



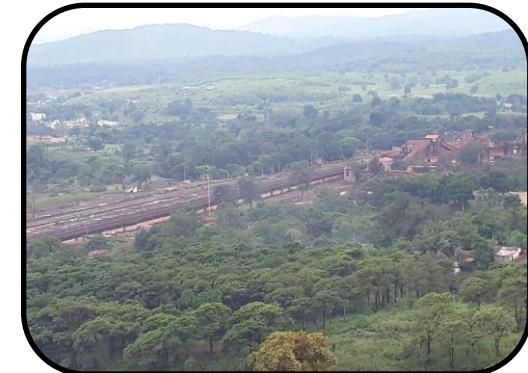
## RMD MONTHLY INFORMATICS



# APRIL-2021



PPC  
RMD KOLKATA



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# *Performance Highlights*

## *Production:*

1. *RMD(Iron Ore) has achieved 20. 66 Lakh T production with growth of 16.6 % wrt CPLY.*
2. *Meghahatuburu Iron Ore Mines and Kalta Iron Mines have achieved more than 100% of APP target.*
3. *Kalta Mines has achieved best ever Lump Production :: 1, 39, 500 T (Previous best -1,24,345 T in Jan'21).*
4. *Capital repair of Primary Crusher at Bolani Ores Mines successfully completed within the scheduled period.*
5. *Kuteshwar Limestone Mine has achieved more than 100% of APP target.*

## *Despatch:*

1. *RMD(Iron Ore) has achieved 20. 17 Lakh T with growth of 44.8 % wrt CPLY.*
2. *Meghahatuburu Iron Ore Mines and Kalta Iron Mines have achieved more than 100% of APP target.*
3. *Kalta Mines has achieved best ever Lump despatch:: 1, 49, 874 T (Previous best -1,31,151 T in Jan'21).*
4. *Kuteshwar Limestone Mine has achieved more than 100% of APP target.*

# *Performance Highlights*

## *Sale of Iron ore Fines:*

	<b>Apr-21</b>	<b>FY 21-22</b>
<b><i>Fresh Fines</i></b>		
Bolani	11,562.4	11,562.4
Barsua	59,196.8	59,196.8
<b>Sub Total</b>	<b>70,759.2</b>	<b>70,759.2</b>
<b><i>Others(Tailing &amp; Dump Fines)</i></b>		
Bolani(Dump Fines)	81,726.91	81,726.91
Barsua(Tailing)	78,477.70	78,477.70
Taldih(Dump Fines)	0.00	0.00
<b>Sub Total</b>	<b>1,60,204.81</b>	<b>1,60,204.81</b>
<b><i>Total(Fresh Fines, Tailing &amp; Dump Fines)</i></b>		
Bolani	93,289.31	93,289.31
Barsua	1,37,674.5	1,37,674.5
Taldih	0.00	0.00
<b>G. Total</b>	<b>2,30,963.81</b>	<b>2,30,963.81</b>

## Rake Despatch Performance

Unit: Nos of Rake

MINES	FOR THE MONTH OF APRIL-21					21-22 TILL THE MONTH OF APRIL-21				
	CBT	ACT	%FF	Apr'20	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
KIRIBURU	98	77	79	47	64	98	77	79	47	64
MEGHATUBURU	87	81	93	38	113	87	81	93	38	113
BOLANI	145	106	73	80	33	145	106	73	80	33
BARSUA	50	54	108	29	86	50	54	108	29	86
TALDIH	25	41	164	19	116	25	41	164	19	116
KALTA	55	79	144	94	-16	55	79	144	94	-16
GUA	95	90	95	61	48	95	90	95	61	48
CHIRIA	15	3	20	11	-73	15	3	20	11	-73
RMD TOTAL	570	531	93	379	40	570	531	93	379	40

PLANTS	COMM	FOR THE MONTH OF APRIL-21					21-22 TILL THE MONTH OF APRIL-21				
		CBT	ACT	%FF	Apr'20	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
BSL	LUMP		60.2		38.9	55		60.2	0.0	38.9	55
	FINES		87.8		57.1	54		87.8	0.0	57.1	54
	TOTAL	165	148.0	90	96.0	54	165	148.0	90	96.0	54
DSP	LUMP		36.4		21.0	73		36.4	0	21.0	73
	FINES		58.6		34.0	72		58.6	0	34.0	72
	TOTAL	80	95.0	119	55.0	73	80	95.0	119	55.0	73
RSP	LUMP		56.0		53.7	4		56.0	0	53.7	4
	FINES		112.0		73.3	53		112.0	0	73.3	53
	TOTAL	165	168.0	102	127.0	32	165	168.0	102	127.0	32
ISP	LUMP		11.8		26.0	-55		11.8	0	26.0	-55
	FINES		46.3		47.0	-2		46.3	0	47.0	-2
	TOTAL	130	58.0	45	73.0	-21	130	58.0	45	73.0	-21
BSP	LUMP		1.00		3.0	-67		1.0	0	3.0	-67
	FINES		25.0		12.0	108		25.0	0	12.0	108
	TOTAL	30	26.0	87	15.0	73	30	26.0	87	15.0	73
SALES	FINES		36.0		13.0	177		36.0		13.0	177
SAIL TOTAL	LUMP		165.3		142.6	16		165.3	0	142.6	16
	FINES		329.7		223.4	48		365.7		223.4	64
	TOTAL	570	531.0	93	379.0	40	570	531.0	93	379.0	40

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

Apr-21

**UNIT 000 TONNES**

**PRODUCTION**

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR Apr-20	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2020-21	TGT	ACT	%FF	LAST YR Apr-20		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	900	90	67	74.1	64	4.0	90	67	74.1	64	4.0	
	F	3200	310	244	78.8	207	18.2	310	244	78.8	207	18.2	
	T	4100	400	311	77.7	271	14.8	400	311	77.7	271	14.8	68
MEGHAHATUBURU 5000	L	750	70	68	96.5	52	30.5	70	68	96.5	52	30.5	
	F	2750	220	255	115.7	161	58.1	220	255	116	161	58.1	
	T	3500	290	322	111.1	213	51.4	290	322	111	213	51.4	77
BOLANI 6500	L	2100	155	124	80.2	136	-8.8	155	124	80.2	136	-8.8	
	F	4100	315	284	90.1	288	-1.6	315	284	90.1	288	-1.6	
	T	6200	470	408	86.8	424	-3.9	470	408	86.8	424	-3.9	75
BARSUA 2500	L	750	70	83	119.0	51	62.9	70	83	119	51	62.9	
	F	1450	195	151	77.4	86	76.3	195	151	77.4	86	76.3	
	T	2200	265	234	88.4	137	71.3	265	234	88.4	137	71.3	112
TALDIH 1000	L	350	40	56	140.2	34	66.9	40	56	140	34	66.9	
	F	650	150	97	64.8	37	164.5	150	97	64.8	37	164.5	
	T	1000	190	153	80.7	70	117.8	190	153	80.7	70	117.8	184
KALTA 2500	L	1100	150	140	93.0	107	30.6	150	140	93	107	30.6	
	F	1200	130	142	109.6	236	-39.6	130	142	110	236	-39.6	
	T	2300	280	282	100.7	343	-17.8	280	282	101	343	-17.8	135
GUA 4000	L	900	95	87	91.5	66	30.9	95	87	91.5	66	30.9	
	F	2700	265	253	95.3	210	20.0	265	253	95.3	210	20.0	
	T	3600	360	340	94.3	277	22.6	360	340	94.3	277	22.6	102
MANOHARPUR 750	L	350	30	5	17.4	18	-71.7	30	5	17.4	18	-71.7	
	F	400	35	10	30.0	18	-40.8	35	10	30	18	-40.8	
	T	750	65	16	24.1	36	-56.5	65	16	24.1	36	-56.5	8
TOTAL 27750	L	7200	700	630	89.9	529	19.1	700	630	89.9	529	19.1	
	F	16450	1620	1436	88.7	1242	15.6	1620	1436	88.7	1242	15.6	
	T	23650	2320	2066	89.0	1771	16.6	2320	2066	89	1771	16.6	89

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

Apr-21

UNIT 000 TONNES

**DESPATCHES**

MINE	COMM.	PLAN	FOR THE MONTH				GRTH % OVER LSTYR Apr-20	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON		
		2020-21	TGT	ACT	%FF	LAST YR Apr-20		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END
		L	900	90	60	66.5		66	-9.7	90	60		48	48	53
KIRIBURU	L	900	90	60	66.5	66	-9.7	90	60	66.5	66	-9.7	48	48	53
	F	3200	310	236	76.2	122	93.2	310	236	76.2	122	93.2	1111	1111	1118
	T	4100	400	296	74.0	189	57.0	400	296	74	189	57.0	1159	1159	1171
MEGHAHATUBURU	L	750	70	76	108.7	51	50.1	70	76	109	51	50.1	32	32	13
	F	2750	220	241	109.4	100	140.8	220	241	109	100	140.8	113	113	185
	T	3500	290	317	109.3	151	110.3	290	317	109	151	110.3	145	145	198
BOLANI	L	2100	155	124	80.1	129	-3.7	155	124	80.1	129	-3.7	95	95	90
	F	4100	315	286	90.8	178	60.7	315	286	90.8	178	60.7	1451	1451	1442
	T	6200	470	410	87.3	307	33.7	470	410	87.3	307	33.7	1546	1546	1532
BARSUA	L	750	70	74	105.7	51	44.2	70	74	106	51	44.2	67	67	76
	F	1450	195	128	65.4	47	172.7	195	128	65.4	47	172.7	308	308	236
	T	2200	265	202	76.1	98	105.5	265	202	76.1	98	105.5	375	375	312
TALDIH	L	350	40	51	128.6	28	80.9	40	51	129	28	80.9			11
	F	650	150	99	66.1	32	207.8	150	99	66.1	32	207.8	1	1	13
	T	1000	190	151	79.2	61	148.3	190	151	79.2	61	148.3	1	1	24
KALTA	L	1100	150	150	99.9	107	39.8	150	150	99.9	107	39.8	6	6	4
	F	1200	130	143	110.0	239	-40.2	130	143	110	239	-40.2	30	30	4
	T	2300	280	293	104.6	347	-15.5	280	293	105	347	-15.5	36	36	4
GUA	L	900	95	89	93.5	62	43.3	95	89	93.5	62	43.3	87	87	89
	F	2700	245	250	101.9	138	81.5	245	250	102	138	81.5	476	476	498
	T	3600	340	338	99.6	200	69.6	340	338	99.6	200	69.6	563	563	587
MANOHARPUR	L	350	30	4	12.4	22	-82.8	30	4	12.4	22	-82.8	8	8	11
	F	400	35	7	21.3	20	-62.9	35	7	21.3	20	-62.9	10	10	14
	T	750	65	11	17.2	42	-73.2	65	11	17.2	42	-73.2	18	18	25
TOTAL	L	7200	700	628	89.7	516	21.6	700	628	89.7	516	21.6	343	343	343
	F	16450	1600	1390	86.9	876	58.6	1600	1390	86.9	876	58.6	3500	3500	3510
	T	23650	2300	2018	87.7	1393	44.9	2300	2018	87.7	1393	44.9	3843	3843	3853

\* Bolani despatch Includes Dump Fines by Rail (27090.70 Te) for the Month of April'2021

\* Dump Fines by road in addition to Rail Despatch Bolani: 54721.36Te

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

**Apr-21**

UNIT '000 TE

DEVELOPMENT									
FOR MONTH			LAST YR Apr-20	GRTH %	TILL MONTH			LAST YR Apr-20	GRTH % LSTYR
TGT	ACT	%FF			TGT	ACT	%FF		

KIRIBURU	200	80	40	117	-32	200	80	40	117	-32
MEGHAHATUBURU	350	201	57	342	-41	350	201	57	342	-41
BOLANI	600	282	47	312	-10	600	282	47	312	-10
BARSUA	80	43	54	64	-33	80	43	54	64	-33
TALDIH	25	-		40	-100	25	-		40	-100
KALTA	25	-		-		25	-		-	
GUA	210	23	11	69	-67	210	23	11	69	-67
MANOHARPUR	13	22	173	-		13	22	173	-	
<b>TOTAL</b>	<b>1,503</b>	<b>651</b>	<b>43</b>	<b>946</b>	<b>-31</b>	<b>1,503</b>	<b>651</b>	<b>43</b>	<b>946</b>	<b>-31.1</b>

ROM									
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KIRIBURU	400	311	78	271	15	400	311	78	271	15
MEGHAHATUBURU	290	338	117	242	40	290	338	117	242	40
BOLANI	470	394	84	413	-5	470	394	84	413	-5
BARSUA	265	235	89	161	46	265	235	89	161	46
TALDIH	190	166	87	80	107	190	166	87	80	107
KALTA	280	301	108	351	-14	280	301	108	351	-14
GUA	360	340	94	277	23	360	340	94	277	23
MANOHARPUR	65	16	24	36	-57	65	16	24	36	-57
<b>TOTAL</b>	<b>2,320</b>	<b>2,099</b>	<b>90</b>	<b>1,831</b>	<b>15</b>	<b>2,320</b>	<b>2,099</b>	<b>90</b>	<b>1,831</b>	<b>14.6</b>

TOTAL EXCAVATION									
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KIRIBURU	600	391	65	388	1	600	391	65	388	1
MEGHAHATUBURU	640	539	84	584	-8	640	539	84	584	-8
BOLANI	1,070	676	63	726	-7	1,070	676	63	726	-7
BARSUA	345	278	80	225	23	345	278	80	225	23
TALDIH	215	166	77	120	38	215	166	77	120	38
KALTA	305	301	99	351	-14	305	301	99	351	-14
GUA	570	362	64	346	5	570	362	64	346	5
MANOHARPUR	78	38	49	36	6	78	38	49	36	6
<b>TOTAL</b>	<b>3,823</b>	<b>2,750</b>	<b>72</b>	<b>2,777</b>	<b>-1</b>	<b>3,823</b>	<b>2,750</b>	<b>72</b>	<b>2,777</b>	<b>-1.0</b>

## Performance against Last Year

Unit in Te	PREVIOUS YEAR EXCAVATION PERFORMANCE 2020-21																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB
Apr-20	387810	270810	117000	584381	242010	342371	725760	413388	312372	225072	160817	64255	120420	80030	40390	351000	351000		346122	276813	69309	36098	36098		2776663	1830966	945697
Total	387810	270810	117000	584381	242010	342371	725760	413388	312372	225072	160817	64255	120420	80030	40390	351000	351000		346122	276813	69309	36098	36098		2776663	1830966	945697

Unit in Te	THIS YEAR EXCAVATION PERFORMANCE 2021-22																										
	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-21	390600	310950	79650	539030	338040	200990	676036	393540	282496	277569	234549	43020	165700	165700		301000	301000		362090	339500	22590	38135	15696	22439	2750160	2098975	651185
Total	390600	310950	79650	539030	338040	200990	676036	393540	282496	277569	234549	43020	165700	165700		301000	301000		362090	339500	22590	38135	15696	22439	2750160	2098975	651185

Change Over Last Year																											
DIFF	2790	40140	-37350	-45351	96030	-141381	-49724	-19848	-29876	52497	73732	-21235	45280	85670	-40390	-50000	-50000	-50000	15968	62687	-46719	2037	-20402	22439	-26503	268009	-294512
%Chg	0.7	14.8	-31.9	-7.8	39.7	-41.3	-6.9	-4.8	-9.6	23.3	45.8	-33.0	37.6	107.0	-100.0	-14.2	-14.2	-	4.6	22.6	-67.4	5.6	-56.5	-	-1.0	14.6	-31.1

## Performance against Last Year

Unit in Te	PREVIOUS YEAR PRODUCTION PERFORMANCE 2020-21																											
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-20	64085	206725	270810	51803	160986	212789	136306	288167	424473	51170	85597	136767	33616	36738	70355	106802	235996	342798	66417	210396	276813	18389	17709	36098	528589	1242314	1770903	
Total	64085	206725	270810	51803	160986	212789	136306	288167	424473	51170	85597	136767	33616	36738	70355	106802	235996	342798	66417	210396	276813	18389	17709	36098	528589	1242314	1770903	
THIS YEAR PRODUCTION PERFORMANCE 2021-22																												
Unit in Te	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-21	66678	244272	310950	67582	254582	322164	124260	283700	407960	83334	150945	234279	56069	97155	153224	139500	142428	281928	86920	252580	339500	5206	10490	15696	629549	1436152	2065701	
Total	66678	244272	310950	67582	254582	322164	124260	283700	407960	83334	150945	234279	56069	97155	153224	139500	142428	281928	86920	252580	339500	5206	10490	15696	629549	1436152	2065701	
Change Over Last Year																												
DIFF	2593	37547	40140	15779	93596	109375	-12046	-4467	-16513	32164	65348	97512	22453	60417	82869	32698	-93568	-60870	20503	42184	62687	-13183	-7219	-20402	100960	193838	294798	
%Chg	4	18	15	30	58	51	-9	-2	-4	63	76	71	67	164	118	31	-40	-18	31	20	23	-72	-41	-57	19	16	17	

## Performance against Last Year

Unit in Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2020-21																										
	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-20	66305	122229	188534	50658	99991	150649	128843	178047	306890	51317	46778	98095	28439	32205	60644	107184	239373	346557	62011	137549	199560	21689	20062	41751	516447	876233	1392679
Total	66305	122229	188534	50658	99991	150649	128843	178047	306890	51317	46778	98095	28439	32205	60644	107184	239373	346557	62011	137549	199560	21689	20062	41751	516447	876233	1392679

	THIS YEAR DESPATCH PERFORMANCE 2021-22																										
	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-21	59888	236112	296000	76056	240780	316836	124107	286158	410265	73985	127580	201565	51437	99125	150562	149874	143044	292918	88839	249633	338472	3340	7086	10426	627526	1389518	2017044
Total	59888	236112	296000	76056	240780	316836	124107	286158	410265	73985	127580	201565	51437	99125	150562	149874	143044	292918	88839	249633	338472	3340	7086	10426	627526	1389518	2017044

Change Over Last Year

DIFF	-6417	113884	107467	25398	140789	166187	-4736	108111	103375	22668	80802	103470	22998	66920	89918	42690	-96329	-53639	26828	112084	138912	-18349	-12976	-31325	111079	513285	624364
%Chg	-9.7	93.2	57.0	50.1	140.8	110.3	-3.7	60.7	33.7	44.2	172.7	105.5	80.9	207.8	148.3	39.8	-40.2	-15.5	43.3	81.5	69.6	-84.6	-64.7	-75.0	21.5	58.6	44.8

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

Apr-21

बोकारो इस्पात संयंत

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL										
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB	82	56	68	82	56	68	66	-15	210	100	48	210	100	48	99	1	292	156	53	292	156	53	165	-5	
MBR	70	65	92	70	65	92	44	48	110	181	164	110	181	164	100	81	180	245	136	180	245	136	144	71	
BOL		28			28		22	27		56			56			9	504		83			83		31	169
BAR	65	48	75	65	48	75	3	1482									65	48	75	65	48	75	3	1482	
TAL																									
KAL		28			28											20	-100		28			28		20	44
GUA		2			2					2			2					3			3				
MPR	30	4	12	30	4	12	19	-80	35	7	21	35	7	21			65	11	17	65	11	17	19	-41	
RMD TOT	247	231	93	247	231	93	154	50	355	345	97	355	345	97	227	52	602	576	96	602	576	96	381	51	
DRZ																									
PUR																									
GR TOT	247	231	93	247	231	93	154	50	355	345	97	355	345	97	227	52	602	576	96	602	576	96	381	51	

FLUXES

KTR	36	44	123	36	44	123		
TDMR								
TOT	36	44	123	36	44	123		

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

Apr-21

द्वारापूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL										
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF			
KRB									4			4					4			4			4		
MBR		4			4				15			15					15	4	26	15	4	26			
BOL	155	92	59	155	92	59	86	7	195	142	73	195	142	73	128	11	350	234	67	350	234	67	214	9	
BAR																									
TAL																									
KAL																									
GUA		48			48					86			86					134			134				
MPR																									
RMD TOT	155	144	93	155	144	93	86	67	210	232	110	210	232	110	128	82	365	376	103	365	376	103	214	76	
DRZ																									
PUR																									
GR TOT	155	144	93	155	144	93	86	67	210	232	110	210	232	110	128	82	365	376	103	365	376	103	214	76	

**FLUXES**

KTR	6	4	67	6	4	67		
TDMR								
TOT	6	4	67	6	4	67		

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

Apr-21

**राउरकेला इस्पात संयंत्र**

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF			
KRB									36			36					36			36			36		
MBR		7			7		7	5	65	60	93	65	60	93			65	68	104	65	68	104	7	860	
BOL									20	42	212	20	42	212			20	42	212	20	42	212			
BAR	5	26	510	5	26	510	37	-31	75	68	91	75	68	91	16		332	80	94	117	80	94	117	53	78
TAL	40	51	129	40	51	129	28	81	150	99	66	150	99	66	32		208	190	151	79	190	151	79	61	148
KAL	150	122	81	150	122	81	107	13	130	143	110	130	143	110	196	-27	280	265	95	280	265	95	303	-13	
GUA																									
MPR							3	-100								20	-100							23	-100
RMD TOT	195	206	106	195	206	106	182	13	440	449	102	440	449	102	264	70	635	655	103	635	655	103	446	47	
DRZ																									
PUR																									
GR TOT	195	206	106	195	206	106	182	13	440	449	102	440	449	102	264	70	635	655	103	635	655	103	446	47	

**FLUXES**

KTR	8	16	201	8	16	201		
TDMR								
TOT	8	16	201	8	16	201		

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

Apr-21  
बनेपूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB																									
MBR									30			30					30			30			30		
BOL	5			5			21	-78		7			7			22	-68		12			12		43	-73
BAR																									
TAL																									
KAL																									
GUA	95	39	41	95	39	41	62	-38	245	162	66	245	162	66	138	18	340	201	59	340	201	59	200	1	
MPR																									
RMD TOT	95	43	45	95	43	45	83	-48	275	169	62	275	169	62	160	6	370	213	57	370	213	57	243	-12	
DRZ																									
PUR																									
GR TOT	95	43	45	95	43	45	83	-48	275	169	62	275	169	62	160	6	370	213	57	370	213	57	243	-12	
FLUXES																									
KTR																									
TDMR																									
TOT																									

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

Apr-21

ਭੇਲਾਈ ਇਸਪਾਤ ਸਂਘਰਤ

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	8	4	48	8	4	48			100	97	97	100	97	97	24	308	108	101	93	108	101	93	24	324
MBR																								
BOL																								
BAR							11	-100														11	-100	
TAL																								
KAL															23	-100							23	-100
GUA																								
MPR																								
RMD TOT	8	4	48	8	4	48	11	-66	100	97	97	100	97	97	47	105	108	101	93	108	101	93	59	72
DRZ																								
PUR																								
GR TOT	8	4	48	8	4	48	11	-66	100	97	97	100	97	97	47	105	108	101	93	108	101	93	59	72
FLUXES																								
KTR	28	20	72	28	20	72																		
TDMR																								
TOT	28	20	72	28	20	72																		

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**Apr-21**

**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	90	60	67	90	60	67	66	-10	310	236	76	310	236	76	122	93	400	296	74	400	296	74	189	57
MBR	70	76	109	70	76	109	51	50	220	241	109	220	241	109	100	141	290	317	109	290	317	109	151	110
BOL	155	124	80	155	124	80	129	-4	215	248	115	215	248	115	159	55	370	372	100	370	372	100	288	29
BAR	70	74	106	70	74	106	51	44	75	68	91	75	68	91	16	332	145	142	98	145	142	98	67	112
TAL	40	51	129	40	51	129	28	81	150	99	66	150	99	66	32	208	190	151	79	190	151	79	61	148
KAL	150	150	100	150	150	100	107	40	130	143	110	130	143	110	239	-40	280	293	105	280	293	105	347	-15
GUA	95	89	94	95	89	94	62	43	245	250	102	245	250	102	138	81	340	338	100	340	338	100	200	70
MPR	30	4	12	30	4	12	22	-83	35	7	21	35	7	21	20	-63	65	11	17	65	11	17	42	-73
RMD TOT	700	628	90	700	628	90	516	22	1380	1292	94	1380	1292	94	827	56	2080	1920	92	2080	1920	92	1343	43
DRZ																								
PUR																								
GR TOT	700	628	90	700	628	90	516	22	1380	1292	94	1380	1292	94	827	56	2080	1920	92	2080	1920	92	1343	43

**FLUXES**

KTR	78	84	108	78	84	108		
TDMR								
TOT	78	84	108	78	84	108		

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**Apr-21**

**Sale**

**UNIT '000 TONNES**

MINE	LUMP						FINES						TOTAL											
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB																								
MBR																								
BOL							100	39	39	100	39	39				100	39	39	100	39	39			
BAR							120	59	49	120	59	49				120	59	49	120	59	49			
TAL																								
KAL																								
GUA																								
RMD TOT							220	98	44	220	98	44				220	98	44	220	98	44			
PUR																								
DRZ																								
GR TOT							220	98	44	220	98	44				220	98	44	220	98	44			

## FLUX MINES OPERATIONS

Apr-21

UNIT 000 TONNES

### PRODUCTION

MINE		PLAN 2020-21	FOR THE MONTH				GRTH % OVER LSTYR Apr-20	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR Apr-20		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	750	76	80	105.3			76	80	105		
TULSIDAMAR	DOLO											
RMD TOTAL		750	76	80	105.3			76	80	105		

### DESPATCHES

MINE		PLAN 2020-21	FOR THE MONTH				GRTH % OVER LSTYR Apr-20	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR Apr-20		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	750	78	84	108.3			78	84	108		
TULSIDAMAR	DOLO											
RMD TOTAL		750	78	84	108.3			78	84	108		

## Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2020-21					
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-20						
Total						

THIS YEAR FLUX PERFORMANCE 2021-22						
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-21	80665	84832			80665	84832
Total	80665	84832			80665	84832

## Over Last Year

<b>DIFF</b>	<b>80665</b>	<b>84832</b>			<b>80665</b>	<b>84832</b>
<b>%Chg</b>	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

**QUALITY ANALYSED AT PLANT**

Apr-21

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाईन्स

FLUX

MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM											TDM	NORM					
	MTH ACT	62.16	3.75	2.43	14.51	29.19	61.36	4.77	2.74	6.03	42.43		MTH ACT					
CUM	2020-21	62.16	3.75	2.43	14.51	29.19	61.36	4.77	2.74	6.03	42.43	CUM	2020-21					
CUM	2019-20	62.26	3.92	2.18	18.77	20.83	61.4	4.88	2.52	6.02	40.38	CUM	2019-20					

MBR	NORM										KTR	NORM						
	MTH ACT	61.39	5.14	2.2	18.41	23.69	60.4	6.58	2.41	6.15	42.65	MTH ACT	42.81	4.33	4.03	5.6	30.2	
CUM	2020-21	61.39	5.14	2.2	18.41	23.69	60.4	6.58	2.41	6.15	42.65	CUM	2020-21	42.81	4.33	4.03	5.60	30.20
CUM	2019-20	61.89	4.25	2.4	16.74	24.25	60.98	5.24	2.84	5.88	39.49	CUM	2019-20	43.27	4.73	3.9	7.25	27.43

BOL	NORM										KTR	NORM						
	MTH ACT	62.69	7.65	2.41	31.3	26.1	61.37	4.64	2.85	6.19	21.03	MTH ACT	42.81	4.33	4.03	5.6	30.2	
CUM	2020-21	62.69	7.65	2.41	31.3	26.1	61.37	4.64	2.85	6.19	21.03	CUM	2020-21	42.81	4.33	4.03	5.60	30.20
CUM	2019-20	62.52	3.47	2.22	22.01	20.04	61.74	4.31	2.59	6.19	38.84	CUM	2019-20	43.27	4.73	3.9	7.25	27.43

BAR	NORM										KTR	NORM						
	MTH ACT	61.67	3.69	3.28	26.36	17.74						MTH ACT	42.81	4.33	4.03	5.6	30.2	
CUM	2020-21	61.67	3.69	3.28	26.36	17.74					CUM	2020-21	42.81	4.33	4.03	5.60	30.20	
CUM	2019-20	62.38	3.14	2.8	17.97	23.6	61.35	4.82	2.83	6.05	41.05	CUM	2019-20	43.27	4.73	3.9	7.25	27.43

KAL	NORM										KTR	NORM						
	MTH ACT	63.27	3.25	2.26	10.8	13.9						MTH ACT	42.81	4.33	4.03	5.6	30.2	
CUM	2020-21	63.27	3.25	2.26	10.8	13.9					CUM	2020-21	42.81	4.33	4.03	5.60	30.20	
CUM	2019-20						62.86	3.32	2.25	3.49	33.19	CUM	2019-20	43.27	4.73	3.9	7.25	27.43

MPR	NORM										KTR	NORM						
	MTH ACT	63.49	2.52	2.1	7.3	11.9	63.37	2.58	2.14	5	36.2	MTH ACT	42.81	4.33	4.03	5.6	30.2	
CUM	2020-21	63.49	2.52	2.1	7.3	11.9	63.37	2.58	2.14	5	36.2	CUM	2020-21	42.81	4.33	4.03	5.60	30.20
CUM	2019-20	63.2	2.75	2.11	9.47	13.3	62.85	3.25	2.23	4.6	32.52	CUM	2019-20	43.27	4.73	3.9	7.25	27.43

**QUALITY ANALYSED AT PLANT**

**Apr-21**

**द्रगांपूर 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											TDM	NORM					
	MTH ACT						60.3	4.6	3.9	3.65	48.05		MTH ACT					
CUM	2020-21						60.3	4.6	3.9	3.65	48.05	CUM	2020-21					
CUM	2019-20						61.72	3.91	2.66	12.64	40.52	CUM	2019-20					

MBR	NORM										KTR	NORM						
	MTH ACT	58.45	8.75	3.55	32.95	14.95						MTH ACT						
CUM	2020-21	58.45	8.75	3.55	32.95	14.95					CUM	2020-21						
CUM	2019-20						60.18	6.4	3.16	8.79	42.17	CUM	2019-20	45.69	1.75	4.08	10.32	10.41

GUA	NORM										KTR	NORM					
	MTH ACT	60.13	3.91	3.48	14.73	15.24	58.87	5.54	4.7	5.74	KTR	MTH ACT					
CUM	2020-21	60.13	3.91	3.48	14.73	15.24	58.87	5.54	4.7	5.74	CUM	2020-21					
CUM	2019-20	60.25	6.1	2.2	15.4	13.8	61.37	5.06	2.37	5.34	CUM	2019-20	45.69	1.75	4.08	10.32	10.41

BOL	NORM										KTR	NORM					
	MTH ACT	61.17	2.46	3.22	28.43	14.74	61.07	3.87	3.49	7.64		MTH ACT					
CUM	2020-21	61.17	2.46	3.22	28.43	14.74	61.07	3.87	3.49	7.64	CUM	2020-21					
CUM	2019-20	62.18	2.75	2	28.57	11.06	62.18	3.21	2.54	10.07	CUM	2019-20					

**QUALITY ANALYSED AT PLANT**

Apr-21

राउरकेला इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाईन्स

FLUX

MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM											TDM	NORM					
	MTH ACT						60.46	4.99	3.48	8.15	40.46		MTH ACT					
CUM	2020-21						60.46	4.99	3.48	8.15	40.46	CUM	2020-21					
CUM	2019-20	62.19	3.41	2.79	13.64	19.54	61.32	4.28	2.88	7.13	39.18	CUM	2019-20					

MBR	NORM											KTR	NORM					
	MTH ACT	62.10	3.50	2.80	18.00	18.00	60.08	5.99	3.08	8.00	40.67		MTH ACT	49.48	2.73	3.49		6.00
CUM	2020-21	62.10	3.50	2.80	18.00	18.00	60.08	5.99	3.08	8.00	40.67	CUM	2020-21	49.48	2.73	3.49	6.00	
CUM	2019-20	61.50	4.51	2.68	8.56	16.91	60.86	4.72	3.13	7.29	40.04	CUM	2019-20	49.25	2.95	3.45		

BAR	NORM											KTR	NORM					
	MTH ACT	62.71	2.88	2.59	9.89	17.06	61.91	3.43	2.94	6.21	38.71		MTH ACT	49.48	2.73	3.49		6.00
CUM	2020-21	62.71	2.88	2.59	9.89	17.06	61.91	3.43	2.94	6.21	38.71	CUM	2020-21	49.48	2.73	3.49	6.00	
CUM	2019-20	62.25	3.09	2.99	9.17	20.38	61.35	3.66	3.48	7.34	40.18	CUM	2019-20	49.25	2.95	3.45		

KAL	NORM											KTR	NORM					
	MTH ACT	63.24	2.43	2.30	4.21	9.33	62.88	2.69	2.31	4.75	37.21		MTH ACT	49.48	2.73	3.49		6.00
CUM	2020-21	63.24	2.43	2.30	4.21	9.33	62.88	2.69	2.31	4.75	37.21	CUM	2020-21	49.48	2.73	3.49	6.00	
CUM	2019-20	63.15	2.39	2.40	5.79	13.15	62.81	2.64	2.41	5.60	38.25	CUM	2019-20	49.25	2.95	3.45		

MPR	NORM											KTR	NORM					
	MTH ACT												MTH ACT					
CUM	2020-21											CUM						
CUM	2019-20	63.25	2.29	2.36	3.27	7.08	63.07	2.30	2.37	5.84	34.70	CUM						

TAL	NORM											KTR	NORM					
	MTH ACT	62.70	2.85	2.55	9.50	17.00	62.00	3.45	2.90	6.20	38.70		MTH ACT					
CUM	2020-21	62.70	2.85	2.55	9.50	17.00	62.00	3.45	2.90	6.20	38.70	CUM						
CUM	2019-20	62.85	2.65	2.60	6.13	16.22	62.33	2.82	2.84	5.85	38.66	CUM						

**QUALITY ANALYSED AT PLANT**

**Apr-21**

**बर्नपूर इस्पात संयंत्र**

**लौह अयस्क लम्प**

**लौह अयस्क फार्मिन्स**

**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											TDM	NORM					
	MTH ACT												MTH ACT					
CUM	2020-21											CUM	2020-21					
CUM	2019-20						60.82	5.35	3.11	9.14	41.77	CUM	2019-20					

MBR	NORM											KTR	NORM					
	MTH ACT												MTH ACT					
CUM	2020-21											CUM	2020-21					
CUM	2019-20						61.35	4.59	3.27	9.36	38.65	CUM	2019-20					

GUA	NORM											KTR	NORM					
	MTH ACT	62.86	3.47	2.00	11.73	3.34	61.09	4.30	3.72	7.48	44.18		MTH ACT					
CUM	2020-21	62.86	3.47	2.00	11.73	3.34	61.09	4.30	3.72	7.48	44.18	CUM	2020-21					
CUM	2019-20	63.18	3.44	1.86	14.64	4.3	62.14	4.01	2.76	7.95	42.33	CUM	2019-20					

BOL	NORM											KTR	NORM					
	MTH ACT	59.93	6.18	3.45	5.07	2.46	60.75	5.17	3.74	8.86	44.71		MTH ACT					
CUM	2020-21	59.93	6.18	3.45	5.07	2.46	60.75	5.17	3.74	8.86	44.71	CUM	2020-21					
CUM	2019-20	63.09	3.46	1.86	21.63	4.36	61.73	4.21	3.07	8.84	41.01	CUM	2019-20					

**QUALITY ANALYSED AT PLANT**

Apr-21

**भिलाई इस्पात संयत्र**

**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											TDM	NORM					
	MTH ACT						60.76	4.50	3.29	9.66	55.24		MTH ACT					
CUM	2020-21						60.76	4.50	3.29	9.66	55.24	CUM	2020-21					
CUM	2019-20						61.41	4.48	2.51	8.08	46.61	CUM	2019-20					

MBR	NORM										KTR	NORM					
	MTH ACT											MTH ACT	49.01	2.50	4.16	8.90	16.17
CUM	2020-21										CUM	2020-21	49.01	2.50	4.16	8.90	16.17
CUM	2019-20										CUM	2019-20	49.81	2.23	3.85	8.24	16.00

GUA	NORM										CUM						
	MTH ACT											MTH ACT	49.01	2.50	4.16	8.90	16.17
CUM	2020-21										CUM	2020-21	49.01	2.50	4.16	8.90	16.17
CUM	2019-20						60.18	6.36	3.26	4.03	CUM	2019-20	49.81	2.23	3.85	8.24	16.00

BAR	NORM										CUM						
	MTH ACT											MTH ACT	49.01	2.50	4.16	8.90	16.17
CUM	2020-21										CUM	2020-21	49.01	2.50	4.16	8.90	16.17
CUM	2019-20	61.61	3.27	3.25	40.63	10.59					CUM	2019-20	49.81	2.23	3.85	8.24	16.00

KAL	NORM										CUM						
	MTH ACT											MTH ACT	49.01	2.50	4.16	8.90	16.17
CUM	2020-21										CUM	2020-21	49.01	2.50	4.16	8.90	16.17
CUM	2019-20						63.7	3.55	2.64	1.35	CUM	2019-20	49.81	2.23	3.85	8.24	16.00

**किरीबुरु**

**लम्प**

	Fe	SiO2	Al2O3	OS	US	Al+Si	AI/Si	PLANT RCT
Act 20-21	62.25	3.89	2.22	18.45	20.76	6.11	0.57	831233
APP 21-22	62.30	3.90	2.20	10.00	10.00	6.10	0.56	
Apr-21	62.16	3.75	2.43	14.51	29.19	6.18	0.65	64101
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	62.16	3.75	2.43	14.51	29.19	6.18	0.65	64101

**किरीबुरु**

**फाईन्स**

	Fe	SiO2	Al2O3	OS	US	Al+Si	AI/Si	PLANT RCT
Act 20-21	61.37	4.65	2.64	6.99	41.53	7.28	0.57	2874927
APP 21-22	61.50	4.80	3.00	7.00	40.00	7.80	0.63	
Apr-21	60.94	4.69	3.11	7.85	47.51	7.80	0.66	230486
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	60.94	4.69	3.11	7.85	47.51	7.80	0.66	230486

**मेघाहातुबुरु**

**लम्प**

	Fe	SiO2	Al2O3	OS	US	Al+Si	AI/Si	PLANT RCT
Act 20-21	61.85	4.28	2.43	15.95	23.64	6.71	0.57	798958
APP 21-22	62.00	4.20	2.40	10.00	10.00	6.60	0.57	
Apr-21	61.26	5.26	2.31	19.25	22.85	7.58	0.44	65339
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	61.26	5.26	2.31	19.25	22.85	7.58	0.44	65339

**मेघाहातुबुरु**

**फाईन्स**

	Fe	SiO2	Al2O3	OS	US	Al+Si	AI/Si	PLANT RCT
Act 20-21	61.00	4.97	3.00	7.06	39.66	7.98	0.60	2240510
APP 21-22	61.00	5.00	3.00	7.00	40.00	8.00	0.60	
Apr-21	60.32	6.44	2.57	6.58	42.19	9.01	0.40	260942
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	60.32	6.44	2.57	6.58	42.19	9.01	0.40	260942

बोलानी

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	62.36	3.01	2.05	26.10	12.95	5.07	0.68	1947393
APP 21-22	62.50	3.00	2.20	10.00	10.00	5.20	0.73	
Apr-21	61.43	3.77	3.06	27.80	16.51	6.82	0.81	125359
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	61.43	3.77	3.06	27.80	16.51	6.82	0.81	125359

बोलानी

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	62.01	3.61	2.63	8.97	39.35	6.24	0.73	2846503
APP 21-22	62.10	3.50	2.50	7.00	40.00	6.00	0.71	
Apr-21	61.13	4.14	3.34	7.32	38.56	7.47	0.81	203199
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	61.13	4.14	3.34	7.32	38.56	7.47	0.81	203199

गुआ

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	62.51	3.70	1.88	14.72	5.42	5.58	0.51	852683
APP 21-22	62.50	3.60	2.20	10.00	10.00	5.80	0.61	
Apr-21	61.37	3.71	2.81	13.37	9.83	6.52	0.76	88864
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	61.37	3.71	2.81	13.37	9.83	6.52	0.76	88864

गुआ

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	62.06	4.11	2.72	7.67	42.74	6.83	0.66	2130200
APP 21-22	62.00	3.80	2.70	7.00	40.00	6.50	0.71	
Apr-21	60.39	4.69	4.03	6.93	44.04	8.72	0.86	238418
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	60.39	4.69	4.03	6.93	44.04	8.72	0.86	238418

**बरसुआ**

**लम्प**

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	62.27	3.10	2.95	12.70	19.96	6.05	0.95	671452
APP 21-22	62.30	3.00	2.95	10.00	10.00	5.95	0.98	
Apr-21	61.67	3.69	3.28	26.36	17.74	6.97	0.89	61753
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	61.67	3.69	3.28	26.36	17.74	6.97	0.89	61753

**बरसुआ**

**फाईन्स**

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	61.37	3.67	3.46	7.30	40.15	7.13	0.94	821950
APP 21-22	61.30	3.60	3.60	7.00	40.00	7.20	1.00	
Apr-21	61.91	3.43	2.94	6.21	38.71	6.37	0.86	48485
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	61.91	3.43	2.94	6.21	38.71	6.37	0.86	48485

**तल्डीह**

**लम्प**

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	62.84	2.59	2.64	6.16	16.10	5.23	1.02	502157
APP 21-22	62.50	2.40	2.40	5.00	10.00	4.80	1.00	
Apr-21	62.70	2.85	2.55	9.50	17.00	5.40	0.89	51437
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	62.70	2.85	2.55	9.50	17.00	5.40	0.89	51437

**तल्डीह**

**फाईन्स**

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	62.47	2.65	2.75	5.73	38.55	5.41	1.04	611665
APP 21-22	62.20	3.00	3.00	5.00	40.00	6.00	1.00	
Apr-21	62.00	3.45	2.90	6.20	38.70	6.35	0.84	99125
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	62.00	3.45	2.90	6.20	38.70	6.35	0.84	99125

मनोहरपूर

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	63.20	2.74	2.12	9.44	13.27	4.85	0.77	271141
APP 21-22	63.00	2.50	2.20	10.00	10.00	4.70	0.88	
Apr-21	63.49	2.52	2.10	7.30	11.90	4.62	0.83	6820
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	63.49	2.52	2.10	7.30	11.90	4.62	0.83	6820

काल्टा

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	63.15	2.38	2.40	5.81	13.14	4.78	1.01	1047887
APP 21-22	63.00	2.60	2.20	5.00	5.00	4.80	0.85	
Apr-21	63.24	2.53	2.29	5.04	9.90	4.83	0.91	128738
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	63.24	2.53	2.29	5.04	9.90	4.83	0.91	128738

मनोहरपूर

फाईंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	62.91	3.02	2.27	5.01	33.79	5.29	0.75	277485
APP 21-22	63.00	2.80	2.40	5.00	40.00	5.20	0.86	
Apr-21	63.37	2.58	2.14	5.00	36.20	4.72	0.83	3559
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	63.37	2.58	2.14	5.00	36.20	4.72	0.83	3559

काल्टा

फाईंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 20-21	62.82	2.73	2.40	5.33	37.87	5.12	0.88	1450695
APP 21-22	63.00	2.90	2.50	5.00	40.00	5.40	0.86	
Apr-21	62.88	2.69	2.31	4.75	37.21	5.00	0.86	146709
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	62.88	2.69	2.31	4.75	37.21	5.00	0.86	146709

गुणवत्ता :: बोकारो

लम्प

BLEND	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 20-21	62.92	2.85	2.20	17.50	17.40	5.05	0.77	
APP 21-22	62.36	3.54	2.27	10.00	10.00	5.81	0.64	
Apr-21	62.06	4.56	2.49	19.41	23.39	7.05	0.55	204562
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	62.06	4.56	2.49	19.41	23.39	7.05	0.55	204562

गुणवत्ता:: द्रगोपूर

लम्प

BLEND	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 20-21	62.00	3.15	2.06	23.31	12.37	5.21	0.65	
APP 21-22	62.50	3.00	2.20	10.00	10.00	5.20	0.73	
Apr-21	60.75	3.12	3.32	23.95	14.91	6.43	1.06	144296
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	60.75	3.12	3.32	23.95	14.91	6.43	1.06	144296

गुणवत्ता :: बोकारो

फाईन्स

BLEND	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 20-21	61.51	4.37	2.68	6.77	34.33	7.05	0.61	
APP 21-22	61.63	4.43	2.86	5.00	40.00	7.29	0.64	
Apr-21	60.83	5.77	2.56	6.11	39.23	8.33	0.44	348595
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	60.83	5.77	2.56	6.11	39.23	8.33	0.44	348595

गुणवत्ता:: द्रगोपूर

फाईन्स

BLEND	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 20-21	62.23	3.40	2.60	7.03	43.00	6.00	0.76	
APP 21-22	62.02	3.61	2.54	5.00	40.00	6.15	0.70	
Apr-21	60.30	4.46	3.91	6.92	44.47	8.37	0.88	218750
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	60.30	4.46	3.91	6.92	44.47	8.37	0.88	218750

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 20-21	62.58	3.21	2.63	12.70	18.53	5.84	0.82	
APP 21-22	62.70	2.68	2.46	10.00	10.00	5.14	0.92	
Apr-21	63.05	2.58	2.39	6.13	11.87	4.97	0.92	167680
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	63.05	2.58	2.39	6.13	11.87	4.97	0.92	167680

गुणवत्ता :: राउरकेला

BLEND

फाईस

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 20-21	61.97	3.57	2.66			6.23	0.75	
APP 21-22	62.18	3.40	2.90	5.00	40.00	6.29	0.85	
Apr-21	61.87	3.71	2.77			6.48	0.75	394275
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	61.87	3.71	2.77			6.48	0.75	394275

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

लम्प

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 20-21	63.10	3.60	1.82	17.42	6.44	5.41	0.50	
APP 21-22	62.50	3.48	2.20	10.00	10.00	5.68	0.63	
Apr-21	62.45	3.85	2.21	10.79	3.22	6.06	0.57	47029
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	62.45	3.85	2.21	10.79	3.22	6.06	0.57	47029

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

फाईस

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 20-21	62.65	3.88	2.22	7.84	43.54	6.10	0.57	
APP 21-22	61.91	3.88	2.70	5.00	40.00	6.59	0.70	
Apr-21	61.07	4.35	3.72	7.56	44.21	8.07	0.86	173564
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Oct-21								
Nov-21								
Dec-21								
Jan-22								
Feb-22								
Mar-22								
CUMML	61.07	4.35	3.72	7.56	44.21	8.07	0.86	173564

### भिलाई

### BF Limestone

	CaO	MgO	SiO2	OS	US
Act 20-21	49.81	2.23	3.85	8.24	16.00
APP 21-22	50.00	2.25	3.50	5.00	5.00
Apr-21	49.01	2.50	4.16	8.90	16.17
May-21					
Jun-21					
Jul-21					
Aug-21					
Sep-21					
Oct-21					
Nov-21					
Dec-21					
Jan-22					
Feb-22					
Mar-22					
CUMML	49.01	2.50	4.16	8.90	16.17

### बोकारो

### BF Limestone

	CaO	MgO	SiO2	OS	US
Act 20-21	43.27	4.73	3.90	7.25	27.43
APP 21-22	50.00	2.25	3.50	5.00	5.00
Apr-21	42.81	4.33	4.03	5.60	30.20
May-21					
Jun-21					
Jul-21					
Aug-21					
Sep-21					
Oct-21					
Nov-21					
Dec-21					
Jan-22					
Feb-22					
Mar-22					
CUMML	42.81	4.33	4.03	5.60	30.20

### राउरकेला

### BF Limestone

	CaO	MgO	SiO2	OS	US
Act 20-21	49.25	2.95	3.45		
APP 21-22	50.00	2.25	3.50	5.00	5.00
Apr-21	49.48	2.73	3.49		6.00
May-21					
Jun-21					
Jul-21					
Aug-21					
Sep-21					
Oct-21					
Nov-21					
Dec-21					
Jan-22					
Feb-22					
Mar-22					
CUMML	49.48	2.73	3.49		6.00

### कुटेश्वर

### PLANT BLEND Limestone

	CaO	MgO	SiO2	OS	US
Act 20-21	47.44	3.30	3.73	5.16	14.48
APP 21-22	50.00	2.25	3.50	5.00	5.00
Apr-21	45.86	3.51	3.95	5.28	21.36
May-21					
Jun-21					
Jul-21					
Aug-21					
Sep-21					
Oct-21					
Nov-21					
Dec-21					
Jan-22					
Feb-22					
Mar-22					
CUMML	45.86	3.51	3.95	5.28	21.36

## KIRIBURU IRON ORE MINES

## Equipment Performance Report



SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar-21	UTILIS. UPTO Apr-21	MAKE / TYPE	CAP	DATE OF COMMISSION	April-21												2021-2022											
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR		
<b>EXCAVATORS [4]</b>																													
BE-18	23133	23133	BEML,BE-1000	4.5CU.M	31-Jul-08	600	600										600	600											
EX-20	30237	30514	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	600	26	297	574	277	95.7	48.3	46.2	1545	5.58	63.90	600	26	297	574	277	95.7	48.3	46.2	1545	5.58	63.90		
EX-22	22769	23095	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	600	129	145	471	326	78.5	69.2	54.3	1447	4.44	53.07	600	129	145	471	326	78.5	69.2	54.3	1447	4.44	53.07		
EX-23	21885	22096	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	600	129	260	471	211	78.5	44.8	35.2	1348	6.39	77.49	600	129	260	471	211	78.5	44.8	35.2	1348	6.39	77.49		
						TOTAL	1800	284	702	1516	814	84.2	53.7	45.2	4340	5.33	63.08	1800	284	702	1516	814	84.2	53.7	45.2	4340	5.33	63.08	
<b>DUMPERS-85T&amp;100T [8]</b>																													
DUM-87	13802	13802	BEML,BH-85	85Te	30-Mar-08	600	600										-	-	600	600									
DUM 88	35054	35202	KOMATSU HD785-7	100 Te	23-Jul-10	600	243	209	357	148	59.50	41.46	24.67	467	3.16	34.80	600	243	209	357	148	59.5	41.5	24.7	467	3.16	34.80		
DUM 89	39593	39973	KOMATSU HD785-7	100Te	23-Jul-10	600		220	600	380	100.00	63.33	63.33	1456	3.83	39.08	600		220	600	380	100.0	63.3	63.3	1456	3.83	39.08		
DUM-91	20960	21251	CAT 777D	100T	2-Feb-12	600	8	301	592	291	98.67	49.16	48.50	1083	3.72	34.36	600	8	301	592	291	98.7	49.2	48.5	1083	3.72	34.36		
DUM-92	22694	22694	CAT 777D	100T	2-Feb-12	600	600									-	-	600	600										
DUM-93	10669	10669	BEML BH-100	100T	2-May-15	600	600									-	-	600	600										
DUM-94	11762	11876	BEML BH-100	100T	2-May-15	600	312	174	288	114	48.00	39.58	19.00	425	3.73	47.37	600	312	174	288	114	48.0	39.6	19.0	425	3.73	47.37		
DUM-95	9683	9947	BEML BH-100S	100T	May 2016	600	4	332	596	264	99.33	44.30	44.00	909	3.44	37.12	600	4	332	596	264	99.3	44.3	44.0	909	3.44	37.12		
						TOTAL	4200	1767	1236	2433	1197	57.93	49.20	28.50	4340	3.63	38.01	4200	1767	1236	2433	1197	57.9	49.2	28.5	4340	3.63	38.01	
<b>DRILL [5]</b>																-	-	480	480										
DM-17	23536	23536	IR-ROTACOL-IDM-30	160mm	24-Mar-05	480	480									-	-	480	480										
DM-18	28132	28244	AC-ROTACOL-IDM-30	160mm	19-May-08	480	213	155	267	112	55.63	41.95	23.33			25.45	480	213	155	267	112	55.6	41.9	23.3			25.45		
DM-19	19843	19843	AC-ROTACOL-IDM-30	160mm	14-Oct-09	480	480										480	480											
DM-20	14036	14095	AC-ROTACOL-IDM-30	160mm	Oct '14	480	280	141	200	59	41.67	29.50	12.29			23.73	480	280	141	200	59	41.7	29.5	12.3			23.73		
DM-21	2677	2965	AC-ROTACOL-IDM-30	160mm	July'20	480	34	158	446	288	92.92	64.57	60.00			22.40	480	34	158	446	288	92.9	64.6	60.0			22.40		
						TOTAL	1920	1453	296	467	171	24.32	36.62	8.91			24.85	1920	1453	296	467	171	24.3	36.6	8.9			24.85	
<b>DOZER [6]</b>																-	-	480	480										
DOZ-29	18180	18180	BEML, D-355	410HP	11-Jun-04	480	480									-	-	480	480										
DOZ-30	22322	22322	BEML, D-355	410HP	8-Jul-07	480	480									-	-	480	480										
DOZ-31	20735	20832	BEML, D-355	410 HP	19-Feb-09	480	283	100	197	97	41.0	49.2	20.2			21.65	480	283	100	197	97	41.0	49.2	20.2			21.65		
DOZ-32	8436	8604	BEML, D-355	410 HP	17-Apr-15	480	16	296	464	168	96.7	36.2	35.0			20.54	480	16	296	464	168	96.7	36.2	35.0			20.54		
DOZ-33	7662	7892	BEML, D-356	410HP	22-Sep-17	480	11	239	469	230	97.7	49.0	47.9			26.96	480	11	239	469	230	97.7	49.0	47.9			26.96		
DOZ-34	4806	4806	BEML, D-356	410HP	31-Dec-18	480	480									-	-	480	480										
						TOTAL	2880	1750	635	1130	495	39.2	43.8	17.2			24.14	2880	1750	635	1130	495	39.2	43.8	17.2			24.14	
<b>PAY LOADER [1]</b>																													
FEL-4	14922	15054	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	240	34	74	206	132	85.83	64.08	55.00			21.59	240	34	74	206	132	85.8	64.1	55.0			21.59		
<b>MPTOR GRADER [3]</b>																													
MG-7	6322	6322	BEML, BG825	280HP	10-Jul-91	240		240	240		100.00					-	-	240		240	240		####						
MG-8	3232	3262	BEML, BG825	280HP	19-May-12	240	136	74	104	30	43.33	12.50	28.85			23.33	240	136	74	104	30	43.33	28.85	12.50			23.33		
MG-9	943	963	BEML, BG825	280HP	5-Mar-19	240	185	35	55	20	22.92	8.33	36.36			20.00	240	185	35	55	20	22.9	36.36	8.33			20.00		
						TOTAL	720	321	349	399	132	55.42	33.08	18.33			8.33	720	321	349	399	50	55.42	12.53	6.94			22.00	
<b>WATER TANKER [3]</b>																-	-	600	600										
WT-83	20862	20862	BEML, WS-28-2	28KL	21-Mar-05	600	600									-	-	600	600										
WT-90	13949	13999	BEML, WS-28-2	28KL	Mar '11	600	68	483	532	50	88.7	8.3	9.3			25.25	600	68	483	532	50	88.7	9.3	8.3			25.25		
WT-96	2541	2801	BEML, WS-28-2	28KL	17-Feb-19	600	88	252	512	260	85.3	43.3	50.8			16.54	600	88	252	512	260	85.3	50.8	43.3			16.54		
						TOTAL	1800	756	735	1044	310	58.0	29.6	17.2			17.93	1800	756	735	1044	310	58.0	29.6	17.2			17.93	
<b>Rock Breaker/Backhoe [1]</b>																		20.41	600	4	498	596	98	99.3	16.4	16.3			20.41
EX-21	6082	6180	R340lc-7	1.62 CuM	25-Sep-13	600	4	498	596	98	99.33	16.33	16.44				20.41	600	4	498	596	98	99.3	16.4	16.3			20.41	
<b>Processing Plant</b>																	608		800	121	167	679	512	84.8	75.4	64.0		608	

## MEGHAHATUBURU IRON ORE MINES

## Equipment Performance Report

1

SAIL-RMD

BOLANI ORE MINES

Equipment Performance Report

1

SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar-21	UTILIS. UPTO Apr-21	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	April-21										2021-2022												
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR	
<b>EXCAVATORS [ 5 ]</b>																												
EX-26	32685	32714	BEML PC-1000(D)	4.5 CuM	24-Jun-05	720	115	577	605	29	84.0	4.7	4.0	115	4.04	44.4	720	115	577	605	29	84.03	4.71	3.96	115	4.04	44.39	
					SUB TOTAL	720	115	577	605	29	84.0	4.7	4.0	115	4.04	44.4	720	115	577	605	29	84.03	4.71	3.96	115	4.04	44.39	
EX-28	16322	16394	BE-1600	7.5 Cu.m	22-Jun-10	720	120	528	600	72	83.3	12.0	10.0	470	6.51	67.4	720	120	528	600	72	83.33	12.04	10.03	470	6.51	67.35	
EX-29	31381	31598	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	720	302	201	418	217	58.1	52.0	30.2	1589	7.31	81.3	720	302	201	418	217	58.08	51.97	30.19	1589	7.31	81.31	
EX-30	22118	22467	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	720	72	298	648	349	89.9	53.9	48.5	2356	6.75	77.0	720	72	298	648	349	89.94	53.92	48.49	2356	6.75	77.01	
EX-31	20983	21077	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	720	516	111	205	94	28.4	45.8	13.0	473	5.05	105.8	720	516	111	205	94	28.40	45.80	13.01	473	5.05	105.80	
					SUB TOTAL	2880	1010	1138	1870	732	64.9	39.2	25.4	4888	6.67	81.0	2880	1010	1138	1870	732	64.94	39.16	25.43	4888	6.67	81.02	
					TOTAL	3600	1125	1714	2475	761	68.8	30.7	21.1	5003	6.58	79.6	3600	1125	1714	2475	761	68.76	30.74	21.14	5003	6.58	79.65	
<b>DUMPER,50 TE [ 2 ]</b>																												
HP-30	17703	17703	C.I.773D(I)	50 T	01-Mar-06																							
HP-32	25208	25229	BEML BH-50M	50 T	06-Mar-08	720	78	622	642	21	89.2	3.2	2.8	115	5.61	10.0	720	78	622	642	21	89.17	3.19	2.85	115	5.61	10.00	
					TOTAL	720	78	622	642	21	89.2	3.2	2.8	115	6	10.0	720	78	622	642	21	89.17	3.19	2.85	115	5.61	10.00	
<b>DUMPER,100 TE [ 8 ]</b>																												
HP-32A	35636	36018	KOMATSU HD785-7	100 T	22-Jun-10	720	31	307	689	382	95.7	55.5	53.1	1339	3.50	31.7	720	31	307	689	382	95.69	55.47	53.08	1339	3.50	31.65	
HP-34	32380	32704	KOMATSU HD785-7	100 T	22-Jun-10	720	84	313	636	324	88.4	50.9	45.0	1103	3.41	31.4	720	84	313	636	324	88.37	50.88	44.97	1103	3.41	31.38	
HP-35	17211	17211	BEML BH-100	100 T	22-Jun-10	720	720										720	720										
HP-36	12375	12375	BEML BH-100	100 T	22-Jun-10	720	720										720	720										
HP-37	23782	24119	CAT 777D	100 T	25-Jan-12	720	28	354	692	337	96.1	48.8	46.8	1304	3.87	30.1	720	28	354	692	337	96.07	48.76	46.84	1304	3.87	30.08	
HP-38	13696	13696	BEML BH-100S	100 T	03-May-16	720	720										720	720										
HP-39	14736	14883	BEML BH-100S	100 T	03-May-16	720	358	215	362	147	50.3	40.6	20.4	442	3.01	34.8	720	358	215	362	147	50.29	40.55	20.39	442	3.01	34.77	
HP-40	14047	14163	BEML BH-100S	100 T	03-May-16	720	404	199	316	116	43.9	36.8	16.2	350	3.01	43.8	720	404	199	316	116	43.85	36.84	16.16	350	3.01	43.80	
					TOTAL	5760	3065	1388	2695	1306	46.8	48.5	22.7	4538	3.47	32.6	5760	3065	1388	2695	1306	46.78	48.48	22.68	4538	3.47	32.61	
<b>DRILL [ 4 ]</b>																												
DM-11	19815	19886	AC-ROTACOL-IDM-30	160mm	14-Feb-08	480	215	195	265	71	55.3	26.6	14.7	785	11.13	31.6	480	215	195	265	71	55.26	26.58	14.69	785	11.13	31.62	
DM-12	20581	20697	AC-ROTACOL-IDM-30	160mm	12-Aug-09	552	88	348	465	116	84.1	25.0	21.0	1817	15.65	40.9	552	88	348	465	116	84.15	24.99	21.03	1817	15.65	40.89	
DM-12A	18117	18238	AC-ROTACOL-IDM-30	160mm	22-Mar-11	480	65	294	415	121	86.4	29.2	25.2	1980	16.36	34.8	480	65	294	415	121	86.39	29.18	25.21	1980	16.36	34.75	
DM-14	13820	14008	AC-ROTACOL-IDM-30	160mm	19-Nov-14	568	80	300	488	188	86.0	38.5	33.1	2710	14.40	28.5	568	80	300	488	188	85.96	38.54	33.13	2710	14.40	28.52	
					TOTAL	2080	447	1137	1633	496	78.5	30.4	23.8	7292	14.71	33.4	2080	447	1137	1633	496	78.49	30.36	23.83	7292	14.71	33.38	
<b>DOZER [ 7 ]</b>																												
DOZ-23	13672	13699	BEML BD355	410 HP	27-Aug-08	480	352	101	128	27	26.7	21.1	5.6				81.4	480	352	101	128	27	26.7	21.1	5.6			81.4
DOZ-24	15725	15770	BEML BD355	410 HP	09-Mar-10	480	220	215	260	45	54.2	17.3	9.4				93.3	480	220	215	260	45	54.2	17.3	9.4			93.3
DOZ-25	13667	13708	BEML BD355	410 HP	09-Mar-10	720	398	281	322	41	44.7	12.6	5.7				85.6	720	398	281	322	41	44.7	12.6	5.7			85.6
DOZ-26	8686	8726	BEML BD355	410 HP	03-May-14	480	232	208	248	40	51.7	16.1	8.3				60.4	480	232	208	248	40	51.7	16.1	8.3			60.4
DOZ-27	9081	9230	BEML BD355	410 HP	03-May-14	480	84	248	396	149	82.6	37.5	30.9				28.4	480	84	248	396	149	82.6	37.5	30.9			28.4
DOZ-28	8875	8992	BEML BD355	410 HP	26-Apr-16	720	29	574	691	117	96.0	16.9	16.3				69.9	720	29	574	691	117	96.0	16.9	16.3			69.9
DOZ-29	5018	5246	BEML BD355	410 HP	15-Apr-19	480	24	228										480	24	228	456	228	95.0	50.1	47.6			30.5
					TOTAL	3840	1339	1855	2501	646	65.1	25.8	16.8				49.0	3840	1339	1855	2501	646	65.1	25.8	16.8			49.0
<b>PAY LOADER [ 3 ]</b>																												
PL-20	15163	15163	Kawasaki, 90Ziv-2	256 HP	26-Aug-09	720	720																					
PL-22	11375	11375	Hyundai-hl770-7A	280 HP	26-May-10	720	720																					
PL-23	14833	14946	Kawasaki, 90ZV	257 HP	07-Oct-15	720	169	438	551	113	76.5	20.6	15.8				26.1	720	169	438	551	113	76.53	20.58	15.75			26.09
					TOTAL	2160	1609	438	551	113	25.5	20.6	5.3				26.1	2160	1609	438	551	113	25.51	20.58	5.25			26.09
<b>MOTOR GRADER [ 2 ]</b>																												
MG-6	9102	9157	BEML BG 825	280 HP	04-Aug-08	328	114	160	214	55	65.2	25.5	16.6				47.7	328	114	160	214	55	65.24	25.47	16.62			47.72
MG-7	11020	11020	BEML BG 825	280 HP	04-May-12	480	408	72	72		15.0							480	408	72	72		15.00					
					TOTAL	808	522	232	286	55	35.4	19.1	6.7				47.7	808	522	232	286	55	35.40	19.06	6.75			47.72
<b>WATER SPRINKLER [ 3 ]</b>																												
WS-3	20420	20422	BEML WS 28-2	28KL	12-Jan-05	720	8	710	712	2	98.9	0.3	0.3				170.5	720	8	710	712	2	98.89	0.30	0.30			170.51
WS-4	13724	13843	BEML WS 28-2	28KL	31-Mar-10	720	1																					

## BARSUA IRON MINES

## Equipment Performance Report



SAIL-RMD

PROJ. NO.	UTILS. UPTO Mar-21	UTILS. UPTO Apr-21	MAKE / TYPE	CAP	DATE OF COMMISSION	April-21										2021-2022												
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR	
<b>EXCAVATORS [ 6 ]</b>																												
EX-20	27175	27175	BEML,BE-1000	4.5 CuM	Mar-04											-	-											
EX-22	24583	24745	BEML,BE-1000	4.5 CuM	22-Dec-08	688	347	179	341	162	50	48	24	881	5.44	70.68	688	347	179	341	162	49.6	47.5	23.5	881	5.44	70.7	
EX-23	18292	18547	BEML, BE-1000	4.5CuM	18-Feb-10	688	139	295	550	255	80	46	37	1296	5.08	31.59	688	139	295	550	255	79.9	46.4	37.1	1296	5.08	31.6	
EX-27	6506	6506	BEML, BE-1000-1	4.5 CuM	19-Dec-17	688	688									-	-	688	688									
						TOTAL	2064	1174	474	891	417	43	47	20	2177	5.22	46.77	2064	1174	474	891	417	43.1	46.8	20.2	2177	5.22	46.8
EX-21	18168	18410	TELCON,1200V-1018	5.9 CuM	28-May-07	688	267	180	422	242	61	57	35			64.24	688	267	180	422	242	61.3	57.3	35.1				64.2
EX-24	15005	15182	BEML, BE-1600	7.5CuM	04-Aug-11	688	107	404	581	177	84	30	26			48.36	688	107	404	581	177	84.4	30.5	25.7				48.4
						TOTAL	1376	374	584	1003	419	73	42	30		57.53	1376	374	584	1003	419	72.9	41.7	30.4				57.5
<b>DUMPER,50 TE [ 5 ]</b>																												
HPD-90	19001	19112	BEML,210M	50T	1-Apr-05	688	317	261	372	111	54	30	16	369	3.33	32.84	688	317	261	372	111	54.0	29.9	16.1	369	3.33	32.8	
BH-93	24415	24415	BH-50 M	50T	1-Feb-08											-												
BH-94	25034	25323	BH-50 M	50T	22-Dec-08	688	228	172	461	289	67	63	42	1017	3.53	28.44	688	228	172	461	289	66.9	62.6	41.9	1017	3.53	28.4	
BH-95	32262	32262	BH-50 M	50T	6-Feb-09										-	-												
BH-96	28344	28621	BH-50 M	50T	20-Aug-09	688	197	215	492	277	71	56	40	949	3.43	32.01	688	197	215	492	277	71.4	56.3	40.2	949	3.43	32.0	
BH-99	23952	23964	BH-50 M	50T	20-Feb-14	480	72	397	409	12	85	3	2				480	72	397	409	12	85.1	2.8	2.4				
						TOTAL	2544	812	1045	1732	688	68	40	27	2335	3.40	30.11	2544	812	1045	1732	688	68.1	39.7	27.0	2335	3.40	30.1
<b>DUMPER,60 TE [ 3 ]</b>																												
HPD-101	11592	11616	BEML,BH-60	60 T	16-Nov-17	688	635	30	53	24	7.7	44.34	3.42	80	3.39	48.51	688	635	30	53	24	7.7	44.3	3.4	80	3.39	48.5	
HPD-102	11812	12120	BEML,BH-60	60 T	23-Nov-17	688	286	94	402	308	58	77	45	910	2.95	35.19	688	286	94	402	308	58.4	76.6	44.8	910	2.95	35.2	
HPD-103	8745	9017	BEML,BH-60	60 T	08-May-19	704	324	109	381	272	54	71	39	712	2.62	32.87	704	324	109	381	272	54.0	71.5	38.6	712	2.62	32.9	
						TOTAL	2080	1245	232	836	604	40	72	29	1702	2.82	34.66	2080	1245	232	836	604	40.2	72.2	29.0	989	1.64	34.7
<b>DUMPER,100 TE [ 2 ]</b>																												
BH-97	10960	11177	BEML,BH-100	100 T	4-Aug-11	688	203	268	485	217	70.5	44.74	31.54	414	1.91	46.11	688	203	268	485	217	70.5	44.7	31.5	414	1.91	46.1	
BH-98	10212	10458	BEML,BH-100	100 T	04-Aug-11	688	126	317	562	246	81.7	43.68	35.68	462	1.88	46.66	688	126	317	562	246	81.7	43.7	35.7	462	1.88	46.7	
						TOTAL	1376	329	585	1047	463	76.1	44.17	33.61	876	1.90	46.40	1376	329	585	1047	463	76.1	44.2	33.6	876	1.90	46.4
<b>DRILL [ 3 ]</b>																												
DM-7	23690	23690	AC - IDM-30	160mm	29-Jan-98											-	-											
DM-9	11052	11162	AC - IDM-30	160mm	30-Sep-09	480	317	54	163	110	34.0	67.18	22.81			33.61	480	317	54	163	110	34.0	67.2	22.8			33.6	
DM-10	7152	7272	AC - IDM-30	160mm	14-Jan-15	480	310	51	171	120	35.5	70.38	25.00			32.58	480	310	51	171	120	35.5	70.4	25.0			32.6	
						TOTAL	960	627	104	334	230	34.7	68.82	23.91			33.07	960	627	104	334	230	34.7	68.8	23.9			33.1
<b>DOZER [ 6 ]</b>																												
TR-36 (B/V)	16381	16415	BEML,D-155A	320 HP	23-Apr-05	720	279	408	441	34	61.3	7.60	4.65			28.66	720	279	408	441	34	61.3	7.6	4.7			28.7	
TR-37	16576	16581	BEML,D-155A	320 HP	22-Jun-07	720	665	51	55	5	7.6	8.18	0.63			95.56	720	665	51	55	5	7.6	8.2	0.6			95.6	
TR-38	16614	16614	BEML, D-355	410 HP	16-Feb-10	688	672	16	16		2.3					-	-	688	672	16	16		2.3					
TR-39	11978	12047	BEML, D-355	410 HP	10-Apr-12	688	420	200	269	69	39.0	25.51	9.96			28.91	688	420	200	269	69	39.0	25.5	10.0			28.9	
TR-40	7225	7290	BEML, D-355	410 HP	6-Jun-14	688	358	266	331	65	48.0	19.67	9.45			30.62	688	358	266	331	65	48.0	19.7	9.4			30.6	
TR-9(K)	1043	1317	BEML, D-155	320 HP	1-Oct-19	720	47	400	673	274	93.5	40.64	37.99			46.56	720	47	400	673	274	93.5	40.6	38.0			46.6	
						TOTAL	4224	2440	1339	1784	445	42.2	24.94	10.54			12.04	4224	2440	1339	1784	445	42.2	24.9	10.5			40.7
<b>PAY LOADER [ 2 ]</b>																												
FEL-6	10444	10465	&T KOMAT. ■■■A-470-3	260 HP	21-Jan-09	360	39	300	321	21	89.2	6.54	5.83			12.38	360	39	300	321	21	89.2	6.5	5.8			12.4	
FEL-7	7174	7234	HYUNDAI	280 HP	27-Aug-11	360	163	138	197	60	54.7	30.20	16.53			16.13	360	163	138	197	60	54.7	30.2	16.5			16.1	
						TOTAL	720	202	438	518	81	71.9	15.54	11.18			15.16	720	202	438	518	81	71.9	15.5	11.2			15.2
<b>MOTOR GRADER [ 1 ]</b>																												
MG-6	8408	8431	BEML BG 825	280HP	14-Sep-02	240	134	84	107	23	44.4	21.13	9.38		</													



EQUIPMENTS	UTILIS. UPTO Mar'21	UTILIS. UPTO Apr-21	MAKE / TYPE	CAPACITY	DATE OF COMMISSION	April-21										2020-2021											
						SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UT HRS	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD /HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD /HR
EXCAVATORS[4]																											
D-12A	18064	18064	BE 1000(D)	4.5 CuM	27-Apr-08	720	720									-	-	720	720								
D-12	11566	11566	BE 1600	7.5 CuM	16-Feb-11	720	720									-	-	720	720								
D-14	32114	32327	KOMATSU	9.5 CuM	06-Apr-12	720	190	318	530	213	73.6	40.1	29.5	970	4.56		720	190	318	530	213	73.6	40.1	29.5	970	4.6	
D-15	24559	24877	KOMATSU	9.5 CuM	31-Aug-15	720	209	194	511	318	71.0	62.1	44.1	1882	5.93	58.27	720	209	194	511	318	71.0	62.1	44.1	1882	5.9	
D-16	5113	5274	LIEBHERR	9.5 CuM	30-Sep-19	720	127	432	593	161	82.4	27.2	22.4	793	4.93	196.9	720	127	432	593	161	82.4	27.2	22.4	793	4.9	
						TOTAL	3600	1966	943	1634	691	45.4	42.3	19.2	3645	5.27	21.56	3600	1966	943	1634	691	45.4	42.3	19.2	3645	5.3
DUMPER,50 TE[3]																											
R/D-85	18561	18561	BEML-BH-50M	50 Te	Mar- 08	720	720									-	-	720	720								
R/D-86	20060	20060	BEML-BH-50M	50Te	Sep-08	720	720									-	-	720	720								
R/D-87	17443	17443	BEML-BH-50M	50Te	Dec-08	720	720									-	-	720	720								
						TOTAL	2160	2160										2160	2160								
DUMPER,100 TE[6]																											
R/D-88	28743	28975	KOMAT.HD785-7	100 T	10-Sep-10	720	390	99	330	232	45.8	70.2	32.2	823	3.56	44.71	720	390	99	330	232	45.8	70.2	32.2	823	3.6	
R/D-89	35426	35767	KOMAT.HD785-7	100 T	10-Sep-10	720	235	144	485	341	67.4	70.3	47.4	991	2.91	45.99	720	235	144	485	341	67.4	70.3	47.4	991	2.9	
R/D-90	24455	24740	CAT 777D	100 T	25-Jan-12	720	119	316	601	285	83.4	47.5	39.6	741	2.60	47.09	720	119	316	601	285	83.4	47.5	39.6	741	2.6	
R/D-91	21929	22244	CAT 777D	100 T	25-Jan-12	720	136	269	584	315	81.1	53.9	43.8	856	2.72	51.81	720	136	269	584	315	81.1	53.9	43.8	856	2.7	
R/D-92	13605	13693	BEML- BH 100	100 T	27-May-15	720	516	117	204	88	28.3	42.9	12.2	235	2.69	65.71	720	516	117	204	88	28.3	42.9	12.2	235	2.7	
R/D-93	13299	13299	BEML - BH 100	100 T	10-Jun-15	720	714	6	6		0.8				-	-	720	714	6	6	0.8						
						TOTAL	4320	2110	950	2210	1260	51.2	57.0	29.2	3646	2.89	48.83	4320	2110	950	2210	1260	51.2	57.0	29.2	3646	2.9
DRILL[4]																											
DM-10	18426	18426	IR-ROTACOL-IDM-30	160mm	Feb- 04	480	480									-	-	480	480								
DM-12A	11059	11140	AC-ROTACOL-IDM-30	160mm	Sep-08	480	243	156	237	81	49.4	34.2	16.9	1415	17.47	51	480	243	156	237	81	49.4	34.2	16.9	1415	17.5	
DM-14	11493	11508	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	480	453	12	27	15	5.6	55.6	3.1	266	17.73	20.0	480	453	12	27	15	5.6	55.6	3.1	266	17.7	
DM-15	7549	7663	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	480	248	119	233	114	48.4	49.0	23.8	1460	12.81	41.58	480	248	119	233	114	48.4	49.0	23.8	1460	12.8	
						TOTAL	1920	1424	287	497	210	25.9	42.3	10.9	3141	14.96	45.05	1920	1424	287	497	210	25.9	42.3	10.9	3141	15.0
DOZER[6]																											
DOZ-21	18767	18771	BEML D-355	410 HP	May- 03	480	275	202	205	4	42.7	1.7	0.7		28.57	480	275	202	205	4	42.7	1.7	0.7		28.6		
DOZ-22	20237	20501	BEML D-355	410 HP	Feb-04	720	296	161	424	264	58.9	62.1	36.6		14.42	720	296	161	424	264	58.9	62.1	36.6		14.4		
DOZ-23	17288	17288	BEML D-355	410 HP	May-08	720	720								-	-	720	720									
DOZ-24	14918	14982	BEML D-355	410 HP	Sep-08	480	195	221	285	64	59.4	22.5	13.3		40.63	480	195	221	285	64	59.4	22.5	13.3		40.6		
DOZ-25	13752	14019	BEML D-355	410 HP	25-Apr-14	720	322	132	399	267	55.3	66.9	37.0		18.39	720	322	132	399	267	55.3	66.9	37.0		18.4		
DOZ-26	12472	12598	BEML D-355	410 HP	08-Sept-17	480	180	174	300	126	62.5	41.9	26.2		20.70	480	180	174	300	126	62.5	41.9	26.2		20.7		
						TOTAL	3600	1988	889	1613	723	44.8	44.8	20.1		19.36	3600	1988	889	1613	723	44.8	44.8	20.1		19.4	
PAY LOADER[2]																											
PL-7	12770	12770	L&T KOMAT. WA-470-	260 HP	21-Jan-09	720	720								-	-	720	720									
PL-8	5007	5007	Hyundai-hl770-7A	280 HP	01-Jun-10	720	720								-	-	720	720									
						TOTAL	1440	1440									1440	1440									
Back Hoe [2]																											
BACK HOE-02	12059	12478	BEMLBE-300LC	1.2 CU.M	May-09	720	165	137	555	419	77.1	75.4	58.1		5.86	720	165	137	555	419	77.1	75.4	58.1		5.9		
BACK HOE-03	7417	7426	BEMLBE-300LC	1.25 CU.M	25-Sep-13	720	709	2	11	9	1.5	81.8	1.3		11.11	720	709	2	11	9	1.5	81.8	1.3		11.1		
						TOTAL	1440	874	139	566	428	39.3	75.5	29.7		5.97	1440	874	139	566	428	39.3	75.5	29.7		6.0	
Water Sprinkler [2]																											
WT-5	16546	16670	WS-28	28 KL	May-05	720	157	439	563	124	78.2	22.0	17.2		19.78	720	157	439	563	124	78.2	22.0	17.2		19.8		
WT-6	6751	6751	BEML,WS 28-2	28 KL	Jan-09	720	720								-	-	720	720									
						TOTAL	1440	877	439	563	124	39.1	22.0	8.6		20.59	1440	877	439	563	124	39.1	22.0	8.6		20.6	
Motor Grader [2]																											
MG-6	4845	4845	BG 605	280HP	May-08	480	480								-	-	480	480									
MG-7	1872	1953	BG 825		10-May-14	480	204	196	277	81	57.6	29.1	16.8		18.01	480	204	196	277	81	57.6	29.1	16.8		18.0		
						TOTAL	960	684	196	277	81	28.8	29.1	8.4		18.01	960	684	196	277	81	28.8	29.1	8.4		18.0	
PLANT						1000 TPH	MAY'58	720	37	126	683	557	94.9	81.6	77.4	3166	#####	720	37	126	683	557	94.9	81.6	77.4	3166	

**EQUIPMENT AVAILABILITY & UTILISATION**

Apr-21

				KIRIBURU				MEGHAHATUBURU				BOLANI				BARSUA				GUA				UNIT IN %			
		NORM		MTH		2020-21		MTH		2020-21		MTH		2020-21		MTH		2020-21		MTH		2020-21		MTH		2020-21	
EQPMT TYPE		AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT		
DRILL	150 mm	60	70	24	37	24	37	58	67	58	67	78	30	78	30	35	69	35	69	26	42	26	42				
SHOVEL	HYD(D) ≤4.5 m <sup>3</sup>	70	60					12	49	12	49	84	5	84	5	43	47	43	47								
	HYD(D) >4.5 m <sup>3</sup>	70	65	84	54	84	54	63	59	63	59	69	31	69	31	73	42	73	42	45	42	45	42				
DUMPER	85/ 60 tn	65	75													40	72	40	72								
	50 tn	65	75									89	3	89	3	68	40	68	40								
	100 tn	85	80	58	49	58	49	57	49	57	49	47	48	47	48	76	44	76	44	51	57	51	57				
DOZER		70	70	39	44	39	44	55	17	55	17	65	26	65	26	42	25	42	25	45	45	45	45				
CRUSHING PLANT		80	85					81	77	81	77	88	46	88	46												
SCREENING PLANT		80	85					87	78	87	78	84	74	84	74												
OHP		80	85	85	75	85	75	81	77	81	77					97	53	97	53	95	82	95	82				

**Consumption of Key Consumables in 2021-22**  
**Kiriburu**

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.12	0.45	4.2	25
2016-17	2177112	702490	2879602	573840	31702875	101640	3891780	242370	2663910	0	0.08	0.44	4.66	15.36
2017-18	2109898	573577	2683475	515422	30594993	92150	3979790	215830	1568970	863256	0.08	0.46	5.31	15.84
2018-19	1956167	446003	2402170	413826	31857068	83816	3650940	234000	1002060	349644	0.08	0.50	6.52	17.47
2019-20	1833402	238708	2072110	338472	31327142	79170	3628320	296130	1250100	49192	0.06	0.42	6.05	15.95
2020-21	1422869	420794	1843663	372737	31494313	79380	3692160	136710	1191420	714754	0.06	0.36	6.27	15.58
<b>2021-22</b>	<b>137527</b>	<b>11385</b>	<b>148912</b>	<b>36480</b>	<b>2422032</b>	<b>7560</b>	<b>310950</b>	<b>0</b>	<b>79650</b>	<b>0</b>	<b>0.09</b>	<b>0.38</b>	<b>6.20</b>	<b>19.35</b>
<b>Apr-21</b>	137527	11385	148912	36480	2422032	7560	310950	0	79650	0	0.09	0.38	6.20	19.35

**Meghahatuburu**

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.13	0.45	4.15	25
2015-16	2225132	166400	2391532	519270	19481640	115697	3737160	0	1716350	896600	0.08	0.43	3.57	20.70
2016-17	2572886	44085	2616971	515440	17964960	126531	3711060	162000	2828750	234000	0.07	0.39	2.68	19.06
2017-18	2625542	51700	2677242	653081	18582360	119195	3784340	183000	2938950	1026000	0.08	0.38	2.69	16.97
2018-19	2575594	100790	2676384	572008	18050111	117281	3697950	172500	2645300	300000	0.08	0.41	2.77	18.15
2019-20	2481781	133520	2615301	605115	17857680	125253	3816200	34900	3243170	352114	0.08	0.37	2.52	17.50
2020-21	1948568	161891	2110459	467093	15627704	116166	2808613	172097	3156480	119009	0.07	0.35	2.55	19.24
<b>2021-22</b>	<b>188831</b>	<b>15000</b>	<b>203831</b>	<b>30000</b>	<b>2656028</b>	<b>9977</b>	<b>308040</b>	<b>30000</b>	<b>198990</b>	<b>2000</b>	<b>0.06</b>	<b>0.40</b>	<b>4.95</b>	<b>19.37</b>
<b>Apr-21</b>	188831	15000	203831	30000	2656028	9977	308040	30000	198990	2000	0.06	0.40	4.95	19.37

**Consumption of Key Consumables in 2021-22**  
**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
NORM										0.43	4.8	25
2015-16	2259467	913430	21800400	106130	3598770	1735825	1382700	1085889	0.12	0.40	3.25	18.66
2016-17	2538285	618000	22677280	116550	4014310	1667532	1534785	920488	0.08	0.41	3.14	18.81
2017-18	2514011	935809	20339200	125936	3712455	1543746	1417555	1853008	0.11	0.42	3.05	21.06
2018-19	2490224	1024680	19637760	115744	3977468	1676535	1370685	1606906	0.12	0.40	2.80	18.76
2019-20	2448841	1005417	20580240	143470	4231140	1714956	1647120	724266	0.12	0.38	2.71	22.11
2020-21	2608076	1038364	21770880	152244	4515985	1708217	1371865	1407823	0.12	0.39	2.87	22.84
<b>2021-22</b>	<b>202705</b>	<b>101613</b>	<b>1627920</b>	<b>15680</b>	<b>193050</b>	<b>200490</b>	<b>248130</b>	<b>34366</b>	<b>0.15</b>	<b>0.41</b>	<b>2.54</b>	<b>31.37</b>
<b>Apr-21</b>	<b>202705</b>	<b>101613</b>	<b>1627920</b>	<b>15680</b>	<b>193050</b>	<b>200490</b>	<b>248130</b>	<b>34366</b>	<b>0.15</b>	<b>0.41</b>	<b>2.54</b>	<b>31.37</b>

**Gua**

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.09	0.55	4.6	25
2015-16	2632296	18880	2651176	413320	18358728	92732	3565810	284938	1540315	198718	0.08	0.51	3.60	17.91
2016-17	2933129	2804	2935933	438030	18480528	106696	3774559	239976	1554059	0	0.08	0.54	3.32	19.80
2017-18	3087765	2220	3089985	388490	18466944	105288	4002700	0	1573793	0	0.07	0.55	3.31	18.88
2018-19	3090800	0	3090800	422803	18845542	110814	3307804.77	363065	1345070	762619	0.08	0.63	3.76	22.46
2019-20	2729087	34535	2763622	400233	18260687	102046	3694740	0	610365	87500	0.09	0.64	4.24	23.58
2020-21	2330149	9750	2339899	272632	18261816	94835	3101353	0	562982	764720	0.06	0.61	4.98	24.60
<b>2021-22</b>	<b>198292</b>	<b>0</b>	<b>198292</b>	<b>37502</b>	<b>1422554</b>	<b>9198</b>	<b>339500</b>	<b>0</b>	<b>22590</b>	<b>0</b>	<b>0.10</b>	<b>0.55</b>	<b>3.93</b>	<b>25.40</b>
<b>Apr-21</b>	<b>198292</b>	<b>0</b>	<b>198292</b>	<b>37502</b>	<b>1422554</b>	<b>9198</b>	<b>339500</b>	<b>0</b>	<b>22590</b>	<b>0</b>	<b>0.10</b>	<b>0.55</b>	<b>3.93</b>	<b>25.40</b>

### Consumption of Key Consumables in 2021-22

#### Brasua -Taldih

Item	HSD			Expl	Power	Lubricant	BARSUA ROM	TALDIH ROM	BARSUA OB		TALDIH OB		EXPL	HSD	POWER	LUB
	(in Liter)			(in kg)	(in KWH)	(in Liter)			DEPTT	CONT	DEPTT	CONT				
NORM	MINES	DGSET	TOTAL													
2015-16	1230145	6660	1236805	265250	15780840	47362	0	0	2384140	0	0	0	0.11	0.52	6.62	19.87
2016-17	934836	0	934836	188625	15520680	46730	0	173700	1804950	0	294165	0	0.10	0.45	7.84	22.26
2017-18	386285	0	386285	95062	13554044	11893	0	1052111	85675	0	206145	0	0.07	1.32	11.91	40.75
2018-19	1569967	86653	1656620	161280	11762332	31131	1951980	469148	385666	0	65340	0	0.06	0.63	4.89	12.96
2019-20	1398696	237480	1636176	264736	14801934	45360	1797862	1262832.12	563335	0	0	231646.7	0.07	0.69	6.27	19.21
2020-21	1715336	5810	1721146	206088	15154127	81106	2409988	1120688.25	626315	0	0	212361	0.05	0.57	4.99	26.71
<b>2021-22</b>	<b>162952</b>	<b>0</b>	<b>162952</b>	<b>22725</b>	<b>1312880</b>	<b>8262</b>	<b>234549</b>	<b>165700</b>	<b>43020</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.05</b>	<b>0.59</b>	<b>4.73</b>	<b>29.77</b>
<b>Apr-21</b>	<b>162952</b>	<b>0</b>	<b>162952</b>	<b>22725</b>	<b>1312880</b>	<b>8262</b>	<b>234549</b>	<b>165700</b>	<b>43020</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.05</b>	<b>0.59</b>	<b>4.73</b>	<b>29.77</b>

	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 kg)	
													(in Liter)	(in kg)	(in KWH)	(in Liter)	(T)	(in kg)	
2017-18	59801	147425	1468000	420	1524560	0.10	112989	69000	1717011	784	44830	1.54	89700	1258255	0.07			3158815	0.00
2018-19	52204	149850	1328188	0	1717832	0.09	83138	88300	2255330	2293	733489	0.12	35925	534488	0.07	256875	2665550	0.10	
2019-20	51501	172450	1092780	510	2363856	0.07	65841	69225	1523616	523	745690.57	0.09	104725	1494478.81	0.07	230475	2358226	0.10	
2020-21	30875	180250	901738	0	2496900	0.07	41995	48450	1666309	575	629125.19	0.08	57500	1333049.25	0.04	339074	2503942	0.14	
<b>2021-22</b>	<b>1620</b>	<b>18500</b>	<b>0</b>	<b>0</b>	<b>301000</b>	<b>0.06</b>	<b>3628</b>	<b>0</b>	<b>133008</b>	<b>27</b>	<b>38135</b>	<b>0.00</b>	<b>16175</b>	<b>165700</b>	<b>0.10</b>	<b>35048</b>	<b>229856</b>	<b>0.15</b>	
<b>Apr-21</b>	<b>1620</b>	<b>18500</b>	<b>0</b>	<b>0</b>	<b>301000</b>	<b>0.06</b>	<b>3628</b>	<b>0</b>	<b>133008</b>	<b>27</b>	<b>38135</b>	<b>0.00</b>	<b>16175</b>	<b>165700</b>	<b>0.10</b>	<b>35048</b>	<b>229856</b>	<b>0.15</b>	

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

Status as on April'2021

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

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL							Status as on April'2021
MINE	GRANTED	VALID	AREA	RENEWAL	FOREST CLEARANCE (FC)		ENVIRONMENTAL CLEARANCE (EC)
	ON	UPTO	( in ha)	APPL.DATE			
<b>BOLANI</b>							
5.1 sq. mile lease	11.04.60	09.04.30	1321.45	26.03.09	Stage-II FC granted by MoEF&CC on 11.12.2012, 09.07.2013 & 12.11.2014. Stage-I FC for additional 87.09 ha sabik FL was obtained on 12.09.2017. Stage-II FC granted on 06.11.2019 for 87.09 ha Sabik Forest.	EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21.12.2012. EC amendment order for selling of dump fines in open market has been issued by MoEFCC, New Delhi on 30.07.2020. CTE amendment order issued on 02.11.2020. CTO for selling of fines obtained on 04.12.2020. CTO renewed on 24.03.2021 with validity upto 31.03.2022.	
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. Stage-II FC for 124.313 ha was obtained from MoEF&CC, New Delhi on 29.04.2019. In addition to that, MoEFC&CC vide letter dated 24.07.17 issued amended Stage-I FC order of Hal forest. After all compliances, the proposal was forwarded to to Addl. PCCF (N) on 12.04.2019 and forwarded to MoEF&CC on 02.07.2019 for grant of Stage – II FC. Further, MoEFCC asked clarification to Govt of Odisha on 04.10.2019 for additional CA. A meeting in this regard held at HOFF office on 09.12.19. Due to non availability of suitable Degraded Forest Land (DFL) for CA in Kenojhar Forest Division, requested Kalahandi Forest Division for CA land. on 09.07.2020 in consultation with DFO, Keonjhar. Vide letter dated 09.12.2020, Addl PCCF asked DFO, Keonjhar for submission of compliance and SAIL replied the status of CA scheme on 24.12.2020. DFO, Kalahandi vide letter dated 15.03.21 informed RCCF, Bhawanipatna that CA scheme amounting Rs. 10.47 Cr has been prepared which may kindly be forwarded to PCCF (Nodal) for approval. RCCF, Bhawanipatna forwarded to PCCF (Nodal) on 16.03.21.	Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore. Consent to Establish (CTE) for production of 15000 TPA Mn Ore was extended by OSPCB upto 20.12.2023 on 22.05.2019. CTO for 15000 TPA Mn ore mining was renewed by OSPCB on 24.03.2021 for validity up to 31.03.2022. CTO for Railway Siding of Bolani Ores Mines mines was renewed by OSPCB on 24.03.2021 for validity up to 31.03.2022.	
Govt. of Odisha vide letter dated 17.03.2020 extended the 6.9 Sq. mile lease of Bolani Ores Mines upto 13.11.2032 as per MMGC Rules, 2015. Lease deed yet to be executed.							

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL								Status as on April'2021
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)			ENVIRONMENT CLEARANCE (EC)
	ON	UPTO	( in ha)	APPL.DATE				
<b>GU A</b>								
Durgaiburu	22.02.49	21.02.79	1443.8	08.02.08 (2nd RML)	Stage-II FC for existing broken area of 274.691 ha has been granted by MoEF on 22.08.2014. Stage-I FC granted for 361.295 ha on 04.03.2014. MoEFCC vide order dated 07.12.2020 granted Stage-II FC for diversion of 361.295 ha of unbroken forest land, in addition to 274.691 ha of broken up forest area for mining of iron ore . This will facilitate in capacity expansion of Gua mine. In order to expedite early compliance of Stage-II FC conditions, SAIL vide letter dated 27.12.2020 made a request to PCCF(Nodal), Jharkhand for constitution a committee to monitor handing over of reclaimed forest land after mining to Forest department. Compliance report of all the conditions stipulated in Stage – II FC/Final Approval order has been submitted to State Forest Department on 30.12.2020 for early handover of the diverted forest land of 361.295 ha. DFO, Saranda forwarded to CF, Chaibasa vide letter dated 05.01.21. CF, Chaibasa forwarded to RCCF, JSR vide letter dated 20.01.2021 and forwarded to PCCF(Nodal) on 03.02.2021. Vide letters dated 11.02.2021, PCCF (N) asked some clarification from RCCF, Jamshedpur which is under follow up stage.	EC granted by MoEF on 25.03.2013. CTO for 12.5 MTPA renewed by JSPCB on 31.12.2020 for the period 01.01.2021 to 31.12.2021. The EC amendment proposal for selling of dump fine has been submitted to MoEFCC & presentation held in Feb,2020 wherein ADS raised on 26.03.2020 which was replied on 31.08.2020 to Ministry. EAC meeting held on 25.09.2020. Amended EC granted on 06.11.2020. CTE application submitted on 12.11.2020.		
Jhilingburu - I	12.05.50	11.05.80	210.53	25.04.09 (2nd RML)	Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land indentification is under progress.	ToR for conducting EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEF&CC on 13.11.17 sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018. EAC meeting held on 19.02.2021 wherein EAC agreed for Standard ToR.		
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFCC, 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. 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.	EC has been granted by Jharkhand SEIAA, Ranchi on 10.12.2018 for production of 20820 TPA Manganese ore.		
Topailore	09.03.70	31.03.20	14.15	04.03.99	Stage-I FC for 14.15 ha of forest land was granted by MoEF on 30.08.13. Stage-II FC (final approval) has been accorded by Ministry on 04.10.2019. For hand over of forest land proposal for 14.15 ha is pending with Govt. of Jharkhand.	EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015. EC amendment order for selling in open market has been granted by MoEFCC on 19.05.2020. Subsequently, CTE application submitted to JSPCB on 30.05.2020. CTE order issued by JSPCB on 19.06.2020. CTO order issued by JSPCB on 28.07.2020.		
Lease period has been extended upto 08.03.2040 by Govt of Jharkhand on 23.10.2019 & lease deed executed on 17.01.2020 & registration done on 22.01.2020								

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

MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)		Status as on April'2021 ENVIRONMENT CLEARANCE (EC)	
					ON	UPTO (in ha)		
<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 which is under compliance. Special Duty Office (F,E&CC) vide letter dated 1.11.18 directed PCCF, Jharkhand & PCCF (Nodal) with a copy to SAIL to submit the information. The pointwise information (except shape/kml files of CA land) was submitted to DFO, Saranda on 14.11.18. Shape/kml files of the lease area and forest area proposed for diversion and sites identified for CA were submitted to DFO, Saranda by MOM, Chiria on 24.12.18. After verification at different level, the information was forwarded to MoEFCC by Govt. of Jharkhand on 07.06.2019. Matter is pending for grant of Stage-II FC.	EC has been granted by MoEF&CC vide letter no -J-11015/249/2009-IA.II (M) dated 23.03.2011 for enhancement of production capacity to 4.2 MTPA.		
Ajitaburu	07.12.47	06.12.77	323.887	04.12.06 (2nd RML)	EC has been granted by MoEF&CC vide letter no - J-11015/505/ 2007-IA.II (M) dated 31.03.2011 for enhancement of production capacity to 2.8 MTPA.			
Sukri - Latur	22.03.49	21.03.79	609.554	11.03.08 (2nd RML)	EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA.			
Dhobil	08.03.48	07.03.38	513.036	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	Govt. of Odisha vide order dated 02.12.2020 amalgamated ML-130 (2486.383 ha) & ML-162 (77.94 ha) lease covering total area 2564.323 ha. Amalgamated Supplementary Lease Deed for 2564.323 ha executed by GoO on 30.03.2021. Lease registration done on 06.04.2021. The validity of Amalgamated Lease is till 05.01.2030.			Stage-II FC granted by MoEF&CC on 06.03.2013.		EC obtained on 29th Oct'10. Amended EC obtained on 30.03.2016 for redistribution of production from Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Taldih to 2.05 Mt/yr. EC amendment order issued by MOEFCC on 03.07.2020 & corrihendum dated 13.07.2020. CTE amendment order issued on 25.09.2020. Modified CTO granted on 22.10.2020. Further CTO amended on 08.01.2021 for evacuation of tailings upto 1 MTPA and valid till 31.03.2021. Again, EC amendment for redistribution of production from Kalta & Taldih was submitted on 13.02.2021 & EAC meeting held on 24.02.2021. EC amendment order issued on 17.03.2021. CTO for ML-130 lease of Barsua-Taldih-Kalta mines (8.05 MTPA) was renewed by OSPCB on 25.03.2021 for validity up to 31.03.2022. CTO for Barsua Railway Siding was renewed by OSPCB on 31.03.2021 for validity up to 31.03.2022. CTO for Roxy Railway Siding of Kalta Iron Mine was renewed by OSPCB on 30.03.2020 for validity up to 31.03.2024.		
ML No.-162				Stage-II FC granted on 23.10.17 for diversion of 77.94 ha of forest land.		Ore Beneficiation Plant, Jigging Plant, Conveyors, part of the Tailing Pond located under this lease.		
ML No.-139	17.01.75	16.01.25	25.981	04.01.14	Online Diversion Proposal including safety zone submitted on 22.07.15. On scrutiny of online diversion proposal, DFO noticed some deficiencies and raised query on 26.05.16. Compliance of the query is under process. The matter of identification of CA land was discussed with forest nodal office on 25.10.2018 meeting. CA land over an area of 33.022 ha is under process.	MoEFCC vide letter dated 11.09.2018 accorded TOR and directed to submit EIA/EMP report based on the prescribed TOR. Job is under process for submission to OSPCB for conducting Public Hearing.		
ML No.-227	18.01.84	17.01.04	3.34	04.01.03	Preparation of Diversion Proposal is under progress	Non-working lease.		

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

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

April'21

ACCIDENT STATISTICS OF RMD MINES

	FATAL(in Nos)						SERIOUS(in Nos)						REPORTABLE(in Nos)						MANDAYS LOST(in Days)					
	Apr'21			2021-22			Apr'21			2021-22			Apr'21			2021-22			Apr'21			2021-22		
	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T
Kiriburu																								
Meghatuburu																								
Bolani																				26	26		26	26
Barsua																								
Taldih																								
Kalta																								
Gua																								
Maboharpur																								
Kuteshwar							1	1		1	1									9	9		9	9
Tulsidamar																								
RMD Total							1	1		1	1									35	35		35	35

**RMD MANPOWER POSITION AS ON 01.05.2021**

	<b>Executives</b>	<b>Non-Executives</b>	<b>Total</b>
<b>A. Ore Mines</b>			
Kiriburu	85	483	568
Meghatuburu	64	461	525
Bolani	89	441	530
Barsua	58	260	318
Kalta	14	54	68
Gua	57	455	512
Chiria	14	47	61
<b>A. Total</b>	<b>381</b>	<b>2201</b>	<b>2582</b>
<b>B. Flux Mines</b>			
Purnapani	0	5	5
Kuteshwar	24	54	78
BNP & TDMR	9	32	41
<b>B. Total</b>	<b>33</b>	<b>91</b>	<b>124</b>
<b>C. Offices</b>			
Kolkata	75	31	106
Rourkela	10	16	26
Bokaro	1	1	2
Durgapur	0	4	4
Delhi	4	2	6
Bhubaneswar	2	2	4
Ranchi	1	2	3
Burnpur	0	1	1
MT	11	NA	11
<b>C. Total</b>	<b>104</b>	<b>59</b>	<b>163</b>
<b>Grand Total (A+B+C)</b>	<b>518</b>	<b>2351</b>	<b>2869</b>
Manpower as on 01.04.2021	521	2360	2881
Reduction(-)/Increase(+)	-3	-9	-12

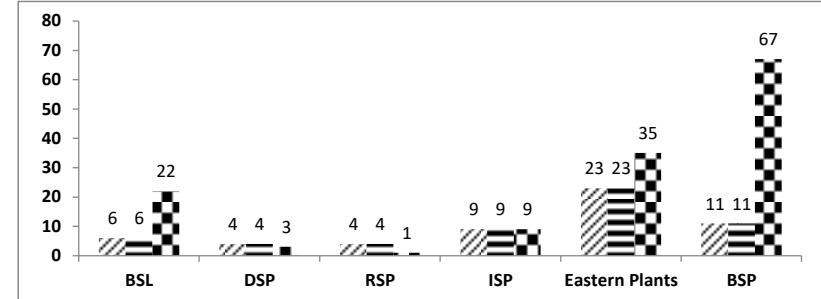
# IRON ORE STOCK INVENTORY BEHAVIOUR

Apr-21

## IRON ORE LUMP

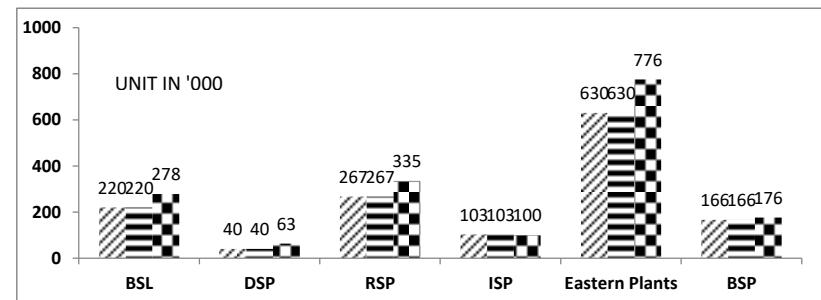
UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.03.2021	01.03.2021	MTH	CUM	MTH	CUM	01.04.2021	MTH	YR
BSL	6	6	205	205	212	212	22	16	16
DSP	4	4	144	144	145	145	3	-1	-1
RSP	4	4	193	193	161	161	1	-3	-3
ISP	9	9	47	47	48	48	9	0	0
<b>Eastern Plants</b>	<b>23</b>	<b>23</b>	<b>589</b>	<b>589</b>	<b>566</b>	<b>566</b>	<b>35</b>	<b>12</b>	<b>12</b>
BSP	11	11	4	4	273	273	67	56	56
<b>TOT</b>	<b>34</b>	<b>34</b>	<b>592</b>	<b>592</b>	<b>839</b>	<b>839</b>	<b>102</b>	<b>68</b>	<b>68</b>



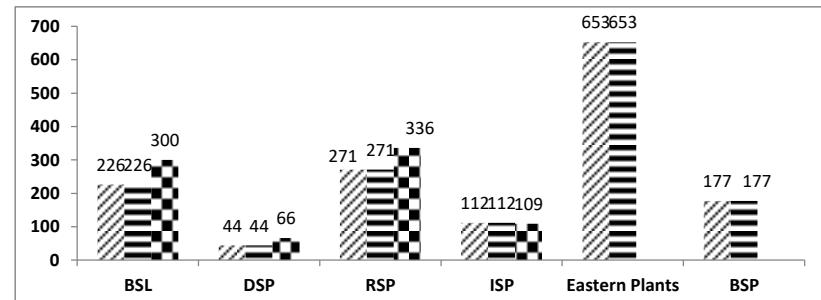
## IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.03.2021	01.03.2021	MTH	CUM	MTH	CUM	01.04.2021	MTH	YR
BSL	220	220	349	349	301	301	278	58	58
DSP	40	40	219	219	195	195	63	23	23
RSP	267	267	394	394	386	386	335	68	68
ISP	103	103	174	174	186	186	100	-3	-3
<b>Eastern Plants</b>	<b>630</b>	<b>630</b>	<b>1135</b>	<b>1135</b>	<b>1068</b>	<b>1068</b>	<b>776</b>	<b>146</b>	<b>146</b>
BSP	166	166	96	96	351	351	176	10	10
<b>TOT</b>	<b>796</b>	<b>796</b>	<b>1231</b>	<b>1231</b>	<b>1419</b>	<b>1419</b>	<b>952</b>	<b>156</b>	<b>156</b>



## IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.03.2021	01.03.2021	MTH	CUM	MTH	CUM	01.04.2021	MTH	YR
BSL	226	226	553	553	513	513	300	74	74
DSP	44	44	363	363	340	340	66	22	22
RSP	271	271	587	587	547	547	336	65	65
ISP	112	112	221	221	234	234	109	-3	-3
<b>Eastern Plants</b>	<b>653</b>	<b>653</b>	<b>1724</b>	<b>1724</b>	<b>1634</b>	<b>1634</b>	<b>811</b>	<b>158</b>	<b>158</b>
BSP	177	177	100	100	624	624	243	66	66
<b>TOT</b>	<b>830</b>	<b>830</b>	<b>1823</b>	<b>1823</b>	<b>2258</b>	<b>2258</b>	<b>1054</b>	<b>224</b>	<b>224</b>



\* BSP RECEIPT FROM RMD MINES

# PRODUCTION PERFORMANCE

Apr-21

**हॉट मेटल**

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Apr-20	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	366	328	90	199	65	366	328	90	199	65
दूर्गापूर	216	214	99	119	80	216	214	99	119	80
राऊरकेला	353	330	93	164	101	353	330	93	164	101
बर्नपूर	102	117	115	144	-18	102	117	115	144	-18
<b>पूर्वी इस्पात संयंत्र</b>	<b>1037</b>	<b>989</b>	<b>95</b>	<b>626</b>	<b>58</b>	<b>1037</b>	<b>989</b>	<b>95</b>	<b>626</b>	<b>58</b>
भिलाई	445	397	89	236	68	445	397	89	236	68
<b>TOTAL</b>	<b>1482</b>	<b>1385</b>	<b>93</b>	<b>862</b>	<b>61</b>	<b>1482</b>	<b>1385</b>	<b>93</b>	<b>862</b>	<b>61</b>

**सिन्तर**

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Apr-20	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	484	422	87	300	40	484	422	87	300	40
दूर्गापूर	285	301	106	168	79	285	301	106	168	79
राऊरकेला	559	544	97	242	125	559	544	97	242	125
बर्नपूर	216	266	123	235	13	216	266	123	235	13
<b>पूर्वी इस्पात संयंत्र</b>	<b>1544</b>	<b>1532</b>	<b>99</b>	<b>945</b>	<b>62</b>	<b>1544</b>	<b>1532</b>	<b>99</b>	<b>945</b>	<b>62</b>
भिलाई	514	541	105	336	61	514	541	105	336	61
<b>TOTAL</b>	<b>2058</b>	<b>2073</b>	<b>101</b>	<b>1281</b>	<b>62</b>	<b>2058</b>	<b>2073</b>	<b>101</b>	<b>1281</b>	<b>62</b>

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

**FIGS IN '000 T**

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	60	58	27	37		16			7		205
DSP		4	92				48				144
RSP		4		25	51	113					193
ISP			7				40				47
BSP	4										4
TOT	64	65	125	62	51	129	89		7		592

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	92	200	53						4		349
DSP	4		140				75				219
RSP	39	61		48	99	147					394
ISP			10				163				174
BSP	96										96
TOT	230	261	203	48	99	147	238		4		1231

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	152	258	80	37		16			10		553
DSP	4	4	232				124				363
RSP	39	65		73	151	259					587
ISP			17				204				221
BSP	100										100
TOT	295	326	329	110	151	275	327		10		1823

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

**FIGS IN '000 T**

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	60	58	27	37		16			7		205
DSP		4	92				48				144
RSP		4		25	51	113					193
ISP			7				40				47
BSP	4										4
TOT	64	65	125	62	51	129	89		7		592

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	92	200	53						4		349
DSP	4		140				75				219
RSP	39	61		48	99	147					394
ISP			10				163				174
BSP	96										96
TOT	230	261	203	48	99	147	238		4		1231

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	152	258	80	37		16			10		553
DSP	4	4	232				124				363
RSP	39	65		73	151	259					587
ISP			17				204				221
BSP	100										100
TOT	295	326	329	110	151	275	327		10		1823

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

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

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

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

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

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