	28.76	18.35	7.30	27.03	9.87
Aug-19	27.63	18.59	7.19	22.40	23.70
Sep-19					
Oct-19	27.92	17.89	7.65	35.30	15.55
Nov-19					
Dec-19	29.05	18.36	7.03	31.40	4.30
Jan-20	28.95	18.59	6.61	35.00	7.00
Feb-20					
Mar-20					
CUMML	28.35	18.32	7.36	29.81	12.00

	CaO	MgO	SiO <sub>2</sub>	OS	US
Act 18-19	49.83	2.26	3.9	9.19	18.3
APP 19-20	50.00	2.25	3.50	5.00	5.00
Apr-19	50.13	2.04	3.84	8.10	16.00
May-19	49.09	2.51	4.18	8.66	15.94
Jun-19	50.37	1.95	3.68	8.93	12.33
Jul-19	50.40	1.85	3.79	8.80	23.00
Aug-19	50.40	1.85	3.79	8.80	23.00
Sep-19	49.81	2.27	3.78	9.40	20.40
Oct-19	49.28	2.61	3.96	9.90	19.50
Nov-19	49.36	2.43	4.07	10.40	18.10
Dec-19	49.33	2.20	4.32	9.53	20.78
Jan-20	47.87	3.66	4.10	12.21	19.33
Feb-20					
Mar-20					
CUMML	49.56	2.38	3.93	9.43	18.58



PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Jan-20	MAKE / TYPE	CAP	DATE OF COMMISSION	January-20										2019-2020												
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR			
<b>EXCAVATORS [4]</b>																												
BE-18	23133	23133	BEML,BE-1000	4.5CU.M	31-Jul-08	620	620										6120	6120										
EX-20	24918	27055	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	103	284	517	233	83.4	45.1	37.6	4.48	58.15	6120	806	3177	5314	2137	86.8	40.2	34.9	5.41	66.64			
EX-22	14347	17838	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620	7	203	613	410	98.9	66.9	66.1	5.04	55.98	6120	166	2464	5955	3491	97.3	58.6	57.0	5.52	63.56			
EX-23	15098	18540	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620	8	298	612	314	98.7	51.3	50.6	4.78	64.65	6120	249	2429	5871	3442	95.9	58.6	56.2	4.98	61.62			
					TOTAL	1860	118	785	1742	957	93.7	54.9	51.5	4.82	59.35	18360	1221	8070	17140	9070	93.4	52.9	49.4	5.29	63.55			
<b>DUMPERS-85T&amp;100T [4]</b>																												
DUM-87	13614	13802	BEML,BH-85	85Te	30-Mar-08	620	620										-	-	5500	4701	611	799	188	14.5	23.5	3.4	4.39	43.94
DUM 88	29181	31310	KOMATSU HD785-7	100 Te	23-Jul-10	620	15	232	605	373	98	61.65	60.16	3.49	43.43	6120	2445	1546	3675	2129	60.0	57.9	34.8	3.39	40.47			
DUM 89	34269	36127	KOMATSU HD785-7	100Te	23-Jul-10	620	392	118	228	110	36.77	48.25	17.74	3.19	39.55	6120	2164	2098	3956	1858	64.6	47.0	30.4	3.62	38.59			
DUM-91	18341	19338	CAT 777D	100T	2-Feb-12	620	51	339	569	230	91.77	40.42	37.10	4.09	44.57	6120	1235	3889	4886	997	79.8	20.4	16.3	4.82	45.32			
DUM-92	20471	21906	CAT 777D	100T	2-Feb-12	620	160	227	461	234	74.27	50.81	37.74	3.57	41.67	6120	1515	3171	4606	1435	75.3	31.2	23.4	4.10	40.45			
DUM-93	8194	10225	BEML BH-100	100T	2-May-15	620	544	51	76	25	12.26	32.89	4.03	8.16	120.00	6120	2013	2076	4107	2031	67.1	49.5	33.2	3.40	46.72			
DUM-94	6521	8951	BEML BH-100	100T	2-May-15	620	444	102	176	74	28.39	42.05	11.94	3.69	52.03	6120	1282	2408	4838	2430	79.1	50.2	39.7	3.54	45.43			
DUM-95	5381	6877	BEML BH-100S	100T	May 2016	620	273	149	347	198	55.97	57.06	31.94	3.59	45.45	6120	1123	3501	4997	1496	81.7	29.9	24.4	4.77	46.12			
					TOTAL	4340	1879	1218	2462	1244	56.72	50.54	28.66	3.71	45.34	42840	11776	18688	31064	12376	72.5	39.8	28.9	3.82	43.26			
<b>DRILL [4]</b>																												
DM-17	22677	23215	IR-ROTACOL-IDM-30	160mm	24-Mar-05	496	167	209	329	120	66.33	36.47	24.19	9.46	20.42	4896	2555	1804	2342	538	47.8	23.0	11.0	9.19	32.65			
DM-18	25867	26850	AC-ROTACOL-IDM-30	160mm	19-May-08	496	339	106	157	52	31.65	32.80	10.38	9.63	33.98	4896	2015	1898	2881	983	58.8	34.1	20.1	9.73	28.14			
DM-19	18828	18828	AC-ROTACOL-IDM-30	160mm	14-Oct-09	496	496																					
DM-20	10441	12173	AC-ROTACOL-IDM-30	160mm	Oct '14	496	145	167	351	184	70.77	52.42	37.10	10.40	25.00	4896	916	2249	3981	1732	81.3	43.5	35.4	9.94	28.11			
					TOTAL	1984	1147	482	837	356	42.19	42.47	17.92	9.97	24.75	19584	10381	5951	9203	3252	47.0	35.3	16.6	9.75	28.87			
<b>DOZER [6]</b>																												
DOZ-29	18180	18180	BEML, D-355	410HP	11-Jun-04	496	496									-	-	4896	4400	496	496		10.1					
DOZ-30	21843	21866	BEML, D-355	410HP	8-Jul-07	496	496									-	-	4896	4372	501	524	23	10.7	4.4	0.5	54.35		
DOZ-31	19778	20445	BEML, D-355	410 HP	19-Feb-09	496	123	257	373	116	75.2	31.1	23.4		27.59	4896	1829	2400	3067	668	62.6	21.8	13.6		32.51			
DOZ-32	6614	7235	BEML, D-355	410 HP	17-Apr-15	496	88	247	408	161	82.3	39.5	32.5		28.26	4896	1969	2306	2927	621	59.8	21.2	12.7		37.60			
DOZ-33	4439	6174	BEML, D-356	410HP	22-Sep-17	496	386	72	110	38	22.2	34.5	7.7		28.95	4896	1108	2053	3788	1735	77.4	45.8	35.4		38.01			
DOZ-34	630	2766	BEML, D-356	410HP	31-Dec-18	496	107	157	389	232	78.4	59.6	46.8		28.45	4896	491	2269	4405	2136	90.0	48.5	43.6		33.87			
					TOTAL	2976	1696	733	1280	547	43.0	42.7	18.4		28.24	29376	14169	10025	15207	5183	51.8	34.1	17.6		35.62			
<b>PAY LOADER [1]</b>																												
FEL-4	12729	13431	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248	84	2	164	162	66.13	98.78	65.32		9.57	2456	764	990	1692	702	68.9	41.5	28.6		13.78			
<b>MPTOR GRADER [3]</b>																												
MG-7	6322	6322	BEML, BG825	280HP	10-Jul-91	248	248									-	-	2448	1664	784	784		32.03					
MG-8	3088	3137	BEML, BG825	280HP	19-May-12	248		248	248		100				-	-	2448	453	1946	1995	49	81.50	2.46	2.00		35.71		
MG-9		375	BEML, BG825	280HP	5-Mar-19	248	163	34	85	51	34.27	60.00	20.56		22.55	2448	385	1689	2063	375	84.3	18.15	15.30		20.83			
					TOTAL	744	411	282	333	51	44.76	15.32	6.85		28.43	7344	2502	4419	4842	424	65.93	8.75	5.77		22.55			
<b>WATER TANKER [3]</b>																												
WT-83	20855	20862	BEML, WS-28-2	28KL	21-Mar-05	620	620									-	-	6120	6113		7	7	0.1	100.0	0.1			
WT-90	12967	13449	BEML, WS-28-2	28KL	Mar '11	620		590	620	30	100.0	4.8	4.8			21.67	6120	1111	4528	5009	482	81.8	9.6	7.9		30.61		
WT-96	248	911	BEML, WS-28-2	28KL	17-Feb-19	620	12	493	608	115	98.1	18.9	18.5			29.57	6120	541	4916	5579	663	91.2	11.9	10.8		29.22		
					TOTAL	1860	632	1083	1228	145	66.0	11.8	7.8			27.93	18360	7765	9444	10595	1152	57.7	10.9	6.3		29.62		
<b>Rock Breaker/Backhoe [1]</b>																												
EX-21	4905	5240	R340lc-7	1.62 CuM	25-Sep-13	620	584	36.00	36		5.81					-	-	6120	1696	4090	4424	335	72.3	7.6	5.5		26.6	

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Jan-20	MAKE / TYPE	CAPACITY	DATE OF COMM	January-20										2019-2020										
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	F/RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	F/RAT E	HSD/ HR	
<b>EXCAVATORS 4.5 CUM. [ 1 ]</b>																										
BE-11	36959	37521	BEML	4.5 CUM	30-09-2005	744	368	224	377	153	50.6	40.6	20.6	1.2	24	7344	5470	1312	1874	562	25.5	30.0	7.7	0.5	24	
<b>EXCAVATORS 9.5 CUM. [ 3 ]</b>																										
PC-14	31444	34824	KOMATSU	9.5 CUM	20-01-2012	744	227	211	517	306	69.5	59.2	41.1	7.4	83	7344	1547	2417	5797	3380	78.9	58.3	46.0	7.4	86	
PC-17	16137	19493	KOMATSU	9.5 CUM	24-07-2015	744	234	217	510	293	68.5	57.5	39.4	8.2	85	7344	1761	2228	5584	3356	76.0	60.1	45.7	7.6	85	
PC-18	29267	31860	KOMATSU	9.5 CUM	11-07-2016	744	300	167	444	277	59.7	62.4	37.2	8.4	84	7344	2164	2588	5181	2593	70.5	50.1	35.3	8.0	86	
					TOTAL	2232	761	595	1471	876	65.9	59.6	39.2	8.0	84	22032	5471	7232	16561	9329	75.2	56.3	42.3	7.7	86	
<b>DUMPER,50 TE [ 2 ]</b>																										
D - 49	28071	28177.5	BEML	50 TON	05-03-2007	744	744								-	-	7344	6605	633	739	107	10.1	14.4	1.5	0.6	23
D - 50	23971	23971	BEML	50 TON	15-04-2007	744	744								-	-	7344	7344							-	-
					TOTAL	1488	1488							-	-	14688	13949	633	739	107	5.0	14.4	0.7	0.6	23	
<b>DUMPER,100 TE [ 7 ]</b>																										
D - 51	29346	32670	KOMATSU	100 TON	01-09-2010	744	268	226	476	250	64.0	52.5	33.6	5.6	37	7344	2123	1898	5222	3324	71.1	63.7	45.3	4.1	37	
D - 52	30670	33660	KOMATSU	100 TON	01-09-2010	744	317	154	427	273	57.4	63.9	36.7	4.5	33	7344	2552	1802	4792	2990	65.3	62.4	40.7	4.1	38	
D - 53	29377	32899	KOMATSU	100 TON	01-09-2010	744	166	217	578	361	77.7	62.5	48.5	4.5	32	7344	1939	1884	5406	3522	73.6	65.2	48.0	4.0	37	
D - 54	15343	16227	CATER	100 TON	06-02-2012	744	110	420	635	215	85.3	33.9	28.9	4.8	33	7344	3989	2471	3355	884	45.7	26.3	12.0	4.3	40	
D - 55	17913	19605	CATER	100 TON	06-02-2012	744	118	433	627	194	84.2	31.0	26.1	4.0	31	7344	1321	4331	6023	1692	82.0	28.1	23.0	3.8	42	
D - 56	7648	9975	BEML	100 TON	09-05-2016	744	306	279	438	159	58.9	36.3	21.4	4.5	33	7344	2452	2565	4892	2327	66.6	47.6	31.7	3.9	41	
D - 57	7846	9577	BEML	100 TON	09-05-2016	744	409	255	335	80	45.0	23.9	10.8	3.9	36	7344	2364	3250	4981	1731	67.8	34.8	23.6	3.6	42	
					TOTAL	5208	1693	1983	3515	1532	67.5	43.6	29.4	4.6	33	51408	16739	18200	34670	16470	67.4	47.5	32.0	4.0	39	
<b>DRILL [ 4 ]</b>																										
DM - 7	24127	25152	IR	6 " DIA	01-04-2005	372	91	91	282	191	75.7	67.7	51.2	3.0	34	3672	1629	1019	2044	1025	55.7	50.2	27.9	4.2	33	
DM - 8	21406	23341	IR	6 " DIA	05-05-2008	372	55	80	317	237	85.2	74.8	63.7	8.3	34	3672	820	917	2852	1935	77.7	67.8	52.7	9.2	34	
DM - 9	19933	21622	IR	6 " DIA	16-09-2009	372	142	114	231	117	62.0	50.5	31.3	4.4	35	3672	1021	962	2652	1690	72.2	63.7	46.0	10.4	34	
DM - 10	12394	14460	IR	6 " DIA	06-11-2014	372	86	63	287	224	77.0	78.0	60.1	11.1	34	3672	814	793	2859	2066	77.8	72.3	56.3	10.7	34	
					TOTAL	1488	373	348	1116	768	75.0	68.8	51.6	7.2	34	14688	4283	3690	10406	6716	70.8	64.5	45.7	9.2	34	
<b>DOZER [ 7 ]</b>																										
DOZ-23	21979	22333	BEML	410 HP	02-10-2008	744	744								-	7320	5552	1415	1768	354	24.2	20.0	4.8		33	
DOZ-24	18151	19663	BEML	410 HP	06-04-2010	744	185	370	560	190	75.2	33.9	25.5		35	7320	2512	3297	4809	1512	65.7	31.4	20.7		34	
DOZ-25	8260	9027	BEML	410 HP	28-12-2010	744	160	493	584	92	78.5	15.7	12.3		34	7320	2820	3733	4501	768	61.5	17.1	10.5		34	
DOZ-26	16680	17161	BEML	410 HP	16-05-2011	744	744								-	7320	5144	1695	2176	482	29.7	22.1	6.6		35	
DOZ-27	9666	10225	BEML	410 HP	28-04-2015	744	198	455	546</td																	

## BOLANI ORE MINES

## Equipment Performance Report

 SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Jan-20	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	January-20										2019-2020										
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR	
<b>EXCAVATORS [ 6 ]</b>																										
EX-25	33609	33617	BEML PC-1000(D)	4.5 CuM	21-Jun-04																					
EX-26	31002	31598	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744	154	520	590	70	79.3	11.9	9.4		46.0	7344	1098	5651	6247	596	85.06	9.53	8.11	1.56	38.84	
					SUB TOTAL	744	154	520	590	70	79.3	11.9	9.4		46.0	7344	1098	5651	6247	596	85.06	9.53	8.11	1.56	38.84	
EX-28	15660	15877	BE-1600	7.5 Cu.m	22-Jun-10	744	711	31	33	2	4.4	5.3	0.2	12.57		7344	5792	1334	1552	218	21.13	14.02	2.96	1.39	53.95	
EX-29	25506	28094	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	47	367	697	330	93.7	47.3	44.3	4.42	68.5	7344	887	3868	6457	2588	87.92	40.09	35.25	4.69	77.39	
EX-30	15028	18040	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	282	325	462	136	62.0	29.6	18.3	6.71	88.0	7344	745	3587	6599	3012	89.86	45.64	41.01	5.31	76.48	
EX-31	13363	16448	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	23	325	721	396	97.0	54.9	53.3	6.35	72.6	7344	466	3793	6878	3085	93.65	44.85	42.00	5.53	76.16	
					SUB TOTAL	2976	1063	1049	1913	864	64.3	45.2	29.0	5.68	73.3	29376	7890	12583	21486	8903	73.14	41.44	30.31	5.11	76.08	
					TOTAL	3720	1217	1569	2503	934	67.3	37.3	25.1	5.26	71.3	36720	8988	18234	27732	9498	75.52	34.25	25.87	4.89	73.75	
<b>DUMPER,50 TE [ 2 ]</b>																										
HP-30	17659	17659	C.I.773D(I)	50 T	01-Mar-06	744	744								-	-	7344	7288	56	56		0.76				
HP-32	23497	24060	BEML BH-50M	50 T	06-Mar-08	744	10	668	734	67	98.7	9.1	8.9		14.4	7344	1636	5146	5709	563	77.73	9.86	7.67	0.79	16.01	
					TOTAL	1488	754	668	734	67	49.3	9.1	4.5		14.4	14688	8924	5202	5765	563	39.25	9.77	3.83	0.79	16.01	
<b>DUMPER,100 TE [ 8 ]</b>																										
HP-32A	29825	30890	KOMATSU HD785-7	100 T	22-Jun-10	744	744								-	-	7344	5656	624	1688	1064	22.99	63.04	14.49	3.58	35.77
HP-34	26579	28298	KOMATSU HD785-7	100 T	22-Jun-10	744	34	305	710	405	95.4	57.0	54.4	3.54	41.5	7344	4357	1268	2987	1719	40.68	57.55	23.41	3.50	37.50	
HP-35	15842	16854	BEML BH-100	100 T	22-Jun-10	744	515	181	229	48	30.8	20.9	6.4	5.09	42.9	7344	2824	3508	4520	1012	61.55	22.39	13.78	2.48	26.51	
HP-36	11757	12307	BEML BH-100	100 T	22-Jun-10	744	153	447	591	144	79.4	24.4	19.4	5.71	30.9	7344	3789	3006	3556	550	48.41	15.46	7.49	2.44	21.08	
HP-37	19607	22112	CAT 777D	100 T	25-Jan-12	744	744								-	-	7344	2265	2574	5079	2505	69.15	49.32	34.11	3.46	32.81
HP-38	8907	11946	BEML BH-100S	100 T	03-May-16	744	232	234	513	279	68.9	54.3	37.4	3.36	42.0	7344	1243	3062	6101	3039	83.08	49.81	41.38	3.35	34.74	
HP-39	8614	11083	BEML BH-100S	100 T	03-May-16	744	22	307	722	414	97.0	57.4	55.7	3.51	44.7	7344	2349	2526	4995	2469	68.01	49.44	33.63	3.53	36.25	
HP-40	9440	10356	BEML BH-100S	100 T	03-May-16	744	734	9	10	2	1.3	15.0	0.2	15.33	226.7	7344	5414	1015	1930	915	26.28	47.43	12.47	3.12	39.76	
					TOTAL	5952	3178	1483	2774	1291	46.6	46.5	21.7	3.80	41.7	58752	27896	17582	30856	13274	52.52	43.02	22.59	3.32	34.25	
<b>DRILL [ 4 ]</b>																										
DM-11	17159	18169	AC-ROTACOL-IDM-30	160mm	14-Feb-08	496	205	243	292	48	58.8	16.6	9.8	11.63	35.1	4896	1831	2055	3065	1010	62.61	32.95	20.63	11.50	36.52	
DM-12	17912	19005	AC-ROTACOL-IDM-30	160mm	12-Aug-09	496	52	245	444	199	89.6	44.7	40.1	13.07	23.8	4896	1304	2499	3592	1092	73.36	30.41	22.31	13.78	30.46	
DM-12A	16453	17421	AC-ROTACOL-IDM-30	160mm	22-Mar-11	496	154	203	342	140	69.0	40.8	28.1	11.66	34.8	4896	1153	2775	3743	968	76.45	25.87	19.78	11.67	34.80	
DM-14	9768	11676	AC-ROTACOL-IDM-30	160mm	19-Nov-14	496	48	258	448	190	90.3	42.3	38.2	11.17	37.5	4896	727	2261	4169	1908	85.14	45.77	38.97	13.75	36.56	

## BARSUA IRON MINES

## Equipment Performance Report



SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Jan-20	MAKE / TYPE	CAP	DATE OF COMMISSION	January-20										2019-2020										
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR	
<b>EXCAVATORS [ 6 ]</b>																										
EX-20	25868	26712	BEML,BE-1000	4.5 CuM	Mar-04	624	53	425	571	146	91.5	25.6	23.4	6.10	51.51	5640	761	4035	4879	844	86.5	17.3	15.0	5.57	46.8	
EX-22	19566	20881	BEML,BE-1000	4.5 CuM	22-Dec-08	624	76	277	548	271	87.8	49.5	43.4	6.85	49.43	5640	973	3352	4667	1315	82.7	28.2	23.3	6.89	51.7	
EX-23	15937	16042	BEML, BE-1000	4.5CuM	18-Feb-10	624	308	214	316	102	50.6	32.3	16.3	6.50	48.53	5680	4929	646	751	105	13.2	14.0	1.8	6.31	57.1	
EX-27	2175	4026	BEML, BE-1000-1	4.5 CuM	19-Dec-17	624	287	212	337	125	54.0	37.1	20.0	6.55	66.80	5640	936	2853	4704	1851	83.4	39.3	32.8	7.12	63.8	
					TOTAL	2496	724	1128	1772	644	71.0	36.3	25.8	6.57	53.13	22600	7599	10886	15001	4115	66.4	27.4	18.2	6.71	56.3	
EX-21	18158	18158	TELCON,1200V-1018	5.9 CuM	28-May-07	624	624							-	-	5640	5640									
EX-24	12701	13776	BEML, BE-1600	7.5CuM	04-Aug-11	624	624							-	-	5616	2662	1879	2954	1075	52.6	36.4	19.1	6.86	72.1	
					TOTAL	6240	2696	2256	3544	1288	56.8	36.3	20.6	6.57	53.13	11256	8302	1879	2954	1075	26.2	36.4	9.6	28.29	72.1	
<b>DUMPER,50 TE [ 5 ]</b>																										
HPD-90	16619	17476	BEML,210M	50T	1-Apr-05	624	39	510	585	75	93.8	12.8	12.0	2.92	29.07	5680	1405	3418	4275	857	75.3	20.0	15.1	2.96	32.6	
BH-93	24313	24399	BH-50 M	50T	1-Feb-08											3144	1512	1546	1632	86	51.9	5.3	2.7	4.86	45.9	
BH-94	22423	23454	BH-50 M	50T	22-Dec-08	624	25	534	599	65	96.0	10.9	10.4	2.78	30.03	5640	785	3824	4855	1031	86.1	21.2	18.3	2.87	30.8	
BH-95	30907	31394	BH-50 M	50T	6-Feb-09	624	28	501	596	95	95.5	15.9	15.2	2.97	30.57	5616	2823	2306	2793	487	49.7	17.4	8.7	2.78	30.6	
BH-96	26092	26608	BH-50 M	50T	20-Aug-09	624	191	392	433	41	69.4	9.5	6.6	2.93	37.24	5616	3195	1905	2421	516	43.1	21.3	9.2	2.81	28.8	
BH-99	23409	23680	BH-50 M	50T	20-Feb-14	416	26	365	390	25	93.8	6.4	6.0		34.20	5568	226	5071	5342	271	95.9	5.1	4.9		23.9	
					TOTAL	2912	309	2302	2603	301	89.4	11.6	10.3	2.66	31.29	31264	9946	18070	21318	3248	68.2	15.2	10.4	2.68	30.8	
<b>DUMPER,60 TE [ 3 ]</b>																										
HPD-101	4393	7122	BEML,BH-60	60 T	16-Nov-17	624	102	142	522	380	83.7	72.8	60.9	2.67	33.64	5616	1351	1536	4265	2729	75.9	64.0	48.6	2.65	35.3	
HPD-102	4119	7332	BEML,BH-60	60 T	23-Nov-17	624	51	173	573	400	91.8	69.8	64.1	2.58	34.43	5640	828	1599	4812	3213	85.3	66.8	57.0	2.60	36.7	
HPD-103		3328	BEML,BH-60	60 T	08-May-19	624	50	139	574	435	92.0	75.8	69.7	2.71	30.45	5520	655	1537	4865	3328	88.1	68.4	60.3	2.62	33.0	
					TOTAL	1248	153	315	1095	780	87.7	71.2	62.5	2.62	34.04	16776	2834	4672	13942	9270	83.1	66.5	55.3	1.68	35.0	
<b>DUMPER,100 TE [ 2 ]</b>																										
BH-97	10065	10132	BEML,BH-100	100 T	4-Aug-11	624	624							-	-	5616	4822	727	794	67	14.1	8.4	1.2	3.88	56.1	
BH-98	8133	8811	BEML,BH-100	100 T	04-Aug-11	624	22	533	602	69	96.5	11.5	11.1	2.91	56.19	5616	398	4540	5218	678	92.9	13.0	12.1	2.95	52.3	
					TOTAL	1248	646	533	602	69	48.2	11.5	5.5	2.91	56.19	11232	5220	5267	6012	745	53.5	12.4	6.6	3.03	52.7	
<b>DRILL [ 3 ]</b>																										
DM-7	23658	23690	AC - IDM-30	160mm	29-Jan-98	416	376	40	40		9.6			-	-	3744	3283	429	461	32	12.3	6.9	0.9	69.06	50.0	
DM-9	9778	10271	AC - IDM-30	160mm	30-Sep-09	416	126	198	290	92	69.7	31.7	22.1	20.47	39.35	3744	740	2511	3004	493	80.2	16.4	13.2	19.24	38.	

EQUIPMENTS	UTILIS. UPTO Mar'19	UTILIS. UPTO Jan-20	MAKE / TYPE	CAPACITY	DATE OF COMMISSION	January-20									2019-2020											
						SCH. HRS.	DOW N HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD/H R	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD /HR	
<b>EXCAVATORS[4]</b>																										
D-12A	18064	18064	BE 1000(D)	4.5 CuM	27-Apr-08	720	720								-	-	7264	7264								
D-12	10821	11566	BE 1600	7.5 CuM	16-Feb-11	720	720								-	-	7264	5480	1039	1784	745	24.6	41.8	10.3	3.9	57.7
D-14	25243	28899	KOMATSU	9.5 CuM	06-Apr-12	720	93	353	627	274	87.1	43.7	38.1	4.4	91.2	7264	1153	2455	6111	3656	84.1	59.8	50.3	5.4	91.1	
D-15	19415	21960	KOMATSU	9.5 CuM	31-Aug-15	720	43	375	677	302	94.0	44.6	41.9	5.6	75.8	7264	2627	2092	4637	2545	63.8	54.9	35.0	4.4	75.0	
D-16		1163	LIEBHERR	9.5 CuM	30-Sep-19	720	153	292	567	275	78.8	48.5	38.2	4.6	86.9	2872	510	1199	2362	1163	82.2	49.2	40.5	4.3	80.5	
						TOTAL	2880	1009	1020	1871	851	65.0	45.5	29.5	3.4	56.3	24664	9770	6785	14894	8109	60.4	54.4	32.9	4.8	81.5
<b>DUMPER,50 TE[3]</b>																										
R/D-85	18557	18561	BEML-BH-50M	50 Te	Mar- 08										-	-	6544	6525	15	19	4	0.3	21.1	0.1		50.0
R/D-86	20058	20060	BEML-BH-50M	50Te	Sep-08										-	-	6544	6525	17	19	2	0.3	10.5	0.0		166.5
R/D-87	17443	17443	BEML-BH-50M	50Te	Dec-08										-	-	6544	6544								
						TOTAL											19632	19594	32	38	6	0.2	15.8	0.0		88.8
<b>DUMPER,100 TE[6]</b>																										
R/D-88	23684	24271	KOMAT.HD785-7	100 T	10-Sep-10	720	82	140	638	498	88.6	78.1	69.2	2.9	46.3	7264	6462	215	802	587	11.0	73.2	8.1	2.9	46.3	
R/D-89	28005	32028	KOMAT.HD785-7	100 T	10-Sep-10	720	193	240	527	287	73.2	54.5	39.9	2.9	51.6	7264	2251	990	5013	4023	69.0	80.3	55.4	2.5	51.2	
R/D-90	18166	21783	CAT 777D	100 T	25-Jan-12	720	335	149	385	236	53.5	61.3	32.8	2.7	42.9	7264	2420	1227	4844	3617	66.7	74.7	49.8	2.6	49.1	
R/D-91	15754	18297	CAT 777D	100 T	25-Jan-12	720	151	300	569	269	79.0	47.3	37.4	3.6	43.2	7264	3611	1110	3653	2543	50.3	69.6	35.0	2.6	51.0	
R/D-92	11283	12826	BEML - BH 100	100 T	27-May-15	720	720								-	-	7264	5022	699	2242	1543	30.9	68.8	21.2	3.2	58.3
R/D-93	10157	12383	BEML - BH 100	100 T	10-Jun-15	720	422	213	298	85	41.4	28.5	11.8	3.0	65.3	7264	4093	945	3171	2226	43.7	70.2	30.6	2.7	58.2	
						TOTAL	4320	1903	1042	2417	1375	55.9	56.9	31.8	3.0	47.4	43584	23859	5186	19725	14539	45.3	73.7	33.4	2.7	52.3
<b>DRILL[4]</b>																										
DM-10	16316	17731	IR-ROTACOL-IDM-30	160mm	Feb- 04	480	201	188	279	91	58.1	32.6	19.0	16.4	39.0	4864	2113	1336	2751	1415	56.6	51.4	29.1	16.4	34.5	
DM-12A	8475	9231	AC-ROTACOL-IDM-30	160mm	Sep-08	480	88	199	392	193	81.7	49.2	40.2	15.7	45.6	4864	3370	738	1494	756	30.7	50.6	15.5	10.9	38.3	
DM-14	14244	14805	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	480	360	120	120		25.0			-	-	4864	3338	965	1526	561	31.4	36.8	11.5	17.0	43.1	
DM-15	6836	7313	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	480	360	120	120		25.0			-	-	4864	3840	547	1024	477	21.1	46.6	9.8	17.9	38.6	
						TOTAL	1920	1009	627	911	284	47.4	31.2	14.8	15.9	43.5	19456	12661	3586	6795	3209	34.9	47.2	16.5	15.4	37.5
<b>DOZER[6]</b>																										
DOZ-21	17420	17420	BEML D-355	410 HP	May- 03	720	720								-	-	6040	6032	8	8		0.1				
DOZ-22	16129	18735	BEML D-355	410 HP	Feb-04	720	373	344	347	3	48.2	0.9	0.4			6040	2214	1220	3826	2606	63.3	68.1	43.1		29.7	
DOZ-23	15463	16953	BEML D-355	410 HP	May-08	720	130	159	590	431	81.9	73.1	59.9		54.0	6040	3460	1090	2580	1490	42.7	57.8	24.7		35.5	
DOZ-24	13701	14252	BEML D-355	410 HP	Sep-08	480	359	120	121	1	25.2	0.8	0.2			5950										

**EQUIPMENT AVAILABILITY & UTILISATION**  
Jan-20

		NORM		KIRIBURU				MEGHAHATUBURU				BOLANI				BARSUA				GUA				UNIT IN %		
EQPMT TYPE		AV	UT	MTH		2019-20	MTH		2019-20	MTH		2019-20	MTH		2019-20	MTH		2019-20	MTH		CUM	AV	UT	AV	UT	
DRILL	150 mm	70	70	42	42	47	35	75	69	71	65	77	38	74	34	41	27	59	19	47	31	35	47			
SHOVEL	HYD(D) ≤4.5 m <sup>3</sup>	70	75					51	41	26	30	79	12	85	10	71	36	66	27							
	HYD(D) >4.5 m <sup>3</sup>	85	80	94	55	93	53	66	60	75	56	64	45	73	41	57	36	26	36	65	45	60	54			
DUMPER	85/ 60 tn	65	75			15	24													88	71	83	66			
	50 tn	70	80							5	14	49	9	39	10	89	12	68	15				0	16		
	100 tn	85	80	57	51	73	40	67	44	67	48	47	47	53	43	48	11	54	12	56	57	45	74			
DOZER		70	70	43	43	52	34	51	26	55	27	71	24	57	26	35	17	54	17	55	42	46	54			
CRUSHING PLANT		85	85					96	74	92	72	90	45	89	53											
SCREENING PLANT		85	85					91	80	87	70	93	40	90	67											
OHP		85	85	88	76	87	73	90	80	91	72								95	54	95	47	93	85	93	87

**Consumption of Key Consumables in 2019-20**  
**Kiriburu**

Item	HSD			Expl	Power	Lubricant								
	(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
<b>2019-20</b>	<b>1441922</b>	<b>280223</b>	<b>1722145</b>	<b>289780</b>	<b>25503335</b>	<b>74465</b>	<b>3010110</b>	<b>221610</b>	<b>1095390</b>	<b>49192</b>	<b>0.07</b>	<b>0.41</b>	<b>5.89</b>	<b>17.84</b>
<b>Apr-19</b>	153128	23205	176333	31340	2212440	1050	264510	40050	144360	28000	0.07	0.41	4.93	2.47
<b>May-19</b>	131458	26608	158066	29170	2272880	3780	260010	45000	187560	21192	0.06	0.34	4.61	8.14
<b>Jun-19</b>	103267	57595	160862	34315	2151160	10920	330630	30000	157950	0	0.07	0.32	4.15	22.01
<b>Jul-19</b>	165754	20280	186034	28627	2272560	8190	349740	10080	102600	0	0.06	0.41	4.91	18.01
<b>Aug-19</b>	156428	13830	170258	24642	2099264	6300	297990	22500	90360	0	0.06	0.43	5.11	15.99
<b>Sep-19</b>	119882	25150	145032	29835	2570178	5460	274230	23580	72360	0	0.08	0.41	6.94	15.49
<b>Oct-19</b>	156898	15480	172378	26821	2931826	9660	337680	0	65610	0	0.07	0.43	7.27	23.95
<b>Nov-19</b>	152386	5987	158373	22585	2831448	7980	299520	0	77580	0	0.06	0.42	7.51	21.16
<b>Dec-19</b>	149531	13123	162654	35015	2803828	15875	301860	0	126090	0	0.08	0.38	6.55	37.10
<b>Jan-20</b>	153190	78965	232155	27430	3357751	5250	293940	50400	70920	0	0.07	0.62	8.09	13.91

**Meghahatuburu**

Item	HSD			Expl	Power	Lubricant								
	(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
<b>2019-20</b>	<b>2135271</b>	<b>122030</b>	<b>2257301</b>	<b>491600</b>	<b>14892764</b>	<b>108579</b>	<b>3192430</b>	<b>23000</b>	<b>2700020</b>	<b>210620</b>	<b>0.08</b>	<b>0.38</b>	<b>2.52</b>	<b>18.25</b>
<b>Apr-19</b>	241434	14290	255724	49387	1198200	8918	330210	0	250800	0	0.09	0.44	2.06	15.35
<b>May-19</b>	240387	6290	246677	49607	1276800	10061	348300	0	251780	0	0.08	0.41	2.13	16.77
<b>Jun-19</b>	205620	19380	225000	45980	1186800	9912	335430	0	275670	0	0.08	0.37	1.94	16.22
<b>Jul-19</b>	192490	26410	218900	40903	1481280	11662	317610	0	271350	7521	0.07	0.37	2.52	19.74
<b>Aug-19</b>	220320	8680	229000	52975	1757760	10822	343100	7000	216090	12725	0.09	0.41	3.10	19.18
<b>Sep-19</b>	200780	20220	221000	52881	1746720	13874	293330	16000	274410	20180	0.09	0.38	2.99	24.05
<b>Oct-19</b>	211370	14630	226000	42379	1469400	13818	327510	0	269910	37952	0.07	0.37	2.46	22.77
<b>Nov-19</b>	214500	2470	216970	49301	1482720	7364	316890	0	275310	40701	0.08	0.36	2.50	12.22
<b>Dec-19</b>	207560	4470	212030	52485	1529324	10276	227520	0	330480	52941	0.09	0.37	2.74	17.99
<b>Jan-20</b>	200810	5190	206000	55702	1763760	11872	352530	0	284220	38600	0.08	0.32	2.77	18.37

## Consumption of Key Consumables in 2019-20

### 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)						0.11	0.43	4.8	25
<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	
<b>2019-20</b>	<b>2053821</b>	<b>808530.95</b>	<b>17310480</b>	<b>122484</b>	<b>3645340</b>	<b>1357064</b>	<b>1248020</b>	<b>599181</b>	<b>0.12</b>	<b>0.38</b>	<b>2.77</b>	<b>22.76</b>	
<b>Apr-19</b>	205659	99296	1673040	13316	382755	165831	84265	98990	0.14	0.39	2.64	24.97	
<b>May-19</b>	211646	77310	1754160	10370	415785	154721	63955	43236	0.11	0.40	2.76	19.59	
<b>Jun-19</b>	228123	92800	1812000	12572	429200	154465	106500	46600	0.13	0.39	2.63	21.46	
<b>Jul-19</b>	213010	85532	1710000	10976	425200	123598	72700	44822	0.13	0.39	2.75	20.33	
<b>Aug-19</b>	217404	72429.95	1774800	13290	407600	85451	88900	17081	0.12	0.42	3.05	25.45	
<b>Sep-19</b>	163364	61915	1483200	11494	178000	99302	281000	28279	0.11	0.33	2.66	23.41	
<b>Oct-19</b>	183739	57820	1675680	10500	363300	74335	88000	40118	0.10	0.38	3.19	21.88	
<b>Nov-19</b>	203818	90993	1721280	14210	386200	146053	80200	70812	0.13	0.39	2.81	27.29	
<b>Dec-19</b>	215837	80718	1911840	6720	398100	178834	100900	58240	0.11	0.39	2.82	12.04	
<b>Jan-20</b>	211221	89717	1794480	19036	259200	174474	281600	151003	0.10	0.34	2.51	30.60	

### Gua

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)						0.09	0.55	4.6	25
<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	
<b>2019-20</b>	<b>2221816</b>	<b>28335</b>	<b>2250151</b>	<b>327559.9</b>	<b>15569489</b>	<b>87430</b>	<b>2994640</b>	<b>0</b>	<b>516225</b>	<b>68000</b>	<b>0.09</b>	<b>0.64</b>	<b>4.43</b>	<b>24.78</b>	
<b>Apr-19</b>	235465	5600	241065	41226	1523870	9646	290790	0	44190	0	0.12	0.72	4.55	28.80	
<b>May-19</b>	223658	2000	225658	38149	1545863	10514	292950	0	80640	0	0.10	0.60	4.14	28.14	
<b>Jun-19</b>	241210	6825	248035	27832	1419973	3584	312750	0	42840	0	0.08	0.70	3.99	10.08	
<b>Jul-19</b>	219087	3310	222397	40974	1673210	10990	293490	0	25650	0	0.13	0.70	5.24	34.44	
<b>Aug-19</b>	232010	1400	233410	30070	1565881	10542	322830	0	55800	0	0.08	0.62	4.14	27.84	
<b>Sep-19</b>	230503	4200	234703	30297	1576512	8414	286830	0	30420	68000	0.08	0.70	4.97	25.17	
<b>Oct-19</b>	209341	0	209341	25265	1630224	9128	289080	0	36795	0	0.08	0.64	5.00	28.01	
<b>Nov-19</b>	214584	2000	216584	33480	1648872	6762	341920	0	32130	0	0.09	0.58	4.41	18.08	
<b>Dec-19</b>	191813	3000	194813	28162	1583172	7994	231400	0	93060	0	0.09	0.60	4.88	24.64	
<b>Jan-20</b>	224145	0	224145	32105	1401912	9856	332600	0	74700	0	0.08	0.55	3.44	24.20	

### Consumption of Key Consumables in 2019-20

#### Brasua -Taldih

Item	HSD			Expl	Power	Lubricant	BARSUA ROM	TALDIH ROM								
	(in Liter)		(in kg)						DEPTT	CONT	DEPTT	CONT	DEPT	CONT	0.08	0.46
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
<b>2019-20</b>	<b>1141883</b>	<b>194980</b>	<b>1336863</b>	<b>222969</b>	<b>11953740</b>	<b>37590</b>	<b>1403092</b>	<b>890903</b>	<b>483485</b>	<b>0</b>	<b>0</b>	<b>389377</b>	<b>0.07</b>	<b>0.71</b>	<b>6.34</b>	<b>19.92</b>
Apr-19	29027	3270	32297	8650	945837	1050	2412	45616	0	0	0	225	0.18	13.39	392.14	435.32
May-19	131976	340	132316	29956	1419687	4200	180023	53438	76820	0	0	0	0.10	0.52	5.53	16.35
Jun-19	128999	2140	131139	21756	655557	3780	160464	45903	58675	0	0	41886	0.07	0.60	2.99	17.25
Jul-19	111284	13715	124999	21376	1337317	5880	158842	73281	51180	0	0	43488	0.07	0.60	6.37	28.00
Aug-19	120817	23835	144652	18508	1215477	4830	135788	41820	51565	0	0	21348	0.07	0.77	6.49	25.78
Sep-19	119179	44230	163409	16375	1097237	2100	116906	85008	48235	0	0	42404	0.06	0.99	6.64	12.72
Oct-19	113884	39000	152884	15750	1124317	4200	144171	91285	55050	0	0	46025	0.05	0.77	5.64	21.08
Nov-19	132767	20960	153727	36150	1433757	4410	173268	140740	44325	0	0	71502	0.08	0.71	6.59	20.27
Dec-19	132589	21860	154449	28630	1204797	4410	170962	156266	41150	0	0	63628	0.07	0.73	5.68	20.79
Jan-20	121361	25630	146991	25818	1519757	2730	160256	157547	56485	0	0	58871	0.06	0.68	7.01	12.60

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	
(in Liter)	(in kg)	(in KWH)	(in Liter)	(T)		(in Liter)	(in kg)	(in KWH)	(in Liter)	(T)		(in kg)	(T)		(in kg)	(T)		
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
<b>2019-20</b>	<b>44261</b>	<b>126300</b>	<b>882760</b>	<b>510</b>	<b>1620084</b>	<b>0.08</b>	<b>60283</b>	<b>62525</b>	<b>1390637</b>	<b>517</b>	<b>620776</b>	<b>0.10</b>	<b>96150</b>	<b>1280356</b>	<b>0.08</b>	<b>159108</b>	<b>1875249</b>	<b>0.08</b>
Apr-19	4590	12400	82780	510	176200	0.07	6627	5825	122945	11	92799	0.06	8650	45841	0.19	18528	264821	0.07
May-19	3985	7875	86460	0	159400	0.05	6260	4800	138078	24	62702	0.08	6850	53438	0.13	11674	197957	0.06
Jun-19	7580	13550	54420	0	129100	0.10	8394	6600	131659	12	37068	0.18	8500	87789	0.10	21057	197045	0.11
Jul-19	7543	12025	52640	0	84200	0.14	6931	6000	141882	144	47976	0.13	8200	116769	0.07	8503	168420	0.05
Aug-19	3553	0	89780	0	27700	0.00	7094	2400	138148	61	65108	0.04	6850	63168	0.11	4515	102532	0.04
Sep-19	3035	6700	89500	0	26700	0.25	4128	4800	150540	26	46629	0.10	12025	127412	0.09		127581	0.00
Oct-19	3025	12825	66640	0	111400	0.12	7409	5400	131601	61	69265	0.08	10300	137310	0.08	3785	114453	0.03
Nov-19	3620	14600	117020	0	453784	0.03	5503	8200	122115	69	74933	0.11	14300	212242	0.07	29016	216865	0.13
Dec-19	3340	23825	114420	0	200100	0.12	3840	8000	139017	60	57495	0.14	8700	219893	0.04	28927	237074	0.12
Jan-20	3990	22500	129100	0	251500	0.09	4097	10500	174652	49	66801	0.16	11775	216494	0.05	33104	248501	0.13

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

Status as on JAN'2020

MINE	GRANTED	VALID	AREA	RENEWAL	FOREST CLEARANCE (FC)		ENVIRONMENTAL CLEARANCE (EC)	
					ON	UPTO		
<b>KBR-MBR</b>								
Lease-I	28.03.60	31.03.20	1936.06	17.02.09	Stage-II FC [644.26 Ha] granted by MoEF&CC vide letter dated 26.11.2014. Stage-I FC of South & Central Block (247.5 Ha) was granted by MoEFCC 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. After approval of MPSM on 08.06.2018, MoEFCC, ND requested GoJ on 26.06.2018 to provide some informations related to CA, Lease validity etc. In compliance to the asked information of Ministry, report submitted to DFO on 19.07.2018/31.07.2018 and final recommendation has been forwarded to MoEFCC, GoI on 08.11.2018 but same has been returned back to the Govt. of Jharkhand on 18.03.2019 seeking for some clarification especially the acceptance of earlier identified CA land. After consultation with concerned DFO, it was clarified that the earlier identified 500 ha CA land was now unacceptable for CA purpose due to forest growth. For resolving the matter, series of meeting was held & around 512 ha fresh degraded forest land was identified in Khunti (451 ha) & Gumla (61 ha) Forest Divisions during 02.08.2019 to 15.08.2019. Complete report submitted to DFO, Saranda on 21.08.2019 for further processing of the proposal. The compliance of the query sought by DFO, Saranda was submitted on 23.11.2019 & again DFO, Saranda on 28.11.2019 requested CF, Jamshedpur to provide the compartment no. and its area under Lease-I and 247.5 ha. The letter was submitted to the office of CF, Jamshedpur on 29.11.2019 . Clarification forwarded to CF by DFO on 04.12.19 & forwarded to Nodal office on 13.12.19. Again, CA scheme of Gumla Division was revised on 11.01.2020 and revised demand letter issued by DFO, Saranda on 25.01.2020 which is under process for payment.	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.		
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								
Lease - II	06.02.73	31.03.20	879.439	10.01.02	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.		
Lease - III	01.10.73	31.03.20	82	26.09.02	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 JAN'2020
MINE	GRANTED	VALID	AREA	RENEWAL	FOREST CLEARANCE (FC)	ENVIRONMENTAL CLEARANCE (EC)
	ON	UPTO	( in ha)	APPL.DATE	BOLANI	
<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. Consent to Operate for 12 MTPA capacity has been renewed on 28.03.2019 & Valid upto 31.03.2020.
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, MoEFC&CC vide letter dated 24.07.17 issued amended Stage-I FC order of Hal forest. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & respective schemes are approved on 27.10.2018 and in line with the demand letter received from DFO, Rs 16.35 Crore was paid. After complete compliance of Stage-I FC conditions, status report was submitted to DFO, Keonjhar on 29.12.2018 for onward submission for grant of Stage-II FC. However, due to change in labour wage rate, all the schemes have been revised and approved by the State Forest Department and directed to deposit the differential amounts. Differential amount of Rs. 2.9 Crores has been paid on 20.02.2019. The revised compliance report was submitted to DFO, Keonjhar on 23.02.2019. DFO, Keonjhar forwarded the proposal to RCCF, Rourkela on 25.03.2019. Stage - I FC compliance report 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 which is under process. A meeting in this regard held at HOFF office on 09.12.19. Identification of CA land is under process.	Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore. CTO for handling of 10 MTPA Iron ore lumps & fines and 15000 TPA Mn ore granted by OSPPCB & further renewed on 25.03.2019 with validity upto 31.03.2020. Also, Consent to Establish (CTE) for production of 15000 TPA Mn Ore was extended by OSPPCB upto 20.12.2023 on 22.05.2019.

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										Status as on JAN'2020
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)					ENVIRONMENT CLEARANCE (EC)
	ON	UPTO	( in ha)	APPL.DATE						
<b>GUA</b>										
Durgaiburu	22.02.49	21.02.79	1443.76	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. After subission of Stage- I compliance report to DFO on 02.06.2015 & verification of report, State Govt. forwarded the proposal to MoEFCC, New Delhi on 30.07.2015/23.09.2015 for grant of Stage-II FC. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 03.07.2018 requested GoJ to provide some informations. The desired informations were submitted to forest department on 19.07.2018 & forwarded to MoEFCC, Gol on 19.11.2018 but same has been returned back to the Govt. of Jharkhand on 28.02.2019 seeking for some clarification especially the acceptance of earlier identified CA land. After meeting with PCCF (Nodal), GoJ on 18.03.2019, it was directed to digitize the forest compartment maps, visit CA sites & find alternate CA lands. After regular follow up at different range, during the month of April & May, 2019, undertaken the process of CA site verification with concerned forest officials & SAIL team. After approval of CA scheme by concerned DFOs, forwarded to DFO, Saranda for necessary demand. Thereafter, demand has been raised by DFO, Saranda on 17.08.2019 but not done due to uncertainty in online system of forest department. After processing the proposal at CF & RCCF Office, the complete information was forwarded to PCCF (Nodal), GoJ on 22.08.2019 and further to Addl. Chief Secretary (Dept. of F, E & CC), GoJ on 25.08.2019. Proposal for grant opf Stage-II FC has been forwarded to MOEFCC, New Delhi on 01.10.2019. Additional information sought by MoEFCC on 15.11.2019 & PCCF (Nodal), GoJ was requested on 18.11.2019 and 21.11.2019 to comply the query desired by MoEFCC. Another meeting held on 03.12.19. The revised kml files & geo-referenced map has been prepared & submitted to DFO, Saranda in different period of time by Jan'2020 for further analysis of the report.	EC granted by MoEF on 25.03.2013. CTO for 12.5 MTPA renewed by JSPCB on 26.12.2016 for the period 01.01.2017 to 31.12.2020.				
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	210.526	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 identification is under progress.	ToR for conduting 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 13.11.17sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. 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 which is under compliance.				
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,&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.	EC has been granted by Jharkhand SEIAA, Ranchi on 10.12.2018 for production of 20820 TPA Manganese ore.				
	Lease period has been extended upto 11.05.2020 by Govt of Jharkhand on 30.10.2019 &lease deed executed on 17.01.2020 & registration done on 22.01.2020.									
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.	EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015.				
	Lease period has been extended upto 08.03.2040 by Govt of Jharkhand on 23.10.2019 & lease deed executed on 17.01.2020 & registration done on 22.01.2020									

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL							Status as on JAN'2020
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)	ENVIRONMENT CLEARANCE (EC)	
	ON	UPTO	( in ha)	APPL.DATE			
<b>CHIRIA</b>							
Budhaburu (McLellan)	08.12.45	31.03.20	823.617	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 GoJ to provide some informations. In line with that letter, GOJ asked the same on 31.08.2018	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	323.887	04.12.06 (2nd RML)	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	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	609.554	11.03.08 (2nd RML)	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.	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	513.036	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	06.01.60	05.01.30	2486.38	NA	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 a meeting was held on 29.10.2018 for settlement/ strategy of tree felling. Offer issued by M/s OFDC on 2.11.2018 for said proposal & job is under progress.	EC granted by MoEFCC vide letter dated 29th Oct'10. Amended EC for ML-130 lease was granted 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. CTO of Barsua Railway siding has been granted on 30.03.2019 with validity upto 31.03.2020.	
ML No.-162	29.04.60	28.04.30	77.94	21.04.99	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. Obtaining EC is under progress.	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL						
						Status as on JAN'2020
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)	ENVIRON. CLEARANCE (EC)
	ON	UPTO	( in ha)	APPL.DATE		
<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, 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. The completion of approved job related to closure plan is under process.	
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)		
SARAIYA	31.03.66	31.03.20	275	01.03.07 (3rd RML)		
PURNAPANI	06.01.80	31.03.20	230.525	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 24.12.2019 with validity up to 31.01.2021.
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.

**RMD MANPOWER POSITION AS ON 01.02.2020**

	<b>Executives</b>	<b>Non-Executives</b>	<b>Total</b>
<b>A. Ore Mines</b>			
Kiriburu	87	544	631
Meghatuburu	65	495	560
Bolani	89	474	563
Barsua	65	279	344
Kalta	15	58	73
Gua	57	481	538
Chiria	15	55	70
<b>A. Total</b>	<b>393</b>	<b>2386</b>	<b>2779</b>
<b>B. Flux Mines</b>			
Purnapani	0	5	5
Kuteshwar	25	71	96
BNP & TDMR	10	53	63
<b>B. Total</b>	<b>35</b>	<b>129</b>	<b>164</b>
<b>C. Offices</b>			
Kolkata	69	30	99
Rourkela	11	16	27
Bokaro	1	3	4
Durgapur	0	4	4
Delhi	4	2	6
Bhubaneswar	2	2	4
Ranchi	1	2	3
Burnpur	0	1	1
MT	19		19
<b>C. Total</b>	<b>107</b>	<b>60</b>	<b>167</b>
<b>Grand Total (A+B+C)</b>	<b>535</b>	<b>2575</b>	<b>3110</b>
Manpower as on 01.01.2020	533	2601	3134
Reduction(-)/Increase(+)	2	-26	-24

## ACCIDENT STATISTICS OF RMD MINES

	FATAL						SERIOUS						REPORTABLE						MANDAYS LOST							
	Jan-20			FY 2019-20			Jan-20			FY 2019-20			Jan-20			FY 2019-20			Jan-20			FY 2019-20				
	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																									103	103
Meghatuburu																									12	12
Bolani							1	1		1	1								16	16	57	16	73			
Barsua										1	1													58	58	
Taldih																										
Kalta																										
Gua																	2	2						100	100	
Manoharpur																	1	1						45	45	
Kuteshwar																										
Tulsidamar																										
<b>RMD Total</b>							1	1		2	2						4	4		16	16	317	74	391		

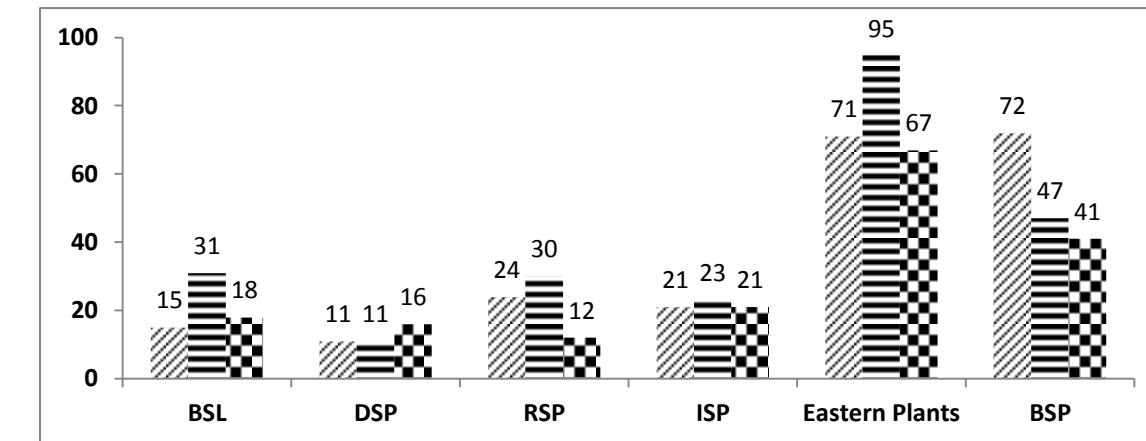
# IRON ORE STOCK INVENTORY BEHAVIOUR

January 2020

## IRON ORE LUMP

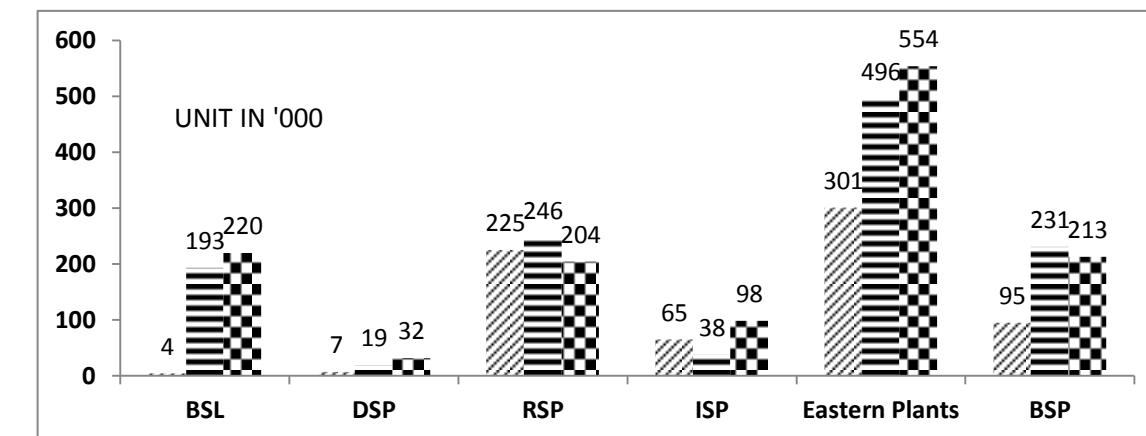
UNIT: '000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.01.2020	MTH	CUM	MTH	CUM	01.02.2020	MTH	YR
BSL	15	31	237	2099	247	2081	18	-13	3
DSP	11	11	128	1186	123	1187	16	5	5
RSP	24	30	219	1980	197	1585	12	-18	-12
ISP	21	23	109	902	96	860	21	-2	0
<b>Eastern Plants</b>	<b>71</b>	<b>95</b>	<b>693</b>	<b>6165</b>	<b>663</b>	<b>5713</b>	<b>67</b>	<b>-28</b>	<b>-4</b>
BSP	72	47			276	2624	41	-6	-31
<b>TOT</b>	<b>143</b>	<b>142</b>	<b>693</b>	<b>6165</b>	<b>939</b>	<b>8337</b>	<b>108</b>	<b>34</b>	<b>35</b>



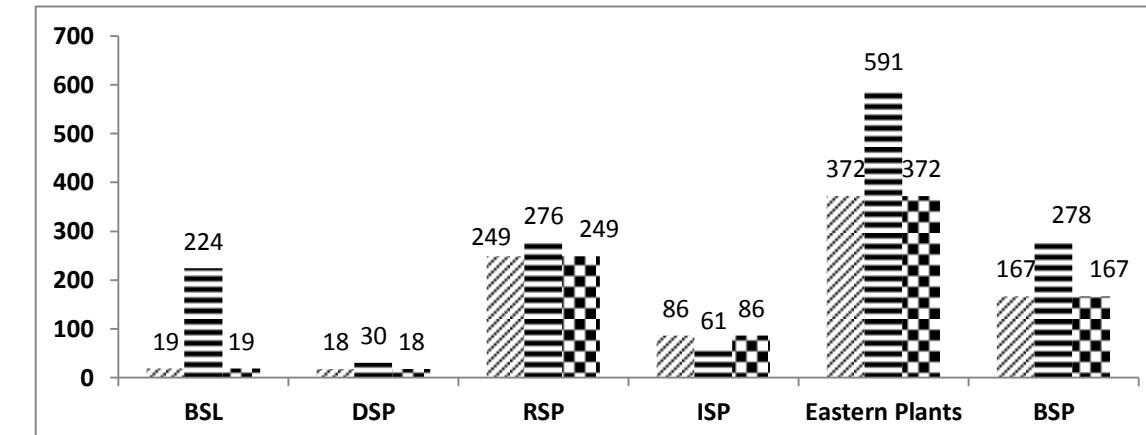
## IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.01.2020	MTH	CUM	MTH	CUM	01.02.2020	MTH	YR
BSL	4	193	326	3419	310	3468	220	27	216
DSP	7	19	239	2191	226	2166	32	13	25
RSP	225	246	331	3164	419	3496	204	-42	-21
ISP	65	38	356	2614	309	2828	98	60	33
<b>Eastern Plants</b>	<b>301</b>	<b>496</b>	<b>1251</b>	<b>11388</b>	<b>1264</b>	<b>11958</b>	<b>554</b>	<b>58</b>	<b>253</b>
BSP	95	231	<u>124</u>	<u>785</u>	463	3935	213	-18	118
<b>TOT</b>	<b>396</b>	<b>727</b>	<b>1375</b>	<b>12173</b>	<b>1727</b>	<b>15893</b>	<b>767</b>	<b>40</b>	<b>371</b>



## IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.01.2020	MTH	CUM	MTH	CUM	01.02.2020	MTH	YR
BSL	19	224	563	5518	557	5549	238	14	219
DSP	18	30	367	3377	349	3353	48	18	30
RSP	249	276	550	5143	616	5081	216	-60	-33
ISP	86	61	465	3516	405	3688	119	58	33
<b>Eastern Plants</b>	<b>372</b>	<b>591</b>	<b>1945</b>	<b>17554</b>	<b>1927</b>	<b>17671</b>	<b>621</b>	<b>30</b>	<b>249</b>
BSP	167	278	<u>124</u>	<u>785</u>	739	6559	254	-24	87
<b>TOT</b>	<b>539</b>	<b>869</b>	<b>2069</b>	<b>18339</b>	<b>2666</b>	<b>24230</b>	<b>875</b>	<b>6</b>	<b>336</b>



\* BSP RECEIPT FROM RMD MINES

# PRODUCTION PERFORMANCE

**January 2020**

## हॉट मेटल

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Jan 2019	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	411	357	87	352	1	3904	3368	86	3478	-3
दूर्गापूर	235	217	92	207	5	2189	2003	92	2104	-5
रातरकेला	335	314	94	362	-13	3365	2992	89	3175	-6
बर्नपूर	225	240	107	230	4	2225	2046	92	1752	17
पूर्वी इस्पात संयंत्र	1206	1128	94	1152	-2	11683	10410	89	10508	-1
भिलाई	584	427	73	406	5	5339	3992	75	3894	3
<b>TOTAL</b>	<b>1790</b>	<b>1556</b>	<b>87</b>	<b>1558</b>	<b>0</b>	<b>17022</b>	<b>14402</b>	<b>85</b>	<b>14401</b>	<b>0</b>

## सिन्तर

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Jan 2019	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	558	471	84	493	-5	4919	4755	97	4864	-2
दूर्गापूर	304	304	100	250	21	2818	2751	98	2796	-2
रातरकेला	545	513	94	596	-14	5448	4962	91	5228	-5
बर्नपूर	325	353	108	341	4	3239	3067	95	2660	15
पूर्वी इस्पात संयंत्र	1732	1640	95	1681	-2	16424	15535	95	15547	0
भिलाई	850	680	80	588	16	7750	6001	77	5663	6
<b>TOTAL</b>	<b>2582</b>	<b>2320</b>	<b>90</b>	<b>2269</b>	<b>2</b>	<b>24174</b>	<b>21536</b>	<b>89</b>	<b>21210</b>	<b>2</b>

**IRON ORE RECEIPTS FOR THE MONTH OF January 2020**

**FIGS IN '000 T**

Lump Receipt											
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	59	107	3	7		19	7		34		237
DSP			111	8			9				128
RSP	23	4		70	54	68					219
ISP			26				83				109
BSP											
TOT	82	110	141	85	54	87	99		34		693

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	155	104	23	13		20	9				326
DSP		19	209				10				239
RSP	7	43		80	84	87			29		331
ISP		75	93				188				356
BSP	82					34	8				124
TOT	245	241	326	93	84	142	215		29		1375

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	215	210	27	21		39	17		34		563
DSP		19	320	8			20				367
RSP	30	47		150	138	155			29		550
ISP		75	119				270				465
BSP	82					34	8				124
TOT	327	351	467	178	138	229	314		64		2069

**IRON ORE RECEIPTS TILL THE MONTH OF January 2020**

**FIGS IN '000 T**

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	251	541	448	385	186	23	39		226		2099
DSP		3	974	8			200				1186
RSP	624	348		197	122	620			68		1980
ISP	15		368				515		3		902
BSP											
<b>TOT</b>	<b>890</b>	<b>892</b>	<b>1790</b>	<b>590</b>	<b>308</b>	<b>643</b>	<b>754</b>		<b>298</b>		<b>6165</b>

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1096	895	412	630	131	70	96		90		3419
DSP		190	1638				363				2191
RSP	897	915		312	273	558	11		198		3164
ISP	34	401	996				1180		3		2614
BSP	384					42	357		3		785
<b>TOT</b>	<b>2411</b>	<b>2401</b>	<b>3046</b>	<b>942</b>	<b>404</b>	<b>670</b>	<b>2007</b>		<b>293</b>		<b>12173</b>

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1347	1436	860	1015	317	92	135		316		5518
DSP		193	2612	8			564				3377
RSP	1521	1263		509	395	1178	11		266		5143
ISP	49	401	1365				1694		7		3516
BSP	384					42	357		3		785
<b>TOT</b>	<b>3301</b>	<b>3293</b>	<b>4837</b>	<b>1531</b>	<b>712</b>	<b>1312</b>	<b>2761</b>		<b>591</b>		<b>18339</b>

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

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
<b>IRON ORE</b>										
<b>165 CLASS-170 CLASS</b>	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)	
	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
<b>FLUX</b>										
<b>145 CLASS -150 CLASS</b>	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>	559	<b>907.30</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)	
	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
<b>IRON ORE</b>										
<b>165 CLASS-170 CLASS</b>	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)	
	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
<b>FLUX</b>										
<b>145 CLASS -150 CLASS</b>	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>	559	<b>1095.56</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>