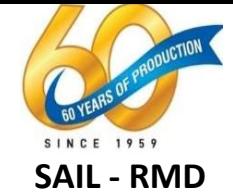


RMD MONTHLY INFORMATICS



December-2019



**PPC
RMD KOLKATA**

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Performance Highlights

Production & Despatch:

December-2019

- RMD mines achieved monthly production: 19.23 lakh T (97%FF of APP) despite shutdown of Meghahatuburu for 13 days and forwarding notes issue for about 15 days resulted in throttling/stoppage of production in Jharkhand Mines.
- Taldih Iron Mines achieved best ever production: 1.56 Lakh T (Previous best Nov'19: 1.34 lakh T) since inception.
- Bolani and Kalta achieved best ever monthly production in any month of December since inception.
- Best ever daily Production achieved by Meghahatuburu Iron Mines: 18,323 T on 28th Dec'19(Previous best- 16,960 T ON 23rd Mar'12).
- Best ever production by Kalta Iron Mine in a day is 9,785 T on 28th Dec'19 (Previous highest was 9456 T on 21st Mar'19)
- RMD mines achieved monthly despatch: 17.58 lakh T in Dec'19 (81%FF of APP). Less despatches due to forwarding notes issue in Jharkhand Mines for about 15 days.
- Best ever rakes loaded by Bolani Ore Mines since inception in a day on 19th Dec' 2019: 9 rake.
- Bolani Ore Mines achieved best ever despatch: 5.72 Lakh T (Previous best Jun'19: 5.59 lakh T) since inception.
- Kalta Iron Mines achieved best ever despatch: 1.92 Lakh T (Previous best Apr'19: 1.84 lakh T) since inception.
- Taldih Iron Mines achieved best ever despatch: 1.23 Lakh T (Previous best Nov'19: 1.19 lakh T) since inception.
- Kalta Iron Mines achieved best ever rakes despatch: 54 (Previous best Dec'17: 51) since inception.

Performance Highlights

Calendar Year-2019

Production:

- RMD Mines achieved best ever production since inception (Iron Ore):: 22.01 MT (88% of APP) with growth of 5.25% over CPLY (Previous best:: 20.907 MT in 2018). Production throttled at Kiriburu, Meghahatuburu and Barsua due to space issue on account of rake short supply by Railway from Jan'19 to March'19, Regulated requirement by Steel Plants from July'19 to Nov'19 and Forwarding notes issue in Jharkhand Mines for about 15 days in Dec-19 due to double Royalty imposition by Jharkhand Govt.
- Best ever Lump Production since inception:: 7.50MT (Previous best :: 7.14 MT in 2018).
- Best ever Monthly Production since inception:: 20.59 Lakh T in Nov-19 (Previous best:: 20.54 Lakh T in Mar'19).
- All time High Daily Production of RMD Iron Ore Mines :: 86, 408 T on 30th Nov-2019 since inception (Previous best-80, 822 T on 28th Feb'19).
- Best ever daily Production achieved by Individual Mines in the calendar year 2019 since inception:
- Barsua Iron Mines: 13,708 T on 28th Feb'19(Previous best- 12,312 T on 27th Feb'19).
- Bolani Ore Mines: 26,147 T on 18th Apr'19 (Previous best- 25,791 T on 23rd Mar'19).
- Kalta Iron Mines: 9,456 T on 21st May '19(Previous best- 9,351 T on 5th Mar'19).
- Meghahatuburu Iron Mines: 18,323 T on 28th Dec'19(Previous best- 16,960 T ON 23rd Mar'12).
- KTR achieved best ever production:: 13,59,730MT of BF grade limestone (102 % of APP) with growth of 40.52 % over 2018 since inception (Previous best:- 10,09,035MT in 2017).

Performance Highlights

Calendar Year-2019

Despatch:

- RMD Mines achieved highest ever despatch (Iron Ore):: 21.65 MT (87% of APP) with growth of 4.44% over CPLY since inception (Previous best -20.73 MT in 2018).
- Best ever Lump dispatch since inception: 7.50MT (Previous best in 2017- 7.25MT).
- Best ever rake despatch from RMD Iron Mines since inception:: 6128 rakes(Previous best - 5887 rakes in 2018).
- Best ever Monthly despatch since inception:: 19.45 Lakh T in May'19
- Best ever rake loaded in any month since inception :: 555 in May'19
- Best ever rakes loaded in a month by Bolani Ore Mines since inception:: 164 in Dec' 19 (Previous Best-152 rakes in June-19).
- Best ever rakes loaded in a day on 19th Dec' 19 by Bolani Ore Mines since inception: 9.
- KTR achieved best ever despatch:: 13,45,402 MT of BF grade limestone (101% of APP) with growth of 40.05 % over 2018 (Previous best:- 10,23,238 MT in 2017).
- Kalta Iron Mines achieved best ever despatch: 1.92 Lakh T (Previous best Apr'19: 1.84 lakh T) since inception.
- Kuteshwar Limestone Mines achieved best ever despatch (32 rakes) in any month of September since inception.

Performance Highlights

Other Highlights:

Calendar Year-2019

- Duarguiburu lease of Gua was granted by Government of Jharkhand on 25th Jun'19 and Lease Deed executed on 24th Sept 2019 and registration done on 30th Sept 2019.
- Topailore Lease period has been extended up to 08.03.2040 by Government of Jharkhand on 23rd Oct 2019.
- Kiriburu- Meghahatuburu lease amalgamation was granted by Government of Jharkhand on 30th July'19 and Lease Deed executed on 25th Oct 2019.
- Jhillingburu-II Lease period has been extended up to 11.05.2020 by Government of Jharkhand on 30th Oct 2019
- Bolani, Stage-II FC for 6.9 Sq. Mile lease of Bolani covering 124.313 ha Sabik forest was granted by MoEFCC on 29.04.2019.
- Topailore Lease Stage II FC (final Approval) has been accorded by Ministry on 04th Oct 2019.
- Bolani, Stage-II FC for 5.1 Sq. Mile lease of Bolani covering 87.09 ha Sabik forest was granted by MoEFCC on 06.11.2019.
- Review of Mining Plan for the period 2020-21 to 2024-25 in respect of ML-130 (Barsua-Taldih-Kalta) approved on 08.11.19 and Bolani leases (5.1 Sq. Mile & 6.9 Sq. Mile) & ML-139 lease of Kalta approved by IBM, Bhubaneshwar on 13.11.19.
- Modification in approved modified mining plan in respect of KIOM-MIOM and Duarguiburu lease of Gua approved by IBM, Ranchi on 20.12.2019.
- Review of Mining Plan for the period 2020-21 to 2024-25 in respect of Mclellan, Chiria and Jhillingburu-I, Gua approved by IBM, Ranchi on 27.12.2019, and 26.12.2019 respectively.

Performance Highlights

Calendar Year-2019

Other Highlights:

- Consent to operate (CTO) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 in respect of KIOM-MIOM granted by JSPCB on 24.12.2019 with validity upto 31.12.2024.
- Consent to Operate has been granted by MPPCB (Madhya Pradesh Pollution Control Board) for Left Bank lease of Kuteshwar Mines on 02/09/19 with validity up to 31-07.2021 and for Right Bank Lease of Kuteshwar on 20.12.2019 with validity up to 31.01.2021.
- Gua Ores Mines has installed and commissioned successfully the SCADA display and wireless communication for monitoring of Ore dumping and processing plant. Incoming 33KV line circuit breaker at Substation can also be switched off remotely by installed system.
- For sale of fresh iron ore fines and low grade iron ore fines from ML-130 lease of Barsua-Taldih-Kalta mines, an application for amendment of existing Environmental Clearance was submitted to MoEFCC portal of 02.12.2019 which was considered during durind EAC meeting held on 19.12.2019.
- For sale of fresh iron ore fines and low grade iron ore fines from 5.1 Sq. Miles lease of Bolani Ores Mines mines, an application for amendment of existing. Environmental Clearance was submitted to MoEFCC portal of 27.12.2019.
- Bolani has successfully modified in-house the Shovel No-25 (BE-1000 model) with rock breaker arrangement to increase the lump production.
- Batc Jigs at Barsua Iron Mines has been commissioned in Nov'19.
- RMD Mines certified by BSI:
- Quality Management System (ISO9001:2015) certification of Gua, Barsua, Kalta and Taldih in 2019.
- Environment Management System (ISO9001:2015) certification of Gua, Barsua, Kalta and Taldih in 2019.

Rake Despatch Performance

Unit: Nos of Rake

MINES	FOR THE MONTH OF - Dec- 19					19-20 TILL THE MONTH OF Dec- 19				
	CBT	ACT	%FF	Dec- 18	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
KIRIBURU	98	63	64	91	-31	1014	819	81	804	2
MEGHATUBURU	87	62	71	87	-29	981	793	81	754	5
BOLANI	145	164	113	144	14	1365	1221	89	1183	3
BARSUA	50	60	120	52	15	420	378	90	324	17
TALDIH	25	38	152	0		210	195	93	82	138
KALTA	55	54	98	42	29	465	299	64	328	-9
GUA	95	50	53	90	-44	885	756	85	797	-5
CHIRIA	15	16	107	27	-41	150	147	98	148	-1
RMD TOTAL	570	507	89	533	-5	5490	4608	84	4420	4

PLANTS	COMM	FOR THE MONTH OF - Dec- 19					19-20 TILL THE MONTH OF Dec- 19				
		CBT	ACT	%FF	Dec- 18	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
BSL	LUMP		53.4		57.3	-7		520.5	0.0	476.6	9
	FINES		74.6		93.7	-20		846.5	0.0	854.4	-1
	TOTAL	180	128.0	71	151.0	-15	1692	1367.0	81	1331.0	3
DSP	LUMP		32.6		39.0	-16		299.8	0	310.9	-4
	FINES		56.4		66.0	-15		523.2	0	613.1	-15
	TOTAL	105	89.0	85	105.0	-15	963	823.0	85	924.0	-11
RSP	LUMP		66.0		69.0	-4		507.7	0	499.8	2
	FINES		89.0		87.0	2		795.3	0	822.2	-3
	TOTAL	140	155.0	111	156.0	-1	1383	1303.0	94	1322.0	-1
ISP	LUMP		26.1		33.8	-23		230.8	0	232.3	-1
	FINES		84.9		86.2	-2		694.2	0	593.7	17
	TOTAL	120	111.0	93	120.0	-8	1197	925.0	77	826.0	12
BSP	LUMP		0.00		0			0		0	
	FINES		24.0		1.0	2300		190.0	0	17.0	1018
	TOTAL	25	24.0	96	1.0	2300	255	190.0	75	17.0	1018
SAIL TOTAL	LUMP		178.1		199.1	-11	0	1558.8	0	1519.6	3
	FINES		328.9		333.9	-1		3049.2		2900.4	5
	TOTAL	570	507.0	89	533.0	-5	5490	4608.0	84	4420.0	4

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

December 2019

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2019-20	TGT	ACT	%FF	LAST YR		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	1150	105	75	71.7	89	-15.1	840	809	96.3	741	9.1	
	F	3350	300	227	75.5	239	-5.3	2445	2078	85	2198	-5.4	
	T	4500	405	302	74.5	328	-8.0	3285	2887	87.9	2939	-1.8	70
MEGHAHATUBURU 5000	L	875	80	60	74.8	57	5.2	655	733	112	766	-4.3	
	F	2625	235	185	78.5	268	-31.3	1945	1974	102	1901	3.9	
	T	3500	315	244	77.6	325	-24.9	2600	2707	104	2667	1.5	72
BOLANI 6500	L	2586	135	197	146.2	214	-7.8	1885	1695	89.9	1643	3.2	
	F	3914	205	365	178.3	309	18.2	2835	2885	102	2425	19.0	
	T	6500	340	563	165.5	523	7.6	4720	4580	97	4068	12.6	94
BARSUA 2500	L	803	70	68	97.0	57	18.8	625	480	76.7	391	22.8	
	F	1697	155	100	64.4	122	-17.9	1310	729	55.6	903	-19.3	
	T	2500	225	168	74.5	179	-6.2	1935	1208	62.4	1294	-6.6	64
TALDIH 1000	L	332	28	55	197.5			249	284	114	173	64.4	
	F	618	52	101	194.2			465	421	90.6	105	300.3	
	T	950	80	156	195.3			714	705	98.8	278	153.8	94
KALTA 2500	L	1229	105	79	75.1	78	0.7	915	525	57.3	633	-17.2	
	F	1071	95	123	129.1	82	49.8	800	483	60.3	558	-13.5	
	T	2300	200	202	100.8	160	25.7	1715	1007	58.7	1192	-15.5	54
GUA 4000	L	1130	100	62	62.1	88	-29.8	840	746	88.9	776	-3.8	
	F	2870	250	169	67.7	222	-23.8	2140	1916	89.5	1991	-3.8	
	T	4000	350	231	66.1	311	-25.5	2980	2662	89.3	2767	-3.8	89
MANOHARPUR 750	L	375	32	40	124.4	43	-6.8	284	263	92.6	295	-11.0	
	F	375	32	18	55.3	48	-63.1	284	279	98.3	246	13.7	
	T	750	64	57	89.8	91	-36.6	568	542	95.4	541	0.2	47
TOTAL 27750	L	8480	655	636	97.2	626	1.6	6293	5534	87.9	5418	2.1	
	F	16520	1324	1287	97.2	1291	-0.3	12224	10765	88.1	10327	4.2	
	T	25000	1979	1923	97.2	1917	0.3	18517	16299	88	15745	3.5	78

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

December 2019

UNIT 000 TONNES

DESPATCHES

MINE	COMM.	PLAN	FOR THE MONTH				GRTH % OVER LSTYR Dec 2018	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON				
		2019-20	TGT	ACT	%FF	LAST YR Dec 2018		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END		
KIRIBURU	L	1150	105	79	75.5	96	-17.6	840	804	95.8	752	6.9	15	27	20		
	F	3350	400	143	35.7	227	-37.1	2620	2140	81.7	2156	-0.7	1064	918	1003		
	T	4500	505	222	43.9	323	-31.3	3460	2945	85.1	2908	1.2	1079	945	1023		
MEGHAHATUBURU	L	875	90	53	59.2	90	-40.6	680	787	116	742	6.0	97	33	40		
	F	2625	213	179	83.9	231	-22.6	1992	2169	109	2033	6.7	501	274	274		
	T	3500	303	232	76.6	321	-27.7	2672	2956	111	2775	6.5	598	307	314		
BOLANI	L	2586	167	202	121.0	241	-16.2	1895	1686	89	1646	2.4	127	133	129		
	F	3914	280	370	132.1	275	34.3	2900	2728	94.1	2520	8.2	1617	1763	1762		
	T	6500	447	572	127.9	517	10.7	4795	4414	92.1	4167	5.9	1744	1896	1891		
BARSUA	L	803	70	76	109.2	71	7.7	625	487	77.9	382	27.6	19	19	14		
	F	1697	155	120	77.1	109	9.3	1310	776	59.2	717	8.2	284	253	230		
	T	2500	225	196	87.1	180	8.7	1935	1263	65.3	1099	14.9	303	272	244		
TALDIH	L	332	28	48	171.1			249	268	108	176	52.7	17	42	45		
	F	618	52	75	144.9			465	384	82.6	103	272.5	27	31	71		
	T	950	80	123	154.1			714	652	91.4	279	134.0	44	73	116		
KALTA	L	1229	105	74	70.0	81	-8.9	915	557	60.8	634	-12.2	35	5	6		
	F	1071	95	119	125.2	73	62.4	800	529	66.1	544	-2.9	53	3	9		
	T	2300	200	192	96.2	154	25.0	1715	1085	63.3	1178	-7.9	88	8	15		
GUA	L	1130	100	46	46.2	97	-52.5	840	652	77.7	812	-19.7	26	39	35		
	F	2870	250	116	46.3	199	-42.0	2141	1785	83.4	1783	0.1	141	211	239		
	T	4000	350	162	46.3	297	-45.4	2981	2438	81.8	2596	-6.1	167	250	274		
MANOHARPUR	L	375	32	41	127.9	41	-1.1	284	265	93.3	303	-12.5		1			
	F	375	32	18	56.8	54	-66.5	284	269	94.9	248	8.7	3	9	8		
	T	750	64	59	92.4	96	-38.2	568	534	94.1	550	-2.9	3	10	8		
TOTAL	L	8480	697	620	88.9	717	-13.6	6328	5506	87	5447	1.1	336	299	289		
	F	16520	1477	1139	77.1	1169	-2.6	12512	10782	86.2	10106	6.7	3690	3462	3596		
	T	25000	2174	1758	80.9	1887	-6.8	18840	16287	86.5	15552	4.7	4026	3761	3885		

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

December 2019

UNIT 000 TE

DEVELOPMENT										
	FOR MONTH			LAST YR Dec 2018	GRTH %	TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF			TGT	ACT	%FF		
KIRIBURU	310	126	41	115	9	1810	1074	59	846	27
MEGHAHATUBURU	420	383	91	252	52	3170	2588	82	2127	22
BOLANI	420	159	38	308	-48	3240	1415	44	2303	-39
BARSUA	170	41	24	50	-18	1250	427	34	248	72
TALDIH	78	64	82			679	331	49	65	406
KALTA										
GUA	320	93	29	186	-50	2520	510	20	1701	-70
MANOHARPUR							12		1	1029
TOTAL	1718	866	50	911	-5	12669	6355	50	7291	-12.8

ROM										
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KIRIBURU	405	302	75	328	-8	3285	2887	88	2939	-2
MEGHAHATUBURU	315	228	72	312	-27	2950	2863	97	2859	0
BOLANI	340	577	170	499	16	4720	4569	97	4109	11
BARSUA	245	171	70	189	-9	2115	1243	59	1346	-8
TALDIH	80	156	195			714	733	103	443	66
KALTA	200	200	100	164	22	1715	1134	66	1185	-4
GUA	350	231	66	311	-25	2980	2662	89	2767	-4
MANOHARPUR	64	57	90	91	-37	568	542	95	541	0
TOTAL	1999	1923	96	1893	2	19047	16634	87	16189	3

TOTAL EXCAVATION										
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KIRIBURU	715	428	60	443	-3	5095	3961	78	3785	5
MEGHAHATUBURU	735	611	83	564	8	6120	5450	89	4985	9
BOLANI	760	736	97	807	-9	7960	5983	75	6412	-7
BARSUA	415	212	51	239	-11	3365	1670	50	1595	5
TALDIH	158	220	139			1393	1064	76	508	109
KALTA	200	200	100	164	22	1715	1134	66	1185	-4
GUA	670	324	48	496	-35	5500	3172	58	4469	-29
MANOHARPUR	64	57	90	91	-37	568	554	98	542	2
TOTAL	3717	2789	75	2804	-1	31716	22988	72	23480	-2

Performance against Last Year

Unit in Te

	PREVIOUS YEAR EXCAVATION PERFORMANCE 2018-19																											
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	
Apr-18	414550	277830	136720	579990	299790	280200	693432	308108	385324	2365		2365	121796	98306	23490	141140	141140		532303	341000	191303	18700	18700		2504276	1484874	1019402	
May-18	464760	365490	99270	660790	297090	363700	697182	468363	228819	109405	88915	20490	111636	89676	21960	144020	144020		571268	341100	230168	70140	70140		2829201	1864794	964407	
Jun-18	538824	346680	192144	595770	262170	333600	705132	485008	220124	197559	181049	16510	94690	79030	15660	117100	117100		431453	325310	106143	65968	64914	1054	2746496	1861261	885235	
Jul-18	343980	310230	33750	489910	315810	174100	605878	449568	156310	157244	141135	16109	75485	71255	4230	89100	89100		486783	322650	164133	46439	46439		2294819	1746187	548632	
Aug-18	346140	314280	31860	606930	358830	248100	706618	424818	281800	190450	155765	34685	60770	60770		127600	127600		490050	300060	189990	50834	50834		2579392	1792957	786435	
Sep-18	373230	285570	87660	471450	298350	173100	649401	453150	196251	203212	177207	26005	21547	21547		108600	108600		487898	302090	185808	55376	55376		2370714	1701890	668824	
Oct-18	418500	350550	67950	523280	378180	145100	786217	521929	264288	247501	211921	35580	22324	22324		142200	142200		485099	294520	190579	67291	67291		2692412	1988915	703497	
Nov-18	441720	360270	81450	492930	336330	156600	761408	499367	262041	247874	201574	46300				150700	150700		487353	229860	257493	76423	76423		2658408	1854524	803884	
Dec-18	443200	327960	115240	564210	312210	252000	806853	498720	308133	238931	188861	50070				164150	164150		496305	310590	185715	90699	90699		2804348	1893190	911158	
Total	3784904	2938860	846044	4985260	2858760	2126500	6412121	4109031	2303090	1594541	1346427	248114	508248	442908	65340	1184610	1184610		4468512	2767180	1701332	541870	540816	1054	23480067	16188592	7291474	

	THIS YEAR EXCAVATION PERFORMANCE 2019-20																											
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	
Apr-19	476920	304560	172360	581010	330210	250800	731841	548586	183255	2412	2412		45841	45616	225	176200	176200		334980	290790	44190	92799	84005	8794	2442003	1782379	659624	
May-19	513762	305010	208752	600080	348300	251780	677697	570506	107191	256843	180023	76820	53438	53438		159400	159400		373590	292950	80640	62702	61609	1093	2697512	1971236	726276	
Jun-19	518580	360630	157950	611100	335430	275670	736765	583665	153100	219139	160464	58675	87789	45903	41886	129100	129100		355590	312750	42840	37068	35059	2009	2695131	1963001	732130	
Jul-19	462420	359820	102600	596481	317610	278871	666320	548798	117522	210022	158842	51180	116769	73281	43488	84200	84200		319140	293490	25650	47976	47976		2503328	1884017	619311	
Aug-19	410850	320490	90360	578915	350100	228815	599032	493051	105981	187353	135788	51565	63168	41820	21348	27700	27700		378630	322830	55800	65108	65108		2310756	1756887	553869	
Sep-19	370170	297810	72360	603920	309330	294590	586581	277302	309279	165141	116906	48235	127412	85008	42404	26700	26700		385250	286830	98420	46629	46629		2311803	1446515	865288	
Oct-19	403290	337680	65610	635372	327510	307862	565753	437635	128118	199221	144171	55050	137310	91285	46025	111400	111400		325875	289080	36795	69265	69265		2447486	1808026	639460	
Nov-19	377100	299520	77580	632901	316890	316011	683265	532253	151012	217593	173268	44325	212242	140740	71502	219600	219600		374050	341920	32130	74933	74933		2791684	2099124	692560	
Dec-19	427950	301860	126090	610941	227520	383421	736074	576934	159140	212112	170962	41150	219893	156266	63628	200100	200100		324460	231400	93060	57495	57495		2789025	1922537	866489	
Total	3961042	2887380	1073662	5450720	2862900	2587820	5983328	4568730	1414598	1669836	1242836	427000	1063862	733356	330506	1134400	1134400		3171565	2662040	509525	553975	542079	11896	22988728	16633721	6355007	

Change Over Last Year

DIF	176138	-51480	227618	465460	4140	461320	-428793	459699	-888492	75295	-103591	178886	555614	290448	265166	-50210	-50210	-1296947	-105140	-1191807	12105	1263	10842	-491338	445129	-936467	
%Chg	4.7	-1.8	26.9	9.3	0.1	21.7	-6.7	11.2	-38.6	4.7	-7.7	72.1	109.3	65.6	405.8	-4.2	-4.2	-	-29.0	-3.8	-70.1	2.2	0.2	1028.7	-2.1	2.7	-12.8

Performance against Last Year

Unit in Te

PREVIOUS YEAR PRODUCTION PERFORMANCE 2018-19																												
	Kiriburu			Meghatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-18	73813	204017	277830	82542	217606	300148	93647	217222	310869				39333	29869	69202	79217	88549	167766	92820	248180	341000	18700			18700	480072	1005443	1485515
May-18	83313	282177	365490	86157	217474	303631	184358	276615	460973	23342	65573	88915	35870	35918	71788	74843	71871	146714	94338	246762	341100	44310	25830	70140	626531	1222220	1848751	
Jun-18	75868	270812	346680	68642	235470	304112	185256	292582	477838	50900	129999	180899	31623	13503	45126	61887	45438	107325	94500	230810	325310	33310	31604	64914	601986	1250218	1852204	
Jul-18	86553	223677	310230	86047	135257	221304	193161	251857	445018	46105	85412	131517	28502	15190	43692	48711	16190	64901	96275	226375	322650	18981	27458	46439	604335	981416	1585751	
Aug-18	90540	223740	314280	137381	135108	272489	188120	219138	407258	47165	99358	146523	24308	664	24972	78855	52463	131318	84805	215255	300060	31619	19215	50834	682793	964941	1647734	
Sep-18	78941	206629	285570	80208	173058	253266	169437	269053	438490	50684	120045	170729	6464	10116	16580	62818	44316	107134	81045	221045	302090	35682	19694	55376	565279	1063956	1629235	
Oct-18	85742	264808	350550	90090	270372	360462	217696	286553	504249	55820	148752	204572	6697		6697	74938	76859	151797	79019	215501	294520	31869	35426	67295	641871	1298271	1940142	
Nov-18	77609	282661	360270	78050	248001	326051	197315	302994	500309	59480	132533	192013				73715	80549	154264	64574	165286	229862	38186	38237	76423	588929	1250261	1839190	
Dec-17	88627	239333	327960	56850	268455	325305	214101	309079	523180	57138	121680	178818				78390	81905	160295	88456	222134	310590	42698	48001	90699	626260	1290587	1916847	
Total	741006	2197854	2938860	765967	1900801	2666768	1643091	2425093	4068184	390634	903352	1293986	172797	105260	278057	633373	558140	1191513	775832	1991348	2767180	295355	245465	540820	5418056	10327313	15745369	

THIS YEAR PRODUCTION PERFORMANCE 2019-20

THIS YEAR PRODUCTION PERFORMANCE 2019-20																											
	Kiriburu			Meghatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-19	96120	208440	304560	80355	231111	311466	235045	320436	555481	1447	965	2412	23020	22596	45616	70273	83074	153346	86470	204320	290790	41031	42975	84006	633761	1113916	1747677
May-19	80463	224547	305010	72935	263700	336635	215460	379261	594721	90186	89837	180023	27238	21392	48630	68818	82737	151555	86275	206675	292950	25831	35778	61609	667206	1303927	1971133
Jun-19	96565	264065	360630	75243	248397	323640	191188	393427	584615	54669	105795	160464	20853	22227	43080	64730	43652	108382	92885	219865	312750	7447	27612	35059	603580	1325040	1928620
Jul-19	108100	251149	359249	68360	211573	279933	194632	352006	546638	60996	89376	150372	24663	45143	69806	69762	19497	89259	84110	209380	293490	43828	4148	47976	654451	1182272	1836723
Aug-19	96623	223867	320490	84377	199584	283961	196442	293979	490421	44574	85833	130407	9534	30333	39867	23714	3041	26755	86283	236547	322830	21773	43335	65108	563320	1116519	1679839
Sep-19	80314	217496	297810	93604	160647	254251	102200	178842	282042	38793	71357	110150	42815	38188	81003	10051		10051	77945	208885	286830	15294	31335	46629	461016	907750	1368766
Oct-19	102046	235634	337680	103791	227315	331106	181041	256145	437186	57640	80281	137921	32725	54214	86939	52271	42258	94528	80665	208415	289080	33177	36088	69265	643355	1140350	1783705
Nov-19	73154	226366	299520	94389	247509	341898	181900	344373	526273	63356	105528	168884	47802	86259	134061	86064	85742	171806	89635	252285	341920	34800	40132	74932	671100	1388194	2059294
Dec-19	75264	226596	301860	59806	184528	244334	197304	365450	562754	67890	99847	167737	55303	100963	156266	78871	122659	201530	62100	169300	231400	39803	17692	57495	636341	1287035	1923375
Total	808649	2078160	2886809	732860	1974364	2707224	1695212	2884919	4580131	479551	728819	1208370	283953	421314	705267	524554	482660	1007213	746368	1915672	2662040	262984	279095	542079	5534130	10765003	16299133

ge Over Last Year

DIFF	-67643	-119694	-52051	-33107	73563	40456	52121	459826	511947	88917	-174533	-85616	111156	316054	427210	-108820	-75480	-184300	-29464	-75676	-105140	-32371	33630	1258	116075	437690	553764
%Chg	9	-5	-2	-4	4	2	3	19	13	23	-19	-7	64	300	154	-17	-14	-15	-4	-4	-4	-11	14	0	2	4	4

Performance against Last Year

Unit in Te

PREVIOUS YEAR DESPATCH PERFORMANCE 2018-19																											
	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-18	83370	219106	302476	124184	208457	332641	121767	314857	436624				41799	23872	65671	72764	88815	161579	110181	207154	317335	18434	572499	1062261	1634760		
May-18	86809	224690	311499	90587	221302	311889	143299	321339	464638	11027	13401	24428	28797	33720	62517	72019	67164	139183	105181	173192	278373	48609	22053	70662	586328	1076861	1663189
Jun-18	77029	251775	328804	55535	254983	310518	233646	310958	544604	48990	69219	118209	36341	16492	52833	71150	57334	128484	97799	171704	269503	30731	33316	64047	651221	1165781	1817002
Jul-18	86744	222210	308954	86332	189169	275501	196074	277784	473858	49665	110036	159701	32062	14194	46256	46764	14455	61219	99794	213607	313401	22688	26287	48975	620123	1067742	1687865
Aug-18	70849	232280	303129	103720	211329	315049	195435	210652	406087	34538	112653	147191	10639		10639	79638	39235	118873	89921	225752	315673	26029	19246	45275	610769	1051147	1661916
Sep-18	82155	272635	354790	83990	211535	295525	175113	220309	395422	42903	86578	129482	3846	14883	18729	57156	57061	114217	70118	204300	274418	42425	23236	65661	557706	1090537	1648244
Oct-18	79501	257678	337179	50670	243433	294103	161384	273019	434403	63013	93967	156980	22076		22076	78468	75139	153607	73948	210812	284760	29102	34024	63126	558162	1188072	1746234
Nov-18	89635	249059	338694	57001	262146	319147	178349	315854	494204	60598	122130	182727				75421	71650	147071	68147	177431	245578	43263	35319	78582	572414	1233589	1806004
Dec-18	96283	226587	322870	89749	230962	320711	241156	275462	516618	71030	109351	180381				80692	73238	153929	97134	199377	296511	41377	54287	95664	717421	1169264	1886685
Total	752375	2156020	2908395	741768	2033316	2775085	1646224	2520234	4166458	381764	717335	1099099	175560	103161	278721	634072	544091	1178163	812223	1783329	2595552	302658	247768	550426	5446644	10105254	15551898

THIS YEAR DESPATCH PERFORMANCE 2019-20																											
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-19	96988	280794	377782	115405	294500	409906	160085	257840	417926	18255	60941	79197	23870	24945	48815	81820	99024	180844	93757	203027	296784	37460	40809	78269	627641	1261881	1889522
May-19	84249	276191	360439	69662	300928	370590	218759	294752	513511	67408	52621	120030	23807	19674	43481	71974	110531	182505	80272	206594	286866	34307	33098	67405	650438	1294389	1944827
Jun-19	95527	281789	377316	80316	264348	344664	211647	346997	558644	77147	107264	184411	19975	14596	34570	61726	37443	99169	81427	211581	293008	6378	24141	30520	634143	1288159	1922302
Jul-19	103456	258082	361538	87011	266761	353772	202773	327706	530480	58008	65353	123360	27185	42716	69901	92230	29799	122029	75013	191694	266707	46149	10536	56685	691826	1192647	1884472
Aug-19	97197	225015	322212	96678	217620	314298	204511	320141	524652	46417	87433	133850	9867	25602	35469	32191	7703	39894	67554	220597	288151	18968	15446	34414	573383	1119558	1692941
Sep-19	81263	219828	301091	90536	196358	286893	144955	258410	403365	42417	67431	109847	45638	45984	91622	7124		7124	64882	219808	284690	21038	38926	59964	497852	1046744	1544597
Oct-19	101241	221884	323125	98521	239451	337972	158402	261781	420183	43121	127796	170917	31382	54671	86053	53552	40352	93904	65118	194804	259922	29741	49956	79697	581077	1190695	1771772
Nov-19	65233	233929	299162	95095	210716	305812	182771	290738	473509	57750	87804	145555	38402	80706	119108	82462	84812	167274	78099	221673	299772	29951	38317	68268	629764	1248695	1878459
Dec-19	79304	142623	221927	53305	178659	231964	202072	369826	571898	76468	119520	195988	47905	75351	123256	73512	118930	192442	46164	115714	161878	40936	18190	59126	619667	1138812	1758479
Total	804457	2140135	2944592	786530	2169341	2955871	1685976	2728192	4414167	486992	776163	1263155	268031	384245	652276	556591	528593	1085184	652286	1785492	2437778	264930	269418	534348	5505792	10781579	16287371

Change Over Last Year

DIFF	52082	-15885	36197	44761	136025	180786	39752	207957	247709	105227	58828	164056	92471	281084	373555	-77481	-15498	-92978	-159937	2163	-157774	-37728	21650	-16078	59148	676325	735472
%Chg	6.9	-0.7	1.2	6.0	6.7	6.5	2.4	8.3	5.9	27.6	8.2	14.9	52.7	272.5	134.0	-12.2	-2.8	-7.9	-19.7	0.1	-6.1	-12.5	8.7	-2.9	1.1	6.7	4.7

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 2019

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	40	53	132	235	198	84	273	-27	70	41	58	495	959	194	802	20	110	93	85	730	1157	159	1075	8
MBR	65	50	77	445	439	99	286	54	60	78	130	679	796	117	780	2	125	128	102	1124	1235	110	1066	16
BOL	20	38	191	475	440	93	551	-20	55	67	122	640	388	61	503	-23	75	105	140	1115	828	74	1054	-21
BAR	60	14	23	530	381	72	102	275	80	58	73	858	602	70	546	10	140	72	52	1388	983	71	648	52
TAL	15			135	179	133	36	393	30	21	69	228	131	58	103	27	45	21	46	363	311	86	140	123
KAL	45			400	3	1	305	-99	35			204	53	26	120	-56	80			604	56	9	424	-87
GUA	15	1	5	45	32	70	26	24	6	3	45	62	87	141	86	1	21	3	17	107	119	111	112	6
MPR	5	41	819	72	196	272	188	4	15	3	23	135	88	65	164	-46	20	44	222	207	284	137	352	-19
RMD TOT	265	196	74	2337	1870	80	1767	6	351	271	77	3301	3104	94	3105	0	616	468	76	5638	4974	88	4871	2
DRZ																								
PUR																								
GR TOT	265	196	74	2337	1870	80	1767	6	351	271	77	3301	3104	94	3105	0	616	468	76	5638	4974	88	4871	2
FLUXES																								
KTR	40	40	101	360	359	100	250	44																
TDMR	8	4	51	56	54	96	53	1																
TOT	48	44	92	416	413	99	303	36																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
December 2019
द्रगांपूर इस्पात संयंत्र

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF			
KRB																									
MBR				5			7	-32	8	42	519	62	176	284	98	80	8	42	519	62	180	291	105	72	
BOL	126	115	92	1054	906	86	799	13	148	159	107	1465	1435	98	1271	13	274	274	100	2519	2341	93	2070	13	
BAR																									
TAL																									
KAL																									
GUA	15	3	20	225	178	79	319	-44	50	4	8	436	325	75	708	-54	65	7	11	661	503	76	1027	-51	
MPR																									
RMD TOT	141	118	84	1279	1089	85	1125	-3	206	204	99	1963	1936	99	2077	-7	347	322	93	3242	3025	93	3202	-6	
DRZ																									
PUR																									
GR TOT	141	118	84	1279	1089	85	1125	-3	206	204	99	1963	1936	99	2077	-7	347	322	93	3242	3025	93	3202	-6	
FLUXES																									
KTR	4			48	32	66	36	-11																	
TDMR																									
TOT	4			48	32	66	36	-11																	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
December 2019
राउरकेला इस्पात संयंत्र

MINE	LUMP								FINES								TOTAL								UNIT '000 TONNES			
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH				
	APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF						
KRB	65	27	41	605	606	100	479	26	105	56	53	850	879	103	1299	-32	170	83	49	1455	1485	102	1778	-16				
MBR	25	3	14	235	343	146	446	-23	120	11	9	1010	862	85	996	-13	145	14	10	1245	1205	97	1442	-16				
BOL																												
BAR	10	63	626	95	106	112	280	-62	60	61	102	427	174	41	171	2	70	124	177	522	280	54	451	-38				
TAL	13	48	369	114	89	78	139	-36	22	55	248	237	253	107			35	102	293	351	342	97	139	146				
KAL	60	74	123	515	553	107	329	68	60	112	186	596	468	79	425	10	120	185	154	1111	1021	92	754	35				
GUA														11											11			
MPR				10	65	655	89	-27	17	15	87	149	176	118	60	194	17	15	87	159	241	152	149	62				
RMD TOT	173	214	124	1574	1762	112	1764	0	384	309	80	3269	2823	86	2951	-4	557	523	94	4843	4585	95	4714	-3				
PUR																												
DRZ								6	-100															6	-100			
GR TOT	173	214	124	1574	1762	112	1770	0	384	309	80	3269	2823	86	2951	-4	557	523	94	4843	4585	95	4720	-3				
FLUXES																												
KTR	20	12	60	100	204	204	63	223																				
TDMR	6	4	68	35	15	42	16	-10																				
TOT	26	16	62	135	218	162	79	175																				

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 2019

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									100			100			3	-100	100			100			3	-100		
MBR							3	-100		48			335			151	122		48			335			154	117
BOL	21	48	231	366	339	93	296	15	70	144	206	735	905	123	746	21	91	193	212	1101	1245	113	1042	19		
BAR																										
TAL																										
KAL																										
GUA	70	42	61	570	443	78	468	-5	187	80	43	1558	1013	65	989	2	257	122	48	2128	1456	68	1457	0		
MPR	27			202	3	2	25	-86						3		24	-87	27			202	7	3	49	-86	
RMD TOT	118	91	77	1138	785	69	792	-1	357	272	76	2393	2257	94	1914	18	475	363	76	3531	3043	86	2705	12		
DRZ																										
PUR																										
GR TOT	118	91	77	1138	785	69	792	-1	357	272	76	2393	2257	94	1914	18	475	363	76	3531	3043	86	2705	12		
FLUXES																										
KTR																										
TDMR																										
TOT																										

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 2019

ਪੰਜਾਬ ਇਸਪਾਤ ਸਂਘਰਾ

MINE	LUMP								FINES								TOTAL								UNIT '000 TONNES		
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH			
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%			
KRB									100	46	46	900	302	34	52	481	100	46	46	900	302	34	52	481			
MBR																8	-100								8	-100	
BOL																											
BAR																											
TAL																											
KAL										7				7					7				7				
GUA											29			349						29			349				
MPR														3									3				
RMD TOT									100	83	83	900	661	73	60	1006	100	83	83	900	661	73	60	1006			
DRZ																											
PUR																											
GR TOT									100	83	83	900	661	73	60	1006	100	83	83	900	661	73	60	1006			
FLUXES																											
KTR	40	48	120	372	406	109	321	27																			
TDMR	8	4	51	54	34	63	95	-64																			
TOT	48	52	108	426	440	103	416	6																			

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 2019

BSL+DSP+RSP+ISP+BSP

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	105	79	76	840	804	96	752	7	375	143	38	2345	2140	91	2156	-1	480	222	46	3185	2945	92	2908	1
MBR	90	53	59	680	787	116	742	6	188	179	95	1751	2169	124	2033	7	278	232	83	2431	2956	122	2775	7
BOL	167	202	121	1895	1686	89	1646	2	273	370	135	2840	2728	96	2520	8	440	572	130	4735	4414	93	4167	6
BAR	70	76	109	625	487	78	382	28	140	120	85	1285	776	60	717	8	210	196	93	1910	1263	66	1099	15
TAL	28	48	171	249	268	108	176	53	52	75	145	465	384	83	103	272	80	123	154	714	652	91	279	134
KAL	105	74	70	915	557	61	634	-12	95	119	125	800	529	66	544	-3	200	192	96	1715	1085	63	1178	-8
GUA	100	46	46	840	652	78	812	-20	243	116	48	2056	1785	87	1783	0	343	162	47	2896	2438	84	2596	-6
MPR	32	41	128	284	265	93	303	-12	32	18	57	284	269	95	248	9	64	59	92	568	534	94	550	-3
RMD TOT	697	620	89	6328	5506	87	5447	1	1398	1139	81	11826	10782	91	10106	7	2095	1758	84	18154	16287	90	15552	5
PUR																								
DRZ							6	-100															6	-100
GR TOT	697	620	89	6328	5506	87	5453	1	1398	1139	81	11826	10782	91	10106	7	2095	1758	84	18154	16287	90	15558	5

FLUXES

KTR	104	100	96	880	1000	114	669	49
TDMR	22	12	55	145	102	71	167	-39
TOT	126	112	89	1025	1103	108	836	32

FLUX MINES OPERATIONS
December 2019

UNIT 000 TONNES

PRODUCTION

MINE		PLAN 2019-20	FOR THE MONTH				GRTH % OVER LSTYR Dec 2018	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR Dec 2018		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1200	105	106	101.3	97	9.6	890	1006	113	655	53.6
TULSIDAMAR	DOLO	210	22	19	84.4	17	7.1	145	143	98.5	140	2.0
RMD TOTAL		1410	127	125	98.4	114	9.2	1035	1149	111	795	44.5

DESPATCHES

MINE		PLAN 2019-20	FOR THE MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1200	104	100	96.2	91	9.4	888	1000	113	669	49.5
TULSIDAMAR	DOLO	210	22	12	55.3	24	-49.9	145	102	70.5	167	-38.9
RMD TOTAL		1410	126	112	89.1	116	-3.1	1033	1103	107	836	31.8

Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2018-19					
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-18	65066	71776	13836	22043	78902	93819
May-18	75105	87834	14281	12953	89386	100787
Jun-18	98203	86914	15876	21881	114079	108795
Jul-18	81536	79424	12834	20622	94370	100046
Aug-18	46162	47466	14831	26918	60993	74384
Sep-18	78218	79007	19986	12059	98204	91066
Oct-18	60349	66898	14957	14969	75306	81867
Nov-18	53239	58462	16047	11375	69286	69837
Total	557878	577780	122648	142820	680526	720600

THIS YEAR FLUX PERFORMANCE 2019-20						
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-19	103185	103843	4991	6436	108176	110279
May-19	106405	111455	13271	5580	119676	117035
Jun-19	99865	103779	17007	21047	116872	124825
Jul-19	116147	103395	21599	19730	137746	123125
Aug-19	114438	118764	18702	8038	133140	126802
Sep-19	124345	127962	17721	4121	142066	132083
Oct-19	109201	110791	16712	21181	125913	131972
Nov-19	126203	120158	14231	3782	140434	123939
Total	899788	900145	124235	89914	1024023	990059

Over Last Year

DIFF	341910	322365	1587	-52906	343497	269459
%Chg	61.3	55.8	1.3	-37.0	50.5	37.4

QUALITY ANALYSED AT PLANT

December 2019

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प

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FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	62.5	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	62.63	3.76	1.83	24.16	16.8	61.34	4.75	2.67	9.14	33.33		MTH ACT	26.35	15.1	5.42	4.9	5.05
CUM	2019-20	62.68	3.47	1.98	22.43	16.5	61.59	4.37	2.55	8.54	32.61	CUM	2019-20	26.97	17.28	5.52	5.30	7.98
CUM	2018-19	62.69	3.48	1.81	15.13	18.65	62.07	3.84	2.37	9.88	30.63	CUM	2018-19	28.68	18.79	5.17	5.05	9.06

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.97	3.36	1.95	17.58	22.86	61.54	4.74	2.41	6.13	34.91		MTH ACT	41.31	4.5	3.85	10.36	18.07
CUM	2019-20	62.87	3.26	1.93	18.08	18.97	61.49	4.71	2.46	6.05	34.89	CUM	2019-20	43.15	3.88	3.57	10.44	17.48
CUM	2018-19	62.89	3.14	1.89	14.94	19.89	61.79	4.19	2.47	5.29	35.44	CUM	2018-19	43.69	2.42	3.53	6.85	22.69

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40							
	MTH ACT	62.36	4.46	1.61	19.5	22.3	62.16	4.24	2.17	5.7	38.8							
CUM	2019-20	61.47	2.61	1.95	18.06	18.69	60.18	3.68	2.52	3.9	37.11							
CUM	2018-19	63.14	2.75	1.87	20.18	18.68	62.37	3.44	2.22	3.03	41.02							

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30							
	MTH ACT	62.86	3	2.18	20.36	20.36	61.46	4.39	2.78	6.61	35.83							
CUM	2019-20	62.98	2.66	2.24	21.04	17.44	61.69	4.01	2.72	6.37	35.05							
CUM	2018-19	62.96	2.87	2.03	20.19	17.09	61.9	3.62	2.66	5.89	34.49							

BAR	NORM	62.5	2.9	3	10	10	62	3.5	3	5	30							
	MTH ACT	62.55	2.58	3.12	16.73	19.33	61.11	4.34	3.47	6.02	33.22							
CUM	2019-20	62.72	2.56	2.76	18.92	16.72	61.15	4.06	3.53	6.28	33.62							
CUM	2018-19	62.75	2.28	2.97	20.11	17.79	61.52	3.47	3.6	6.1	34.36							

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40							
	MTH ACT																	
CUM	2019-20	64.41	1.86	1.57	8.3	10.2	62.56	3.31	2.28	4.78	33.55							
CUM	2018-19	63.76	2.13	2.06	6.64	12.96	63.31	2.45	2.27	4.49	29.85							

MPR	NORM	63			10	10	63			5	40							
	MTH ACT	63.45	2.5	1.96	10.37	12.61	62.99	3.26	2.21	4.2	30.1							
CUM	2019-20	63.63	2.13	2	11.29	10.14	62.83	3.22	2.07	4.62	29.2							
CUM	2018-19	63.78	2.07	1.91	13	10.83	63.29	2.48	2.19	4.53	29.54							

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

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FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT						60.73	6.34	2.41	6.89	45.20 <th data-kind="ghost"></th> <th>MTH ACT</th> <td></td> <td></td> <td></td> <td></td> <td></td>		MTH ACT					
CUM	2019-20	58.8	6.9	2.6	5.2	17.1	60.73	6.34	2.41	6.89	45.2	CUM	2019-20					
CUM	2018-19	61.14	2.53	1.95	17.13	4.09	61.58	5.04	2.2	4.04	47.09	CUM	2018-19	46.79	2.11	3.99	18.2	17.77

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40
	MTH ACT	60.9	4	3	27.7	8.6	61.9	4	2.9	5.2	53.2
CUM	2019-20	61.94	3.8	2.03	14.21	12.19	62.46	3.55	2.47	4.53	48.96
CUM	2018-19	62.7	3.12	1.68	20.86	15.61	63.29	3.01	1.97	2.91	50.58

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30
	MTH ACT	62.43	2.83	1.81	25.55	10.93	61.81	3.39	2.97	7.84	41.5
CUM	2019-20	61.82	3.5	1.92	25.02	11.94	62.05	3.44	2.63	7.58	40.65
CUM	2018-19	62.18	2.87	1.94	22.28	14.17	62.39	3.07	2.61	5.88	41.44

QUALITY ANALYSED AT PLANT

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FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES	CaO%	MgO%	SiO ₂ %	OS%	US%	
KRB	NORM	62.5	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	62.10	2.83	3.46	11.50	21.75	61.59	3.56	3.26	8.00	39.00		MTH ACT	26.60	20.20	6.20		
CUM	2019-20	62.13	4.04	2.55	15.80	21.50	61.47	4.41	2.54	7.59	39.78	CUM	2019-20	27.86	19.99	5.06		
CUM	2018-19	62.57	3.30	2.68	14.73	20.57	62.07	3.31	2.72	7.50	37.19	CUM	2018-19					

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.60	2.80	2.70	8.00	23.00	61.90	3.33	3.00	7.50	39.00		MTH ACT	48.73	2.53	4.90		
CUM	2019-20	62.42	2.93	3.23	19.80	20.10	61.53	4.27	2.55	10.05	34.75	CUM	2019-20	49.74	2.41	3.59		
CUM	2018-19	62.53	3.23	2.82	15.66	20.00	62.01	3.41	2.71	8.10	35.62	CUM	2018-19	49.78	2.61	3.04		

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

BAR	NORM	62.5	2.9	3	10	10	62	3.5	3	5	30							
	MTH ACT	62.37	2.73	3.24	7.91	20.91	61.44	3.41	3.54	7.50	38.00							
CUM	2019-20	62.55	2.68	3.10	8.40	20.17	61.73	3.54	3.06									
CUM	2018-19	62.41	3.14	3.08	12.87	22.29	61.80	3.42	2.98	7.20	34.12							

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40							
	MTH ACT	63.21	2.09	2.65	5.70	14.40	62.94	2.25	2.64	7.50	39.50							
CUM	2019-20	63.18	2.67	2.38	12.78	16.37	62.86	2.52	2.43	7.70	37.90							
CUM	2018-19	63.47	2.51	2.16	13.93	16.70	62.96	2.52	2.09	6.27	34.35							

MPR	NORM	63			10	10	63			5	40							
	MTH ACT						63.15	2.00	2.58									
CUM	2019-20	63.38	2.57	2.16	18.74	15.98	62.87	2.72	2.21	7.61	38.39							
CUM	2018-19	63.40	2.56	2.27	16.64	15.80	62.93	2.57	2.38	7.89	35.05							

TAL	NORM	62.5			5	10	62			5	40							
	MTH ACT	63.18	2.21	2.62	6.33	14.42	62.71	2.43	2.82	5.33	37.00							
CUM	2019-20	63.02	2.31	2.88	6.69	12.08	62.25	3.18	2.67	2.13	13.03							
CUM	2018-19	63.46	2.45	2.26	9.36	17.55												

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FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	62.5	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT												MTH ACT					
CUM	2019-20											CUM	2019-20					
CUM	2018-19						62.7	2.24	3.35	13.13	41.97	CUM	2018-19					

MBR		NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
MBR		MTH ACT						62.21	4.48	2.62	9.18	40.04		MTH ACT					
CUM	2019-20						61.91	4.95	2.31	8.64	39.24	CUM	2019-20						
CUM	2018-19	64.79	1.47	1.18	66.82	0.7	61.27	4.79	3.22	7.97	37.97	CUM	2018-19						

GUA		NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40	KTR	NORM	50	2.25	3.5	5	5
GUA		MTH ACT	62.82	3.99	1.91	20.93	6.47	63.25	3.19	1.99	9.64	43.10		MTH ACT					
CUM	2019-20	62.89	3.95	1.90	16.37	7.40	62.82	3.86	2.22	6.39	46.45	CUM	2019-20						
CUM	2018-19	63.06	3.05	1.97	23.77	2.77	62.87	3.49	2.42	5.09	47.62	CUM	2018-19						

BOL		NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30	KTR	NORM	50	2.25	3.5	5	5
BOL		MTH ACT	63.71	3.03	1.52	27.05	5.86	62.49	3.24	2.73	10.33	37.50		MTH ACT					
CUM	2019-20	63.02	3.67	1.96	24.69	6.45	62.51	3.76	2.55	9.03	39.09	CUM	2019-20						
CUM	2018-19	62.77	3.37	2.15	20.1	2.01	61.65	3.96	3.32	8.43	38.89	CUM	2018-19						

MPR		NORM	63			10	10	63			5	40	KTR	NORM	50	2.25	3.5	5	5
MPR		MTH ACT												MTH ACT					
CUM	2019-20						62.65	4.43	2.56	5.78	47.69	CUM	2019-20						
CUM	2018-19	63.37	2.49	2.12	23.76	3.3	61.03	4.45	3.97	5.28	47.99	CUM	2018-19						

QUALITY ANALYSED AT PLANT

December 2019

भिलाई इस्पात संयत्र

लौह अयस्क लम्प

लौह अयस्क फार्म्स

FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	62.5	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT						62.78	3.22	2.46	11.48	41.27		MTH ACT	29.05	18.36	7.03	31.4	4.3
CUM	2019-20						62.51	4.11	2.41	8.27	41.42	CUM	2019-20	28.25	18.28	7.47	29.02	12.76
CUM	2018-19						62.75	4.08	2.06	9.07	41.20	CUM	2018-19	28.53	17.64	8.24	33.75	9.24

MBR		62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
MTH ACT											MTH ACT		49.33	2.20	4.32	9.53	20.78	
CUM	2019-20											CUM	2019-20	49.76	2.23	3.91	9.10	18.49
CUM	2018-19						62.32	4.69	1.61	1.1	39.6	CUM	2018-19	49.83	2.26	3.90	9.19	18.30

GUA		62.5	3	2.2	10	10	62.5	3	2.7	5	40							
MTH ACT						62.41	4.74	2.34	2.19	55.20								
CUM	2019-20						63.42	3.55	2.03	2.07	54.41							
CUM	2018-19																	

किरीबुरू

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.61	3.35	2.42	14.85	19.99	5.77	0.72	1008420
APP 19-20	62.50	3.00	2.50	10.00	10.00	5.50	0.83	1150000
Apr-19	62.43	3.42	2.57	15.85	19.54	5.99	0.75	98123
May-19	62.53	2.79	3.16	15.16	21.34	5.95	1.13	85576
Jun-19	62.63	3.06	2.87	14.47	22.92	5.93	0.94	81540
Jul-19	62.35	3.98	2.30	18.32	20.56	6.29	0.58	104549
Aug-19	62.07	4.29	2.32	19.87	17.65	6.61	0.54	101188
Sep-19	61.97	4.91	1.95	17.91	21.95	6.86	0.40	77563
Oct-19	61.50	5.66	1.87	15.92	21.19	7.53	0.33	106397
Nov-19	62.63	3.01	2.29	20.61	18.63	5.29	0.76	77812
Dec-19	62.44	3.43	2.41	19.65	18.56	5.84	0.70	78858
Jan-20								
Feb-20								
Mar-20								
CUMML	62.26	3.90	2.40	17.49	20.23	6.30	0.62	811606

किरीबुरू

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.09	3.53	2.57	8.45	34.82	6.10	0.73	2869948
APP 19-20	62.50	3.40	2.60	5.00	30.00	6.00	0.76	3350000
Apr-19	61.96	3.76	2.61	7.48	37.31	6.37	0.69	268667
May-19	62.01	3.63	2.90	7.78	38.21	6.53	0.80	277835
Jun-19	62.15	3.45	2.69	7.63	32.71	6.14	0.78	272036
Jul-19	61.61	4.51	2.38	7.35	37.17	6.89	0.53	252007
Aug-19	61.38	4.88	2.27	8.92	37.56	7.15	0.47	233704
Sep-19	61.11	5.21	2.32	8.37	37.18	7.53	0.44	221053
Oct-19	60.90	5.90	2.13	7.39	37.24	8.03	0.36	218799
Nov-19	61.80	4.32	2.62	9.51	35.91	6.94	0.61	292707
Dec-19	61.99	3.72	2.81	9.63	38.51	6.52	0.75	153517
Jan-20								
Feb-20								
Mar-20								
CUMML	61.68	4.34	2.53	8.18	36.74	6.87	0.58	2190325

मंधाहातुबुरू

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.66	3.19	2.46	15.56	19.79	5.64	0.77	1003297
APP 19-20	62.50	3.40	2.60	10.00	10.00	6.00	0.76	875000
Apr-19	62.96	2.90	2.18	17.98	18.75	5.08	0.75	118908
May-19	62.50	2.93	3.07	19.81	19.71	6.01	1.05	69120
Jun-19	62.70	3.07	2.42	18.63	17.47	5.49	0.79	75562
Jul-19	62.64	3.42	2.19	17.50	19.42	5.61	0.64	77921
Aug-19	62.54	3.65	2.21	17.11	20.11	5.86	0.60	101528
Sep-19	62.03	4.72	1.86	18.96	19.80	6.58	0.39	85676
Oct-19	61.84	4.86	2.03	17.61	19.99	6.89	0.42	99234
Nov-19	62.54	3.57	2.26	18.10	22.36	5.83	0.63	99493
Dec-19	62.94	3.32	2.00	16.91	22.87	5.32	0.60	49587
Jan-20								
Feb-20								
Mar-20								
CUMML	62.51	3.63	2.23	18.05	19.96	5.87	0.61	777029

मंधाहातुबुरू

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	61.86	3.88	2.62	6.81	36.47	6.50	0.67	2726334
APP 19-20	62.00	4.00	2.50	5.00	30.00	6.50	0.63	2625000
Apr-19	61.93	3.88	2.46	5.54	36.09	6.34	0.63	302274
May-19	61.72	3.94	2.78	7.43	38.62	6.72	0.71	302670
Jun-19	61.73	3.93	2.89	8.52	38.33	6.82	0.74	245894
Jul-19	61.58	4.69	2.48	6.59	37.66	7.18	0.53	278469
Aug-19	61.41	4.97	2.29	7.73	36.00	7.26	0.46	218171
Sep-19	61.53	5.07	2.08	13.68	23.13	7.15	0.41	192913
Oct-19	60.53	6.47	2.09	6.31	39.60	8.56	0.32	235708
Nov-19	61.26	5.31	2.51	6.95	38.80	7.82	0.47	195814
Dec-19	61.58	4.86	2.52	7.20	38.73	7.38	0.52	186163
Jan-20								
Feb-20								
Mar-20								
CUMML	61.50	4.71	2.47	7.59	36.59	7.19	0.52	2158076

बोलानी

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.55	2.97	2.01	21.16	12.69	4.98	0.68	2197173
APP 19-20	62.50	2.80	2.50	10.00	10.00	5.30	0.89	2586000
Apr-19	63.10	2.22	2.27	21.08	11.98	4.49	1.02	160023
May-19	62.53	3.01	2.24	18.21	14.02	5.25	0.74	215081
Jun-19	62.76	2.67	2.10	24.48	14.09	4.78	0.79	202516
Jul-19	62.05	4.17	1.87	26.21	11.77	6.04	0.45	197433
Aug-19	61.77	4.01	1.74	30.16	9.27	5.75	0.43	200134
Sep-19	62.26	2.95	1.98	32.23	11.98	4.93	0.67	142430
Oct-19	62.36	3.42	1.92	21.29	13.13	5.35	0.56	146213
Nov-19	61.78	4.30	2.21	17.18	12.43	6.50	0.51	173885
Dec-19	62.81	2.91	1.82	24.84	11.68	4.73	0.62	205306
Jan-20								
Feb-20								
Mar-20								
CUMML	62.38	3.31	2.01	23.89	12.26	5.32	0.61	1643021

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लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.96	3.47	1.88	18.97	7.69	5.34	0.54	1084884
APP 19-20	62.50	3.00	2.20	10.00	10.00	5.20	0.73	1130000
Apr-19	63.45	2.37	2.12	8.58	10.10	4.49	0.89	93991
May-19	63.02	2.84	1.84	10.50	10.31	4.67	0.65	87035
Jun-19	63.52	2.82	1.91	17.35	8.53	4.73	0.68	88072
Jul-19	62.55	3.76	1.76	18.24	7.71	5.52	0.47	79082
Aug-19	62.05	4.52	2.02	23.96	8.08	6.54	0.45	71280
Sep-19	61.87	4.90	1.95	12.89	11.62	6.86	0.40	63634
Oct-19	63.00	4.46	1.67	15.16	11.30	6.13	0.37	57247
Nov-19	61.20	5.82	2.08	19.10	8.15	7.91	0.36	67940
Dec-19	62.61	4.00	2.01	21.61	6.99	6.02	0.50	46907
Jan-20								
Feb-20								
Mar-20								
CUMML	62.66	3.80	1.93	15.87	9.24	5.73	0.51	655188

बोलानी

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.05	3.47	2.85	6.72	39.22	6.32	0.82	3267584
APP 19-20	62.50	2.90	2.80	5.00	30.00	5.70	0.97	3914000
Apr-19	61.93	3.33	3.13	7.01	45.01	6.46	0.94	251813
May-19	62.45	3.24	2.59	8.03	39.81	5.83	0.80	297107
Jun-19	62.35	3.44	2.60	8.79	38.10	6.04	0.75	340167
Jul-19	62.19	4.01	2.38	7.33	37.14	6.39	0.59	325186
Aug-19	61.94	4.09	2.42	8.49	38.25	6.51	0.59	317909
Sep-19	62.29	3.32	2.38	9.65	35.90	5.70	0.72	266861
Oct-19	62.71	3.63	2.17	5.99	40.78	5.80	0.60	260458
Nov-19	61.57	4.00	3.03	6.54	41.31	7.03	0.76	280234
Dec-19	62.01	3.51	2.85	8.57	39.00	6.36	0.81	380589
Jan-20								
Feb-20								
Mar-20								
CUMML	62.16	3.63	2.61	7.89	39.33	6.24	0.72	2720324

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फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.99	3.32	2.26	4.25	48.31	5.58	0.68	2402128
APP 19-20	62.50	3.00	2.70	5.00	40.00	5.70	0.90	2870000
Apr-19	62.78	3.16	2.75	5.34	43.03	5.91	0.87	203894
May-19	62.90	3.31	2.37	4.75	46.28	5.68	0.72	213942
Jun-19	63.11	3.17	2.32	6.01	47.33	5.48	0.73	219144
Jul-19	63.03	3.52	2.14	5.41	49.48	5.66	0.61	194160
Aug-19	62.33	4.14	2.39	4.28	48.54	6.53	0.58	229040
Sep-19	62.80	4.54	1.76	4.71	50.32	6.31	0.39	213036
Oct-19	62.87	4.55	2.06	4.87	49.70	6.60	0.45	202368
Nov-19	61.77	4.98	2.46	4.53	51.94	7.44	0.49	222747
Dec-19	62.90	3.75	2.15	6.96	47.37	5.90	0.57	129755
Jan-20								
Feb-20								
Mar-20								
CUMML	62.70	3.92	2.27	5.12	48.28	6.19	0.58	1828086

बरसुआ

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.58	2.71	3.03	16.49	20.04	5.74	1.12	594000
APP 19-20	62.50	2.90	3.00	10.00	10.00	5.90	1.03	803000
Apr-19	62.63	2.36	3.00	16.36	16.33	5.36	1.27	18255
May-19	62.81	2.40	2.75	17.27	15.72	5.15	1.15	64420
Jun-19	62.92	2.42	2.54	21.48	18.28	4.96	1.05	77557
Jul-19	62.54	2.59	2.97	18.12	13.56	5.56	1.15	57323
Aug-19	62.86	2.50	2.62	20.46	14.86	5.12	1.05	46610
Sep-19	62.67	2.68	2.73	16.87	14.86	5.41	1.02	45600
Oct-19	62.42	3.10	2.72	17.72	24.20	5.82	0.88	36216
Nov-19	62.72	2.71	2.86	10.99	20.22	5.57	1.06	87268
Dec-19	62.40	2.71	3.22	9.14	20.69	5.93	1.19	72736
Jan-20								
Feb-20								
Mar-20								
CUMML	62.68	2.61	2.82	16.02	17.83	5.43	1.08	505985

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फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	61.57	3.46	3.50	6.28	34.32	6.96	1.01	1065000
APP 19-20	62.00	3.50	3.00	5.00	30.00	6.50	0.86	1697000
Apr-19	61.45	3.64	3.43	5.86	33.27	7.07	0.94	67951
May-19	60.77	4.18	4.00	6.43	34.11	8.18	0.96	49035
Jun-19	61.20	3.85	3.61	6.35	34.64	7.46	0.94	103928
Jul-19	60.72	4.17	3.99	6.10	34.90	8.16	0.96	72204
Aug-19	61.29	3.99	3.35	6.41	34.20	7.34	0.84	87433
Sep-19	61.27	4.04	3.36	6.32	31.94	7.40	0.83	60386
Oct-19	61.34	4.23	3.09	6.46	32.53	7.32	0.73	141710
Nov-19	61.95	3.46	2.92	6.96	39.49	6.38	0.85	146331
Dec-19	61.25	3.95	3.50	6.63	35.20	7.45	0.88	147413
Jan-20								
Feb-20								
Mar-20								
CUMML	61.32	3.92	3.39	6.47	34.86	7.31	0.86	876391

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.43	2.44	2.23	9.97	16.87	4.68	0.91	180621
APP 19-20	62.50			5.00	10.00			332000
Apr-19	63.54	1.84	2.19	10.80	11.43	4.03	1.19	24261
May-19	62.98	2.36	2.70	12.41	15.94	5.06	1.14	27391
Jun-19	63.14	2.43	2.49	11.97	12.89	4.91	1.03	17089
Jul-19	63.15	2.00	2.44	10.70	10.40	4.44	1.22	27484
Aug-19	63.49	2.29	1.93	10.43	9.37	4.22	0.84	10603
Sep-19	63.05	2.71	2.13	10.77	10.02	4.84	0.79	43979
Oct-19	62.98	2.48	2.47	9.76	12.38	4.95	1.00	36862
Nov-19	62.99	2.22	2.97	9.76	12.38	5.19	1.33	18114
Dec-19	63.18	2.21	2.62	6.33	14.42	4.83	1.19	47905
Jan-20								
Feb-20								
Mar-20								
CUMML	63.14	2.31	2.45	9.95	12.34	4.76	1.06	253688

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.53	2.87	3.02	4.90	30.39	5.89	1.05	101338
APP 19-20	62.00			5.00	40.00			618000
Apr-19	61.79	3.68	2.92	4.94	29.34	6.60	0.79	25767
May-19	61.91	3.11	3.19	6.66	36.90	6.30	1.02	19562
Jun-19	61.72	3.36	3.25	7.10	36.00	6.61	0.97	14989
Jul-19	61.92	3.82	2.43			6.25	0.64	39453
Aug-19	61.46	4.57	2.40			6.97	0.53	28626
Sep-19	61.82	3.91	2.61	5.96	34.05	6.52	0.67	48752
Oct-19	62.29	3.38	2.55	5.30	30.23	5.93	0.75	55551
Nov-19	62.42	2.89	2.76	5.30	30.23	5.64	0.95	15055
Dec-19	62.35	3.00	2.80	5.17	35.57	5.80	0.94	72207
Jan-20								
Feb-20								
Mar-20								
CUMML	62.03	3.52	2.70	5.57	33.27	6.22	0.77	319962

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.65	2.23	2.02	15.03	11.12	4.24	0.90	406931
APP 19-20	63.00			10.00	10.00			375000
Apr-19	63.67	2.12	1.95	14.64	10.92	4.07	0.92	36849
May-19	63.71	1.94	2.14	14.25	11.51	4.08	1.11	29189
Jun-19	63.72	1.95	2.10	10.53	8.40	4.05	1.08	11963
Jul-19	63.62	2.13	2.05	12.37	10.29	4.17	0.96	47536
Aug-19	63.65	2.05	2.07	10.52	9.22	4.12	1.01	19836
Sep-19	63.59	2.36	2.04	17.41	14.87	4.40	0.86	20468
Oct-19	63.29	2.72	2.01	14.32	12.45	4.73	0.74	29259
Nov-19	63.25	2.40	2.27	12.00	10.06	4.67	0.95	26563
Dec-19	63.45	2.50	1.96	10.37	12.61	4.46	0.78	41944
Jan-20								
Feb-20								
Mar-20								
CUMML	63.54	2.26	2.05	12.93	11.29	4.32	0.91	263607

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.57	2.38	2.13	11.41	15.41	4.50	0.89	919599
APP 19-20	63.00	2.10	2.30	5.00	10.00	4.40	1.10	1229000
Apr-19	63.48	2.50	2.11	13.65	15.08	4.61	0.84	79514
May-19	63.36	2.21	2.59	16.00	15.70	4.80	1.17	76324
Jun-19	63.30	2.50	2.40	15.40	15.30	4.90	0.96	56938
Jul-19	63.22	2.76	2.30	17.15	13.77	5.06	0.83	91889
Aug-19	63.19	3.15	2.03	17.43	14.71	5.18	0.64	31995
Sep-19	61.80	4.80	2.30	12.00	24.50	7.10	0.48	7294
Oct-19	62.80	3.80	2.00	9.80	22.10	5.80	0.53	50934
Nov-19	63.00	2.70	2.60	8.60	19.70	5.30	0.96	86508
Dec-19	63.21	2.09	2.65	5.70	14.40	4.73	1.27	74295
Jan-20								
Feb-20								
Mar-20								
CUMML	63.19	2.67	2.37	12.73	16.34	5.04	0.89	555691

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फाइंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.95	2.74	2.44	5.18	32.72	5.18	0.89	338554
APP 19-20	63.00			5.00	40.00			375000
Apr-19	62.69	2.66	2.37	6.26	34.42	5.03	0.89	35806
May-19	62.97	2.42	2.46	7.37	37.99	4.89	1.02	37045
Jun-19	62.74	3.06	2.36	4.18	29.32	5.43	0.77	23826
Jul-19	62.40	3.20	2.40	5.00	38.00	5.60	0.75	6347
Aug-19	63.13	3.26	1.56	5.23	29.48	4.82	0.48	16508
Sep-19	62.96	2.90	1.97	6.73	36.32	4.87	0.68	36471
Oct-19	62.66	3.39	1.96	6.67	36.30	5.35	0.58	51326
Nov-19	62.75	2.92	2.38	7.36	36.23	5.30	0.81	38465
Dec-19	63.12	2.24	2.51	4.20	30.10	4.75	1.12	18187
Jan-20								
Feb-20								
Mar-20								
CUMML	62.82	2.90	2.21	6.30	34.83	5.11	0.76	263981

काल्टा

फाईंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.03	2.51	2.12	5.94	33.51	4.63	0.85	784000
APP 19-20	63.00	2.40	2.50	5.00	40.00	4.90	1.04	1071000
Apr-19	62.98	2.58	2.19	8.31	35.88	4.77	0.85	96577
May-19	62.92	2.39	2.44	7.95	37.65	4.84	1.02	107867
Jun-19	62.82	2.54	2.39	7.12	37.48	4.93	0.94	45255
Jul-19	62.83	2.60	2.36			4.96	0.91	30255
Aug-19	62.95	2.70	2.15			4.85	0.80	7725
Sep-19								
Oct-19	62.39	3.66	2.10	6.62	39.38	5.76	0.57	45152
Nov-19	62.70	2.70	2.50	6.00	34.00	5.20	0.93	74062
Dec-19	62.95	2.31	2.66	7.29	39.44	4.97	1.15	120583
Jan-20								
Feb-20								
Mar-20								
CUMML	62.85	2.59	2.41	7.36	37.33	5.00	0.93	527476

ગુણવત્તા :: બોકારો

BLEND

લાય

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	63.09	2.72	2.09	15.93	16.56	4.81	0.77	2375715
APP 19-20	62.60	2.79	2.57	8.89	10.00	5.36	0.92	3145000
Apr-19	63.24	2.43	2.06	16.27	15.46	4.50	0.85	228569
May-19	63.05	2.39	2.41	16.57	16.20	4.80	1.01	232270
Jun-19	63.05	2.49	2.28	20.67	16.77	4.78	0.92	232875
Jul-19	62.91	2.67	2.35	17.14	15.25	5.02	0.88	257492
Aug-19	63.06	2.68	2.18	18.86	14.53	4.86	0.81	178194
Sep-19	62.76	3.05	2.22	17.88	13.89	5.27	0.73	164730
Oct-19	62.59	3.38	2.22	16.21	16.92	5.60	0.66	178093
Nov-19	62.88	3.07	2.14	19.22	18.56	5.21	0.70	179252
Dec-19	62.94	3.16	2.03	18.25	18.29	5.19	0.64	189408
Jan-20								
Feb-20								
Mar-20								
CUMML	62.94	2.77	2.22	17.93	16.15	4.99	0.80	1840883

ગુણવત્તા:: દ્રગાંપૂર

BLEND

લાય

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.32	2.94	1.87	21.89	14.50	4.81	0.64	1408030
APP 19-20	62.50	2.83	2.45	10.00	10.00	5.28	0.87	1720000
Apr-19	63.22	1.75	2.00	21.81	13.91	3.75	1.14	107785
May-19	62.08	2.95	1.84	17.51	13.40	4.79	0.62	111280
Jun-19	62.45	3.06	1.95	21.15	12.39	5.01	0.64	138970
Jul-19	60.31	5.87	1.77	25.02	11.26	7.63	0.30	105105
Aug-19	60.60	4.68	1.83	28.70	9.63	6.51	0.39	134030
Sep-19	61.65	3.09	2.04	31.22	11.44	5.14	0.66	105300
Oct-19	62.29	3.13	1.90	22.47	12.85	5.03	0.61	105235
Nov-19	61.66	4.35	2.24	14.74	12.78	6.58	0.51	127140
Dec-19	62.37	2.88	1.86	25.64	10.84	4.73	0.65	121420
Jan-20								
Feb-20								
Mar-20								
CUMML	61.84	3.56	1.94	23.03	11.99	5.50	0.55	1056265

ગુણવત્તા :: બોકારો

BLEND

ફાઇન્સ

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	61.99	3.65	2.70	6.61	33.32	6.35	0.74	4170000
APP 19-20	62.30	3.31	2.73	5.00	31.88	6.05	0.83	4751000
Apr-19	61.93	3.77	2.59	6.24	32.92	6.37	0.69	438676
May-19	61.60	3.98	2.96	6.70	33.77	6.94	0.74	359616
Jun-19	61.62	3.83	3.00	6.65	34.74	6.84	0.78	387573
Jul-19	61.40	4.32	2.86	6.70	34.89	7.18	0.66	349911
Aug-19	61.63	4.27	2.63	7.08	33.45	6.90	0.62	333842
Sep-19	61.43	4.60	2.59	6.94	32.43	7.19	0.56	288741
Oct-19	61.35	4.75	2.61	6.70	32.47	7.36	0.55	347254
Nov-19	61.52	4.61	2.53	7.31	33.86	7.14	0.55	303977
Dec-19	61.38	4.52	2.85	6.47	34.18	7.38	0.63	295575
Jan-20								
Feb-20								
Mar-20								
CUMML	61.51	4.26	2.74	6.73	33.63	7.00	0.64	3105165

ગુણવત્તા:: દ્રગાંપૂર

BLEND

ફાઇન્સ

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.62	3.19	2.37	4.79	44.77	5.56	0.74	2538767
APP 19-20	62.48	2.96	2.77	5.00	32.20	5.73	0.94	2681000
Apr-19	62.01	3.07	3.10	6.63	42.39	6.17	1.01	189194
May-19	62.39	3.19	2.45	6.29	44.54	5.64	0.77	259904
Jun-19	62.24	3.52	2.53	7.02	44.93	6.05	0.72	240565
Jul-19	61.64	4.76	2.44	6.71	43.19	7.20	0.51	223860
Aug-19	61.74	4.00	2.40	7.98	40.79	6.39	0.60	220415
Sep-19	62.26	3.23	2.28	8.50	40.18	5.51	0.71	172770
Oct-19	62.54	3.87	2.19	5.46	42.28	6.06	0.57	205465
Nov-19	61.57	3.91	3.03	6.62	41.57	6.94	0.77	225940
Dec-19	61.62	3.93	2.87	7.60	42.47	6.80	0.73	214500
Jan-20								
Feb-20								
Mar-20								
CUMML	62.01	3.71	2.58	6.97	42.55	6.30	0.70	1952613

गुणवत्ता :: राउरकेला

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.84	2.99	2.60	14.29	19.37	5.59	0.87	2462000
APP 19-20	62.67	2.70	2.47	7.94	10.00	5.16	0.91	2090000
Apr-19	62.82	3.02	2.53	15.82	18.42	5.55	0.84	206741
May-19	62.80	2.61	2.99	16.81	19.24	5.61	1.15	230306
Jun-19	62.81	2.92	2.74	15.62	19.54	5.66	0.94	179032
Jul-19	62.74	3.45	2.31	18.08	17.12	5.76	0.67	215981
Aug-19	62.16	4.28	2.33	17.78	19.33	6.61	0.54	156730
Sep-19	62.07	4.73	1.98	17.17	21.56	6.71	0.42	145874
Oct-19	61.83	5.16	1.97	14.22	21.79	7.12	0.38	196038
Nov-19	62.73	2.77	2.80	8.74	17.68	5.57	1.01	235584
Dec-19	62.81	2.40	2.92	7.25	17.35	5.32	1.21	215150
Jan-20								
Feb-20								
Mar-20								
CUMML	62.63	3.16	2.67	14.77	18.86	5.83	0.84	1781436

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.97	3.14	2.04	22.50	2.50	5.18	0.65	1160000
APP 19-20	62.58	2.77	2.30	10.00	10.00	5.06	0.83	1525000
Apr-19	63.31	2.92	2.44	8.28	4.02	5.35	0.84	86829
May-19	62.96	3.67	2.26	11.43	4.99	5.94	0.62	80280
Jun-19	64.09	2.28	1.96	23.14	4.59	4.24	0.86	60360
Jul-19	63.67	3.02	1.67	23.75	5.65	4.68	0.55	101158
Aug-19	63.04	3.82	1.76	29.30	6.80	5.57	0.46	112920
Sep-19	62.53	4.59	1.76	19.42	11.42	6.35	0.38	70740
Oct-19	62.83	4.51	1.77	15.69	11.94	6.28	0.39	82200
Nov-19	61.30	5.60	2.09	21.09	7.64	7.68	0.37	91180
Dec-19	63.30	3.48	1.70	24.20	6.14	5.18	0.49	88260
Jan-20								
Feb-20								
Mar-20								
CUMML	62.95	3.83	1.93	20.05	6.98	5.75	0.50	773927

गुणवत्ता :: राउरकेला

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.19	3.21	2.62			5.83	0.82	2764000
APP 19-20	62.34	3.38	2.63	5.00	32.66	6.01	0.78	4704000
Apr-19	62.28	3.20	2.55			5.75	0.80	374287
May-19	62.24	2.92	2.86			5.77	0.98	400258
Jun-19	62.09	3.21	2.79			6.00	0.87	291317
Jul-19	61.80	4.01	2.41			6.42	0.60	296807
Aug-19	61.25	5.06	2.21			7.26	0.44	245733
Sep-19	61.40	4.86	2.16			7.02	0.45	268561
Oct-19	61.04	5.55	2.06			7.62	0.37	347406
Nov-19	62.24	3.09	2.82			5.91	0.91	356055
Dec-19	62.32	2.79	2.97			5.76	1.07	318158
Jan-20								
Feb-20								
Mar-20								
CUMML	61.89	3.78	2.56			6.34	0.68	2898582

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.28	3.76	2.84	6.57	43.68	6.60	0.76	2760000
APP 19-20	62.50	2.97	2.73	5.00	36.91	5.70	0.92	3184000
Apr-19	62.43	3.66	3.07	6.59	50.09	6.73	0.84	173135
May-19	62.92	3.70	2.44	7.87	41.98	6.14	0.66	196080
Jun-19	62.99	3.33	2.45	9.68	38.93	5.78	0.73	293700
Jul-19	63.13	3.47	2.11	6.87	41.25	5.58	0.61	273411
Aug-19	62.33	4.25	2.36	7.31	41.39	6.61	0.56	284340
Sep-19	62.64	4.20	1.96	7.92	40.06	6.16	0.47	255960
Oct-19	62.45	4.67	2.08	6.72	45.71	6.75	0.44	219240
Nov-19	61.51	5.09	2.56	6.45	46.14	7.66	0.50	257727
Dec-19	62.67	3.45	2.50	9.92	39.59	5.94	0.72	271140
Jan-20								
Feb-20								
Mar-20								
CUMML	62.56	3.98	2.37	7.79	42.41	6.35	0.59	2224733

तुलसीदामर

BF DOLOMITE

गुणवत्ता :: बोकारो इस्पात संयंत्र

कुटेश्वर

BF LIMESTONE

	CaO	MgO	SiO ₂	OS	US
Act 18-19	28.68	18.79	5.17	5.05	9.06
APP 19-20	30.00	18.00	5.00	5.00	10.00
Apr-19	26.91	17.50	5.22	4.10	7.93
May-19	25.18	17.65	4.83	4.30	8.30
Jun-19	26.74	17.60	5.94	3.93	7.25
Jul-19	26.49	18.40	5.40	4.75	7.88
Aug-19	26.47	17.99	5.96	4.68	9.05
Sep-19					
Oct-19	28.74	16.32	5.15	5.50	8.72
Nov-19	26.96	15.92	6.06	13.90	8.55
Dec-19	26.35	15.10	5.42	4.90	5.05
Jan-20					
Feb-20					
Mar-20					
CUMML	26.97	17.28	5.52	5.30	7.99

	CaO	MgO	SiO ₂	OS	US
Act 18-19	43.69	2.42	3.53	6.85	22.69
APP 19-20	50.00	2.25	3.50	5.00	5.00
Apr-19	44.23	2.17	3.39	10.16	14.07
May-19	42.58	2.81	3.42	10.98	15.28
Jun-19	43.23	3.82	3.54	9.03	18.40
Jul-19	44.14	3.93	3.61	12.77	14.68
Aug-19	44.27	3.96	3.54	10.77	16.23
Sep-19	42.69	4.61	3.45	8.45	24.66
Oct-19	43.80	4.36	3.77	10.77	17.73
Nov-19	41.90	4.38	3.57	10.07	18.26
Dec-19	41.31	4.50	3.85	10.36	17.07
Jan-20					
Feb-20					
Mar-20					
CUMML	43.15	3.88	3.57	10.44	17.48

तुलसीदामर

BF DOLOMITE

गुणवत्ता :: भिलाई इस्पात संयंत्र

कुटेश्वर

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 18-19	28.53	17.64	8.24	33.8	9.24
APP 19-20	30.00	18.00	5.00	5.00	10.00
Apr-19	28.84	18.19	7.38	20.84	10.39
May-19	28.46	17.85	8.02	26.50	13.50
Jun-19	42.69	4.61	3.45	8.45	24.66
Jul-19	28.76	18.35	7.30	27.03	9.87
Aug-19	27.63	18.59	7.19	22.40	23.70
Sep-19					
Oct-19	27.92	17.89	7.65	35.30	15.55
Nov-19					
Dec-19	29.05	18.36	7.03	31.40	4.30
Jan-20					
Feb-20					
Mar-20					
CUMML	28.25	18.28	7.47	29.02	12.76

	CaO	MgO	SiO ₂	OS	US
Act 18-19	49.83	2.26	3.9	9.19	18.3
APP 19-20	50.00	2.25	3.50	5.00	5.00
Apr-19	50.13	2.04	3.84	8.10	16.00
May-19	49.09	2.51	4.18	8.66	15.94
Jun-19	50.37	1.95	3.68	8.93	12.33
Jul-19	50.40	1.85	3.79	8.80	23.00
Aug-19	50.40	1.85	3.79	8.80	23.00
Sep-19	49.81	2.27	3.78	9.40	20.40
Oct-19	49.28	2.61	3.96	9.90	19.50
Nov-19	49.36	2.43	4.07	10.40	18.10
Dec-19	49.33	2.20	4.32	9.53	20.78
Jan-20					
Feb-20					
Mar-20					
CUMML	49.76	2.23	3.91	9.10	18.49

KIRIBURU IRON ORE MINES

Equipment Performance Report



SAIL-RMD

Some of the HEMMs are currently in fleet but not in operation, Such as Excavator [BE-18], Drill [DM-19], Dozer[DOZ-29], Motor Grader[MG-7] , Water Sprinkler[WT-83]

MEGHAHATUBURU IRON ORE MINES

Equipment Performance Report

SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Dec'19	MAKE / TYPE	CAPACITY	DATE OF COMM	December-19										2019-2020										
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	F/RA TE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	F/RATE	HSD/ HR	
EXCAVATORS 4.5 CUM. [1]																										
BE-11	36959	37368	BEML	4.5 CUM	30-09-2005	744	154	528	591	63	79.4	10.7	8.5	0.6	23	6600	5103	1089	1498	409	22.7	27.3	6.2	0.3	25	
EXCAVATORS 9.5 CUM. [3]																										
PC-14	31444	34518	KOMATSU	9.5 CUM	20-01-2012	744	255	237	490	253	65.8	51.7	34.0	14.6	84	6600	1320	2206	5280	3074	80.0	58.2	46.6	7.4	86	
PC-17	16137	19200	KOMATSU	9.5 CUM	24-07-2015	744	229	231	516	285	69.3	55.3	38.3	15.5	82	6600	1527	2011	5074	3063	76.9	60.4	46.4	7.6	86	
PC-18	29267	31583	KOMATSU	9.5 CUM	11-07-2016	744	282	204	463	259	62.2	56.0	34.8	16.4	82	6600	1864	2421	4737	2316	71.8	48.9	35.1	7.9	86	
						TOTAL	2232	765	671	1468	797	65.7	54.3	35.7	15.5	83	19800	4710	6637	15090	8453	76.2	56.0	42.7	7.6	86
DUMPER,50 TE [2]																										
D - 49	28071	28177.5	BEML	50 TON	05-03-2007	744	744								-	-	6600	5861	633	739	107	11.2	14.4	1.6	0.6	23
D - 50	23971	23971	BEML	50 TON	15-04-2007	744	744								-	-	6600	6600							-	-
						TOTAL	1488	1488							-	-	13200	12461	633	739	107	5.6	14.4	0.8	0.6	23
DUMPER,100 TE [7]																										
D - 51	29346	32420	KOMATSU	100 TON	01-09-2010	744	233	200	511	311	68.7	60.9	41.8	4.8	33	6600	1855	1672	4746	3074	71.9	64.8	46.6	4.0	37	
D - 52	30670	33387	KOMATSU	100 TON	01-09-2010	744	149	252	595	343	80.0	57.6	46.1	4.8	34	6600	2235	1648	4365	2717	66.1	62.2	41.2	4.1	38	
D - 53	29377	32538	KOMATSU	100 TON	01-09-2010	744	372	160	372	212	50.0	57.0	28.5	4.6	34	6600	1773	1667	4828	3161	73.1	65.5	47.9	3.9	38	
D - 54	15343	16012	CATER	100 TON	06-02-2012	744	106	495	638	143	85.8	22.4	19.2	5.8	42	6600	3880	2052	2721	669	41.2	24.6	10.1	4.1	42	
D - 55	17913	19411	CATER	100 TON	06-02-2012	744	119	430	626	196	84.1	31.3	26.3	4.1	40	6600	1204	3899	5397	1498	81.8	27.8	22.7	3.8	43	
D - 56	7648	9816	BEML	100 TON	09-05-2016	744	584	125	160	35	21.5	21.9	4.7	5.3	29	6600	2146	2286	4454	2168	67.5	48.7	32.8	3.8	42	
D - 57	7846	9497	BEML	100 TON	09-05-2016	744	458	213	286	73	38.4	25.5	9.8	4.2	31	6600	1955	2995	4646	1651	70.4	35.5	25.0	3.6	43	
						TOTAL	5208	2021	1875	3188	1313	61.2	41.2	25.2	4.7	35	46200	15046	16217	31155	14938	67.4	47.9	32.3	3.9	40
DRILL [4]																										
DM - 7	24127	24961	IR	6" DIA	01-04-2005	372	87	149	285	137	76.6	47.9	36.7	4.4	33	3300	1538	928	1762	835	53.4	47.4	25.3	4.5	33	
DM - 8	21406	23104	IR	6" DIA	05-05-2008	372	69	108	303	195	81.5	64.4	52.4	10.0	34	3300	765	837	2535	1698	76.8	67.0	51.5	9.3	34	
DM - 9	19933	21506	IR	6" DIA	16-09-2009	372	115	139	258	119	69.2	46.0	31.9	9.9	34	3300	879	848	2421	1573	73.4	65.0	47.7	10.9	34	
DM - 10	12394	14237	IR	6" DIA	06-11-2014	372	60	96	313	217	84.0	69.3	58.2	8.7	36	3300	728	730	2572	1843	77.9	71.6	55.8	10.7	34	
						TOTAL	1488	330	492	1158	667	77.8	57.6	44.8	8.4	34	13200	3910	3342	9290	5948	70.4	64.0	45.1	9.5	34
DOZER [7]																										
DOZ-23	21979	22333	BEML	410 HP	02-10-2008	720	290	315	430	115	59.7	26.7	16.0		33	6576	4808	1415	1768	354	26.9	20.0	5.4		33	
DOZ-24	18151	19473	BEML	410 HP	06-04-2010	720	346	252	374	123	51.9	32.8	17.0		32	6576	2327	2927	4249	1323	64.6	31.1	20.1		33	
DOZ-25	8260	8936	BEML	410 HP	28-12-2010	720	272	424	448	24	62.2	5.4	3.3		33	6576	2660	3241	3917	676	59.6	17.3	10.3		34	
DOZ-26	16680	17161	BEML	410 HP	16-05-2011	720	503	187	217	31	30.1	14.1	4.2		33	6576	4400	1695	2176	482	33.1	22.1	7.3		35	
DOZ-27	9666	10134	BEML	410 HP	28-04-2015	720	631	67	89	22	12.4	24.7	3.1		32	6576	3118	2991	3459	468	52.6	13.5	7.1		34	
DOZ-28	3029	4449	BEML	410HP	31-03-2018	720	209	229	512	283	71.0	55.3	39.3		32	6576	1440	3716	5137	1421	78.1	27.7	21.6		33	
DOZ-29	519	2749	BEML	410HP	19-12-2018	720	215	249	506	257	70.2	50.7	35.6		34	6576	1548	2799	5029	2230	76.5	44.3	33.9		33	
						TOTAL	5040	2251	1936	2790	854	55.3	30.6	16.9		33	46032	20299	18782	25733	6951	55.9	27.0	15.1		34
PAY LOADER [1]																										
PL - 03	3985		HYUNDAI	3.7 CU.M	18-09-2012	720	720								-	-	6576	4634	1346	1942	596	29.5	9.1	30.7		
BACK HOE [3]																										
BE-12A	22015	23347	BEML	1.2 CUM	Nov'08	720	337	244	384	140	53.3	36.5	19.4		23	6576	3283	1961	3293	1333	50.1	40.5	20.3		23	
HT-15	18637	20817	TCECL	1.5 CUM	03-10-2012	720	328	221	392	171	54.4	43.6	23.8		22	6576	2305	2091	4272	2181	65.0	51.0	33.2		24	
HT-16	12349	13863	TCECL	1.5 CUM	01-12-2014	720	227	157	494	337	68.5	68.3	46.8		23	6576	3831	1231	2745	1514	41.7	55.2	23.0		24	
						TOTAL	2160	891	621	1269	648	58.8	51.1	30.0		23	19728	9419	5283	10310	5027	52.3	48.8	25.5		24
WATER TANKER [3]																										
WT - 05	18960	20074	BEML	28 KL	15.02.07	720	245	272	476	204	66.0	42.8	28.3		22	6576	1979	3484	4598	1114	69.9	24.2	16.9	0.5	22	
WT - 06	11002	11737	BEML	28 KL	17-08-2012	720	720							-	-	6576	3156	2686	3421	735	52.0	21.5	11.2	0.5	23	
WT - 45	31622																									

BOLANI ORE MINES

Equipment Performance Report

SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Dec-19	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	December-19									2019-2020																
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR						
EXCAVATORS [6]																															
EX-25	33609	33617	BEML PC-1000(D)	4.5 CuM	21-Jun-04	Survey off on 1st July-23									2184	2176		8	8	0.37	100.00	0.37									
EX-26	31002	31528	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744	137	569	607	39	81.6	6.3	5.2	5.92	41.6	6600	944	5131	5657	526	85.70	9.29	7.96	1.77	37.88						
						SUB TOTAL	744	137	569	607	39	81.6	6.3	5.2	5.92	41.6	8784	3120	5131	5665	534	64.49	9.42	6.07	1.74	37.32					
EX-28	15660	15875	BE-1600	7.5 Cu.m	22-Jun-10	744	720	14	24	10	3.2	41.7	1.3	1.50		6600	5081	1303	1519	216	23.02	14.20	3.27	1.30	54.39						
EX-29	25506	27764	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	15	554	730	175	98.1	24.0	23.5	4.34	75.7	6600	840	3501	5760	2258	87.27	39.21	34.22	4.73	78.69						
EX-30	15028	17903	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	40	305	704	400	94.7	56.7	53.7	6.56	78.8	6600	462	3262	6138	2876	93.00	46.85	43.57	5.24	75.93						
EX-31	13363	16052	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	42	420	703	282	94.4	40.2	37.9	5.65	70.1	6600	444	3468	6156	2688	93.28	43.67	40.73	5.41	76.68						
						SUB TOTAL	2976	816	1293	2160	867	72.6	40.1	29.1	5.76	74.4	26400	6827	11535	19573	8038	74.14	41.07	30.45	5.05	76.38					
DUMPER,50 TE [2]						TOTAL	3720	953	1862	2767	905	74.4	32.7	24.3	5.76	73.0	35184	9947	16666	25237	8572	71.73	33.96	24.36	4.84	73.95					
HP-30	17659	17659	C.I.773D(I)	50 T	01-Mar-06	744	744								-	-	6600	6544	56	56	0.85										
HP-32	23497	23993	BEML BH-50M	50 T	06-Mar-08	744		702	744	43	100.0	5.7	5.7		14.1	6600	1626	4478	4975	497	75.37	9.98	7.52	0.89	16.22						
						TOTAL	1488	744	702	744	43	50.0	5.7	2.9		14.1	13200	8170	4534	5031	497	38.11	9.87	3.76	0.89	16.22					
DUMPER,100 TE [8]						HP-32A	29825	30890	KOMATSU HD785-7	100 T	22-Jun-10	744	744				-	-	6600	4912	624	1688	1064	25.58	63.04	16.12	3.58	35.77			
						HP-34	26579	27894	KOMATSU HD785-7	100 T	22-Jun-10	744	113	266	631	365	84.9	57.9	49.1	3.52	40.8	6600	4323	963	2277	1314	34.51	57.72	19.92	3.49	36.25
						HP-35	15842	16806	BEML BH-100	100 T	22-Jun-10	744	233	411	511	101	68.7	19.7	13.5	3.66	38.0	6600	2309	3327	4291	964	65.02	22.48	14.61	2.35	25.70
						HP-36	11757	12163	BEML BH-100	100 T	22-Jun-10	744	389	333	355	22	47.7	6.1	2.9	1.98	51.5	6600	3635	2559	2965	406	44.92	13.68	6.14	1.28	17.59
						HP-37	19607	22112	CAT 777D	100 T	25-Jan-12	744	290	240	454	214	61.0	47.1	28.7	3.72	39.3	6600	1521	2574	5079	2505	76.95	49.32	37.95	3.46	32.81
						HP-38	8907	11667	BEML BH-100S	100 T	03-May-16	744	385	238	359	121	48.2	33.6	16.2	3.91	44.3	6600	1011	2828	5589	2761	84.68	49.40	41.83	3.35	34.01
						HP-39	8614	10669	BEML BH-100S	100 T	03-May-16	744	22	348	722	374	97.0	51.8	50.3	3.66	41.6	6600	2327	2218	4273	2055	64.75	48.09	31.14	3.54	34.54
						HP-40	9440	10354	BEML BH-100S	100 T	03-May-16	744	613	83	131	49	17.6	37.1	6.6	3.51	55.8	6600	4680	1006	1920	914	29.09	47.60	13.85	3.10	39.46
						TOTAL	5952	2789	1919	3163	1245	53.1	39.4	20.9	3.62	41.6	52800	24718	16099	28082	11983	53.19	42.67	22.70	3.27	33.44					
DRILL [4]						DM-11	17159	18120	AC-ROTACOL-IDM-30	160mm	14-Feb-08	496	127	236	369	133	74.4	36.1	26.8	8.60	42.5	4400	1626	1812	2774	962	63.04	34.67	21.86	11.50	36.59
						DM-12	17912	18806	AC-ROTACOL-IDM-30	160mm	12-Aug-09	496	87	325	409	84	82.5	20.6	17.0	13.39	22.4	4400	1253	2254	3148	894	71.53	28.39	20.31	13.94	31.94
						DM-12A	16453	17282	AC-ROTACOL-IDM-30	160mm	22-Mar-11	496	137	202	359	158	72.4	43.8	31.8	8.20	35.2	4400	999	2572	3401	829	77.29	24.37	18.84	11.68	34.80
						DM-14	9768	11486	AC-ROTACOL-IDM-30	160mm	19-Nov-14	496	163	165	333	168	67.2	50.4	33.9	9.81	34.8	4400	679	2003	3721	1718	84.57	46.18	39.05	14.03	36.46
						TOTAL	1984	513	928	1471	543	74.1	36.9	27.4	9.60	34.9	17600	4557	8641	13043	4403	74.11	33.75	25.01	13.02	35.26					
DOZER [8]								DOZ-22	16080	16088	BEML BD355	410 HP	06-Jul-07	496	496					-	-	4400	4384	8	16	8	0.4	50.0	0.2		
						DOZ-23	12013	12559	BEML BD355	410 HP	27-Aug-08	496	97	294	399	105	80.4	26.3	21.2		44.8	4400	2525	1329	1875	546	42.6	29.1	12.4		32.5
						DOZ-24	13560	13690	BEML BD355	410 HP	09-Mar-10	496	472	24	24		4.8			-	-	4448	3822	496	626	130	14.1	20.8	2.9		26.1
						DOZ-25	11535	12385	BEML BD355	410 HP	09-Mar-10	672	36	535	636	101	94.6	15.9	15.0		60.0	5224	1552	2822	3672	850	70.3	23.2	16.3		47.6
						DOZ-26	7962	8678	BEML BD355	410 HP	03-May-14	496	472	16	24	8	4.8	33.3	1.6		15.0	4552	2533	1302	2019	717	44.3	35.5	15.7		33.9
						DOZ-27	6542	7411	BEML BD355	410 HP	03-May-14	512	174	210	338	128	66.0	37.8	24.9		36.7	5560	1282	3409	4278	869	76.9	20.3	15.6		48.7
						DOZ-28	6479	7484	BEML BD355	410 HP	26-Apr-16	744	54	597	690	93	92.7	13.5	12.5		51.1	6432	1155	4272	5277	1005	82.0	19.0	15.6		41.9
						DOZ-29	1746	1746	BEML BD355	410 HP	15-Apr-19	496	34	204	462	258	93.1	55.9	52.1		30.5	4416	249	2421	4167	1746	94.4	41.9	39.5		33.9
						TOTAL	4408	1835	1879	2573	693	58.4	27.0	15.7			41.1	39432	17502	16058	21930	5872	55.6	26.8	14.9		39.1				
PAY LOADER [3]						PL-20	14405	14898	Kawasaki, 90Ziv-2	256 HP	26-Aug-09	744	469	148	275	127	37.0	46.3	17.1		20.1	6600	4320	1787	2280	493	34.55	21.64	7.47		22.73
						PL-22	10573	10573	Hyundai-H770-7A	280 HP	26-May-10	744	744						-	-	6600	6600									
						PL-23	9742	12388	Kawasaki, 90ZV	257 HP	07-Oct-15	744	31	380	713	333	95.8	46.7	44.8		24.3	6600	168	3785	6432	2647	97.45	41.15	40.10		24.00
						TOTAL	2232	1244	528	988	460	44.3	46.6	20.6			23.6	19800	11088	5572	8712	3140	44.00	36.04	15.86		23.86				
MOTOR GRADER [2]						MG-6	9102	9102	BEML BG 825	280 HP	04-Aug-08	496	496						-	-	4400	4351	49	49	1.11						
</td																															

BARSUA IRON MINES

Equipment Performance Report



SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Dec'19	MAKE / TYPE	CAP	DATE OF COMMISSION	December-19										2019-2020											
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD /HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR		
EXCAVATORS [6]																											
EX-20	25868	26566	BEML,BE-1000	4.5 CuM	Mar-04	624	95	415	529	114	84.78	21.55	18	5.71	47.1	5016	708	3610	4308	698	85.9	16.2	13.9	5.46	45.9		
EX-22	19566	20610	BEML,BE-1000	4.5 CuM	22-Dec-08	624	106	377	518	141	83.01	27.22	23	6.48	47.6	5016	897	3075	4119	1044	82.1	25.3	20.8	6.89	52.3		
EX-23	15937	15940	BEML, BE-1000	4.5CuM	18-Feb-10	624	624							-	-	5056	4621	432	435	3	8.6	0.7	0.1		350.0		
EX-27	2175	3901	BEML, BE-1000-1	4.5 CuM	19-Dec-17	624	146	293	478	185	76.60	38.70	30	7.18	70.4	5016	649	2641	4367	1726	87.1	39.5	34.4	7.16	63.6		
						TOTAL	2496	971	1085	1525	440	61.10	28.85	17.63	6.57	57.0	20104	6875	9758	13229	3471	65.8	26.2	17.3	6.73	56.9	
EX-21	18158	18158	TELCON,1200V-1018	5.9 CuM	28-May-07	624	624							-	-	5016	5016										
EX-24	12701	13776	BEML, BE-1600	7.5CuM	04-Aug-11	624	180	287	444	157	71.15	35.36	25	7.56	81.2	4992	2038	1879	2954	1075	59.2	36.4	21.5	6.86	72.1		
						TOTAL	1248	804	287	444	157	35.58	35.36	12.58	7.56	81.2	10008	7054	1879	2954	1075	29.5	36.4	10.7	20.42	72.1	
DUMPER,50 TE [5]																											
HPD-87	27301	27301	BEML,210M	50T	1-Apr-2000									-	-												
HPD-90	16619	17401	BEML,210M	50T	1-Apr-05	624	41	467	583	116	93.43	19.90	18.59	3.27	32.3	5056	1366	2908	3690	782	73.0	21.2	15.5	2.96	32.9		
BH-93	24313	24399	BH-50 M	50T	1-Feb-08																						
BH-94	22423	23389	BH-50 M	50T	22-Dec-08	624	31	546	593	47	95.03	7.93	7.53	3.21	39.8	5016	760	3290	4256	966	84.8	22.7	19.3	2.88	30.9		
BH-95	30907	31299	BH-50 M	50T	6-Feb-09	624	52	500	572	72	91.67	12.59	11.54	2.82	35.6	4992	2795	1805	2197	392	44.0	17.8	7.9	2.74	30.7		
BH-96	26092	26567	BH-50 M	50T	20-Aug-09	624	580	39	44	5	7.05	11.36	0.80	2.40	35.4	4992	3004	1513	1988	475	39.8	23.9	9.5	2.80	28.1		
BH-99	23409	23655	BH-50 M	50T	20-Feb-14	416	26	382	390	8	93.75	2.05	1.92			5152	200	4706	4952	246	96.1	5.0	4.8		22.9		
						TOTAL	2912	730	1934	2182	248	74.93	11.37	8.52	3.00	33.7	28352	9637	15768	18715	2947	66.0	15.7	10.4	2.68	30.7	
DUMPER,60 TE [3]																											
HPD-101	4393	6742	BEML,BH-60	60 T	16-Nov-17	624	176	175	448	273	71.79	60.94	43.75	2.65	35.9	4992	1249	1394	3743	2349	75.0	62.8	47.1	2.64	35.6		
HPD-102	4119	6932	BEML,BH-60	60 T	23-Nov-17	624	47	183	577	394	92.47	68.28	63.14	2.81	37.0	5016	777	1426	4239	2813	84.5	66.4	56.1	2.60	37.0		
HPD-103		2893	BEML,BH-60	60 T	08-May-19	624	55	162	569	407	91.19	71.53	65.22	2.87	33.0	4896	605	1398	4291	2893	87.6	67.4	59.1	2.61	33.4		
						TOTAL	1872	278	520	1594	1074	85.1	67.4	57.4	1.70	35.2	14904	2631	4218	12273	8055	82.3	65.6	54.0	1.68	35.3	
DUMPER,100 TE [2]																											
BH-97	10065	10132	BEML,BH-100	100 T	4-Aug-11	624	624							-	-	4992	4198	727	794	67	15.9	8.4	1.3	3.88	56.1		
BH-98	8133	8742	BEML,BH-100	100 T	04-Aug-11	624	70	440	554	114	88.78	20.58	18.27	2.51	56.0	4992	376	4007	4616	609	92.5	13.2	12.2	2.95	51.9		
						TOTAL	1248	694	440	554	114	44.39	20.58	9.13	2.51	56.0	9984	4574	4734	5410	676	54.2	12.5	6.8	3.05	52.3	
DRILL [3]																											
DM-7	23658	23690	AC - IDM-30	160mm	29-Jan-98	416	416							-	-	3328	2907	389	421	32	12.7	7.6	1.0	69.06	40.6		
DM-9	9778	10179	AC - IDM-30	160mm	30-Sep-09	416	57	271	359	88	86.30	24.51	21.15	19.66	32.5	3328	614	2313	2714	401	81.6	14.8	12.0	18.95	38.6		
DM-10	5013	5688	AC - IDM-30	160mm	14-Jan-15	416	22	316	394	78	94.71	19.80	18.75	16.79	43.6	3328	360	2293	2968	675	89.2	22.7	20.3	16.75	38.4		
						TOTAL	1248	495	587	753	166	60.34	22.05	13.30	18.31	37.7	9984	3881	4995	6103	1108	61.1	18.2	11.1	19.06	38.5	
DOZER [6]																											
TR-36 (B/V)	14105	14105	BEML,D-155A	320 HP	23-Apr-05	624	624							-	-	5712	5688	24	24		0.4						
TR-37	14937	16001	BEML,D-155A	320 HP	22-Jun-07	624	615	8	9	1	1.44	11.11	0.16			300.0	5736	1928	2744	3808	1064	66.4	27.9	18.5		38.4	
TR-38	15963	16510	BEML, D-355	410 HP	16-Feb-10	624	335	262	289	27	46.31	9.34	4.33			35.2	4992	972	3473	4020	547	80.5	13.6	11.0		30.2	
TR-39	10311	10515	BEML, D-355	410 HP	10-Apr-12	624	88	478	536	58	85.90	10.82	9.29			32.4	4992	2828	1960	2164	204	43.3	9.4	4.1		35.4	
TR-40	5567	6086	BEML, D-355	410 HP	6-Jun-14	624	25	525	599	74	95.99	12.35	11.86			35.4	4992	1059	3414	3933	519	78.8	13.2	10.4		41.5	
TR-9(K)		318	BEML, D-155	320 HP			624	39	456	585	129	93.75	22.05	20.67			39.3	1800	92	1390	1708	318	94.9	18.6	17.7		34.1
						TOTAL	3120	1687	1273	1433	160	45.93	11.17	5.13			35.9	28224	12567	13005	15657	2652	55.5	16.9	9.4		36.6
PAY LOADER [2]																											
FEL-6	9566	10124	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	312	51	223	261	38	83.65	14.56	12.18			21.8	2856	356	1942	2500	558	87.5	22.3	19.5		19.4	
FEL-7	5982	6405	HYUNDAI	280 HP	27-Aug-11	312	216	89	96	7	30.77	7.29	2.24			45.4	2528	578	1527	1950	423	77.1	21.7	16.7		20.3	
						TOTAL	624	267	312	357	45	57.21	12.61	7.21			25.5	5384	934	3469	4450	981	82.7	22.0	18.2		19.8
MOTOR GRADER [1]																											
MG-6	7237	7676	BEML bt 825	280HP	1																						

EQUIPMENTS	UTILIS. UPTO Mar'19	UTILIS. UPTO Dec-19	MAKE / TYPE	CAPACITY	DATE OF COMMISSION	December-19										2019-2020										
						SCH. HRS.	DOW. N HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT	FEED RATE	HSD /HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT	FEED RATE	HSD /HR	
EXCAVATORS[4]																										
D-12A	18064	18064	BE 1000(D)	4.5 CuM	27-Apr-08	688	688								-	-	6544	6544								
D-12	10821	11566	BE 1600	7.5 CuM	16-Feb-11	688	688								-	-	6544	4760	1039	1784	745	27.3	41.8	11.4	3.9	57.7
D-14	25243	28625	KOMATSU	9.5 CuM	06-Apr-12	688	45	409	643	234	93.5	36.4	34.0	4.6	98.7	6544	1060	2102	5484	3382	83.8	61.7	51.7	5.4	91.1	
D-15	19415	21658	KOMATSU	9.5 CuM	31-Aug-15	688	66	384	622	238	90.4	38.3	34.6	3.7	71.8	6544	2584	1717	3960	2243	60.5	56.6	34.3	4.2	74.9	
D-16		888	LIEBHERR	9.5 CuM	30-Sep-19	688	123	209	565	356	82.1	63.0	51.7	3.9	80.6	2152	357	907	1795	888	83.4	49.5	41.3	4.2	78.5	
						TOTAL	2752	922	1002	1830	828	66.5	45.2	30.1	4.0	83.2	21784	8761	5765	13023	7258	59.8	55.7	33.3	4.7	81.1
DUMPER,50 TE[3]																										
R/D-85	18557	18561	BEML-BH-50M	50 Te	Mar- 08	688	688								-	-	6544	6525	15	19	4	0.3	21.1	0.1		50.0
R/D-86	20058	20060	BEML-BH-50M	50Te	Sep-08	688	688								-	-	6544	6525	17	19	2	0.3	10.5	0.0		166.5
R/D-87	17443	17443	BEML-BH-50M	50Te	Dec-08	688	688								-	-	6544	6544								
						TOTAL	2064	2064									19632	19594	32	38	6	0.2	15.8	0.0		88.8
DUMPER,100 TE[6]																										
R/D-88	23684	23773	KOMAT.HD785-7	100 T	10-Sep-10	688	543	66	145	79	21.1	54.5	11.5	2.8	41.8	6544	6380	75	164	89	2.5	54.3	1.4	2.6	46.6	
R/D-89	28005	31741	KOMAT.HD785-7	100 T	10-Sep-10	688	101	122	587	465	85.3	79.2	67.6	2.6	45.6	6544	2058	750	4486	3736	68.6	83.3	57.1	2.4	51.2	
R/D-90	18166	21547	CAT 777D	100 T	25-Jan-12	688	104	216	584	368	84.9	63.0	53.5	2.6	46.5	6544	2085	1078	4459	3381	68.1	75.8	51.7	2.6	49.5	
R/D-91	15754	18028	CAT 777D	100 T	25-Jan-12	688	120	218	568	350	82.6	61.6	50.9	2.9	44.1	6544	3460	810	3084	2274	47.1	73.7	34.7	2.4	52.0	
R/D-92	11283	12826	BEMIL- BH 100	100 T	27-May-15	688	688								-	-	6544	4302	699	2242	1543	34.3	68.8	23.6	3.2	58.3
R/D-93	10157	12298	BEMIL - BH 100	100 T	10-Jun-15	688	688								-	-	6544	3671	732	2873	2141	43.9	74.5	32.7	2.7	57.9
						TOTAL	4128	2244	622	1884	1262	45.6	67.0	30.6	2.7	45.2	39264	21956	4144	17308	13164	44.1	76.1	33.5	2.6	52.8
DRILL[4]																										
DM-10	16316	17640	IR-ROTACOL-IDM-30	160mm	Feb- 04	480	94	126	386	260	80.4	67.4	54.2	10.1	26.2	4384	1912	1148	2472	1324	56.4	53.6	30.2	16.4	34.2	
DM-12A	8475	9038	AC-ROTACOL-IDM-30	160mm	Sep-08	480	81	128	399	271	83.1	67.9	56.5	9.7	29.9	4384	3282	539	1102	563	25.1	51.1	12.8	9.3	35.7	
DM-14	14244	14805	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	480	480								-	-	4384	2978	845	1406	561	32.1	39.9	12.8	17.0	43.1
DM-15	6836	7313	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	480	480								-	-	4384	3480	427	904	477	20.6	52.8	10.9	17.9	38.6
						TOTAL	1920	1135	254	785	531	40.9	67.6	27.7	9.9	28.1	17536	11652	2959	5884	2925	33.6	49.7	16.7	15.4	36.9
DOZER[6]																										
DOZ-21	17420	17420	BEML D-355	410 HP	May- 03	688	680	8	8		1.2			-	-	5320	5312	8	8		0.2					
DOZ-22	16129	18732	BEML D-355	410 HP	Feb-04	688	453	158	235	77	34.2	32.8	11.2		30.3	5320	1841	876	3479	2603	65.4	74.8	48.9		29.8	
DOZ-23	15463	16522	BEML D-355	410 HP	May-08	688	203	350	485	135	70.5	27.8	19.6		27.3	5320	3330	931	1990	1059	37.4	53.2	19.9		28.0	
DOZ-24	13701	14251	BEML D-355	410 HP	Sep-08	688	688								-	-	5470	4298	622	1172	550	21.4	46.9	10.1		31.9
DOZ-25	8831	10575	BEML D-355	410 HP	25-Apr-14	688	392	75	296	221	43.0	74.7	32.1		30.6	5080	1543	1793	3537	1744	69.6	49.3	34.3		29.3	
DOZ-26	8631	10583	BEML D-355	410 HP	08-Sept-17	688	142	399	546	147	79.4	26.9	21.4		38.1	5080	1063	2065	4017	1952	79.1	48.6	38.4		32.2	
						TOTAL	4128	2558	990	1570	580	38.0	36.9	14.1		31590	17387	6295	14203	7908	45.0	55.7	25.0		30.2	
PAY LOADER[2]																										
PL-7	12758	12770	L&T KOMAT. WA-470	260 HP	21-Jan-09	688	688								-	-	6544	6487	45	57	12	0.9	21.1	0.2		16.7
PL-8	4769	5007	Hyundai-H1770-7A	280 HP	01-Jun-10	688	688								-	-	6544	5992	314	552	238	8.4	43.1	3.6		13.6
						TOTAL	1376	1376									13088	12479	359	609	250	4.7	41.1	1.9		13.8
Back Hoe [2]																										
BACK HOE-02	7965	8524	BEMLBE-300LC	1.2 CU.M	May-09	688	150	158	538	380	78.2	70.6	55.2		14.4	6544	5127	858	1417	559	21.7	39.4	8.5		14.1	
BACK HOE-03	4384	6519	BEMLBE-300LC	1.25 CU.M	25-Sep-13	688	688								-	-	6544	3668	742	2876	2135	43.9	74.2	32.6		14.5
						TOTAL	1376	838	158	538	380	39.1	70.6	27.6		14.4	13088	8795	1600	4293	2694	32.8	62.7	20.6		14.4
Water Sprinkler [2]																										
WT-5	15126	15675	WS-28	28 KL	May-05	480	169	275	311	36	64.8	11.6	7.5		20.8	4872	2346	1977	2526	549	51.8	21.7	11.3		15.3	
WT-6	5923	6353	BEML,WS 28-2	28 KL	Jan-09	480	95	304	385	81	80.2	21.0	16.9		18.0	4872	1621	2821	3251	430	66.7	13.2	8.8		14.1	
						TOTAL	960	264	579	696	117	72.5	16.8	12.2		18.9	9744	3967	4798	5777	979	59.3	16.9	10.0		14.8
Motor Grader [2]																										
MG-6	4050	4160	BG 605	280HP	May-08	480	143	289	337	48	70.2	14.2	10.0		5.0	4384	3635	639	749	110	17.1	14.7	2.5		19.1	
MG-7	700	1698	BG 825		10-May-14	480	72	317	408	91	85.0	22.3	19.0		18.7	4384	1165	2221	3219	998	73.4	31.0	22.8		15.4	
						TOTAL	960	215	606	745	139	77.6	18.7	14.5		14.0	87									

EQUIPMENT AVAILABILITY & UTILISATION
Dec-19

		KIRIBURU								MEGHAHATUBURU								BOLANI								BARSUA								UNIT IN %	
		NORM		MTH		2019-20		MTH		2019-20		MTH		2019-20		MTH		2019-20		MTH		2019-20		MTH		CUM									
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	AV	UT	AV	UT						
DRILL	150 mm	70	70	51	31	48	35	78	58	70	64	74	37	74	34	60	22	61	18	41	68	34	50												
SHOVEL	HYD(D) ≤4.5 m ³	70	75					79	11	23	27	82	6	64	9	61	29	66	26																
	HYD(D) >4.5 m ³	85	80	97	52	93	53	66	54	76	56	73	40	74	41	36	35	30	36	66	45	60	56												
DUMPER	85/ 60 tn	65	75			16	24											85	67	82	66														
	50 tn	70	80							6	14	50	6	38	10	75	11	66	16					0	16										
	100 tn	85	80	75	38	74	39	61	41	67	48	53	39	53	43	44	21	54	12	46	67	44	76												
DOZER		70	70	59	30	53	33	55	31	56	27	58	27	56	27	46	11	55	17	38	37	45	56												
CRUSHING PLANT		85	85					98	62	91	71	87	62	89	53																				
SCREENING PLANT		85	85					84	58	86	68	94	67	89	70																				
OHP		85	85	85	75	85	76	95	60	91	71					97	51	96	46	92	89	93	87												

Consumption of Key Consumables in 2019-20
Kiriburu

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.12	0.45	4.2	25
2015-16	2021760	758860	2780620	585470	31933017	107099	3648780	178245	2088990	201910	0.10	0.47	5.40	17.95
2016-17	2177112	702490	2879602	573840	31702875	101640	3891780	242370	2663910	0	0.08	0.44	4.66	15.36
2017-18	2109898	573577	2683475	515422	30594993	92150	3979790	215830	1568970	863256	0.08	0.46	5.31	15.84
2018-19	1956167	446003	2402170	413826	31857068	83816	3650940	234000	1002060	349644	0.08	0.50	6.52	17.47
2019-20	1288732	201258	1489990	297185	22145584	69215	2716170	171210	1024470	49192	0.08	0.39	5.66	18.23
Apr-19	153128	23205	176333	31340	2212440	1050	264510	40050	144360	28000	0.07	0.41	4.93	2.47
May-19	131458	26608	158066	29170	2272880	3780	260010	45000	187560	21192	0.06	0.34	4.61	8.14
Jun-19	103267	57595	160862	34315	2151160	10920	330630	30000	157950	0	0.07	0.32	4.15	22.01
Jul-19	165754	20280	186034	28627	2272560	8190	349740	10080	102600	0	0.06	0.41	4.91	18.01
Aug-19	156428	13830	170258	24642	2099264	6300	297990	22500	90360	0	0.06	0.43	5.11	15.99
Sep-19	119882	25150	145032	29835	2570178	5460	274230	23580	72360	0	0.08	0.41	6.94	15.49
Oct-19	156898	15480	172378	26821	2931826	9660	337680	0	65610	0	0.07	0.43	7.27	23.95
Nov-19	152386	5987	158373	22585	2831448	7980	299520	0	77580	0	0.06	0.42	7.51	21.16
Dec-19	149531	13123	162654	69850	2803828	15875	301860	0	126090	0	0.16	0.38	6.55	37.10

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	1934461	116840	2051301	435898	13129004	96707	2839900	23000	2415800	172020	0.08	0.39	2.49	18.23
Apr-19	241434	14290	255724	49387	1198200	8918	330210	0	250800	0	0.09	0.44	2.06	15.35
May-19	240387	6290	246677	49607	1276800	10061	348300	0	251780	0	0.08	0.41	2.13	16.77
Jun-19	205620	19380	225000	45980	1186800	9912	335430	0	275670	0	0.08	0.37	1.94	16.22
Jul-19	192490	26410	218900	40903	1481280	11662	317610	0	271350	7521	0.07	0.37	2.52	19.74
Aug-19	220320	8680	229000	52975	1757760	10822	343100	7000	216090	12725	0.09	0.41	3.10	19.18
Sep-19	200780	20220	221000	52881	1746720	13874	293330	16000	274410	20180	0.09	0.38	2.99	24.05
Oct-19	211370	14630	226000	42379	1469400	13818	327510	0	269910	37952	0.07	0.37	2.46	22.77
Nov-19	214500	2470	216970	49301	1482720	7364	316890	0	275310	40701	0.08	0.36	2.50	12.22
Dec-19	207560	4470	212030	52485	1529324	10276	227520	0	330480	52941	0.09	0.37	2.74	17.99

Consumption of Key Consumables in 2019-20
Bolani

Item	HSD	Expl	Power	Lubricant	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
Unit	(in Liter)	(in kg)	(in KWH)	(in Liter)								
NORM									0.11	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	1842600	718814	15516000	103448	3386140	1182590	966420	448178	0.12	0.39	2.80	21.73
Apr-19	205659	99296	1673040	13316	382755	165831	84265	98990	0.14	0.39	2.64	24.97
May-19	211646	77310	1754160	10370	415785	154721	63955	43236	0.11	0.40	2.76	19.59
Jun-19	228123	92800	1812000	12572	429200	154465	106500	46600	0.13	0.39	2.63	21.46
Jul-19	213010	85532	1710000	10976	425200	123598	72700	44822	0.13	0.39	2.75	20.33
Aug-19	217404	72429.95	1774800	13290	407600	85451	88900	17081	0.12	0.42	3.05	25.45
Sep-19	163364	61915	1483200	11494	178000	99302	281000	28279	0.11	0.33	2.66	23.41
Oct-19	183739	57820	1675680	10500	363300	74335	88000	40118	0.10	0.38	3.19	21.88
Nov-19	203818	90993	1721280	14210	386200	146053	80200	70812	0.13	0.39	2.81	27.29
Dec-19	215837	80718	1911840	6720	398100	178834	100900	58240	0.11	0.39	2.82	12.04

Gua

Item	HSD			Expl	Power	Lubricant	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB	
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)									
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	1998037	30935	2028972	295455	14372885	77574	2662040	0	441525	68000	0.09	0.65	4.63	24.86	
Apr-19	235465	5600	241065	41226	1523870	9646	290790	0	44190	0	0.12	0.72	4.55	28.80	
May-19	223658	2000	225658	38149	1545863	10514	292950	0	80640	0	0.10	0.60	4.14	28.14	
Jun-19	241210	6825	248035	27832	1419973	3584	312750	0	42840	0	0.08	0.70	3.99	10.08	
Jul-19	219087	3310	222397	40974	1673210	10990	293490	0	25650	0	0.13	0.70	5.24	34.44	
Aug-19	232010	1400	233410	30070	1565881	10542	322830	0	55800	0	0.08	0.62	4.14	27.84	
Sep-19	230503	4200	234703	30297	1576512	8414	286830	0	30420	68000	0.08	0.70	4.97	25.17	
Oct-19	209341	0	209341	25265	1630224	9128	289080	0	36795	0	0.08	0.64	5.00	28.01	
Nov-19	214584	2000	216584	33480	1648872	6762	341920	0	32130	0	0.09	0.58	4.41	18.08	
Dec-19	192179	5600	197779	28162	1788480	7994	231400	0	93060	0	0.09	0.61	5.51	24.64	

Consumption of Key Consumables in 2019-20

Brasua -Taldih

Item	HSD			Expl	Power	Lubricant	BARSUA ROM	TALDIH ROM									
	(in Liter)		(in kg)						DEPTT	CONT	DEPTT	CONT	DEPT	CONT	0.08	0.46	4.90
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	16556620	161280	11762332	31131	1951980	469148	385666	0	65340	0	0.06	0.63	4.89	12.96	
2019-20	1042382	147490	1189872	197151	10433983	34860	1242836	733356	427000	0	0	330506	0.07	0.71	6.25	20.88	
Apr-19	29027	3270	32297	8650	945837	1050	2412	45616	0	0	0	225	0.18	13.39	392.14	435.32	
May-19	131976	340	132316	29956	1419687	4200	180023	53438	76820	0	0	0	0.10	0.52	5.53	16.35	
Jun-19	128999	2140	131139	21756	655557	3780	160464	45903	58675	0	0	41886	0.07	0.60	2.99	17.25	
Jul-19	111284	13715	124999	21376	1337317	5880	158842	73281	51180	0	0	43488	0.07	0.60	6.37	28.00	
Aug-19	120817	23835	144652	18508	1215477	4830	135788	41820	51565	0	0	21348	0.07	0.77	6.49	25.78	
Sep-19	119179	44230	163409	16375	1097237	2100	116906	85008	48235	0	0	42404	0.06	0.99	6.64	12.72	
Oct-19	113884	39000	152884	15750	1124317	4200	144171	91285	55050	0	0	46025	0.05	0.77	5.64	21.08	
Nov-19	132767	20960	153727	36150	1433757	4410	173268	140740	44325	0	0	71502	0.08	0.71	6.59	20.27	
Dec-19	154449	0	154449	28630	1204797	4410	170962	156265.6	41150	0	0	63627.82	0.07	0.73	5.68	20.79	

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)	
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	40271	103800	753660	510	1134400	0.09	56186	52025	1215985	468	553975	0.09	84375	1063862	0.08	126003	1626748	0.08
Apr-19	4590	12400	82780	510	176200	0.07	6627	5825	122945	11	92799	0.06	8650	45841	0.19	18528	264821	0.07
May-19	3985	7875	86460	0	159400	0.05	6260	4800	138078	24	62702	0.08	6850	53438	0.13	11674	197957	0.06
Jun-19	7580	13550	54420	0	129100	0.10	8394	6600	131659	12	37068	0.18	8500	87789	0.10	21057	197045	0.11
Jul-19	7543	12025	52640	0	84200	0.14	6931	6000	141882	144	47976	0.13	8200	116769	0.07	8503	168420	0.05
Aug-19	3553	0	89780	0	27700	0.00	7094	2400	138148	61	65108	0.04	6850	63168	0.11	4515	102532	0.04
Sep-19	3035	6700	89500	0	26700	0.25	4128	4800	150540	26	46629	0.10	12025	127412	0.09		127581	0.00
Oct-19	3025	12825	66640	0	111400	0.12	7409	5400	131601	61	69265	0.08	10300	137310	0.08	3785	114453	0.03
Nov-19	3620	14600	117020	0	219600	0.07	5503	8200	122115	69	74933	0.11	14300	212242	0.07	29015.5	216865	0.13
Dec-19	3340	23825	114420	0	200100	0.12	3840	8000	139017	60	57495	0.14	8700	219893.418	0.04	28927	237074	0.12

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

Status as on DEC' 2019

MINE	GRANTED	VALID	AREA	RENEWAL	FOREST CLEARANCE (FC)		ENVIRONMENTAL CLEARANCE (EC)
					ON	UPTO	
KBR-MBR							
Lease-I	28.03.60	31.03.20	1936.06	17.02.09	Stage-II FC [644.26 Ha] granted by MoEF&CC vide letter dated 26.11.2014. Stage-I FC of South & Central Block (247.5 Ha) was granted by MoEFCC on 18.10.2010. Compliance report has been submitted well within the time & State Govt. forward the proposal to MoEFCC on 13.07.2015. Further, compliance of the queires were forwarded by State Govt. to MoEFCC on 05.04.2016. After approval of MPSM on 08.06.2018, MoEFCC, ND requested GoJ on 26.06.2018 to provide some informations related to CA, Lease validity etc. In compliance to the asked information of Ministry, report submitted to DFO on 19.07.2018/31.07.2018 and final recommendation has been forwarded to MoEFCC, Gol on 08.11.2018 but same has been returned back to the Govt. of Jharkhand on 18.03.2019 seeking for some clarification especially the acceptance of earlier identified CA land. After consultation with concerned DFO, it was clarified that the earlier identified 500 ha CA land was now unacceptable for CA purpose due to forest growth. For resolving the matter, series of meeting was held & around 512 ha fresh degraded forest land was identified in Khunti (451 ha) & Gumla (61 ha) Forest Divisions during 02.08.2019 to 15.08.2019. Complete report submitted to DFO, Saranda on 21.08.2019 for further processing of the proposal. The compliance of the query sought by DFO, Saranda was submitted on 23.11.2019 & again DFO, Saranda on 28.11.2019 requested CF, Jamshedpur to provide the compartment no. and its area under Lease-I and 247.5 ha. The letter was submitted to the office of CF, Jamshedpur on 29.11.2019 . Clarification forwarded to CF by DFO on 04.12.19 & forwarded to Nodal office on 13.12.19.	EC granted by MoEFCC for 10 MTPA capacity on 27.12.2006. EC granted by MoEFCC for 16 MTPA capacity on 23.09.2014. CTO for 16 MTPA capacities has been renewed by JSPCB on 24.12.2019 with validity up to 31.12.2024.	
Government of Jharkhand has extended the mining lease period of amalgamated lease of Kiriburu-Meghahatuburu Iron Ore Mines up to 27.03.2030 vide letter dated 30.07.2019. Amalgamated Lease deed executed on 25.10.2019							
Lease - II	06.02.73	31.03.20	879.439	10.01.02	Forestry clearance for the total broken area of 55.9 Ha was granted on 11.04.2005.	Ore Beneficiation Plant & loading facilities of Meghahatuburu Iron Ore Mine are located in the lease-II.	
Lease - III	01.10.73	31.03.20	82	26.09.02	Forestry clearance for the total broken area of 24.23 Ha was granted on 11.04.2005.	Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III.	
Horomotto	01.01.70	31.12.99	1051.98	-	Hon'ble High Court disposed the two writ petitions on 16.04.2019 by directing the State Govt. to consider SAIL's representation in accordance with the law to retain 90.06 ha over which infrastructure facilities were developed. SAIL had submitted a representation to Govt of Odisha on 03.07.2019 and requested to allow SAIL to retain the 90.06 ha in Horomotto Lease area over which various infrastructure facilities have been developed since 1970 and grant Surface Lease for the said area in the larger public interest. Under consideration with Govt. of Odisha.	No EC	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL							Status as on DEC' 2019
MINE	GRANTED	VALID	AREA	RENEWAL	FOREST CLEARANCE (FC)		ENVIRONMENTAL CLEARANCE (EC)
	ON	UPTO	(in ha)	APPL.DATE			
BOLANI							
5.1 sq. mile lease	11.04.60	09.04.30	1321.45	26.03.09	Stage-II FC granted by MoEF&CC on 11.12.2012, 09.07.2013 & 12.11.2014. Stage-I FC for additional 87.09 ha sabik FL was obtained on 12.09.2017. Stage-II FC granted on 06.11.2019 for 87.09 ha Sabik Forest.	EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21.12.2012. Consent to Operate for 12 MTPA capacity has been renewed on 28.03.2019 & Valid upto 31.03.2020.	
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. Stage-II FC for 124.313 ha was obtained from MoEF&CC, New Delhi on 29.04.2019. In addition to that, MoEFC&CC vide letter dated 24.07.17 issued amended Stage-I FC order of Hal forest. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & respective schemes are approved on 27.10.2018 and in line with the demand letter received from DFO, Rs 16.35 Crore was paid. After complete compliance of Stage-I FC conditions, status report was submitted to DFO, Keonjhar on 29.12.2018 for onward submission for grant of Stage-II FC. However, due to change in labour wage rate, all the schemes have been revised and approved by the State Forest Department and directed to deposit the differential amounts. Differential amount of Rs. 2.9 Crores has been paid on 20.02.2019. The revised compliance report was submitted to DFO, Keonjhar on 23.02.2019. DFO, Keonjhar forwarded the proposal to RCCF, Rourkela on 25.03.2019. Stage – I FC compliance report was forwarded to Addl. PCCF (N) on 12.04.2019 and forwarded to MoEF&CC on 02.07.2019 for grant of Stage – II FC. Further, MoEFCC asked clarification to Govt of Odisha on 04.10.2019 which is under process. A meeting in this regard held at HOFF office on 09.12.19. Identification of CA land is under process.	Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore. CTO for handling of 10 MTPA Iron ore lumps & fines and 15000 TPA Mn ore granted by OSPCB & further renewed on 25.03.2019 with validity upto 31.03.2020. Also, Consent to Establish (CTE) for production of 15000 TPA Mn Ore was extended by OSPCB upto 20.12.2023 on 22.05.2019.	

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

MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)		Status as on DEC' 2019 ENVIRONMENT CLEARANCE (EC)	
					ON	UPTO (in ha)		
GUA								
Durgaiburu	22.02.49	21.02.79	1443.76	08.02.08 (2nd RML)	Stage-II FC for existing broken area of 274.691 ha has been granted by MoEF on 22.08.2014. Stage-I FC granted for 361.295 ha on 04.03.2014. After subission of Stage- I compliance report to DFO on 02.06.2015 & verification of report, State Govt. forwarded the proposal to MoEFCC, New Delhi on 30.07.2015/23.09.2015 for grant of Stage-II FC. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 03.07.2018 requested GoJ to provide some informations. The desired informations were submitted to forest department on 19.07.2018 & forwarded to Government of Jharkhand has extended the mining lease period of Duarguiburu Lease of Gua Ore Mines up to 21.02.2029 vide order dated 25.06.2019. The lease deed executed on 24.09.2019 and registration done on 30.09.2019.			EC granted by MoEF on 25.03.2013. CTO for 12.5 MTPA renewed by JSPCB on 26.12.2016 for the period 01.01.2017 to 31.12.2020.
Jhilingburu - I	12.05.50	11.05.80	210.526	25.04.09 (2nd RML)	Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land indentification is under progress.		ToR for conduting EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEF&CC on 13.11.17sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018 which is under compliance.	
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFFCC, Ranchi on 16.01.2018 for further necessary action. MoEF&CC, RO, Ranchi vide letter dated 27.02.2019 requested PCCF (Nodal), GoJ to provide certain information in view of the approval of MPSM. The point-wise information was submitted to DFO,Saranda vide letter dated 02.04.2019. After examination of information, DFO,Saranda vide letter dated 27.04.2019 has sought certain clarifications from SAIL which were replied on 22.05.2019. Lease period has been extended upto 11.05.2020 by Govt of Jharkhand on 30.10.2019		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. Lease period has been extended upto 08.03.2040 by Govt of Jharkhand on 23.10.2019		EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015.	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)		ENVIRONMENT CLEARANCE (EC)			
					ON	UPTO (in ha)	APPL.DATE			
CHIRIA										
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	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)	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)	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)	was submitted to DFO, Saranda on 14.11.18. Shape/kml files of the lease area and forest area proposed for diversion and sites identified for CA were submitted to DFO, Saranda by MOM, Chiria on 24.12.18. After verification at different level, the information was forwarded to MoEFCC by Govt. of Jharkhand on 07.06.2019.	EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA.				
Dhobil	08.03.48	07.03.38	513.036	06.03.97 (2nd RML)	Forestry clearance is deemed to be exist upto 2038.	EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 24.01.2012 and amended dated 01.05.12 for production capacity to 0.75 MTPA. The amendment of EC for continuation of ore transportation by road for 5 more years beyond June, 2017 was granted on 19.04.17. Consent to Operate for 0.75 MTPA has been renewed by JSPCB on 09.03.2018 for the period up to 31.03.2022. CTO for Manoharpur siding for dispatch of 2.5 lakhs T/month of iron ore was granted by JSPCB on 08.12.16 for period upto 30.06.2021.				
Tatiburu	01.09.49	31.08.79	38.85	24.08.08 (2nd RML)	Virgin & Non-working lease.No FC		No EC			
Ankua	14.06.82	31.03.20	67.178	18.06.11 (2nd RML)	Virgin & Non-working lease.No FC		No EC			
BARSUA-KALTA										
ML No.-130	06.01.60	05.01.30	2486.38	NA	Stage-II FC granted by MoEF&CC on 06.03.2013. DFO, Bonai vide letter dated 27.02.18 allowed to take up mining operation over 28.90 ha of forest land under Taldih Block-C. Proposal for felling of tree over an area of 58.75 ha in area-5 of Barsua Part has been approved by DFO, Bonai and a meeting was held on 29.10.2018 for settlement/ strategy of tree felling. Offer issued by M/s OFDC on 2.11.2018 for said proposal & job is under progress.	EC granted by MoEFCC vide letter dated 29th Oct'10. Amended EC for ML-130 lease was granted on 30.03.2016 for redistribution of production from Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Taldih to 2.05 Mt/yr. CTO of Barsua Railway siding has been granted on 30.03.2019 with validity upto 31.03.2020.				
ML No.-162	29.04.60	28.04.30	77.94	21.04.99	Stage-II FC granted on 23.10.17 for diversion of 77.94 ha of forest land.	Ore Beneficiation Plant, Jigging Plant, Conveyors, part of the Tailing Pond located under this lease.				
ML No.-139	17.01.75	16.01.25	25.981	04.01.14	Online Diversion Proposal including safety zone submitted on 22.07.15. On scrutiny of online diversion proposal, DFO noticed some deficiencies and raised query on 26.05.16. Compliance of the query is under process. The matter of identification of CA land was discussed with forest nodal office on 25.10.2018 meeting. CA land over an area of 33.022 ha is under process.	MoEFCC vide letter dated 11.09.2018 accorded TOR and directed to submit EIA/EMP report based on the prescribed TOR. Job is under process for submission to OSPCB for conducting Public Hearing.				
ML No.-227	18.01.84	17.01.04	3.34	04.01.03	Preparation of Diversion Proposal is under progress	Non-working lease. Obtaining EC is under progress.				

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL						
MINE	GRANTED	VALID	AREA	RENEWAL	Status as on DEC' 2019	
					FORESTRY CLEARANCE (FC)	
	ON	UPTO	(in ha)	APPL.DATE		
BHAWANATHPUR						
GORGAON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgaon, Ghagra & Saraiya leases has been approved by SAIL-Board on 30.05.2017. Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval. Vide letters dated 15.10.18, the reply to the IBM query was submitted on 18.10.18.SAIL official met IBM official, Ranchi on 31.01.19 & 01.02.19 for approval of FMCP	
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)	wherein IBM directed to submit the Geological Report of three leases for further processing of FMCP's. Geological Reports of three leases were submitted to IBM on 25.02.19 for grant of FMCP. IBM, Ranchi approved the FMCP's for Gorgaon on 08.05.19 and Ghagra & Saraiya leases on 09.05.19. A request letter was submitted to DC, Garhwa through DMO, Garhwa on 15.05.2019 for surrender of Bhawanathpur leases as per Rule 21 (1) of MCR, 2016. Also, another request letter was submitted to Secy (Mines & Geo) on 23.05.2019 for final surrender of Bhawanathpur leases. The completion of approved job related to closure plan is under process.	
PURNAPANI	06.01.80	31.03.20	230.525	30.12.98	No forest land involved	Non-working lease. No EC
GHATITANGAR	29.04.80	28.04.00	153.51	16.04.99	Writ petitions were heard at different dates by the Hon'ble High Court of Orissa which was finally heard on 06.08.2019. The Hon'ble High Court has disposed of the two writ petitions filed by SAIL and asked to makes a representation to State Govt. for redressal of its grievances.	Non-working lease. No EC
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 on 23.02.2016 with validity upto 31.01.17. CTO renewed by MPPCB for the period upto 31.01.2020.
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 was 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. MoEFCC 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. No notice has been served by Jharkhand Govt. in the matter till date.

RMD MANPOWER POSITION AS ON 01.01.2020

	Executives	Non-Executives	Total
A. Ore Mines			
Kiriburu	87	549	636
Meghatuburu	66	505	571
Bolani	90	476	566
Barsua	65	279	344
Kalta	15	59	74
Gua	57	485	542
Chiria	15	55	70
A. Total	395	2408	2803
B. Flux Mines			
Purnapani	0	5	5
Kuteshwar	25	72	97
BNP & TDMR	10	56	66
B. Total	35	133	168
C. Offices			
Kolkata	68	30	98
Rourkela	10	16	26
Bokaro	1	3	4
Durgapur	0	4	4
Delhi	4	2	6
Bhubaneswar	2	2	4
Ranchi	1	2	3
Burnpur	0	1	1
MT	17		17
C. Total	103	60	163
Grand Total (A+B+C)	533	2601	3134
Manpower as on 01.12.2019	538	2615	3153
Reduction(-)/Increase(+)	-5	-14	-19

ACCIDENT STATISTICS OF RMD MINES

	FATAL						SERIOUS						REPORTABLE						MANDAYS LOST						
	Dec-19			FY 2019-20			Dec-19			FY 2019-20			Dec-19			FY 2019-20			Dec-19			FY 2019-20			
	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	
Kiriburu																								103	103
Meghatuburu													1		1	1		12	12	12	12	12	12	12	12
Bolani																								57	57
Barsua													1	1										58	58
Taldih																									
Kalta																									
Gua																	2	2						100	100
Manoharpur																1	1							45	45
Kuteshwar																									
Tulsidamar																									
RMD Total										1	1	1		1	4		4	12		12	317	58	375		

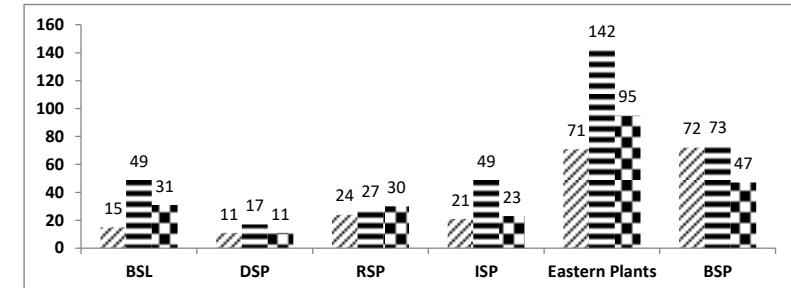
IRON ORE STOCK INVENTORY BEHAVIOUR

December 2019

IRON ORE LUMP

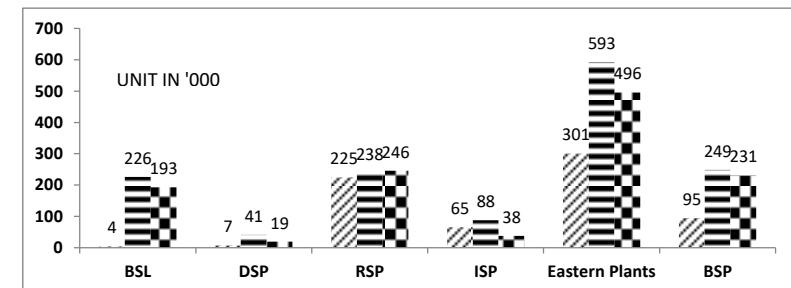
UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.12.2019	MTH	CUM	MTH	CUM	01.01.2020	MTH	YR
BSL	15	49	189	1867	209	1834	31	-18	16
DSP	11	17	121	1058	128	1064	11	-6	0
RSP	24	27	215	1782	163	1388	30	3	6
ISP	21	49	88	793	101	764	23	-26	2
Eastern Plants	71	142	614	5498	601	5050	95	-47	24
BSP	72	73	<u>3</u>	<u>3</u>	271	2348	47	-26	-25
TOT	143	215	618	5502	872	7398	142	73	1



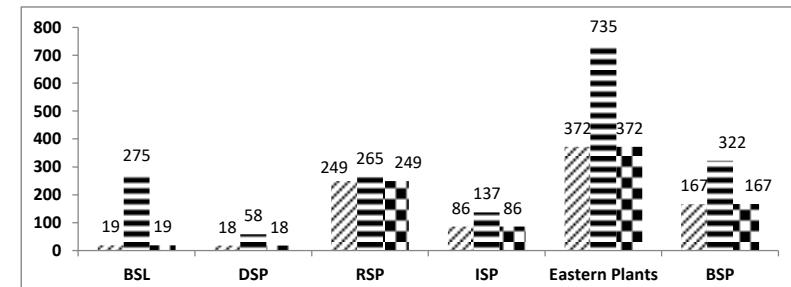
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.12.2019	MTH	CUM	MTH	CUM	01.01.2020	MTH	YR
BSL	4	226	296	3129	335	3158	193	-33	189
DSP	7	41	215	1953	236	1940	19	-22	12
RSP	225	238	318	2858	355	3077	246	8	21
ISP	65	88	271	2259	334	2519	38	-50	-27
Eastern Plants	301	593	1099	10198	1260	10694	496	-97	195
BSP	95	249	<u>102</u>	<u>717</u>	440	3472	231	-18	136
TOT	396	842	1201	10914	1700	14166	727	115	331



IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.12.2019	MTH	CUM	MTH	CUM	01.01.2020	MTH	YR
BSL	19	275	485	4995	544	4992	224	-51	205
DSP	18	58	336	3010	364	3004	30	-28	12
RSP	249	265	533	4639	518	4465	276	11	27
ISP	86	137	359	3051	435	3283	61	-76	-25
Eastern Plants	372	735	1714	15696	1861	15744	591	-144	219
BSP	167	322	<u>105</u>	<u>720</u>	711	5820	278	-44	111
TOT	539	1057	1819	16416	2572	21564	869	188	330



* BSP RECEIPT FROM RMD MINES

PRODUCTION PERFORMANCE

December 2019

हॉट मेटल

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Dec 2018	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	411	319	77	365	-13	3493	3011	86	3126	-4
दूर्गापूर	235	225	96	218	3	1954	1786	91	1897	-6
राउरकेला	335	309	92	335	-8	3030	2679	88	2812	-5
बर्नपूर	210	250	119	236	6	2000	1806	90	1521	19
पूर्वी इस्पात संयंत्र	1191	1103	93	1154	-4	10477	9282	89	9356	-1
भिलाई	579	427	74	444	-4	4755	3565	75	3488	2
TOTAL	1770	1530	86	1598	-4	15232	12846	84	12844	0

सिन्तर

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Dec 2018	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	523	471	90	475	-1	4361	4284	98	4370	-2
दूर्गापूर	250	310	124	283	9	2514	2447	97	2546	-4
राउरकेला	545	506	93	534	-5	4903	4449	91	4632	-4
बर्नपूर	304	367	121	341	8	2914	2714	93	2319	17
पूर्वी इस्पात संयंत्र	1622	1654	102	1633	1	14692	13894	95	13867	0
भिलाई	840	599	71	626	-4	6900	5322	77	5075	5
TOTAL	2462	2253	91	2260	0	21592	19216	89	18941	1

IRON ORE RECEIPTS FOR THE MONTH OF December 2019

FIGS IN '000 T

Lump Receipt											
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	49	46	42	10			1		42		189
DSP			117				5				121
RSP	27	3		63	48	74					215
ISP			47				41				88
BSP											
TOT	76	50	205	73	48	74	47		42		614

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	37	82	66	59	18		3		3		268
DSP		38	171				6				215
RSP	57	18		61	55	113			15		318
ISP		48	144				80				271
BSP	46					7	29				83
TOT	140	186	381	120	72	121	117		18		1154

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	86	128	108	69	18		3		45		457
DSP		38	287				11				336
RSP	84	21		124	102	187			15		533
ISP		48	191				121				359
BSP	46					7	29				83
TOT	215	236	586	192	120	195	164		60		1769

IRON ORE RECEIPTS TILL THE MONTH OF December 2019

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	192	434	448	379	186	4	32		192		1867
DSP		3	863				191				1058
RSP	613	348		127	68	558			68		1782
ISP	15		342				432		3		793
BSP											
TOT	820	785	1654	506	254	561	655		264		5498

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	946	791	388	618	131	49	87		90		3101
DSP		171	1429				353				1953
RSP	901	886		232	189	471	11		169		2858
ISP	34	326	903				992		3		2259
BSP	315					7	373		3		698
TOT	2196	2174	2720	850	320	527	1816		264		10868

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1138	1225	837	997	317	53	119		281		4968
DSP		174	2292				544				3010
RSP	1514	1234		359	257	1029	11		237		4639
ISP	49	326	1245				1424		7		3051
BSP	315					7	373		3		698
TOT	3016	2960	4374	1356	574	1089	2471		528		16366

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	Dec-19	Km	Dec-19	Km	Dec-19	Km	Dec-19	Km	Dec-19
KRBU(N/B) (FOS)	371	666.60	409	747.70	90	203.50	377	706.90	539	951.20
KRBU(O/B) (SOBK)	371	666.60	409	747.70	90	203.50	377	706.90	539	951.20
MBR (SSMK)	371	666.60	409	747.70	90	203.50	377	706.90	539	951.20
BOLANI (BYFS)	272	508.70	318	587.20	223	467.80	286	549.10	673	1193.30
BARSUA (PBSB)	342	626.90	389	706.90	69	203.50	356	666.60	519	951.20
ROXY (HLSR)	332	626.90	379	706.90	59	203.50	346	626.90	509	951.20
GUA (ISCG)	265	508.70	311	587.20	216	426.80	279	549.10	665	1193.30
MANOHARPUR (IISM)	241	467.60	287	549.10	33	203.50	255	508.70	483	869.20
DALLIRAJHARA (DRZ)	827	1433.00	871	1512.10	533	951.20	832	1433.00	83	203.50

	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	Dec-19	Km	Dec-19	Km	Dec-19	Km	Dec-19	Km	Dec-19
BHAWANATHPUR (PSBS)	369	585.80	491	763.80	559	907.30	459	727.40	909	1398.20
KHANABANJARI (BLSG)	712	1119.70	834	1259.30	675	1048.70	802	1259.30	496	763.80

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	Dec-19	Km	Dec-19	Km	Dec-19	Km	Dec-19	Km	Dec-19
KRBU(N/B) (FOS)	371	804.92	409	902.85	90	245.73	377	853.58	539	1148.57
KRBU(O/B) (SOBK)	371	804.92	409	902.85	90	245.73	377	853.58	539	1148.57
MBR (SSMK)	371	804.92	409	902.85	90	245.73	377	853.58	539	1148.57
BOLANI (BYFS)	272	614.26	318	709.04	223	564.87	286	663.04	673	1440.91
BARSUA (PBSB)	342	756.98	390	853.58	69	245.73	356	804.92	519	1148.57
ROXY (HLSR)	332	756.98	379	853.58	59	245.73	346	756.98	509	1148.57
GUA (ISCG)	265	614.26	311	709.04	216	515.36	279	663.04	665	1440.91
MANOHARPUR (IISM)	241	564.63	287	663.04	33	245.73	255	614.26	483	1049.56
DALLIRAJHARA (DRZ)	827	1730.35	871	1825.86	533	1148.57	832	1730.35	83	245.73

	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	Dec-19	Km	Dec-19	Km	Dec-19	Km	Dec-19	Km	Dec-19
BHAWANATHPUR (PSBS)	369	707.35	491	922.29	559	1095.56	459	878.34	909	1688.33
KHANABANJARI (BLSG)	712	1352.04	834	1520.60	675	1266.31	802	1520.60	496	922.29