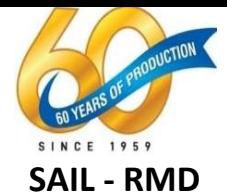
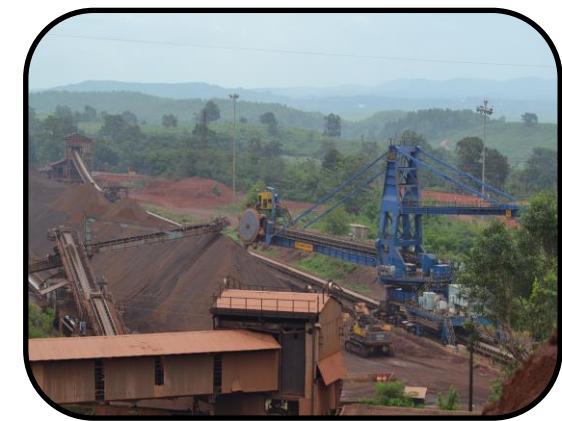




RMD MONTHLY INFORMATICS



MARCH-2020



PPC
RMD KOLKATA



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Performance Highlights

Production:

- RMD Mines achieved best ever Iron Ore and Limestone production since inception
 - Iron Ore:: 22.468 MT (90% of APP) with growth of 4.7% over CPLY (Previous best:: 21.458 MT in 2018-19).
 - Limestone:: 1.238MT (103 % of APP) with growth of 23 % over 2018-19. Previous best:-1.06MT in 2016-17.
- Best ever Lump Production by RMD Mines since inception: 7.50MT with a growth of 1.7% over CPLY Previous best: 7.38 MT in 2018-19.
- Best ever Lump production by Barsua Iron mines since inception:
 - Production 0.745MT (previous best- 0.723MT in 2009-10)
- Best ever Annual Production achieved by Individual Mines since inception:
 - Bolani Ore Mines: 5.926MT (Previous best was 5.626MT in 2018-19)
- Taldih Iron Mines: 0.985MT (Previous best was 0.435MT in 2017-18)
- Best ever excavation by Meghahatuburu Ore Mines : 7.446 MT (previous best-6.932 MT in 17-18)
- Best ever Monthly Production by RMD Mines since inception: 21.10 Lakh T in Feb-20
(Average: 72,773 T/day). Previous best: 21.00 Lakh T in Jan'20.

Performance Highlights

Production cont... .

- Best ever monthly production achieved by Individual Mines since inception:
 - *Kalta Iron Mines: 2,47,720 T in Mar'2020 (Previous Best: 2,39,487 T in Jan'20).*
 - *Taldih Iron Mines: 1,56,266 T in Dec'2019 (Previous Best: 1,34,061 T in Nov'19)*
- Best ever Daily Production of RMD Iron Ore Mines :: 93, 312 T on 14th Feb'20 (*Previous best-86,408T on 30th Nov'19*).
- Best ever Daily Production achieved by Individual Mines since inception:
 - *Bolani Ore Mines: 27,393 T on 17th Feb'20 (Previous best- 26,868 T on 14th Feb'20).*
 - *Kalta Iron Mines: 12,053 T on 31st Mar'20(Previous best- 11,657 T on 29th Mar'20).*
 - *Meghahatuburu Iron Mines: 18,323 T on 28th Dec'19(Previous best- 16,960 T on 23rd Mar'12).*
- Best ever departmental production at Kuteshwar: 0.682MT. Previous highest was 0.65MT in 2017-18.

Performance Highlights

Despatch:

- RMD Mines achieved highest ever despatch since inception::
 - Iron Ore):: 22.37 MT (89% of APP) with growth of 7% over previous best 20.91 MT in 2018-19.
 - Limestone:: 1.247MT (104% of APP) with growth of 23 % over 2018-19 (Previous best:-1.064 MT in 2016-17).
- Best ever rake despatch from RMD Iron Ore Mines : 6326 rakes (Pervious best - 5940 rakes in 2018-19).
- Best ever dispatch of Iron Ore Fines to Bhilai Steel Plant since inception 1.046MT (295 Rakes)
- Best ever Lump despatch by Barsua Iron mines since inception:
 - Despatch 0.739MT (Previous best -0.727MT in 2009-10)
- Best ever annual despatch achieved by Individual Mines since inception:
 - Bolani ore Mines: 5.712MT (Previous best was 5.536MT in 2018-19)
 - Taldih Iron Mines: 0.974MT (Previous best was 0.431MT in 2017-18)
- Best ever Monthly Despatch by RMD Mines since inception: 20.53 Lakh T in Jan'20 (Previous best: 19.45 Lakh T in May'19).
- Highest ever rake loaded in any month by RMD since inception: 587 in Jan'20 (Previous best: 555 in May'19)
- Highest ever daily average rake loaded in any month by RMD since inception: 19.9 in Feb'20 (Previous best: 18.9 in Jan'20)

Performance Highlights

Despatch cont...

- Best ever monthly despatch achieved by Individual Mines since inception:
 - Bolani Ore Mines: 5,71,898 T in Dec'19 (previous best: 5,58,645 in Jun'19)
 - Kalta Iron Mines: 2, 51,688 T in Mar'20 (previous best: 2, 37,939 T in Jan'20).
 - Taldih Iron Mines: 1, 51,234 T in Jan'20 (previous best: 1, 23,256 T in Dec'19).
 - Barsua-Taldih Common Siding: 3, 22,529 T in Feb'20 (previous best: 2, 70,503T in Nov'12).
- Highest ever monthly rakes loaded by Individual Mines since inception:
 - Bolani Ore Mines: 164 in Dec'19 (Previous best-152 rakes in June-19).
 - Gua Ore Mines: 107 in Mar'20 (Previous best -103 Jan'15)
 - Barsua-Taldih Common Siding: 101 in Feb'20 (Previous best -99rakes in Jan'20)
 - Kalta Ore Mines: 68 in Mar'20 (Previous best-65 rakes in Jan'20)
- Highest ever rakes despatched in a day
 - RMD: 25 Rakes on 21st Feb 20.
 - Bolani: 9 Rakes on 12th Dec 19
 - Gua: 5 Rakes on 31st Mar 20
 - Barsua: 5rakes on 9th Feb 20

Performance Highlights

Environment & Leases:

Leases:-

- *Duarguiburu lease of Gua granted by Government of Jharkhand on 25th Jun'19.*
 - *Lease Deed executed on 24th Sept 19.*
- *Topailore Lease period extended up to 08.03.2040 by Government of Jharkhand on 23rd Oct 2019.*
 - *Lease Deed executed on 17th January 2020.*
- *Jhillingburu-II Lease period extended up to 11.05.2020 by Government of Jharkhand on 30th Oct 2019.*
 - *Lease Deed executed on 17th Jan. 2020.*
- *Kiriburu- Meghahatuburu lease amalgamation granted by Government of Jharkhand on 30th July'19*
 - *Lease Deed executed on 25th Oct 2019).*

Forestry Clearances:-

- *Bolani: Stage-II FC for 6.9 Sq. Mile lease of Bolani covering 124.313 ha Sabik forest granted by MoEFCC on 29.04.2019.*
- *Bolani: Stage-II FC for 5.1 Sq. Mile lease of Bolani covering 87.09 ha Sabik forest granted by MoEFCC on 06.11.2019.*
- *Topailore Lease Stage II FC (Final Approval) accorded by Ministry on 04th Oct 2019.*

Performance Highlights

Projects & Others:

- *Batac Jigs at Barsua Iron Mines has been commissioned in Nov'19.*
- *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.*
- *Bolani has successfully modified in-house the Shovel No-25 (BE-1000 model) with rock breaker arrangement to increase the lump production.*

Management System Certification:

- *Quality Management System (ISO9001:2015) certification of Gua, Barsua, Kalta Manoharpur and Taldih.*
- *Environment Management System (ISO9001:2015) certification of Gua, Barsua, Kalta, Manoharpur and Taldih*
- *Occupational health & Safety Management System (ISO45001:2018) certification of Meghahatuburu, Gua, Barsua, Kalta, Manoharpur and Taldih*

Rake Despatch Performance

Unit: Nos of Rake

MINES	FOR THE MONTH OF - March-20					19-20 TILL THE MONTH OF March-20				
	CBT	ACT	%FF	CPLY	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
KIRIBURU	100	92	92	83	11	1314	1090	83	1063	3
MEGHATUBURU	100	97	97	83	17	1281	1071	84	1014	6
BOLANI	140	107	76	144	-26	1785	1578	88	1569	1
BARSUA	70	58	83	49	18	630	549	87	483	14
TALDIH	45	13	29	4	225	345	295	86	86	243
KALTA	70	68	97	46	48	675	496	73	460	8
GUA	100	107	107	94	14	1185	1051	89	1062	-1
CHIRIA	25	13	52	10	30	225	196	87	203	-3
RMD TOTAL	650	555	85	513	8	7440	6326	85	5940	6

PLANTS	COMM	FOR THE MONTH OF - March-20					19-20 TILL THE MONTH OF March-20				
		CBT	ACT	%FF	CPLY	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
BSL	LUMP		62.3		66.2	-6		709.9		654.6	8
	FINES		89.7		107.8	-17		1104.1		1148.4	-4
	TOTAL	160	152.0	95	174.0	-13	2172	1814.0	84	1803.0	1
DSP	LUMP		28.3		38.7	-27		400.6		398.8	0
	FINES		49.7		49.3	1		695.4		757.2	-8
	TOTAL	120	78.0	65	88.0	-11	1323	1096.0	83	1156.0	-5
RSP	LUMP		58.0		64.0	-9		700.7		682.8	3
	FINES		103.0		77.0	34		1105.3		1091.2	1
	TOTAL	190	161.0	85	141.0	14	1953	1806.0	92	1774.0	2
ISP	LUMP		32.7		29.2	12		322.8		334.1	-3
	FINES		95.3		78.8	21		984.2		847.9	16
	TOTAL	130	128.0	98	108.0	19	1587	1307.0	82	1182.0	11
BSP	LUMP		0.00			0		0.00			0
	FINES		28.0		2.0	1300		295.0		25.0	1080
	TOTAL	50	28.0	56	2.0	1300	405	295.0	73	25.0	1080
SALE	FINES		8.0					8.0			
SAIL TOTAL	LUMP		181.3		198.1	-8		2134		2070.3	3
	FINES		365.7		314.9	16		4192		3869.7	8
	TOTAL	650	555	85	513	8	7440	6326	85	5940	6

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

March 2020

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH %	CAP UTLN %
		2019-20	TGT	ACT	%FF	LAST YR Mar 2019		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	1150	105	73	69.4	92	-20.9	1150	1051	91.4	998	5.3	
	F	3350	315	294	93.2	241	22.0	3350	2873	85.8	2887	-0.5	
	T	4500	420	366	87.2	333	10.1	4500	3924	87.2	3885	1.0	71
MEGHAHATUBURU 5000	L	875	75	99	132.1	83	19.1	875	1039	119	995	4.5	
	F	2625	235	222	94.3	256	-13.3	2625	2699	103	2669	1.1	
	T	3500	310	321	103.5	339	-5.3	3500	3738	107	3663	2.0	75
BOLANI 6500	L	2586	240	109	45.3	247	-55.9	2586	2085	80.6	2259	-7.7	
	F	3914	370	269	72.6	356	-24.4	3914	3840	98.1	3367	14.1	
	T	6500	610	377	61.9	602	-37.3	6500	5926	91.2	5626	5.3	91
BARSUA 2500	L	803	70	74	105.7	87	-15.1	803	745	92.8	598	24.7	
	F	1697	150	126	84.2	121	4.8	1697	1004	59.1	1264	-20.6	
	T	2500	220	200	91.0	208	-3.6	2500	1749	70	1862	-6.1	70
TALDIH 1000	L	332	28	18	63.2	9	92.5	332	379	114	182	108.6	
	F	618	52	14	27.2	17	-17.2	618	605	97.9	122	394.9	
	T	950	80	32	39.8	26	21.2	950	985	104	304	223.7	98
KALTA 2500	L	1229	104	94	90.1	104	-10.2	1229	809	65.8	914	-11.5	
	F	1071	95	154	162.1	102	51.0	1071	909	84.8	804	13.1	
	T	2300	199	248	124.5	206	20.0	2300	1717	74.7	1717	0.0	69
GUA 4000	L	1130	100	100	100.1	90	11.0	1130	1027	90.9	1038	-1.1	
	F	2870	250	264	105.8	220	19.9	2870	2668	93	2633	1.3	
	T	4000	350	365	104.1	311	17.4	4000	3695	92.4	3671	0.7	92
MANOHARPUR 750	L	375	32	37	117.2	15	148.9	375	371	98.9	399	-7.0	
	F	375	32	12	37.5	14	-14.7	375	363	96.8	331	9.8	
	T	750	64	49	77.3	29	69.9	750	734	97.8	729	0.6	49
TOTAL 27750	L	8480	754	604	80.0	728	-17.1	8480	7506	88.5	7381	1.7	
	F	16520	1499	1355	90.4	1326	2.2	16520	14961	90.6	14077	6.3	
	T	25000	2253	1958	86.9	2054	-4.6	25000	22467	89.9	21458	4.7	81

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

March 2020

UNIT 000 TONNES

DESPATCHES

MINE	COMM.	PLAN 2019-20	FOR THE MONTH				GRTH % OVER LSTYR Mar 2019	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON		
			TGT	ACT	%FF	LAST YR Mar 2019		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END
KIRIBURU	L	1150	105	73	69.4	88	-17.1	1150	1044	90.8	1005	3.9	15	24	
	F	3350	285	278	97.5	210	32.0	3350	2915	87	2836	2.8	1064	1003	
	T	4500	390	351	89.9	298	17.6	4500	3958	88	3841	3.1	1079	1027	
MEGHAHATUBURU	L	875	55	107	193.8	77	38.0	875	1099	126	1003	9.5	97	35	29
	F	2625	218	266	121.9	231	15.0	2625	2899	110	2729	6.2	501	310	267
	T	3500	273	372	136.4	308	20.8	3500	3998	114	3732	7.1	598	345	296
BOLANI	L	2586	245	140	57.0	267	-47.7	2586	2128	82.3	2264	-6.0	127	107	85
	F	3914	334	266	79.6	254	4.6	3914	3584	91.6	3272	9.5	1617	1853	1873
	T	6500	579	406	70.0	521	-22.1	6500	5712	87.9	5536	3.2	1744	1960	1958
BARSUA	L	803	70	76	108.8	77	-1.2	803	739	92	594	24.4	19	70	67
	F	1697	150	112	74.8	98	13.9	1697	1072	63.2	1065	0.7	284	178	198
	T	2500	220	188	85.6	176	7.3	2500	1811	72.4	1659	9.2	303	248	265
TALDIH	L	332	28	23	80.9	7	228.5	332	375	113	182	105.3	17	36	44
	F	618	52	19	37.3	8	151.2	618	599	96.9	111	440.2	27	5	253
	T	950	80	42	52.5	15	187.7	950	974	102	293	231.9	44	41	297
KALTA	L	1229	104	98	94.5	99	-1.2	1229	853	69.4	898	-5.0	35	1	8
	F	1071	95	153	161.5	70	119.0	1071	954	89	764	24.8	53	4	
	T	2300	199	252	126.5	169	48.5	2300	1807	78.6	1663	8.7	88	5	8
GUA	L	1130	100	102	101.9	88	16.4	1130	945	83.7	1078	-12.3	26	49	48
	F	2870	250	244	97.7	213	14.7	2870	2443	85.1	2362	3.4	141	272	272
	T	4000	350	346	98.9	300	15.2	4000	3388	84.7	3440	-1.5	167	321	320
MANOHARPUR	L	375	32	38	118.1	17	121.3	375	368	98.1	414	-11.1	1	1	
	F	375	32	10	32.3	20	-48.0	375	351	93.7	335	4.8	3	9	7
	T	750	64	48	75.2	37	30.2	750	719	95.9	749	-4.0	3	10	8
TOTAL	L	8480	739	656	88.7	720	-8.9	8480	7550	89	7438	1.5	336	323	274
	F	16520	1416	1349	95.3	1105	22.1	16520	14816	89.7	13474	10.0	3690	3634	2878
	T	25000	2155	2005	93.0	1824	9.9	25000	22367	89.5	20913	7.0	4026	3957	3152

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

March 2020

UNIT 000 TE

DEVELOPMENT

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

KIRIBURU	310	95	31	170	-44	2700	1299	48	1352	-4
MEGHAHATUBURU	430	310	72	281	10	4400	3595	82	2945	22
BOLANI	360	305	85	209	46	4290	2371	55	2978	-20
BARSUA	170	43	25	49	-12	1760	563	32	386	46
TALDIH	78	68	88			910	232	25	65	255
KALTA							491			
GUA	330	50	15	77	-35	3500	698	20	2108	-67
MANOHARPUR				3	-100		12		4	185
TOTAL	1678	871	52	789	10	17560	9261	53	9838	-5.9

ROM

KIRIBURU	420	366	87	333	10	4500	3924	87	3885	1
MEGHAHATUBURU	310	313	101	354	-12	3850	3851	100	3870	0
BOLANI	610	396	65	629	-37	6500	5946	91	5654	5
BARSUA	240	203	84	222	-9	2740	1798	66	1952	-8
TALDIH	80	36	46	26	39	950	1263	133	469	169
KALTA	199	248	125	212	17	2300	1873	81	1718	9
GUA	350	365	104	311	17	4000	3695	92	3671	1
MANOHARPUR	64	49	77	29	70	750	734	98	729	1
TOTAL	2273	1976	87	2115	-7	25590	23084	90	21948	5

TOTAL EXCAVATION

KIRIBURU	730	462	63	503	-8	7200	5224	73	5237	0
MEGHAHATUBURU	740	622	84	634	-2	8250	7446	90	6816	9
BOLANI	970	701	72	838	-16	10790	8317	77	8632	-4
BARSUA	410	246	60	271	-9	4500	2361	52	2338	1
TALDIH	158	105	66	26	300	1860	1494	80	534	180
KALTA	199	248	125	212	17	2300	2364	103	1718	38
GUA	680	415	61	388	7	7500	4393	59	5779	-24
MANOHARPUR	64	49	77	32	53	750	746	99	733	2
TOTAL	3951	2847	72	2904	-2	43150	32345	75	31786	2

Performance against Last Year

Unit in Te

	PREVIOUS YEAR EXCAVATION PERFORMANCE 2018-19																											
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	
Apr-18	414550	277830	136720	579990	299790	280200	693432	308108	385324	2365		2365	121796	98306	23490	141140	141140		532303	341000	191303	18700	18700		2504276	1484874	1019402	
May-18	464760	365490	99270	660790	297090	363700	697182	468363	228819	109405	88915	20490	111636	89676	21960	144020	144020		571268	341100	230168	70140	70140		2829201	1864794	964407	
Jun-18	538824	346680	192144	595770	262170	333600	705132	485008	220124	197559	181049	16510	94690	79030	15660	117100	117100		431453	325310	106143	65968	64914	1054	2746496	1861261	885235	
Jul-18	343980	310230	33750	489910	315810	174100	605878	449568	156310	157244	141135	16109	75485	71255	4230	89100	89100		486783	322650	164133	46439	46439		2294819	1746187	548632	
Aug-18	346140	314280	31860	606930	358830	248100	706618	424818	281800	190450	155765	34685	60770	60770		127600	127600		490050	300060	189990	50834	50834		2579392	1792957	786435	
Sep-18	373230	285570	87660	471450	298350	173100	649401	453150	196251	203212	177207	26005	21547	21547		108600	108600		487898	302090	185808	55376	55376		2370714	1701890	668824	
Oct-18	418500	350550	67950	523280	378180	145100	786217	521929	264288	247501	211921	35580	22324	22324		142200	142200		485099	294520	190579	67291	67291		2692412	1988915	703497	
Nov-18	441720	360270	81450	492930	336330	156600	761408	499367	262041	247874	201574	46300				150700	150700		487353	229860	257493	76423	76423		2658408	1854524	803884	
Dec-18	443200	327960	115240	564210	312210	252000	806853	498720	308133	238931	188861	50070				164150	164150		496305	310590	185715	90699	90699		2804348	1893190	911158	
Jan-19	510090	305910	204180	613150	331650	281500	719382	405729	313653	232940	187484	45456				137900	137900		511350	311400	199950	80464	80464		2805276	1760537	1044739	
Feb-19	438960	307440	131520	582960	326160	256800	662390	510431	151959	239706	196311	43395				183200	183200		410977	281700	129277	78869	78869		2597062	1884111	712951	
Mar-19	502690	332730	169960	634380	353880	280500	837700	628811	208899	270678	221658	49020	26240	26240		212122	212122		387720	310590	77130	32258	29133	3125	2903789	2115165	788624	
Total	5236644	3884940	1351704	6815750	3870450	2945300	8631593	5654002	2977591	2337865	1951880	385985	534488	469148	65340	1717832	1717832		5778559	3670870	2107689	733462	729283	4179	31786194	21948406	9837788	

	THIS YEAR EXCAVATION PERFORMANCE 2019-20																											
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	
Apr-19	476920	304560	172360	581010	330210	250800	731841	548586	183255	2412	2412		45841	45616	225	228031	176200	51831	334980	290790	44190	92799	84005	8794	2493834	1782379	711455	
May-19	513762	305010	208752	600080	348300	251780	677697	570506	107191	256843	180023	76820	53438	53438		212959	159400	53559	373590	292950	80640	62702	61609	1093	2751071	1971236	779835	
Jun-19	518580	360630	157950	611100	335430	275670	736765	583665	153100	219139	160464	58675	87789	74811	12978	180931	129100	51831	355590	312750	42840	37068	35059	2009	2746962	1991909	755053	
Jul-19	462420	359820	102600	596481	317610	278871	666320	548798	117522	210022	158842	51180	116769	103413	13356	89383												

Performance against Last Year

Unit in T	PREVIOUS YEAR PRODUCTION PERFORMANCE 2018-19																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-18	73813	204017	277830	82542	217606	300148	93647	217222	310869				39333	29869	69202	79217	88549	167766	92820	248180	341000	18700		18700	480072	1005443	1485515
May-18	83313	282177	365490	86157	217474	303631	184358	276615	460973	23342	65573	88915	35870	35918	71788	74843	71871	146714	94338	246762	341100	44310	25830	70140	626531	1222220	1848751
Jun-18	75868	270812	346680	68642	235470	304112	185256	292582	477838	50900	129999	180899	31623	13503	45126	61887	45438	107325	94500	230810	325310	33310	31604	64914	601986	1250218	1852204
Jul-18	86553	223677	310230	86047	135257	221304	193161	251857	445018	46105	85412	131517	28502	15190	43692	48711	16190	64901	96275	226375	322650	18981	27458	46439	604335	981416	1585751
Aug-18	90540	223740	314280	137381	135108	272489	188120	219138	407258	47165	99358	146523	24308	664	24972	78855	52463	131318	84805	215255	300060	31619	19215	50834	682793	964941	1647734
Sep-18	78941	206629	285570	80208	173058	253266	169437	269053	438490	50684	120045	170729	6464	10116	16580	62818	44316	107134	81045	221045	302090	35682	19694	55376	565279	1063956	1629235
Oct-18	85742	264808	350550	90090	270372	360462	217696	286553	504249	55820	148752	204572	6697		6697	74938	76859	151797	79019	215501	294520	31869	35426	67295	641871	1298271	1940142
Nov-18	77609	282661	360270	78050	248001	326051	197315	302994	500309	59480	132533	192013				73715	80549	154264	64574	165286	229860	38186	38237	76423	588929	1250261	1839190
Dec-18	88627	239333	327960	56850	268455	325305	214101	309079	523180	57138	121680	178818				78390	81905	160295	88456	222134	310590	42698	48001	90699	626260	1290587	1916847
Jan-19	84028	221882	305910	83966	262153	346119	169291	252008	421299	56244	119359	175603				85644	67001	152645	89270	222130	311400	43292	37172	80464	611735	1181705	1793440
Feb-19	80962	226478	307440	61445	250057	311502	199648	334668	534316	63741	121015	184756				90280	76470	166750	82620	199080	281700	45065	33804	78869	623762	1241572	1865333
Mar-19	92067	240663	332730	83132	255679	338811	246658	355598	602256	87114	120510	207624	9186	17054	26240	104360	101996	206356	90155	220435	310590	15063	14070	29133	727734	1326005	2053740
Total	998063	2886877	3884940	994510	2668690	3663200	2258688	3367367	5626055	597733	1264236	1861969	181983	122314	304297	913658	803606	1717264	1037877	2632993	3670870	398775	330512	729287	7381287	14076595	21457882

	THIS YEAR PRODUCTION PERFORMANCE 2019-20																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-19	96120	208440	304560	80355	231111	311466	235045	320436	555481	1447	965	2412	23020	22596	45616	70273	83074	153346	86470	204320	290790	41031	42975	84006	633761	1113916	1747677
May-19	80463	224547	305010	72935	262700	335635	215460	379261	594721	90186	89837	180023	27238	21392	48630	68818	82737	151555	86275	206675	292950	25831	35778	61609	667206	1302927	1970133
Jun-19	96565	264065	360630	75243	248397	323640	191188	393427	584615	54669	105795	160464	20853	22227	43080	64730	43652	108382	92885	219865	312750	7447	27612	35059	603580	1325040	1928620
Jul-19	108100	251149	359249	68360	211573	279933	194632	352006	546638	60996	89376	150372	24663	45143	69806	69762	19497	89259	84110	209380	293490	43828	4148	47976	654451	1182272	1836723
Aug-19	96623	223867	320490	84377	199584	283961	196442	293979	490421	44574	858																

Performance against Last Year

Unit in Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2018-19																											
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-18	83370	219106	302476	124184	208457	332641	121767	314857	436624				41799	23872	65671	72764	88815	161579	110181	207154	317335	18434		18434	572499	1062261	1634760	
May-18	86809	224690	311499	90587	221302	311889	143299	321339	464638	11027	13401	24428	28797	33720	62517	72019	67164	139183	105181	173192	278373	48609	22053	70662	586328	1076861	1663189	
Jun-18	77029	251775	328804	55535	254983	310518	233646	310958	544604	48990	69219	118209	36341	16492	52833	71150	57334	128484	97799	171704	269503	30731	33316	64047	651221	1165781	1817002	
Jul-18	86744	222210	308954	86332	189169	275501	196074	277784	473858	49665	110036	159701	32062	14194	46256	46764	14455	61219	99794	213607	313401	22688	26287	48975	620123	1067742	1687865	
Aug-18	70849	232280	303129	103720	211329	315049	195435	210652	406087	34538	112653	147191	10639			10639	79638	39235	118873	89921	225752	315673	26029	19246	45275	610769	1051147	1661916
Sep-18	82155	272635	354790	83990	211535	295525	175113	220309	395422	42903	86578	129482	3846	14883	18729	57156	57061	114217	70118	204300	274418	42425	23236	65661	557706	1090537	1648244	
Oct-18	79501	257678	337179	50670	243433	294103	161384	273019	434403	63013	93967	156980	22076			22076	78468	75139	153607	73948	210812	284760	29102	34024	63126	558162	1188072	1746234
Nov-18	89635	249059	338694	57001	262146	319147	178349	315854	494204	60598	122130	182727				75421	71650	147071	68147	177431	245578	43263	35319	78582	572414	1233589	1806004	
Dec-18	96283	226587	322870	89749	230962	320711	241156	275462	516618	71030	109351	180381				80692	73238	153929	97134	199377	296511	41377	54287	95664	717421	1169264	1886685	
Jan-19	78200	234023	312222	98090	221374	319464	176143	260300	436443	66788	121544	188332				83718	73117	156835	93045	190924	283969	48926	35773	84699	644910	1137054	1781963	
Feb-19	86290	235895	322185	86059	243367	329426	174858	237140	411999	68429	127321	195750				80885	76903	157788	85271	174578	259849	45116	31771	76887	626908	1126976	1753884	
Mar-19	87584	209756	297340	77230	230998	308227	266648	254188	520835	77106	98493	175599	6896	7713	14609	99355	70100	169455	87523	212961	300484	17160	19000	36160	719501	1103209	1822709	
Total	1004449	2835694	3840142	1003147	2729055	3732202	2263872	3271862	5535735	594087	1064693	1658780	182456	110874	293330	898030	764211	1662241	1078062	2361792	3439854	413860	334312	748171	7437963	13472493	20910455	

THIS YEAR DESPATCH PERFORMANCE 2019-20																													
Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL					
LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	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																				

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

March 2020

बोकारो इस्पात संयंत

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	30	66	219	340	401	118	307	31	39	125	321	504	1360	270	1073	27	69	191	277	844	1761	209	1379	28
MBR	45	107	237	585	738	126	386	91	70	149	213	969	1185	122	961	23	115	255	222	1554	1922	124	1347	43
BOL	60	31	51	640	506	79	749	-32	85	34	40	930	482	52	646	-25	145	65	45	1570	988	63	1394	-29
BAR	55	3	6	683	388	57	297	30	85			1090	619	57	886	-30	140	3	2	1773	1007	57	1183	-15
TAL	12			172	179	104	43	314	40			338	131	39	111	18	52			510	311	61	154	101
KAL	44			529	41	8	308	-87	36	39	110	300	112	37	149	-25	80	39	49	829	153	18	457	-67
GUA	15			90	39	43	40	-4	6			80	97	121	114	-15	21			170	135	80	154	-12
MPR	13	38	291	106	299	282	266	12	15			175	88	50	231	-62	28	38	135	281	387	138	497	-22
RMD TOT	274	244	89	3145	2590	82	2396	8	376	348	92	4386	4074	93	4170	-2	650	592	91	7531	6664	88	6566	1
DRZ																								
PUR																								
GR TOT	274	244	89	3145	2590	82	2396	8	376	348	92	4386	4074	93	4170	-2	650	592	91	7531	6664	88	6566	1
FLUXES																								
KTR	40	28	71	480	468	97	370	26																
TDMR	8	12	155	80	84	104	66	26																
TOT	48	41	85	560	551	98	436	26																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

March 2020

दूर्गापूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB																								
MBR				5			7	-32	8			91	195	215	188	4	8			91	200	220	195	3
BOL	145	104	72	1460	1237	85	1077	15	158	183	116	1919	2027	106	1584	28	303	287	95	3379	3264	97	2660	23
BAR					8																	8		
TAL																								
KAL																								
GUA	10	4	43	260	201	77	372	-46	50	5	11	590	354	60	815	-57	60	10	16	850	555	65	1188	-53
MPR																								
RMD TOT	155	108	70	1720	1451	84	1456	0	216	188	87	2600	2576	99	2586	0	371	296	80	4320	4027	93	4042	0
DRZ																								
PUR																								
GR TOT	155	108	70	1720	1451	84	1456	0	216	188	87	2600	2576	99	2586	0	371	296	80	4320	4027	93	4042	0

FLUXES

KTR	4			70	40	57	44	-9
TDMR								
TOT	4			70	40	57	44	-9

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
March 2020
राउरकेला इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF			
KRB	75	7	10	810	643	79	698	-8	111	67	60	1281	982	77	1679	-42	186	74	40	2091	1625	78	2377	-32	
MBR	10			290	357	123	607	-41	105	62	59	1179	993	84	1394	-29	115	62	54	1469	1349	92	2001	-33	
BOL																									
BAR	15	73	486	120	344	286	297	16	65	104	160	607	444	73	179	149	80	177	221	727	788	108	475	66	
TAL	16	23	142	160	195	122	139	40	12	19	161	280	468	167			28	42	150	440	663	151	139	376	
KAL	60	98	164	700	813	116	590	38	59	95	160	771	724	94	615	18	119	193	162	1471	1537	104	1205	27	
GUA								4	-100					11									11	4	194
MPR				10	65	655	98	-33	17	10	61	200	258	129	60	331	17	10	61	210	323	154	157	105	
RMD TOT	176	201	114	2090	2416	116	2433	-1	369	357	97	4318	3879	90	3927	-1	545	558	102	6408	6295	98	6359	-1	
PUR																									
DRZ								6	-100														6	-100	
GR TOT	176	201	114	2090	2416	116	2439	-1	369	357	97	4318	3879	90	3927	-1	545	558	102	6408	6295	98	6365	-1	
FLUXES																									
KTR	20	4	20	150	243	162	134	81																	
TDMR		8		41	38	93	22	76																	
TOT	20	12	60	191	281	147	156	80																	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
March 2020
बर्नपूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB																3	-100							3	-100
MBR							3	-100		55			527		178	195		55			527			182	190
BOL	40	5	12	486	384	79	439	-12	84	27	32	899	1052	117	1043	1	124	32	25	1385	1437	104	1481	-3	
BAR																									
TAL																									
KAL																									
GUA	75	98	130	780	706	90	662	7	194	239	123	2200	1625	74	1433	13	269	337	125	2980	2330	78	2095	11	
MPR	19			259	3	1	50	-93						3		45	-93	19			259	7	3	95	-93
RMD TOT	134	102	76	1525	1093	72	1154	-5	278	321	115	3099	3207	103	2702	19	412	423	103	4624	4300	93	3856	12	
DRZ																									
PUR																									
GR TOT	134	102	76	1525	1093	72	1154	-5	278	321	115	3099	3207	103	2702	19	412	423	103	4624	4300	93	3856	12	

FLUXES

KTR								
TDMR						5	-100	
TOT						5	-100	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

March 2020

भिलाई 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	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%				
KRB									100	86	86	1200	573	48	81	603	100	86	86	1200	573	48	81	603				
MBR																8	-100								8	-100		
BOL																												
BAR																												
TAL																												
KAL									19			117					19			117								
GUA												357								357								
MPR												3								3								
RMD TOT									100	105	105	1200	1050	87	89	1077	100	105	105	1200	1050	87	89	1077				
DRZ																												
PUR																												
GR TOT									100	105	105	1200	1050	87	89	1077	100	105	105	1200	1050	87	89	1077				
FLUXES																												
KTR	44	12	27	500	497	99	467	6																				
TDMR	8	8	105	77	47	60	123	-62																				
TOT	52	20	39	577	543	94	589	-8																				

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

March 2020

BSL+DSP+RSP+ISP+BSP

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	105	73	69	1150	1044	91	1005	4	250	278	111	2985	2915	98	2836	3	355	351	99	4135	3958	96	3841	3
MBR	55	107	194	875	1099	126	1003	10	183	266	145	2239	2899	129	2729	6	238	372	156	3114	3998	128	3732	7
BOL	245	140	57	2586	2128	82	2264	-6	327	243	74	3748	3561	95	3272	9	572	383	67	6334	5689	90	5536	3
BAR	70	76	109	803	739	92	594	24	150	104	69	1697	1064	63	1065	0	220	180	82	2500	1803	72	1659	9
TAL	28	23	81	332	375	113	182	105	52	19	37	618	599	97	111	440	80	42	53	950	974	102	293	232
KAL	104	98	94	1229	853	69	898	-5	95	153	161	1071	954	89	764	25	199	252	126	2300	1807	79	1663	9
GUA	100	102	102	1130	945	84	1078	-12	250	244	98	2870	2443	85	2362	3	350	346	99	4000	3388	85	3440	-2
MPR	32	38	118	375	368	98	414	-11	32	10	32	375	351	94	335	5	64	48	75	750	719	96	749	-4
RMD TOT	739	656	89	8480	7550	89	7438	2	1339	1319	98	15603	14786	95	13474	10	2078	1974	95	24083	22336	93	20913	7
PUR																								
DRZ							6	-100															6	-100
GR TOT	739	656	89	8480	7550	89	7444	1	1339	1319	98	15603	14786	95	13474	10	2078	1974	95	24083	22336	93	20919	7

FLUXES

KTR	108	44	41	1200	1247	104	1015	23
TDMR	16	29	180	198	168	85	216	-22
TOT	124	73	59	1398	1415	101	1230	15

FLUX MINES OPERATIONS
March 2020

UNIT 000 TONNES

PRODUCTION

MINE		PLAN 2019-20	FOR THE MONTH				GRTH % OVER LSTYR Mar 2019	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR Mar 2019		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1200	105	41	39.3	130	-68.3	1200	1238	103	1008	22.8
TULSIDAMAR	DOLO	210	22			4	-100.0	210	167	79	169	-1.3
RMD TOTAL		1410	127	41	32.5	135	-69.4	1410	1405	99.7	1178	19.3

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	108	44	40.7	131	-66.4	1200	1247	104	1015	22.9
TULSIDAMAR	DOLO	210	16	29	180.5	5	452.4	210	168	80	216	-22.1
RMD TOTAL		1410	124	73	58.8	136	-46.6	1410	1415	100	1230	15.0

Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2018-19					
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-18	65066	71776	13836	22043	78902	93819
May-18	75105	87834	14281	12953	89386	100787
Jun-18	98203	86914	15876	21881	114079	108795
Jul-18	81536	79424	12834	20622	94370	100046
Aug-18	46162	47466	14831	26918	60993	74384
Sep-18	78218	79007	19986	12059	98204	91066
Oct-18	60349	66898	14957	14969	75306	81867
Nov-18	53239	58462	16047	11375	69286	69837
Dec-18	97046	91443	17334	24303	114380	115746
Jan-19	117022	111178	12374	27611	129396	138789
Feb-19	106272	102983	12380	15881	118652	118864
Mar-19	130271	131124	4400	5227	134671	136351
Total	1008489	1014509	169136	215842	1177625	1230350

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	124344	127962	17721	4121	142065	132083
Oct-19	109201	110791	16712	21181	125913	131972
Nov-19	126203	119887	14231	3782	140434	123668
Dec-19	106377	99972	18565	12006	124942	111978
Jan-20	116321	119470	15613	20017	131934	139487
Feb-20	74369	83749	8551	17475	82920	101224
Mar-20	41267	43992	0	28875	41267	72867
Total	1238121	1247056	166964	168288	1405084	1415343

Over Last Year

DIFF	229632	232547	-2173	-47554	227459	184993
%Chg	22.8	22.9	-1.3	-22.0	19.3	15.0

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	30	18	5	5	10	
	MTH ACT	62.89	2.95	2.16	17.71	20.28	61.48	4.52	2.64	7.81	36.41		26.69	15.07	6.43	4.6	8.78	
CUM	2019-20	62.72	3.33	2.07	20.7	18.57	61.51	4.46	2.61	8.41	33.38	CUM	2019-20	26.97	16.69	5.79	5.02	8.18
CUM	2018-19	62.69	3.48	1.81	15.13	18.65	62.07	3.84	2.37	9.88	30.63	CUM	2018-19	28.68	18.79	5.17	5.05	9.06

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	50	2.25	3.5	5	5	
	MTH ACT	62.77	3.32	1.99	15.21	26.77	61.45	4.93	2.33	5.77	39.74		41.78	4.03	3.79	7.13	24.67	
CUM	2019-20	62.83	3.29	1.96	17.25	21.26	61.48	4.81	2.39	6.06	35.95	CUM	2019-20	42.96	3.93	3.64	10.22	17.95
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																
CUM	2019-20	61.7	2.67	2.03	18.07	19.25	60.29	3.77	2.54	4.12	37.29						
CUM	2018-19	63.14	2.75	1.87	20.18	18.68	62.37	3.44	2.22	3.03	41.02						

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30						
	MTH ACT	62.98	2.79	2.22	24.21	18.05	61.9	4.12	2.38	6.74	38.94						
CUM	2019-20	62.98	2.67	2.25	21.41	17.44	61.71	4.04	2.68	6.4	35.63						
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	62.79	3.18	2.09	10.2	24.7											
CUM	2019-20	62.71	2.56	2.76	18.78	16.84	61.14	4.08	3.53	6.23	33.53						
CUM	2018-19	62.75	2.28	2.97	20.11	17.79	61.52	3.47	3.6	6.1	34.36						

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40						
	MTH ACT						62.48	3.5	2.37	3.58	33.49						
CUM	2019-20	62.72	2.81	2.73	9.33	24.17	62.34	3.59	2.43	4.77	34.46						
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	63.34	2.49	2.1	11.67	10.19											
CUM	2019-20	63.58	2.18	2.05	11.28	10.05	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																
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												MTH ACT					
CUM	2019-20	58.8	6.9	2.6	5.2	17.1	60.89	6.19	2.37	6.73	45.39	CUM	2019-20	45.54	1.84	4.47	12.31	27.93
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	60.3	6.7	1.4	7.5	16.3	61.3	5	2	10	49.1							
CUM	2019-20	61.85	3.86	2.1	13.95	12.49	62.39	3.64	2.48	4.61	48.94							
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	62.73	1.44	2.42	23.13	14.16	62.98	2.33	2.62	6.84	43.62							
CUM	2019-20	62.04	3.01	2.04	25.13	12.27	62.33	3.1	2.64	7.51	41.68							
CUM	2018-19	62.18	2.87	1.94	22.28	14.17	62.39	3.07	2.61	5.88	41.44							

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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	62.00	3.20	3.30	6.00	20.00	61.60	3.60	3.10	7.20	39.80		MTH ACT	28.70	18.35	6.90		
CUM	2019-20	62.11	4.02	2.57	15.60	21.43	61.48	4.32	2.60	7.56	39.74	CUM	2019-20	29.06	18.58	5.72		
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						61.60	3.80	3.00	7.90	40.10		MTH ACT	48.10	3.00	4.70		
CUM	2019-20	62.08	4.02	2.64	18.06	21.20	61.52	4.21	2.64	9.68	35.69	CUM	2019-20	49.60	2.46	3.69		
CUM	2018-19	62.53	3.23	2.82	15.66	20.00	62.01	3.41	2.71	8.10	35.62	CUM	2018-19	49.78	2.61	3.04		

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

BAR	NORM	62.5	2.9	3	10	10	62	3.5	3	5	30							
	MTH ACT	62.00	3.00	3.40	9.60	21.80	61.40	3.50	3.50	8.30	40.80							
CUM	2019-20	62.14	2.91	3.32	9.95	21.33	61.46	3.54	3.43	7.82	40.41							
CUM	2018-19	62.41	3.14	3.08	12.87	22.29	61.80	3.42	2.98	7.20	34.12							

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40							
	MTH ACT	63.10	2.50	2.40	5.20	13.60	62.90	2.50	2.40	5.90	37.70							
CUM	2019-20	63.16	2.60	2.40	10.27	15.38	62.88	2.50	2.43	7.02	37.60							
CUM	2018-19	63.47	2.51	2.16	13.93	16.70	62.96	2.52	2.09	6.27	34.35							

MPR	NORM	63			10	10	63			5	40							
	MTH ACT						63.10	2.30	2.40	7.00	39.50							
CUM	2019-20	63.38	2.57	2.16	18.74	15.98	62.95	2.57	2.26	7.28	38.28							
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	63.10	2.50	2.50	5.30	13.30	62.80	2.50	2.60	7.00	38.50							
CUM	2019-20	63.09	2.37	2.62	6.61	13.13	62.50	2.89	2.63	3.10	24.02							
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
	MTH ACT						63.24	3.21	1.70	6.97	43.42		MTH ACT					
CUM	2019-20						62.11	4.72	2.12	8.41	41.06	CUM	2019-20					
CUM	2018-19	64.79	1.47	1.18	66.82	0.7	61.27	4.79	3.22	7.97	37.97	CUM	2018-19					

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40							
	MTH ACT	63.91	2.53	1.51	4.17	4.81	63.26	3.37	1.68	7.18	45.40							
CUM	2019-20	63.11	3.56	1.78	14.02	6.51	62.90	3.72	2.06	7.07	46.31							
CUM	2018-19	63.06	3.05	1.97	23.77	2.77	62.87	3.49	2.42	5.09	47.62							

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30							
	MTH ACT	63.60	3.52	1.38	5.73	3.31	63.18	3.24	1.87	6.28	48.13							
CUM	2019-20	63.07	3.66	1.88	23.47	6.32	62.52	3.76	2.48	8.71	40.57							
CUM	2018-19	62.77	3.37	2.15	20.1	2.01	61.65	3.96	3.32	8.43	38.89							

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

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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						62.51	4.09	2.24	6.54	50.69		MTH ACT	28.99	18.05	6.63	30.65	9.75
CUM	2019-20						62.33	4.25	2.49	8.37	43.22	CUM	2019-20	28.48	18.26	7.2	29.99	11.53
CUM	2018-19						62.75	4.08	2.06	9.07	41.20	CUM	2018-19	28.53	17.64	8.24	33.75	9.24

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT												MTH ACT	50.38	1.82	3.72	5.95	13.45
CUM	2019-20											CUM	2019-20	49.85	2.16	3.87	9.05	18.42
CUM	2018-19						62.32	4.69	1.61	1.1	39.6	CUM	2018-19	49.83	2.26	3.90	9.19	18.30

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40							
	MTH ACT																	
CUM	2019-20						62.85	4.35	2.13	2.61	54.33							
CUM	2018-19																	

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40							
	MTH ACT						62.83	3.66	2.69	2.16	48.69							
CUM	2019-20						62.89	3.62	2.69	2.23	48.01							
CUM	2018-19																	

किरीबुरु

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.61	3.35	2.42	14.85	19.99	5.77	0.72	1008420
APP 19-20	62.50	3.00	2.50	10.00	10.00	5.50	0.83	1150000
Apr-19	62.43	3.42	2.57	15.85	19.54	5.99	0.75	98123
May-19	62.53	2.79	3.16	15.16	21.34	5.95	1.13	85576
Jun-19	62.63	3.06	2.87	14.47	22.92	5.93	0.94	81540
Jul-19	62.35	3.98	2.30	18.32	20.56	6.29	0.58	104549
Aug-19	62.07	4.29	2.32	19.87	17.65	6.61	0.54	101188
Sep-19	61.97	4.91	1.95	17.91	21.95	6.86	0.40	77563
Oct-19	61.53	5.61	1.86	16.21	20.92	7.48	0.33	110300
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	19.66	18.56	5.84	0.70	75498
Jan-20	62.38	3.55	2.34	18.01	21.06	5.89	0.66	85047
Feb-20	62.69	3.26	2.19	19.66	20.15	5.45	0.67	78279
Mar-20	62.80	2.98	2.27	16.53	20.25	5.25	0.76	72239
CUMML	62.34	3.76	2.37	17.65	20.27	6.13	0.63	1047714

किरीबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.09	3.53	2.57	8.45	34.82	6.10	0.73	2869948
APP 19-20	62.50	3.40	2.60	5.00	30.00	6.00	0.76	3350000
Apr-19	61.96	3.76	2.61	7.48	37.31	6.37	0.69	268667
May-19	62.01	3.63	2.90	7.78	38.21	6.53	0.80	277835
Jun-19	62.15	3.46	2.69	7.65	32.72	6.15	0.78	276036
Jul-19	61.61	4.51	2.39	7.35	37.15	6.89	0.53	254007
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	37.14	7.53	0.44	223053
Oct-19	60.93	5.90	2.12	7.40	37.53	8.02	0.36	213432
Nov-19	61.78	4.38	2.57	9.44	35.42	6.95	0.59	257296
Dec-19	61.91	3.76	2.84	9.45	38.24	6.60	0.75	139774
Jan-20	61.31	4.85	2.87	9.50	34.99	7.72	0.59	262459
Feb-20	61.74	4.34	2.76	7.75	40.73	7.10	0.63	244918
Mar-20	61.52	4.21	2.79	7.60	37.55	7.01	0.66	285968
CUMML	61.63	4.38	2.60	8.17	36.95	6.98	0.59	2937149

मेघाहातुबुरु

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.66	3.19	2.46	15.56	19.79	5.64	0.77	1003297
APP 19-20	62.50	3.40	2.60	10.00	10.00	6.00	0.76	875000
Apr-19	62.96	2.90	2.18	17.98	18.75	5.08	0.75	118908
May-19	62.50	2.93	3.07	19.81	19.71	6.01	1.05	69120
Jun-19	62.71	3.06	2.41	18.62	17.42	5.47	0.79	77562
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	4.71	1.86	19.03	19.74	6.57	0.39	88176
Oct-19	61.86	4.82	2.03	17.55	19.95	6.85	0.42	95810
Nov-19	62.55	3.56	2.25	18.21	22.29	5.81	0.63	96982
Dec-19	62.94	3.32	2.00	16.91	22.87	5.32	0.60	49587
Jan-20	62.72	3.46	2.02	16.90	23.26	5.48	0.58	113750
Feb-20	62.75	3.10	2.24	16.03	23.09	5.34	0.72	95514
Mar-20	62.77	3.32	1.99	15.21	26.77	5.31	0.60	110536
CUMML	62.58	3.53	2.18	17.48	21.23	5.71	0.62	1095394

मेघाहातुबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	61.86	3.88	2.62	6.81	36.47	6.50	0.67	2726334
APP 19-20	62.00	4.00	2.50	5.00	30.00	6.50	0.63	2625000
Apr-19	61.93	3.88	2.46	5.54	36.09	6.34	0.63	302274
May-19	61.72	3.94	2.78	7.43	38.62	6.72	0.71	302670
Jun-19	61.72	3.93	2.90	8.48	38.30	6.83	0.74	249894
Jul-19	61.59	4.69	2.48	6.60	37.72	7.18	0.53	274489
Aug-19	61.41	4.97	2.29	7.73	36.00	7.26	0.46	218151
Sep-19	61.53	5.07	2.08	13.60	23.23	7.15	0.41	194976
Oct-19	60.54	6.46	2.09	6.31	39.55	8.55	0.32	237885
Nov-19	61.26	5.31	2.51	6.95	38.83	7.82	0.47	194194
Dec-19	61.57	4.93	2.50	7.23	38.86	7.43	0.51	172966
Jan-20	61.71	4.84	2.18	7.22	40.30	7.02	0.45	252708
Feb-20	61.59	4.81	2.30	6.87	39.67	7.11	0.48	193068
Mar-20	61.52	4.59	2.51	6.38	39.90	7.10	0.55	269869
CUMML	61.53	4.72	2.44	7.39	37.44	7.16	0.52	2863144

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	2.11	24.45	14.16	4.78	0.79	206516
Jul-19	62.07	4.14	1.88	26.14	11.87	6.02	0.45	201433
Aug-19	61.77	4.01	1.74	30.16	9.27	5.75	0.43	200134
Sep-19	62.28	2.95	1.98	32.11	12.02	4.93	0.67	144930
Oct-19	62.34	3.42	1.92	21.33	13.04	5.34	0.56	138514
Nov-19	61.78	4.30	2.21	17.18	12.43	6.50	0.51	173885
Dec-19	62.81	2.91	1.82	24.84	11.68	4.73	0.62	205306
Jan-20	62.58	2.28	2.35	26.83	11.60	4.63	1.03	139408
Feb-20	63.05	1.84	2.10	22.36	12.34	3.94	1.14	138870
Mar-20	62.83	1.87	2.32	22.60	14.62	4.19	1.24	126255
CUMML	62.47	3.05	2.06	23.92	12.38	5.11	0.68	2050355

गुआ

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	57309
Nov-19	61.20	5.82	2.08	19.10	8.15	7.91	0.36	67940
Dec-19	62.61	4.00	2.01	21.61	6.99	6.02	0.50	46907
Jan-20	62.62	3.51	1.72	18.79	6.34	5.23	0.49	105945
Feb-20	63.12	3.22	1.88	9.44	7.96	5.10	0.59	89904
Mar-20	63.82	2.64	1.51	4.25	5.10	4.14	0.57	120314
CUMML	62.84	3.57	1.85	14.15	8.29	5.42	0.52	971413

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	62.72	3.63	2.17	5.99	40.82	5.80	0.60	259102
Nov-19	61.57	4.00	3.03	6.54	41.31	7.03	0.76	280234
Dec-19	62.01	3.51	2.85	8.57	39.00	6.36	0.81	380589
Jan-20	62.71	3.02	2.56	7.93	44.14	5.58	0.85	328138
Feb-20	62.73	2.75	2.57	6.93	44.63	5.33	0.93	326860
Mar-20	62.85	2.67	2.51	6.77	43.42	5.18	0.94	266807
CUMML	62.31	3.42	2.60	7.72	40.54	6.02	0.76	3640773

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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	4.70	50.33	6.31	0.39	212852
Oct-19	62.87	4.54	2.06	5.00	49.62	6.60	0.45	192172
Nov-19	61.76	4.97	2.46	4.68	51.59	7.43	0.49	208727
Dec-19	62.95	3.64	2.13	7.46	46.53	5.78	0.58	117251
Jan-20	62.91	3.29	1.87	9.03	44.60	5.15	0.57	215124
Feb-20	62.63	4.08	2.01	8.00	48.86	6.09	0.49	165699
Mar-20	63.23	3.39	1.68	7.22	45.45	5.08	0.50	245233
CUMML	62.77	3.80	2.16	5.92	47.61	5.96	0.57	2417238

बरसुआ

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.58	2.71	3.03	16.49	20.04	5.74	1.12	594000
APP 19-20	62.50	2.90	3.00	10.00	10.00	5.90	1.03	803000
Apr-19	62.63	2.36	3.00	16.36	16.33	5.36	1.27	18255
May-19	62.81	2.40	2.75	17.27	15.72	5.15	1.15	71254
Jun-19	62.92	2.42	2.54	21.48	18.28	4.96	1.05	91531
Jul-19	62.54	2.59	2.97	18.12	13.56	5.56	1.15	58598
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	37818
Nov-19	62.69	2.75	2.85	11.71	20.64	5.60	1.03	62153
Dec-19	62.40	2.71	3.22	9.23	20.67	5.93	1.19	73577
Jan-20	61.90	3.04	3.31	11.57	21.56	6.35	1.09	80169
Feb-20	61.92	2.97	3.56	12.00	22.10	6.53	1.20	97854
Mar-20	62.03	3.01	3.35	9.62	21.92	6.35	1.11	80621
CUMML	62.43	2.74	3.02	14.70	19.15	5.75	1.10	764040

बरसुआ

फार्डन्स

	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	58542
Jun-19	61.20	3.85	3.61	6.35	34.64	7.46	0.94	116781
Jul-19	60.72	4.17	3.99	6.10	34.90	8.16	0.96	71971
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	4.22	3.08	6.46	32.53	7.31	0.73	136172
Nov-19	61.91	3.51	2.94	6.93	39.07	6.45	0.84	92100
Dec-19	61.28	3.87	3.51	6.77	35.63	7.38	0.91	121201
Jan-20	60.77	4.09	3.90	7.82	42.49	7.99	0.95	86563
Feb-20	61.53	3.29	3.65	8.00	40.00	6.94	1.11	96604
Mar-20	61.40	3.50	3.50	8.30	40.80	7.00	1.00	107294
CUMML	61.27	3.85	3.49	6.87	36.26	7.35	0.91	1102998

तलडीह

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.43	2.44	2.23	9.97	16.87	4.68	0.91	180621
APP 19-20	62.50			5.00	10.00			332000
Apr-19	63.54	1.84	2.19	10.80	11.43	4.03	1.19	24261
May-19	62.98	2.36	2.70	12.41	15.94	5.06	1.14	27391
Jun-19	63.14	2.43	2.49	11.97	12.89	4.91	1.03	17089
Jul-19	63.15	2.00	2.44	10.70	10.40	4.44	1.22	27484
Aug-19	63.49	2.29	1.93	10.43	9.37	4.22	0.84	10603
Sep-19	63.05	2.71	2.13	10.77	10.02	4.84	0.79	43979
Oct-19	62.98	2.48	2.47	9.76	12.38	4.95	1.00	40996
Nov-19	62.99	2.22	2.97	9.76	12.38	5.19	1.33	39073
Dec-19	63.18	2.21	2.62	6.33	14.42	4.83	1.19	47905
Jan-20	63.20	2.40	2.30	7.30	14.40	4.70	0.96	61857
Feb-20	63.06	2.38	2.65	5.80	13.60	5.03	1.11	22464
Mar-20	63.10	2.50	2.50	5.30	13.30	5.00	1.00	24042
CUMML	63.13	2.34	2.47	8.99	12.81	4.81	1.06	387144

तलडीह

फार्डन्स

	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	42781
Aug-19	61.46	4.57	2.40			6.97	0.53	25981
Sep-19	61.82	3.90	2.62	5.90	33.86	6.52	0.67	47099
Oct-19	62.29	3.38	2.55	5.30	30.23	5.93	0.75	55804
Nov-19	62.42	2.89	2.76	5.30	30.23	5.64	0.95	81622
Dec-19	62.30	3.08	2.80	5.15	35.35	5.88	0.91	75939
Jan-20	62.80	2.50	2.60	7.00	39.00	5.10	1.04	90501
Feb-20	62.85	2.52	2.55	1.03	37.20	5.07	1.01	105607
Mar-20	62.80	2.50	2.60	7.00	38.50	5.10	1.04	19946
CUMML	62.35	3.09	2.66	4.92	34.79	5.75	0.86	605598

मनोहरपूर

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.65	2.23	2.02	15.03	11.12	4.24	0.90	406931
APP 19-20	63.00			10.00	10.00			375000
Apr-19	63.67	2.12	1.95	14.64	10.92	4.07	0.92	36849
May-19	63.71	1.94	2.14	14.25	11.51	4.08	1.11	29189
Jun-19	63.72	1.95	2.10	10.53	8.40	4.05	1.08	11963
Jul-19	63.62	2.13	2.05	12.41	10.32	4.18	0.96	47836
Aug-19	63.65	2.05	2.07	10.52	9.22	4.12	1.01	19836
Sep-19	63.58	2.36	2.05	17.13	14.63	4.41	0.87	17445
Oct-19	63.29	2.72	2.01	14.26	12.39	4.73	0.74	29988
Nov-19	63.25	2.40	2.27	12.00	10.06	4.67	0.95	26432
Dec-19	63.45	2.50	1.96	10.37	12.61	4.46	0.78	41944
Jan-20	63.71	2.11	2.12	11.16	9.33	4.23	1.00	39841
Feb-20	63.46	2.20	2.17	10.91	10.07	4.37	0.99	35504
Mar-20	63.34	2.49	2.10	11.67	10.19	4.59	0.84	38716
CUMML	63.53	2.26	2.08	12.37	10.81	4.34	0.92	375543

मनोहरपूर

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.95	2.74	2.44	5.18	32.72	5.18	0.89	338554
APP 19-20	63.00			5.00	40.00			375000
Apr-19	62.69	2.66	2.37	6.26	34.42	5.03	0.89	35806
May-19	62.97	2.42	2.46	7.37	37.99	4.89	1.02	37045
Jun-19	62.74	3.06	2.36	4.18	29.32	5.43	0.77	23826
Jul-19	62.40	3.20	2.40	5.00	38.00	5.60	0.75	6347
Aug-19	63.13	3.26	1.56	5.23	29.48	4.82	0.48	16508
Sep-19	62.96	2.90	1.97	6.73	36.32	4.87	0.68	36471
Oct-19	62.66	3.39	1.94	6.77	36.68	5.33	0.57	48649
Nov-19	62.75	2.92	2.38	7.36	36.23	5.30	0.81	38465
Dec-19	63.13	2.20	2.52	4.20	30.10	4.71	1.15	17414
Jan-20	63.10	2.30	2.30	6.80	37.80	4.60	1.00	29397
Feb-20	63.13	2.24	2.42	6.50	37.75	4.66	1.08	44414
Mar-20	63.10	2.30	2.40	7.00	39.50	4.70	1.04	14895
CUMML	62.90	2.73	2.25	6.41	35.70	4.98	0.82	349237

काल्टा

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.57	2.38	2.13	11.41	15.41	4.50	0.89	919599
APP 19-20	63.00	2.10	2.30	5.00	10.00	4.40	1.10	1229000
Apr-19	63.48	2.50	2.11	13.65	15.08	4.61	0.84	79514
May-19	63.36	2.21	2.59	16.00	15.70	4.80	1.17	76324
Jun-19	63.30	2.50	2.40	15.40	15.30	4.90	0.96	56938
Jul-19	63.22	2.76	2.30	17.15	13.77	5.06	0.83	91889
Aug-19	63.19	3.15	2.03	17.43	14.71	5.18	0.64	31995
Sep-19	61.80	4.80	2.30	12.00	24.50	7.10	0.48	7294
Oct-19	62.80	3.80	2.00	9.80	22.10	5.80	0.53	51002
Nov-19	63.00	2.70	2.60	8.60	19.70	5.30	0.96	86608
Dec-19	63.21	2.09	2.65	5.70	14.40	4.73	1.27	74295
Jan-20	62.95	2.54	2.57	6.06	16.42	5.12	1.01	87035
Feb-20	63.03	2.49	2.50	4.83	14.57	4.99	1.00	106255
Mar-20	63.10	2.50	2.40	5.20	13.60	4.90	0.96	96359
CUMML	63.14	2.61	2.41	10.19	15.82	5.02	0.92	845508

काल्टा

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.03	2.51	2.12	5.94	33.51	4.63	0.85	784000
APP 19-20	63.00	2.40	2.50	5.00	40.00	4.90	1.04	1071000
Apr-19	62.98	2.58	2.19	8.31	35.88	4.77	0.85	96577
May-19	62.92	2.39	2.44	7.95	37.65	4.84	1.02	107867
Jun-19	62.82	2.54	2.39	7.12	37.48	4.93	0.94	45255
Jul-19	62.83	2.60	2.36			4.96	0.91	30255
Aug-19	62.95	2.70	2.15			4.85	0.80	7725
Sep-19								
Oct-19	62.39	3.66	2.11	6.61	39.39	5.77	0.58	45639
Nov-19	62.61	2.84	2.51	5.96	34.64	5.35	0.89	82285
Dec-19	62.95	2.31	2.66	7.29	39.44	4.97	1.15	120583
Jan-20	62.79	3.08	2.57	5.17	38.93	5.65	0.84	133423
Feb-20								
Mar-20	62.77	2.80	2.39	5.20	36.43	5.19	0.85	155746
CUMML	62.81	2.72	2.44	6.55	37.46	5.16	0.89	825355

ग्रनावर्ता :: बोकारो

BLEND

लम्प

	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	2.29	20.71	16.80	4.78	0.92	242875
Jul-19	62.91	2.67	2.35	17.23	15.26	5.02	0.88	262767
Aug-19	63.06	2.68	2.18	18.86	14.53	4.86	0.81	178194
Sep-19	62.76	3.06	2.21	18.04	13.96	5.27	0.72	169730
Oct-19	62.59	3.37	2.23	16.04	16.88	5.60	0.66	181022
Nov-19	62.87	3.07	2.14	19.22	18.59	5.21	0.70	180093
Dec-19	62.94	3.15	2.04	18.24	18.30	5.19	0.65	190249
Jan-20	62.84	3.17	2.16	16.29	20.91	5.33	0.68	242819
Feb-20	62.90	2.97	2.18	16.68	19.38	5.15	0.73	240387
Mar-20	62.92	3.03	2.08	16.37	21.38	5.11	0.69	248566
CUMML	62.92	2.85	2.20	17.50	17.40	5.05	0.77	2597541

ग्रनावर्ता:: दूर्गापूर

BLEND

लम्प

	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	62.22	2.20	2.63	26.92	12.82	4.83	1.20	134680
Feb-20	62.71	1.62	2.34	22.16	13.86	3.96	1.44	100945
Mar-20	62.65	1.61	2.39	22.61	14.23	4.00	1.48	92495
CUMML	62.00	3.15	2.06	23.31	12.37	5.21	0.65	1384385

ग्रनावर्ता :: बोकारो

BLEND

फाईन्स

	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	61.61	3.83	3.00	6.66	34.75	6.84	0.78	397573
Jul-19	61.40	4.32	2.86	6.71	34.89	7.18	0.66	347698
Aug-19	61.63	4.27	2.63	7.08	33.45	6.90	0.62	333822
Sep-19	61.43	4.61	2.59	6.94	32.44	7.20	0.56	292804
Oct-19	61.35	4.76	2.61	6.68	32.55	7.37	0.55	332228
Nov-19	61.53	4.59	2.53	7.27	34.02	7.13	0.55	312080
Dec-19	61.39	4.54	2.80	6.50	34.22	7.34	0.62	265942
Jan-20	61.26	4.92	2.64	7.59	34.89	7.56	0.54	351442
Feb-20	61.49	4.69	2.50	6.79	37.31	7.19	0.53	278242
Mar-20	61.62	4.54	2.45	6.37	37.74	6.99	0.54	364654
CUMML	61.51	4.37	2.68	6.77	34.33	7.05	0.61	4074777

ग्रनावर्ता:: दूर्गापूर

BLEND

फाईन्स

	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	62.93	2.64	2.64	7.81	44.62	5.28	1.00	238745
Feb-20	62.79	2.48	2.70	6.95	44.48	5.18	1.09	233090
Mar-20	62.95	2.38	2.61	6.89	43.72	4.99	1.10	205725
CUMML	62.23	3.40	2.60	7.03	43.00	6.00	0.76	2630173

ગુણવત્તા :: રાઝકેલા

BLEND

લમ્પ

	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	216281
Aug-19	62.16	4.28	2.33	17.78	19.33	6.61	0.54	156730
Sep-19	62.04	4.78	1.98	17.13	21.67	6.76	0.41	142851
Oct-19	61.84	5.15	1.96	14.13	21.81	7.11	0.38	192354
Nov-19	62.73	2.77	2.79	8.64	17.47	5.56	1.01	212446
Dec-19	62.81	2.40	2.92	7.24	17.35	5.32	1.21	215090
Jan-20	62.64	2.79	2.69	8.06	16.77	5.48	0.96	226533
Feb-20	62.50	2.67	3.04	7.47	16.34	5.72	1.14	221492
Mar-20	62.65	2.71	2.82	6.90	16.88	5.53	1.04	204961
CUMML	62.58	3.21	2.63	12.70	18.53	5.83	0.82	2404817

ગુણવત્તા :: બર્નપુર ઇસ્પાત સંયંત્ર

BLEND

લમ્પ

	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	62.93	3.54	1.53	19.53	4.97	5.07	0.43	109020
Feb-20	63.48	3.08	1.60	10.72	5.87	4.68	0.52	101820
Mar-20	63.90	2.58	1.50	4.24	4.74	4.08	0.58	123060
CUMML	63.10	3.60	1.82	17.42	6.44	5.41	0.50	1107827

ગુણવત્તા :: રાઝકેલા

BLEND

ફાઈન્સ

	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	61.81	4.01	2.41			6.42	0.60	300135
Aug-19	61.25	5.06	2.20			7.27	0.44	243088
Sep-19	61.39	4.86	2.16			7.03	0.44	266724
Oct-19	61.04	5.55	2.07			7.62	0.37	347659
Nov-19	62.34	3.00	2.76			5.76	0.92	279966
Dec-19	62.33	2.77	2.97			5.74	1.07	311341
Jan-20	62.11	3.12	2.93			6.05	0.94	328749
Feb-20	62.44	2.73	2.91			5.64	1.06	356779
Mar-20	62.01	3.20	2.96			6.17	0.92	365733
CUMML	61.97	3.57	2.66			6.23	0.74	3866036

ગુણવત્તા :: બર્નપુર ઇસ્પાત સંયંત્ર

BLEND

ફાઈન્સ

	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	62.70	3.73	1.87	8.93	45.41	5.60	0.50	355500
Feb-20	62.55	4.05	2.03	7.88	47.72	6.08	0.50	275280
Mar-20	63.25	3.36	1.70	7.09	45.65	5.05	0.51	271899
CUMML	62.65	3.88	2.22	7.84	43.54	6.10	0.57	3127412

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	27.36	16.28	5.69	4.35	8.23
Feb-20	27.17	16.20	6.67	4.38	8.28
Mar-20	26.69	15.07	6.43	4.60	8.78
CUMML	26.97	16.69	5.79	5.02	8.18

	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	42.93	4.09	3.98	11.19	16.23
Feb-20	42.34	4.12	3.76	10.11	17.72
Mar-20	41.78	4.03	3.79	7.13	24.67
CUMML	42.96	3.93	3.64	10.22	17.95

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	33.75	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	27.19	18.89	8.07	23.60	8.00
Jul-19	28.76	18.35	7.30	27.03	9.87
Aug-19	27.63	18.59	7.19	22.40	23.70
Sep-19					
Oct-19	27.92	17.89	7.65	35.30	15.55
Nov-19					
Dec-19	29.05	18.36	7.03	31.40	4.30
Jan-20	28.95	18.59	6.61	35.00	7.00
Feb-20					
Mar-20	28.99	18.05	6.63	30.65	9.75
CUMML	28.48	18.26	7.20	29.99	11.53

	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	47.87	3.66	4.10	12.21	19.33
Feb-20	49.71	2.29	3.83	12.22	18.63
Mar-20	50.38	1.82	3.72	5.95	13.45
CUMML	49.85	2.16	3.87	9.05	18.42

KIRIBURU IRON ORE MINES

Equipment Performance Report

SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Mar-20	MAKE / TYPE	CAP	DATE OF COMMISSION	March-20										2019-2020														
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/H R	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	TONNAGE	FEED RATE	HSD IN LTR	HSD/ HR		
EXCAVATORS [4]																														
BE-18	23133	23133	BEML,BE-1000	4.5CU.M	31-Jul-08	600	600									7300	7300													
EX-20	24918	27411	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	600	125	292	475	183	79.2	30.5	38.5	4.93	69.40	7300	1158	3649	6142	2493	84.1	40.6	34.2	13450	1210500	5.40	166550	66.81		
EX-22	14347	18554	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	600	16	192	584	392	97.3	65.3	67.1	6.02	61.35	7300	193	2901	7108	4207	97.4	59.2	57.6	22987	2068830	5.46	264950	62.98		
EX-23	15098	19279	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	600	13	242	587	345	97.8	57.5	58.8	5.41	59.71	7300	270	2849	7030	4181	96.3	59.5	57.3	20952	1885680	5.01	254950	60.98		
						TOTAL	1800	154	726	1646	920	91.4	55.9	51.1	5.57	62.34	21900	1621	9399	20280	10881	92.6	53.7	49.7	57389	5165010	5.27	686450	63.09	
DUMPERS-85T&100T [4]																														
DUM-87	13614	13802	BEML,BH-85	85Te	30-Mar-08	600	600									-	-	6680	5881	611	799	188	12.0	23.5	2.8	825	63090	4.39	8260	43.94
DUM 88	29181	32004	KOMATSU HD785-7	100 Te	23-Jul-10	600	71	223	529	306	88.17	51.00	57.84	4.09	39.05	7300	2545	1932	4755	2823	65.1	59.4	38.7	9815	883350	3.48	113200	40.10		
DUM 89	34269	36420	KOMATSU HD785-7	100Te	23-Jul-10	600	56	251	544	293	90.67	48.83	53.86	4.06	37.03	7300	2800	2349	4500	2151	61.6	47.8	29.5	7917	712530	3.68	82550	38.38		
DUM-91	18341	19584	CAT 777D	100T	2-Feb-12	600	164	331	436	105	72.67	17.50	24.08	28.14	45.24	7300	1480	4578	5821	1243	79.7	21.4	17.0	8330	749670	6.70	57930	46.60		
DUM-92	20471	21991	CAT 777D	100T	2-Feb-12	600	600								-	-	7300	2455	3326	4846	1520	66.4	31.4	20.8	6234	561060	4.10	61790	40.65	
DUM-93	8194	10379	BEML BH-100	100T	2-May-15	600	400	65	200	135	33.33	22.50	67.50	2.98	25.19	7300	2974	2141	4326	2185	59.3	50.5	29.9	7330	659700	3.35	98980	45.30		
DUM-94	6521	9498	BEML BH-100	100T	2-May-15	600	64	325	536	211	89.33	35.17	39.37	4.29	50.95	7300	1398	2925	5902	2977	80.8	50.4	40.8	10578	952020	3.55	137085	46.05		
DUM-95	5381	7350	BEML BH-100S	100T	May 2016	600	34	378	566	188	94.33	31.33	33.22	4.35	42.29	7300	1177	4154	6123	1969	83.9	32.2	27.0	8879	799110	4.51	89695	45.55		
						TOTAL	4200	1389	1573	2811	1238	66.93	44.04	29.48	6.08	40.11	51100	14828	21404	36272	14868	71.0	41.0	29.1	59083	5317440	3.97	641230	43.13	
DRILL [4]																														
DM-17	22677	23260	IR-ROTACOL-IDM-30	160mm	24-Mar-05	480	480								-	-	5840	3322	1936	2519	583	43.1	23.1	10.0	4940		8.48	18750	32.19	
DM-18	25867	27113	AC-ROTACOL-IDM-30	160mm	19-May-08	480	140	167	340	174	70.83	36.15	51.03		22.48	5840	2262	2333	3578	1246	61.3	34.8	21.3	9561		7.68	33910	27.23		
DM-19	18828	18828	AC-ROTACOL-IDM-30	160mm	14-Oct-09	480	480									5840	5840													
DM-20	10441	12516	AC-ROTACOL-IDM-30	160mm	Oct '14	480	122	166	358	193	74.58	40.10	53.77		21.82	5840	1230	2536	4611	2075	78.9	45.0	35.5	17210		8.30	56480	27.23		
						TOTAL	1920	1222	332	698	366	36.35	52.44	19.06		22.13	23360	12653	6805	10707	3903	45.8	36.4	16.7	31711		8.13	109140	27.97	
DOZER [6]																														
DOZ-29	18180	18180	BEML, D-355	410HP	11-Jun-04	480	480								-	-	5840	5344	496	496		8.5								
DOZ-30	21843	21866	BEML, D-355	410HP	8-Jul-07	480	480								-	-	5840	5316	501	524	23	9.0	4.4	0.4				1250	54.35	
DOZ-31	19778	20482	BEML, D-355	410 HP	19-Feb-09	480	480								-	-	5840	2709	2427	3131	705	53.6	22.5	12.1				22900	32.51	
DOZ-32	6614	7480	BEML, D-355	410 HP	17-Apr-15	480	373	72	107	35	22.3</																			

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Mar-20	MAKE / TYPE	CAPACITY	DATE OF COMM	March-20												2019-2020												
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	TRIP	TON	F/RATE	HSD IN LTR	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	TRIP	F/RATE	HSD/ HR	
EXCAVATORS 4.5 CUM. [1]																														
BE-11	36959	37624	BEML	4.5 CUM	30-09-2005	744	336	347	408	61.5	55	8	15.1	196.0		3	1400.0	23	8784	6338	1782	2446	665	27.8	27.2	7.6	504	0.8	24	
EXCAVATORS 9.5 CUM. [3]																														
PC-14	31444	35497	KOMATSU	9.5 CUM	20-01-2012	744	166	246	579	333	77.8	44.8	57.6	5780	520200	17.4	27700	83	8784	1848	2884	6937	4053	79.0	58.4	46.1	33332	8.2	85	
PC-17	16137	20150	KOMATSU	9.5 CUM	24-07-2015	744	236	212	509	297	68.3	39.9	58.4	4828	434520	16.3	24650	83	8784	2142	2629	6642	4013	75.6	60.4	45.7	32981	8.2	85	
PC-18	29267	32213	KOMATSU	9.5 CUM	11-07-2016	744	444	177	301	124	40.4	16.7	41.3	2056	185040	16.6	10250	83	8784	2771	3067	6013	2946	68.5	49.0	33.5	24453	8.3	86	
						TOTAL	2232	845	634	1388	754	62.2	33.8	54.3	12664	1139760	16.8	62600	83	26352	6761	8580	19592	11012	74.3	56.2	41.8	90765	8.2	85
DUMPER,50 TE [2]																														
D - 49	28071	28294	BEML	50 TON	05-03-2007	744	321	331	423	93	56.9	12.4	21.9	48	2160	0.5	2100	23	8784	7482	1079	1302	223	14.8	17.1	2.5	121	0.5	23	
D - 50	23971	23971	BEML	50 TON	15-04-2007	744	724	20	20		2.7						-		8784	8764	20	20		0.2				-	-	
						TOTAL	1488	1045	351	443	93	29.8	6.2	20.9	48	2160	0.5	2100	23	17568	16246	1099	1322	223	7.5	16.9	1.3	121	0.5	23
DUMPER,100 TE [7]																														
D - 51	29346	33446	KOMATSU	100 TON	01-09-2010	744	209	189	535	346	71.9	46.5	64.7	1434	129060	4.1	11350	33	8784	2507	2177	6277	4100	71.5	65.3	46.7	16552	4.0	36	
D - 52	30670	34385	KOMATSU	100 TON	01-09-2010	744	169	235	576	341	77.4	45.8	59.3	1594	143460	4.7	11950	35	8784	2843	2227	5942	3715	67.6	62.5	42.3	15491	4.2	37	
D - 53	29377	33339	KOMATSU	100 TON	01-09-2010	744	407	180	338	158	45.4	21.2	46.8	851	76590	5.4	5450	34	8784	2665	2157	6119	3962	69.7	64.7	45.1	15926	4.0	37	
D - 54	15343	16657	CATER	100 TON	06-02-2012	744	102	437	643	206	86.4	27.7	32.1	987	88830	4.8	7100	34	8784	4199	3272	4586	1314	52.2	28.7	15.0	5743	4.4	38	
D - 55	17913	19883	CATER	100 TON	06-02-2012	744	140	482	604	122	81.2	16.4	20.2	532	47880	4.4	4300	35	8784	1583	5232	7202	1970	82.0	27.4	22.4	7618	3.9	41	
D - 56	7648	10205	BEML	100 TON	09-05-2016	744	91	540	654	114	87.8	15.3	17.4	430	38700	3.8	3750	33	8784	2725	3503	6060	2557	69.0	42.2	29.1	9895	3.9	40	
D - 57	7846	9831	BEML	100 TON	09-05-2016	744	97	529	647	118	87.0	15.9	18.2	602	54180	5.1	4200	36	8784	2581	4219	6204	1985	70.6	32.0	22.6	7296	3.7	41	
						TOTAL	5208	1213	2590	3995	1405	76.7	27.0	35.2	6430	485820	4.6	40150	29	61488	19101	22785	42388	19603	68.9	46.2	31.9	78521	4.0	38
DRILL [4]																														
DM - 7	24127	25649	IR	6 " DIA	01-04-2005	372.00	60.50	85	312	226.50	84	60.9	72.7	877		3.9	7800	34	4392	1738	1132	2655	1523	60.4	57.4	34.7	6459	4.2	34	
DM - 8	21406	23744	IR	6 " DIA	05-05-2008	372.00	87.00	68	285	217.50	77	58.5	76.3	2051		9.4	7600	35	4392	1008	1047	3385	2338	77.1	69.1	53.2	20677	8.8	34	
DM - 9	19933	21887	IR	6 " DIA	16-09-2009	372.00	115.00	137	257	120.00	69	32.3	46.7	1180		9.8	4250	35	4392	1215	1223	3178	1955	72.3	61.5	44.5	19401	9.9	34	
DM - 10	12394	14805	IR	6 " DIA	06-11-2014	372.00	144.00	95	228	133.00	61	35.8	58.3	1640		12.3	4700	35	4392	1053	929	3340	2411	76.0	72.2	54.9	25931	10.8	34	

BOLANI ORE MINES

Equipment Performance Report

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SAIL-RMD

PROJ. NO.	UTILS. UPTO Mar-20	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	March-20													2019-2020													
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	TONNAGE	FEED RATE	HSD IN LTR	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	TONNAGE	FEED RATE	HSD IN LTR	HSD/HR	
EXCAVATORS [6]																															
EX-25	33617	BEML PC-1000(D)	4.5 CuM	21-Jun-04	Survey off on 1st July-19													Survey off on 1st July-19													
EX-26	31751	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744	83	603	661	58	88.8	8.8	7.8	341	34100	5.88	1551	26.7	8784	1278	6758	7507	749	85.46	9.97	8.52	1920	79180	2.57	27719	37.03	
				SUB TOTAL	744	83	603	661	58	88.8	8.8	7.8	341	34100	5.88	1551	26.7	8784	1278	6758	7507	749	85.46	9.97	8.52	1920	79180	2.57	27719	37.03	
EX-28	15893	BE-1600	7.5 Cu.m	22-Jun-10	744	728		16	16	2.2	100.0	2.2				69	4.3	8784	7176	1374	1608	234	18.30	14.52	2.66	302	29561	1.29	12514	53.59	
EX-29	28531	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	25	382	719	337	96.6	46.9	45.3	1766	176600	5.24	22186	65.8	8784	955	4804	7829	3025	89.13	38.64	34.44	14482	1340373	4.79	230079	76.06	
EX-30	18511	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	74	518	670	152	90.1	22.7	20.4	665	66500	4.38	7631	50.2	8784	858	4443	7926	3483	90.23	43.94	39.65	18833	1587892	5.41	263531	75.66	
EX-31	17165	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	132	276	612	336	82.3	54.9	45.2	2347	234700	6.99	24422	72.7	8784	602	4381	8182	3802	93.15	46.46	43.28	21725	1862941	5.71	286263	75.30	
				SUB TOTAL	2976	959	1176	2017	841	67.8	41.7	28.3	4778	477800	5.68	54308	64.6	35136	9590	15002	25546	10543	72.70	41.27	30.01	55342	4820767	5.25	792387	75.15	
				TOTAL	3720	1042	1779	2678	899	72.0	33.6	24.2	5119	511900	5.69	55859	62.1	43920	10868	21760	33052	11292	75.26	34.16	25.71	57262	4899947	5.07	820106	72.63	
DUMPER,50																															
HP-30	17659	C.I.773D(I)	50 T	01-Mar-06	744	744										-		-	8784	8728	56	56		0.64							
HP-32	24216	BEML BH-50M	50 T	06-Mar-08	744	108	577	636	59	85.5	9.3	7.9	341		5.78	958	16.2	8784	1796	6270	6989	719	79.56	10.29	8.19	1433	20730	1.99	11562	16.08	
				TOTAL	1488	852	577	636	59	42.7	9.3	4.0	341		6	958	16.2	17568	10524	6326	7045	719	40.10	10.21	4.09	1433	20730	1.99	11562	16.08	
DUMPER,10																															
HP-32A	31203	KOMATSU HD785-7	100 T	22-Jun-10	744	173	274	571	297	76.7	52.0	39.9	1055	105500	3.55	11410	38.4	8784	6501	906	2283	1377	25.99	60.33	15.68	4925	452288	3.58	50340	36.55	
HP-34	28704	KOMATSU HD785-7	100 T	22-Jun-10	744	330	229	414	185	55.6	44.7	24.9	655	65500	3.54	6116	33.1	8784	5028	1631	3756	2125	42.76	56.58	24.19	7580	667700	3.57	82158	38.66	
HP-35	16980	BEMIL BH-100	100 T	22-Jun-10	744	114	587	630	43	84.7	6.8	5.8	137	13700	3.19	1907	44.3	8784	2994	4652	5790	1139	65.92	19.67	12.96	3012	255189	2.65	32613	28.64	
HP-36	12315	BEMIL BH-100	100 T	22-Jun-10	744	736		8	8	1.1	100.0	1.1						8784	5205	3022	3580	558	40.75	15.58	6.35	1342	130557	2.41	11763	21.09	
HP-37	22120	CAT 777D	100 T	25-Jan-12	744	736		8	8	1.1	100.0	1.1						8784	3681	2590	5103	2513	58.09	49.25	28.61	8664	816890	3.45	82174	32.70	
HP-38	12532	BEML BH-100S	100 T	03-May-16	744	163	344	581	237	78.1	40.8	31.9	870	87000	3.67	7782	32.8	8784	1464	3694	7320	3626	83.33	49.53	41.27	12394	1051951	3.42	128414	35.42	
HP-39	11763	BEML BH-100S	100 T	03-May-16	744	146	289	598	309	80.4	51.7	41.5	1138	113800	3.68	11599	37.5	8784	2561	3074	6223	3150	70.85	50.61	35.86	11313	954902	3.59	118021	37.47	
HP-40	10743	BEML BH-100S	100 T	03-May-16	744	125	404	619	215	83.2	34.7	28.9	655	65500	3.05	7246	33.7	8784	5644	1837	3140	1303	35.74	41.49	14.83	4230	327468	3.25	50823	39.01	
				TOTAL	5952	2523	2127	3429	1302	57.6	38.0	21.9	4510	451000	3.46	46060	35.4	70272	33078	21404	37194	15790	52.93	42.45	22.47	53460	4656945	3.39	556306	35.23	
DRILL [4]																															
DM-11	18411	AC-ROTACOL-IDM-30	160mm	14-Feb-08	496	97	286	399	113	80.4	28.3	22.8	1224		10.83	3337	29.5	5856	2065	2539	3791	1253	64.74	33.04	21.39	14464			11.55	45196	36.08

BARSUA IRON MINES

PERFORMANCE REPORT OF HEMM

Equipment Performance Report

SAIL-RMD

EQUIPMENTS	CUMM. UTILIS. UPTO MAR'18	UTILIS. UPTO Mar'19	UTILIS. UPTO Feb-20	MAKE / TYPE	CAPACITY	DATE OF COMMISSION	March-20										2019-2020										
							SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD/H R	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD /HR	
EXCAVATORS[4]																											
D-12A	18054	18064	18064	BE 1000(D)	4.5 CuM	27-Apr-08	744	744							-	-	8704	8704									
D-12	8962	10821	11566	BE 1600	7.5 CuM	16-Feb-11	744	744							-	-	8704	6920	1039	1784	745	20.5	41.8	8.6	3.9	57.7	
D-14	21558	25243	29506	KOMATSU	9.5 CuM	06-Apr-12	744	106	326	638	312	85.8	48.9	41.9	4.4	76.0	8704	1322	3119	7382	4263	84.8	57.7	49.0	5.2	89.4	
D-15	14778	19415	22411	KOMATSU	9.5 CuM	31-Aug-15	744	53	433	691	258	92.9	37.3	34.7	3.6	84.1	8704	2728	2980	5976	2996	68.7	50.1	34.4	4.3	76.7	
D-16			2015	LIEBHERR	9.5 CuM	30-Sep-19	744	127	197	617	420	82.9	68.1	56.5	4.5	97.9	4312	733	1564	3579	2015	83.0	56.3	46.7	4.4	85.7	
							TOTAL	2976	1030	956	1946	990	65.4	50.9	33.3	2.3	87.4	30424	11703	8702	18721	10019	61.5	53.5	32.9	4.7	82.5
DUMPER,50 TE[3]																											
R/D-85	18553	18557	18561	BEML-BH-50M	50 Te	Mar- 08	744	744							-	-	7984	7965	15	19	4	0.2	21.1	0.1		50.0	
R/D-86	19837	20058	20060	BEML-BH-50M	50Te	Sep-08	744	744							-	-	7984	7965	17	19	2	0.2	10.5	0.0		166.5	
R/D-87	17432	17443	17443	BEML-BH-50M	50Te	Dec-08	744	744							-	-	7984	7984									
							TOTAL	2232	2232									23952	23914	32	38	6	0.2	15.8	0.0		88.8
DUMPER,100 TE[6]																											
R/D-88	23036	23684	25235	KOMAT.HD785-7	100 T	10-Sep-10	744	200	86	544	458	73.1	84.2	61.6	2.7	53.3	8704	6787	366	1917	1551	22.0	80.9	17.8	2.8	50.4	
R/D-89	22440	28005	33006	KOMAT.HD785-7	100 T	10-Sep-10	744	63	117	681	564	91.5	82.8	75.8	2.2	50.5	8704	2443	1260	6261	5001	71.9	79.9	57.5	2.4	51.4	
R/D-90	16377	18166	22079	CAT 777D	100 T	25-Jan-12	744	64	453	680	227	91.4	33.4	30.5	2.8	51.5	8704	2910	1881	5794	3913	66.6	67.5	45.0	2.6	49.3	
R/D-91	11978	15754	18738	CAT 777D	100 T	25-Jan-12	744	340	233	404	171	54.3	42.3	23.0	2.5	56.6	8704	4080	1640	4624	2984	53.1	64.5	34.3	2.5	51.4	
R/D-92	8102	11283	12846	BEML- BH 100	100 T	27-May-15	744	675	49	69	20	9.3	29.0	2.7	1.0	25.0	8704	6393	748	2311	1563	26.6	67.6	18.0	3.2	58.2	
R/D-93	5764	10157	12892	BEML - BH 100	100 T	10-Jun-15	744	173	300	571	271	76.7	47.5	36.4	2.3	58.0	8704	4359	1610	4345	2735	49.9	62.9	31.4	2.7	58.8	
							TOTAL	4464	1515	1238	2949	1711	66.1	58.0	38.3	2.5	52.9	52224	26972	7505	25252	17747	48.4	70.3	34.0	2.6	52.6
DRILL[4]																											
DM-10	15144	16316	18002	IR-ROTACOL-IDM-30	160mm	Feb- 04	496	98	263	398	135	80.2	33.9	27.2		19.1	5824	2338	1800	3486	1686	59.9	48.4	28.9	14.5	33.5	
DM-12A	7312	8475	9411	AC-ROTACOL-IDM-30	160mm	Sep-08	496	496							-	-	5824	3940	948	1884	936	32.3	49.7	16.1	12.1	44.5	
DM-14	13582	14244	14949	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	496	88	264	408	144	82.3	35.3	29.0			5824	3890	1229	1934	705	33.2	36.5	12.1	13.5	34.3	
DM-15	5161	6836	7406	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	496	210	224	286	62	57.7	21.7	12.5		79.7	5824	4462	792	1362	570	23.4	41.9	9.8	15.4	42.0	
							TOTAL	1984	892	751	1092	341	55.0	31.2	17.2		41.4	23296	14630	4769	8666	3897	37.2	45.0	16.7	13.9	37.5
DOZER[6]																											
DOZ-21	16302	17420	17577	BEML D-355	410 HP	May- 03	496	138	201	358	157	72.2	43.9	31.7		10.2	7000	6634	209	366	157	5.2	42.9	2.2		10.2	
DOZ-22	16083	16129	19187	BEML D-355	410 HP	Feb-04	744	154	229	590	361	79.3	61.2	48.5		15.6	7248	2495	1695	4753	3058	65.6	64.3	42.2		28.3	
DOZ-23	13925	15463	17307	BEML D-355	410 HP	May-08	496	401	76	95	19	19.2	20.0	3.8		67.4	7232	4134	1254	3098	1844	42.8	59.5	25.5		34.9	
DOZ-24	9776	13701	14323	BEML D-355	410 HP	Sep-08	744	624	55	120	65	16.1	54.2	8.7		10.8	7158	5667	869	1491	622	20.8	41.7	8.7		31.3	
DOZ-25	8202	8831	11327	BEML D-355	410 HP	25-Apr-14	688	475	65	213	148	31.0	69.5	21.5			7184	2201	2487	4983	2496	69.4	50.1	34.7		28.2	
DOZ-26	5331	8631	11049	BEML D-355	410 HP	08-Sept-17	744	568	131	176	45	23.7	25.6	6.0		120.0	6768	1741	2609	5027	2418	74.3	48.1	35.7		34.5	
							TOTAL	3912	2360	757	1552	795	39.7	51.2	20.3		18.4	42590	22872	9123	19718	10595	46.3	53.7	24.9		30.7
PAY LOADER[2]																											
PL-7	9693	12758	12770	L&T KOMATI. WA-470-U	260 HP	21-Jan-09	744	744							-	-	8704	8647	45	57	12	0.7	21.1	0.1		16.7	
PL-8	4769	4769	5007	Hyundai-hl770-7A	280 HP	01-Jun-10	744	744							-	-	8704	8152	314	552	238	6.3	43.1	2.7		13.6	
							TOTAL	1488	1488									17408	16799	359	609	250	3.5	41.1	1.4		13.8
Back Hoe [2]																											
BACK HOE-02	6763	7965	9767	BEMLBE-300LC	1.2 CU.M	May-09	744	324	65	420	355	56.5	84.5	47.7		16.2	8704	5877	1025	2827	1802	32.5	63.7	20.7		15.6	
BACK HOE-03	4384	6545	BEMLBE-300LC	1.25 CU.M		25-Sep-13	744	744							-	-	8704	5723	821	2981	2161	34.2	72.5	24.8		14.3	
							TOTAL	1488	1068	65	420	355	28.2	84.5	23.9		16.2	17408	11600	1846	5808	3963	33.4	68.2	22.8		14.9
Water Sprinkler [2]																											
WT-5	14289	15126	15872	WS-28	28 KL	May-05	496	52	389	444	55	89.5	12.4	11.1		11.8	6312	2918	2648	3394	74						

EQUIPMENT AVAILABILITY & UTILISATION
Mar-20

		KIRIBURU				MEGHAHATUBURU				BOLANI				BARSUA				GUA				UNIT IN %	
		NORM		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		
DRILL	150 mm	70	70	36	52	46	36	73	47	71	66	77	33	75	34	56	25	59	20	61	34	38	45
SHOVEL	HYD(D) ≤4.5 m ³	70	75					55	8	28	27	89	9	85	10	52	33	66	29				
	HYD(D) >4.5 m ³	85	80	91	56	93	54	62	34	74	56	68	42	73	41	60	29	31	31	65	51	62	54
DUMPER	85/ 60 tn	65	75			12	24									82	72	81	68				
	50 tn	70	80					30	6	8	17	43	9	40	10	86	12	71	15		0	16	
	100 tn	85	80	67	44	71	41	77	27	69	46	58	38	53	42	45	15	52	12	66	58	48	70
DOZER		70	70	19	54	47	35	51	11	56	32	76	27	60	26	36	20	52	17	40	58	46	54
CRUSHING PLANT		85	85					89	65	88	73	55	49	86	53								
SCREENING PLANT		85	85					89	68	85	73	93	53	90	65								
OHP		85	85	86	66	87	74	94	72	88	74					99	52	96	48	92	82	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	1833402	238708	2072110	338472	31327142	79170	3628320	296130	1250100	49192	0.06	0.42	6.05	15.95
Apr-19	153128	23205	176333	31340	2212440	1050	264510	40050	144360	28000	0.07	0.41	4.93	2.47
May-19	158046	26608	184654	29170	2272880	3780	260010	45000	187560	21192	0.06	0.40	4.61	8.14
Jun-19	160862	57595	218457	34315	2151160	10920	330630	30000	157950	0	0.07	0.44	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	145032	25150	170182	29925	2570178	5460	274230	23580	72360	0	0.08	0.48	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	35015	2803828	5250	301860	0	126090	0	0.08	0.38	6.55	12.27
Jan-20	153190	5725	158915	27430	3357751	5250	293940	50400	70920	0	0.07	0.42	8.09	13.91
Feb-20	141755	16590	158345	24683	2960279	9660	286740	39600	59580	0	0.06	0.45	7.67	27.12
Mar-20	140392	15135	155527	23919	2863528	5670	331470	34920	95130	0	0.05	0.36	6.20	13.02

Meghahatuburu

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.13	0.45	4.15	25
2015-16	2225132	166400	2391532	519270	19481640	115697	3737160	0	1716350	896600	0.08	0.43	3.57	20.70
2016-17	2572886	44085	2616971	515440	17964960	126531	3711060	162000	2828750	234000	0.07	0.39	2.68	19.06
2017-18	2625542	51700	2677242	653081	18582360	119195	3784340	183000	2938950	1026000	0.08	0.38	2.69	16.97
2018-19	2575594	100790	2676384	572008	18050111	117281	3697950	172500	2645300	300000	0.08	0.41	2.77	18.15
2019-20	2481781	133520	2615301	605115	17857680	125253	3816200	34900	3243170	352114	0.08	0.37	2.52	17.50
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	33921	0.09	0.38	2.99	23.91
Oct-19	211370	14630	226000	42379	1469400	13818	327510	0	269910	38974	0.07	0.37	2.46	22.76
Nov-19	212030	2470	214500	49301	1482720	7364	316890	0	275310	41557	0.08	0.36	2.50	12.22
Dec-19	176530	4470	181000	52485	1513320	10276	227520	0	330480	52907	0.09	0.32	2.71	17.99
Jan-20	200810	5190	206000	55702	1763760	11872	352530	0	284220	38654	0.08	0.32	2.77	18.37
Feb-20	197420	8580	206000	63270	1541760	7028	323100	0	277020	82103	0.09	0.34	2.57	11.32
Mar-20	182590	2910	185500	50245	1439160	9646	300670	11900	266130	43752	0.08	0.32	2.49	16.61

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	2448841	1005417	20580240	143470	4231140	1714956	1647120	724266	0.12	0.38	2.71	22.11
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
Jan-20	211221	89717	1794480	19036	259200	174474	281600	151003	0.10	0.34	2.51	30.60
Feb-20	206735	97885	1712160	13230	345800	201860	161300	58272	0.13	0.36	2.42	23.12
Mar-20	188285	99001	1557600	7756	240000	156032	237800	66813	0.14	0.35	2.46	14.54

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	2729087	34535	2763622	400233	18260687	102046	3694740	0	610365	87500	0.09	0.64	4.24	23.58
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	4333	0.13	0.69	5.24	34.32
Aug-19	232010	1400	233410	30070	1565881	10542	322830	0	55800	31715	0.07	0.60	4.14	27.27
Sep-19	230503	4200	234703	30297	1373454	8414	286830	0	30420	46606	0.08	0.71	4.33	25.58
Oct-19	203141	6200	209341	25265	1477310	9128	289080	0	36795	4846	0.08	0.64	4.53	27.91
Nov-19	214584	2000	216584	33480	1444716	6762	341920	0	32130	0	0.09	0.58	3.86	18.08
Dec-19	191813	3000	194813	28162	1583172	7994	231400	0	93060	0	0.09	0.60	4.88	24.64
Jan-20	224145	0	224145	32105	1697378	9856	332600	0	74700	0	0.08	0.55	4.17	24.20
Feb-20	247321	0	247321	38135	1479355	5572	335600	0	44100	0	0.10	0.65	3.90	14.67
Mar-20	266150	0	266150	34538	1476505	9044	364500	0	50040	0	0.08	0.64	3.56	21.82

Consumption of Key Consumables in 2019-20

Brasua -Taldih

Item	HSD			Expl	Power	Lubricant	BARSUA ROM	TALDIH ROM	BARSUA OB				TALDIH OB				EXPL	HSD	POWER	LUB
	(in Liter)			(in kg)	(in KWH)	(in Liter)			DEPTT	CONT	DEPTT	CONT	DEPT	CONT						
NORM	MINES	DGSET	TOTAL																	
2015-16	1230145	6660	1236805	265250	15780840	47362	0	0	2384140	0	0	0	0.11	0.52	6.62	19.87				
2016-17	934836	0	934836	188625	15520680	46730	0	173700	1804950	0	294165	0	0.10	0.45	7.84	22.26				
2017-18	386285	0	386285	95062	13554044	11893	0	1052111	85675	0	206145	0	0.07	1.32	11.91	40.75				
2018-19	1569967	86653	1656620	161280	11762332	31131	1951980	469148	385666	0	65340	0	0.06	0.63	4.89	12.96				
2019-20	1398696	237480	1636176	264736	14801934	45360	1797862	1262832	563335	0	0	231647	0.07	0.69	6.27	19.21				
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	74811	58675	0	0	12978	0.07	0.60	2.99	17.25				
Jul-19	111284	13715	124999	21376	1337317	5880	158842	103413	51180	0	0	13356	0.07	0.60	6.37	28.00				
Aug-19	120817	23835	144652	18508	1215477	4830	135788	47652	51565	0	0	15516	0.07	0.77	6.49	25.78				
Sep-19	119179	44230	163409	16375	1097237	2100	116906	108322	48235	0	0	19090	0.06	0.99	6.64	12.72				
Oct-19	113884	39000	152884	15750	1124317	4200	144171	136330	55050	0	0	980	0.05	0.77	5.64	21.08				
Nov-19	132767	20960	153727	36150	1433757	4410	173268	192677	44325	0	0	19565	0.08	0.71	6.59	20.27				
Dec-19	132589	21860	154449	28630	1204797	4410	170962	185835	41150	0	0	34058	0.07	0.73	5.68	20.79				
Jan-20	121361	25630	146991	25818	1519757	2730	160256	157547	56485	0	0	6433	0.07	0.68	7.01	12.60				
Feb-20	122360	31140	153500	25967	1391197	4410	192019	120709	36930	0	0	40950	0.07	0.67	6.08	19.26				
Mar-20	134453	11360	145813	15800	1456997	3360	202751	36482	42920	0	0	68496	0.05	0.59	5.93	13.68				

	Kalta					Explosive Kg/T Excav	Manoharpur					Taldih			D Area & Panposh			
	HSD	Expl	Power	Lubricant	Excavation		HSD	Expl	Power	Lubricant	Excavation	Explosive Kg/T Excav	Expl	Excavation	Explosive Kg/T Excav	Expl	Excavation	Explosive Kg/T Excav
	(in Liter)	(in kg)	(in KWH)	(in Liter)	(T)		(in Liter)	(in kg)	(in KWH)	(in Liter)	(T)	(in kg)	(in kg)	(T)	(in kg)	(T)	(in kg)	(T)
2017-18	59801	147425	1468000	420	1524560	0.10	112989	69000	1717011	784	44830	1.54	89700	1258255	0.07		3158815	0.00
2018-19	52204	149850	1328188	0	1717832	0.09	83138	88300	2255330	2293	733489	0.12	35925	534488	0.07	256875	2665550	0.10
2019-20	51501	172450	1092780	510	2363856	0.07	65841	69225	1523616	523	745691	0.09	104725	1494479	0.07	230475	2358226	0.10
Apr-19	4590	12400	82780	510	228031	0.05	6627	5825	122945	11	92799	0.06	8650	45841	0.19	18528	264821	0.07
May-19	3985	7875	86460	0	212959	0.04	6260	4800	138078	24	62702	0.08	6850	53438	0.13	11674	197957	0.06
Jun-19	7580	13550	54420	0	180931	0.07	8394	6600	131659	12	37068	0.18	8500	87789	0.10	21057	197045	0.11
Jul-19	7543	12025	52640	0	89383	0.13	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	50700	0.13	4128	4800	150540	26	46629	0.10	12025	127412	0.09		127581	0.00
Oct-19	3025	12825	66640	0	134900	0.10	7409	5400	131601	61	69265	0.08	10300	137310	0.08	3785	114453	0.03
Nov-19	3620	14600	117020	0	243880	0.06	5503	8200	122115	69	74933	0.11	14300	212242	0.07	29016	216865	0.13
Dec-19	3340	23825	114420	0	285600	0.08	3840	8000	139017	60	57495	0.14	8700	219893	0.04	28927	237074	0.12
Jan-20	3990	22500	129100	0	337000	0.07	4097	10500	174652	49	66800.6	0.16	11775	163980	0.07	33104	248501	0.13
Feb-20	3950	21225	110660	0	324772	0.07	0	0	0	0	75424.97	0.00	4000	161659	0.02	37614	260132	0.14
Mar-20	3290	24925	99360	0	248000	0.10	5558	6700	132979	6	49490	0.14	4575	104978	0.04	33754	222845	0.15

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

Status as on March'2020

MINE	GRANTED ON	VALID UPTO	AREA (in ha)	RENEWAL APPL.DATE	FOREST CLEARANCE (FC)	ENVIRONMENTAL CLEARANCE (EC)
KBR-MBR						
Lease-I	28.03.60	31.03.20	1936.06	17.02.09	<p>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 but kept pending du to Carrying capacity study by ministry. After approval of MPSM on 08.06.2018, MoEFCC, ND requested GoJ on 26.06.2018 to provide some informations related to CA, Lease validity etc. In compliance to the asked information of Ministry, report submitted to DFO on 19.07.2018/31.07.2018 and final recommendation has been forwarded to MoEFCC, GoI on 08.11.2018 but same has been returned back to the Govt. of Jharkhand on 18.03.2019 . 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 f & query sought by DFO, Saranda against the report which was submitted on 23.11.2019 & again DFO, Saranda on 28.11.2019 requested CF, Jamshedpur to provide the compartment no. and its area under Lease-I and 247.5 ha. The letter was submitted to the office of CF, Jamshedpur on 29.11.2019 . Clarification forwarded to CF by DFO on 04.12.19 & forwarded to Nodal office on 13.12.19. Again, CA scheme of Gumla Division was revised on 11.01.2020 and revised demand letter issued by DFO, Saranda on 25.01.2020. The demand letter was uploaded in MoEFCC portal on 27.01.2020 and further uploaded the CA schemes after the direction of the office of PCCF (Nodal), GoJ, on 29.01.2020. After scrutiny, PCCF (Nodal) rejected the CA schemes on 10.02.2020 on the ground that sufficient provision for protection of man-days has not been considered in CA schemes prepared by respective DFOs. The revision of CA schemes maters has been pursued at Khunti & Gumla Division and revised CA schemes were prepared by DFO, Khunti & DFO, Gumla which was forwarded to DFO, Saranda on 19.02.2020 & 20.02.2020 respectively. Thereafter, DFO, Saranda has revised the differential CA demand and asked SAIL to pay an amount of Rs. 6.2 Crore on 28.02.2020. Payment of Rs. 6.2 crores was made by SAIL on 05.03.2020 and intimated DFO, Saranda on 06.03.2020. DFO, Saranda vide letter dated 16.03.2020 which was forwarded to RCCF, Jamshedpur The compliance report was forwarded by RCCF, Jamshedpur to PCCF (Nodal) on 17.03.2020.</p> <p>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</p>	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.
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 March'2020
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 27.03.2020 & Valid upto 31.03.2021.
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 appoved 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 schemens 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. Consent to Establish (CTE) for production of 15000 TPA Mn Ore was extended by OSPCB upto 20.12.2023 on 22.05.2019. CTO for 15000 TPA Mn ore mining was renewed by OSPCB on 27.03.2020 for validity up to 31.03.2021. CTO for Railway Siding of Bolani Ores Mines mines was renewed by OSPCB on 27.03.2020 for validity up to 31.03.2021.

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL									
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)			Status as on March'2020	
					ON	UPTO (in ha)	APPL.DATE	ENVIRONMENT CLEARANCE (EC)	
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, State Govt. forwarded the proposal to MoEFCC, New Delhi on 30.07.2015/23.09.2015 for grant of Stage-II FC but kept pending for carrying capacity study by Ministry. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 03.07.2018 requested GoJ to provide some informations. The desired informations were submitted to forest department on 19.07.2018 & forwarded to MoEFCC, GoJ on 19.11.2018 but same has been returned back to the Govt. of Jharkhand on 28.02.2019 seeking for some clarification especially the acceptance of earlier identified CA land. After approval of CA scheme by concerned DFOs, forwarded to DFO, Saranda for necessary demand. Thereafter, demand has been raised by DFO, Saranda on 17.08.2019 but not done due to uncertainty in online system of forest department. After processing the proposal at CF & RCCF Office, the complete information was forwarded to PCCF (Nodal), GoJ on 22.08.2019 and further to Addl. Chief Secretary (Dept. of F, E & CC), GoJ on 25.08.2019. Proposal for grant of Stage-II FC has been forwarded to MOEFC, New Delhi on 01.10.2019. Again, additional information sought by MoEFCC on 15.11.2019. The revised kml files & geo-referenced map has been prepared & submitted to DFO, Saranda in different period of time by Jan'2020 for further analysis of the report. After verification, the submitted maps & plans are forwarded to DFO, Saranda by the concerned DFO's. Simultaneously, the compliance of the query sought by MoEFCC vide letter dated 15.11.2019 has been forwarded to CCF, Chaibasa by DFO, Saranda vide letter dated 24.02.2020 and thereafter, CCF, Chaibasa forwarded the compliance report to RCCF, Jamshedpur on 28.02.2020. The report submitted to PCCF (Nodal), GoJ office on 02.03.2020. The office of PCCF (Nodal), GoJ observed certain discrepancies in CA schemes and raised EDS on 17.03.2020.	EC granted by MoEF on 25.03.2013. CTO for 12.5 MTPA renewed by JSPCB on 26.12.2016 for the period 01.01.2017 to 31.12.2020.			
Government of Jharkhand has extended the mining lease period of Duarguiburu Lease of Gua Ore Mines up to 21.02.2029 vide order dated 25.06.2019. The lease deed executed on 24.09.2019 and registration done on 30.09.2019.									
Jhilingburu - I	12.05.50	11.05.80	210.526	25.04.09 (2nd RML)	Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land identification is under progress.	ToR for conduing EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEF&CC on 13.11.17sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018 which is under compliance.			
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,&CC Dept.), GoJ to DCF (Central), MoEFCC, Ranchi on 16.01.2018 for further necessary action. MoEF&CC, RO, Ranchi vide letter dated 27.02.2019 requested PCCF (Nodal), GoJ to provide certain information in view of the approval of MPSM. The point-wise information was submitted to DFO,Saranda vide letter dated 02.04.2019. After examination of information, DFO,Saranda vide letter dated 27.04.2019 has sought certain clarifications from SAIL which were replied on 22.05.2019. Geo-referenced map, topo sheet map & kml/shape files were prepared and submitted to DFO, Porahat, which was forwarded to the office of DFO, Saranda. Vide letter dated 20.03.2020, DFO, Saranda was requested to forward the compliance of the query raised by MoEFCC, RO, Ranchi.	EC has been granted by Jharkhand SEIAA, Ranchi on 10.12.2018 for production of 20820 TPA Manganese ore.			
	Lease period has been extended upto 11.05.2020 by Govt of Jharkhand on 30.10.2019 & lease deed executed on 17.01.2020 & registration done on 22.01.2020.								
Topailore	09.03.70	31.03.20	14.15	04.03.99	Stage-I FC for 14.15 ha of forest land was granted by MoEF on 30.08.13. Stage-II FC (final approval) has been accorded by Ministry on 04.10.2019.	EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015.			
Lease period has been extended upto 08.03.2040 by Govt of Jharkhand on 23.10.2019 & lease deed executed on 17.01.2020 & registration done on 22.01.2020									

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL						
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)	Status as on March'2020 ENVIRONMENT CLEARANCE (EC)
					ON UPTO (in ha)	
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) 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&CC vide letter no - J-11015/505/ 2007-IA.II (M) dated 31.03.2011 for enhancement of production capacity to 2.8 MTPA.
Sukri - Latur	22.03.49	21.03.79	609.554	11.03.08 (2nd RML)		EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA.
Dhobil	08.03.48	07.03.38	513.036	06.03.97 (2nd RML)	Forestry clearance is deemed to be exist upto 2038.	EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 24.01.2012 and amended dated 01.05.12 for production capacity to 0.75 MTPA. The amendment of EC for continuation of ore transportation by road for 5 more years beyond June, 2017 was granted on 19.04.17. Consent to Operate for 0.75 MTPA has been renewed by JSPCB on 09.03.2018 for the period up to 31.03.2022. CTO for Manoharpur siding for dispatch of 2.5 lakhs T/month of iron ore was granted by JSPCB on 08.12.16 for period upto 30.06.2021.
Tatiburu	01.09.49	31.08.79	38.85	24.08.08 (2nd RML)	Virgin & Non-working lease.No FC	No EC
Ankua	14.06.82	31.03.20	67.178	18.06.11 (2nd RML)	Virgin & Non-working lease.No FC	No EC
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 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 for ML-130 lease of Barsua-Taldih-Kalta mines (8.05 MTPA) was renewed by OSPCB on 27.03.2020 for validity up to 30.03.2021. CTO for Barsua Railway Siding was renewed by OSPCB on 30.03.2020 for validity up to 31.03.2021. CTO for Roxy Railway Siding of Kalta Iron Mine was renewed by OSPCB on 30.03.2020 for validity up to 31.03.2024.
ML No.-162	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	FORESTRY CLEARANCE (FC)	ENVIRON. CLEARANCE (EC)
	ON	UPTO	(in ha)	APPL.DATE		
BHAWANATHPUR						
GORGON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgon, Ghagra & Saraiya leases has been approved by SAIL-Board on 30.05.2017. Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval. Vide letters dated 15.10.18, the reply to the IBM query was submitted on 18.10.18.SAIL official met IBM official, Ranchi on 31.01.19 & 01.02.19 for approval of FMCP wherein IBM directed to submit the Geological Report of three leases for further processing of FMCP's. Geological Reports of three leases were submitted to IBM on 25.02.19 for grant of FMCP. IBM, Ranchi approved the FMCP's for Gorgon on 08.05.19 and Ghagra & Saraiya leases on 09.05.19. A request letter was submitted to DC, Garhwa through DMO, Garhwa on 15.05.2019 for surrender of Bhawanathpur leases as per Rule 21 (1) of MCR, 2016. Also, another request letter was submitted to Secy (Mines & Geo) on 23.05.2019 for final surrender of Bhawanathpur leases. The completion of approved job related to closure plan is under process.	
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)		
SARAIYA	31.03.66	31.03.20	275	01.03.07 (3rd RML)		
PURNAPANI	06.01.80	31.03.20	230.525	30.12.98	No forest land involved	Non-working lease. No EC
GHATITANGAR	29.04.80	28.04.00	153.51	16.04.99	Writ petitions were heard at different dates by the Hon'ble High Court of Orissa which was finally heard on 06.08.2019. The Hon'ble High Court has disposed of the two writ petitions filed by SAIL and asked to makes a representation to State Govt. for redressal of its grievances.	Non-working lease. No EC
KUTESHWAR						
LEFT BANK LEASE	15.05.82	14.05.22	91.14	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/450/2012-IA.II(M) dated 17.08.2015. CTE for 0.06 MTPA production granted on 10.04.2016. CTO renewed by MPPCB on 02.09.2019 with validity up to 31.07.2021.
RIGHT BANK LEASE	10.06.71	09.06.21	944.89	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/449/2012-IA.II(M) dated 02.09.2015.CTE granted on 31.12.2015 for 2.32 MTPA expansion. CTO for 2.32 MTPA expansion granted by MPPCB with validity upto 31.01.2020. CTO renewed by MPPCB on 24.12.2019 with validity up to 31.01.2021.
TULSIDAMAR	30.10.69	31.03.20	118.72	20.10.08 (2nd RML)	Stage-II FC for 101.32 ha under the lease was granted on 18.12.1997. DFO, Garhwa informed SAIL-BNP Mines vide its letter dated 25.03.19 that the validity of FC is co-terminus with lease period i.e. upto 31.03.2020 and further directed to submit the online FC renewal application. FC renewal application (FORM-B) was submitted online in MoEFCC portal on 29.03.19. Thereafter, clarification asked on 16.04.2019 which was replied on 01.06.2019 in online. Also, a clarification has been sought from PCCF & HoFF, GoJ by SAIL on 03.05.19, regarding extension of period of validity of FC granted under Section 2(ii) of FC Act, 1980 for the lease.	EC was granted on 24.03.1995 as per EIA notification 1994. CTO for 25000 TPM (Dolomite) capacity has been renewed by JSPCB on 28.03.17 for the period upto 31.03.2020. CTO for Rly Siding for 25,000 TPA Dolomite and 60,000 TPA Limestone renewed by JSPCB upto 30.06.2020. In compliance to MoEFCC Office memorandum dated 06.04.2018, Tor application under EIA Notification, 2006 has been submitted in Ministry's portal on 31.08.2018.EAC meeting held on 23.01.2019 wherein committee members did not consider the EC granted to mine in 1995. MoEF&CC vide letter dated 19.03.2019 returned the EC proposal and informed that project proponent had not taken EC under the provisions of EIA Notification, 2006 at the time of renewal of mining lease due in 2009. Further, MoEFCC vide separate letters dated 19.03.2019 informed Secretary (Dept. of Mines & Geo), GoJ and Secretary (Dept. of F, E & CC), GoJ for taking further necessary action. In order to avoid any coercive action on account of directions issued by MoEFCC vide letter dtd 19.03.2019 to Jharkhand State Government, Writ Petitions have been filed in Jharkhand High Court on 18.05.2019. Matter is pending at Court.

RMD MANPOWER POSITION AS ON 01.04.2020

	Executives	Non-Executives	Total
A. Ore Mines			
Kiriburu	86	537	623
Meghatuburu	66	494	560
Bolani	89	469	558
Barsua	64	276	340
Kalta	14	58	72
Gua	58	477	535
Chiria	15	55	70
A. Total	392	2366	2758
B. Flux Mines			
Purnapani	0	5	5
Kuteshwar	24	68	92
BNP & TDMR	10	50	60
B. Total	34	123	157
C. Offices			
Kolkata	72	31	103
Rourkela	11	16	27
Bokaro	1	3	4
Durgapur	0	4	4
Delhi	4	2	6
Bhubaneswar	2	2	4
Ranchi	1	2	3
Burnpur	0	1	1
MT	20		20
C. Total	111	61	172
Grand Total (A+B+C)	537	2550	3087
Manpower as on 01.03.2020	535	2562	3097
Reduction(-)/Increase(+)	2	-12	-10

ACCIDENT STATISTICS OF RMD MINES

	FATAL						SERIOUS						REPORTABLE						MANDAYS LOST								
	Mar-20			FY 2019-20			Mar-20			FY 2019-20			Mar-20			FY 2019-20			Mar-20			FY 2019-20					
	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T			
Kiriburu																								103		103	
Meghatuburu																								12		12	
Bolani													1	1									25	57	66	123	
Barsua													1	1										58	58		
Taldih																											
Kalta																											
Gua																			2	2				100		100	
Manoharpur																			1	1				45		45	
Kuteshwar																											
Tulsidamar																											
RMD Total													2	2					4	4			25	25	317	124	441

PRODUCTION PERFORMANCE

March 2020

हॉट मेटल

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Mar 2019	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	411	361	88	382	-5	4700	4086	87	4208	-3
दूर्गापूर	235	193	82	219	-12	2640	2403	91	2516	-4
रातरकेला	335	309	92	345	-10	4012	3613	90	3837	-6
बर्नपूर	240	219	91	233	-6	2685	2500	93	2200	14
पूर्वी इस्पात संयंत्र	1221	1082	89	1179	-8	14037	12602	90	12762	-1
भिलाई	584	404	69	466	-13	6467	4818	74	4752	1
TOTAL	1805	1486	82	1645	-10	20504	17419	85	17514	-1

सिन्तर

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Mar 2019	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	558	472	85	514	-8	6000	5681	95	5870	-3
दूर्गापूर	304	275	91	315	-13	3400	3299	97	3374	-2
रातरकेला	545	534	98	549	-3	6500	6014	93	6310	-5
बर्नपूर	347	323	93	336	-4	3904	3731	96	3314	13
पूर्वी इस्पात संयंत्र	1754	1605	92	1714	-6	19804	18726	95	18868	-1
भिलाई	860	602	70	677	-11	9400	7254	77	6918	5
TOTAL	2614	2207	84	2390	-8	29204	25980	89	25786	1

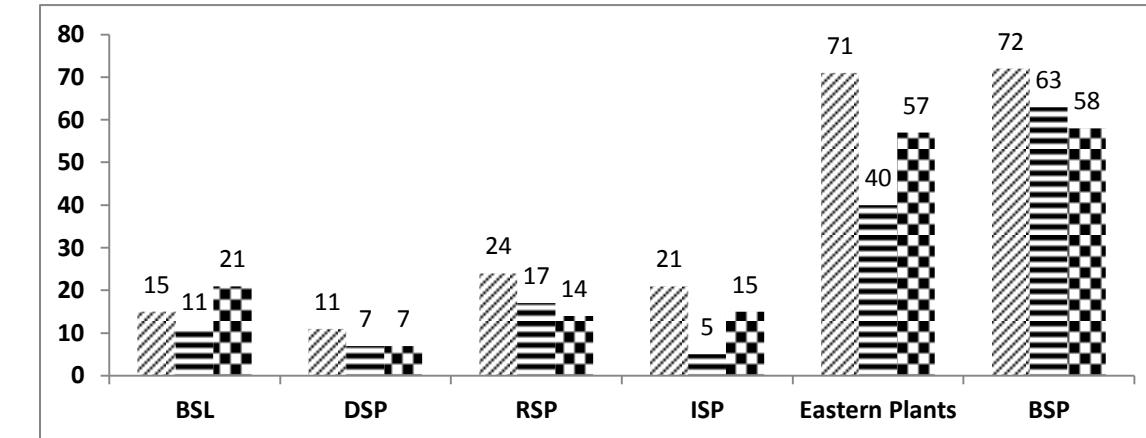
IRON ORE STOCK INVENTORY BEHAVIOUR

March 2020

IRON ORE LUMP

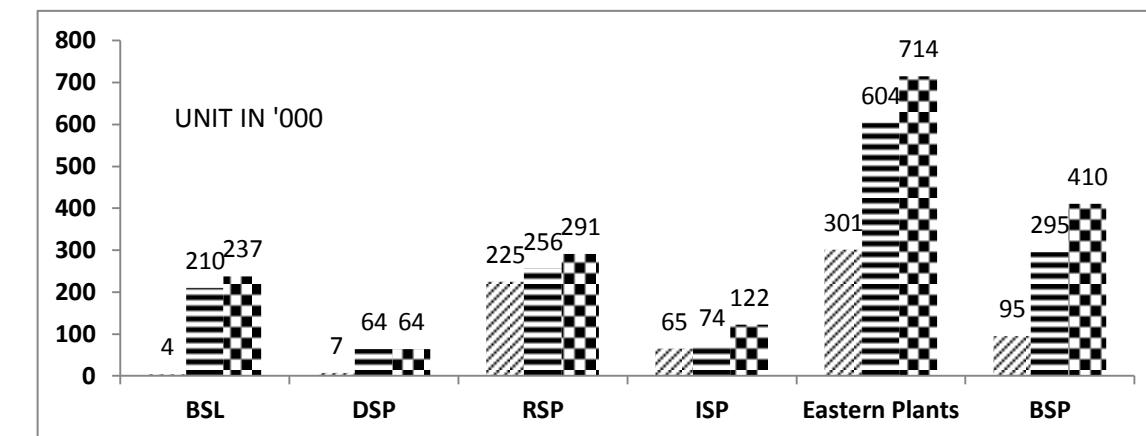
UNIT: '000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.03.2020	MTH	CUM	MTH	CUM	01.04.2020	MTH	YR
BSL	15	11	249	2603	235	2578	21	10	6
DSP	11	7	92	1386	94	1389	7	0	-4
RSP	24	17	205	2422	158	1911	14	-3	-10
ISP	21	5	123	1126	109	1077	15	10	-6
Eastern Plants	71	40	669	7537	596	6955	57	17	-14
BSP	72	63			283	3179	58	-5	-14
TOT	143	103	669	7537	879	10134	115	12	28



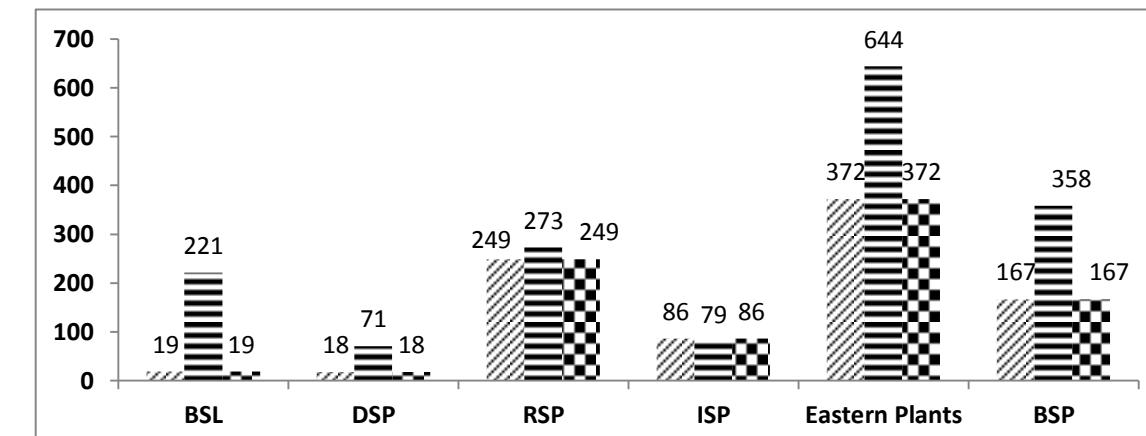
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.03.2020	MTH	CUM	MTH	CUM	01.04.2020	MTH	YR
BSL	4	210	365	4093	346	4124	237	27	233
DSP	7	64	206	2630	203	2572	64	0	57
RSP	225	256	366	3887	385	4236	291	35	66
ISP	65	74	325	3214	283	3408	122	48	57
Eastern Plants	301	604	1261	13824	1217	14340	714	110	413
BSP	95	295	<u>105</u>	<u>1050</u>	429	5019	410	115	315
TOT	396	899	1366	14874	1646	19359	1124	225	728



IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.03.2020	MTH	CUM	MTH	CUM	01.04.2020	MTH	YR
BSL	19	221	613	6696	581	6702	258	37	239
DSP	18	71	298	4016	297	3961	71	0	53
RSP	249	273	571	6309	543	6147	305	32	56
ISP	86	79	448	4341	392	4485	137	58	51
Eastern Plants	372	644	1930	21362	1813	21295	771	127	399
BSP	167	358	<u>105</u>	<u>1050</u>	712	8198	468	110	301
TOT	539	1002	2035	22411	2525	29493	1239	237	700



* BSP RECEIPT FROM RMD MINES

PRODUCTION PERFORMANCE

March 2020

हॉट मेटल

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Mar 2019	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	411	361	88	382	-5	4700	4086	87	4208	-3
दूर्गापूर	235	193	82	219	-12	2640	2403	91	2516	-4
रातरकेला	335	309	92	345	-10	4012	3613	90	3837	-6
बर्नपूर	240	219	91	233	-6	2685	2500	93	2200	14
पूर्वी इस्पात संयंत्र	1221	1082	89	1179	-8	14037	12602	90	12762	-1
भिलाई	584	404	69	466	-13	6467	4818	74	4752	1
TOTAL	1805	1486	82	1645	-10	20504	17419	85	17514	-1

सिन्तर

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Mar 2019	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	558	472	85	514	-8	6000	5681	95	5870	-3
दूर्गापूर	304	275	91	315	-13	3400	3299	97	3374	-2
रातरकेला	545	534	98	549	-3	6500	6014	93	6310	-5
बर्नपूर	347	323	93	336	-4	3904	3731	96	3314	13
पूर्वी इस्पात संयंत्र	1754	1605	92	1714	-6	19804	18726	95	18868	-1
भिलाई	860	602	70	677	-11	9400	7254	77	6918	5
TOTAL	2614	2207	84	2390	-8	29204	25980	89	25786	1

IRON ORE RECEIPTS FOR THE MONTH OF March 2020

FIGS IN '000 T

Lump Receipt											
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	65	111	31	3					39		249
DSP			89				3				92
RSP	7			77	24	96					205
ISP			6				117				123
BSP											
TOT	72	111	126	81	24	96	120		39		669

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	133	153	38			41					365
DSP			202				4				206
RSP	68	61		107	20	95			15		366
ISP		56	27				242				325
BSP	86					19					105
TOT	286	270	267	107	20	156	245		15		1366

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	198	264	69	3		41			39		613
DSP			292				7				298
RSP	75	61		185	44	192			15		571
ISP		56	33				359				448
BSP	86					19					105
TOT	358	380	393	188	44	252	366		54		2035

IRON ORE RECEIPTS TILL THE MONTH OF March 2020

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	397	741	500	388	190	42	39		307		2603
DSP		3	1153	8			222				1386
RSP	635	352		368	197	804			65		2422
ISP	15		398				710		3		1126
BSP											
TOT	1048	1095	2050	764	387	846	971		376		7537

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1359	1182	485	629	135	120	96		86		4093
DSP		190	2059				381				2630
RSP	971	983		474	471	721	11		257		3887
ISP	34	508	1096				1573		3		3214
BSP	573					117	357		3		1050
TOT	2937	2863	3641	1103	606	958	2417		349		14874

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1757	1923	985	1018	325	161	135		393		6696
DSP		193	3212	8			603				4016
RSP	1606	1335		842	668	1525	11		323		6309
ISP	49	508	1494				2283		7		4341
BSP	573					117	357		3		1050
TOT	3985	3959	5691	1867	993	1803	3389		725		22411

BASE FREIGHT IN RS PER TONNE FOR TRAIN LOAD

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
IRON ORE	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
165 CLASS-170 CLASS	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
KRBU(N/B) (FOS)	371	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	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
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	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
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	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
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