

May-2019



PPC
RMD KOLKATA

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Performance Highlights

May-2019

Production:

- RMD mines achieved 19.71 lakh te (87% of APP) with a growth of 6.6% wrt CPLY
- Bolani, Kalta and RMD Mines in total have achieved best ever in any month of May.
- Kuteshwar- best ever ROM feed into Departmental Crusher 94,204Te

(last highest-91,652 Te in Mar-19)
- Kuteshwar Limestone Mines has achieved best ever in any month of May (1. 06Lakh T).

Despatch:

- Best ever Monthly Despatch: 19.41 Lakh Te (86% of APP) with a growth of 16.7% wrt CPLY
(Previous best-18.92 Lakh T in April'19)
- Best ever Rakes loaded in a month: 555 (Previous best was 541 rakes in April-19)
- Best ever Fines despatch in a month by Kalta Iron Mines: 1,07,990 Te(Previous best was 99,732 Te in April-19)
- Bolani, Kalta, Gua and RMD Mines in total have achieved best ever in any month of May.
- Kuteshwar Limestone Mines has achieved best ever in any month of May-19.



By Royal Charter

Certificate of Registration

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM - ISO 45001:2018

This is to certify that:

Meghahatuburu Iron Ore Mines
Steel Authority of India Ltd.
Raw Materials Division (RMD)
Post: Meghahatuburu
District: Paschim Singhbhum 833 223
Jharkhand
India

Holds Certificate No:

OHS 704800

and operates an Occupational Health and Safety Management System which complies with the requirements of ISO 45001:2018 for the following scope:

The Mining, Processing, Loading and Dispatch of Iron Ore.

For and on behalf of BSI:

Chris Cheung, Head of Compliance & Risk - Asia Pacific



Original Registration Date: 2019-04-21
Latest Revision Date: 2019-04-21

Effective Date: 2019-04-21
Expiry Date: 2022-04-20

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A Member of the BSI Group of Companies.

Gua & Meghahatuburu Iron Ore Mines Certified with OHSMS- ISO 45001:2018 in May-19



By Royal Charter

Certificate of Registration

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM - ISO 45001:2018

This is to certify that:

Gua Ore Mines
Raw Materials Division
Steel Authority Of India Limited
P.O. Gua
Dist. West Singhbhum 833 213
Jharkhand
India

Holds Certificate No:

OHS 707039

and operates an Occupational Health and Safety Management System which complies with the requirements of ISO 45001:2018 for the following scope:

The Mining, Processing and Dispatch of Iron Ore.

For and on behalf of BSI:

Chris Cheung, Head of Compliance & Risk - Asia Pacific



Original Registration Date: 2019-05-06
Latest Revision Date: 2019-05-06

Effective Date: 2019-05-06
Expiry Date: 2022-05-05

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Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

Gua Ore Mines
Raw Materials Division
Steel Authority Of India Limited
P.O. Gua
Dist. West Singhbhum 833 213
Jharkhand
India

Holds Certificate No:

FM 707034

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

The Mining, Processing and Dispatch of Iron Ore.



By Royal Charter

For and on behalf of BSI:

Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2019-05-06
Latest Revision Date: 2019-05-06

Effective Date: 2019-05-06
Expiry Date: 2022-05-05

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A Member of the BSI Group of Companies.



Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

Gua Ore Mines
Raw Materials Division
Steel Authority Of India Limited
P.O. Gua
Dist. West Singhbhum 833 213
Jharkhand
India

Holds Certificate No:

EMS 707035

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

The Mining, Processing and Dispatch of Iron Ore.

For and on behalf of BSI:

Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2019-05-06
Latest Revision Date: 2019-05-06

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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

Gua Iron Ore Mines Certified with QMS ISO 9001:2015 & EMS ISO 14001:2015 in May-19

Rake Despatch Performance

Unit: Nos of Rake

MINES	FOR THE MONTH OF - May- 19					19-20 TILL THE MONTH OF May- 19				
	CBT	ACT	%FF	May- 18	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
KIRIBURU	120	99	83	87	14	240	203	85	171	19
MEGHATUBURU	120	101	84	85	19	240	209	87	177	18
BOLANI	155	144	93	135	7	310	269	87	261	3
BARSUA	45	36	80	8	350	90	59	66	8	638
TALDIH	20	13	65	19	-32	40	27	68	39	-31
KALTA	50	50	100	39	28	100	100	100	84	19
GUA	100	94	94	88	7	200	188	94	185	2
CHIRIA	20	18	90	19	-5	40	41	103	24	71
RMD TOTAL	630	555	88	480	16	1260	1096	87	949	15

PLANTS	COMM	FOR THE MONTH OF - May- 19					19-20 TILL THE MONTH OF May- 19				
		CBT	ACT	%FF	May- 18	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
BSL	LUMP		71.5		50.6	41		134.5	0.0	98.6	36
	FINES		101.5		94.4	8		223.5	0.0	167.4	34
	TOTAL	195	173.0	89	145.0	19	390	358.0	92	266.0	35
DSP	LUMP		28.6		38.9	-26		61.0	0	71.9	-15
	FINES		67.4		70.1	-4		125.0	0	144.1	-13
	TOTAL	105	96.0	91	109.0	-12	210	186.0	89	216.0	-14
RSP	LUMP		65.0		53.0	23		121.0	0	103.0	17
	FINES		108.0		85.0	27		212.0	0	166.0	28
	TOTAL	165	173.0	105	138.0	25	330	333.0	101	269.0	24
ISP	LUMP		23.5		25.3	-7		51.6	0	57.3	-10
	FINES		63.5		60.7	5		119.4	0	136.7	-13
	TOTAL	135	87.0	64	86.0	1	270	171.0	63	194.0	-12
BSP	LUMP				0			0		0	
	FINES		26.0		2.0	1200		48.0	0	4.0	1100
	TOTAL	30	26.0	87	2.0	1200	60	48.0	80	4.0	1100
SAIL TOTAL	LUMP		188.6		167.8	12	0	368.1	0	330.8	11
	FINES		366.4		312.2	17		727.9		618.2	18
	TOTAL	630	555.0	88	480.0	16	1260	1096.0	87	949.0	15

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

May 2019

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2019-20	TGT	ACT	%FF	LAST YR		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	1150	105	80	76.6	83	-3.4	210	177	84.1	157	12.4	
	F	3350	315	225	71.3	282	-20.4	630	433	68.7	486	-10.9	
	T	4500	420	305	72.6	365	-16.5	840	610	72.6	643	-5.2	66
MEGHAHATUBURU 5000	L	875	80	73	91.2	86	-15.3	155	153	98.9	169	-9.1	
	F	2625	235	263	111.8	217	20.8	460	494	107	435	13.5	
	T	3500	315	336	106.6	304	10.5	615	647	105	604	7.2	78
BOLANI 6500	L	2586	245	215	87.9	184	16.9	480	451	93.9	278	62.0	
	F	3914	370	379	102.5	277	37.1	730	700	95.8	494	41.7	
	T	6500	615	595	96.7	461	29.0	1210	1150	95.1	772	49.0	106
BARSUA 2500	L	803	70	90	128.8	23	286.4	125	92	73.3	23	292.6	
	F	1697	155	90	58.0	66	37.0	265	91	34.3	66	38.5	
	T	2500	225	180	80.0	89	102.5	390	182	46.8	89	105.2	44
TALDIH 1000	L	332	28	27	97.3	36	-23.9	55	50	91.4	75	-33.1	
	F	618	52	21	41.1	36	-40.4	103	44	42.7	66	-33.1	
	T	950	80	49	60.8	72	-32.1	158	94	59.6	141	-33.1	57
KALTA 2500	L	1229	105	69	65.5	75	-8.1	210	139	66.2	154	-9.7	
	F	1071	95	83	87.1	72	15.1	185	166	89.6	160	3.4	
	T	2300	200	152	75.8	147	3.3	395	305	77.2	314	-3.0	73
GUA 4000	L	1130	100	86	86.3	94	-8.5	195	173	88.6	187	-7.7	
	F	2870	250	207	82.7	247	-16.2	495	411	83	495	-17.0	
	T	4000	350	293	83.7	341	-14.1	690	584	84.6	682	-14.4	88
MANOHARPUR 750	L	375	32	26	80.7	44	-41.7	63	67	106	63	6.1	
	F	375	32	36	111.8	26	38.5	63	79	125	26	205.0	
	T	750	64	62	96.3	70	-12.2	126	146	116	89	63.9	53
TOTAL 27750	L	8480	765	667	87.2	626	6.5	1493	1301	87.1	1107	17.6	
	F	16520	1504	1303	86.6	1222	6.6	2931	2417	82.5	2228	8.5	
	T	25000	2269	1970	86.8	1849	6.6	4424	3718	84	3334	11.5	80

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

May 2019

UNIT 000 TONNES

DESPATCHES

MINE	COMM.	PLAN	FOR THE MONTH				GRTH % OVER LSTYR May 2018	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON				
		2019-20	TGT	ACT	%FF	LAST YR May 2018		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END		
													YEAR BEGN.	MTH BEGN.	MTH END		
KIRIBURU	L	1150	100	84	84.2	87	-2.9	205	181	88.4	170	6.5	15	8	13		
	F	3350	320	276	86.3	225	23.0	640	557	87	444	25.5	1064	1021	940		
	T	4500	420	360	85.8	311	15.7	845	738	87.4	614	20.3	1079	1029	953		
MEGHAHATUBURU	L	875	74	70	94.1	91	-23.1	134	185	138	215	-13.8	97	52	62		
	F	2625	236	301	127.5	221	36.0	472	595	126	430	38.5	501	410	365		
	T	3500	310	371	119.5	312	18.8	606	780	129	645	21.1	598	462	427		
BOLANI	L	2586	245	219	89.3	143	52.7	480	379	78.9	265	42.9	127	198	185		
	F	3914	370	295	79.7	321	-8.3	720	553	76.7	636	-13.2	1617	1673	1755		
	T	6500	615	514	83.5	465	10.5	1200	931	77.6	901	3.3	1744	1871	1940		
BARSUA	L	803	70	67	96.3	11	511.3	125	86	68.5	11	676.9	19	17	22		
	F	1697	155	53	33.9	13	292.7	265	114	42.9	13	747.4	284	221	258		
	T	2500	225	120	53.3	24	391.4	390	199	51.1	24	715.6	303	238	280		
TALDIH	L	332	28	24	85.0	29	-17.3	55	48	86.7	71	-32.5	17	14	22		
	F	618	52	20	37.8	34	-41.7	103	45	43.3	58	-22.5	27	16	15		
	T	950	80	43	54.4	63	-30.4	158	92	58.4	128	-28.0	44	30	37		
KALTA	L	1229	105	71	67.6	72	-1.5	210	155	73.7	145	6.9	35	26	24		
	F	1071	95	108	113.7	67	60.8	185	208	112	156	33.2	53	25			
	T	2300	200	179	89.5	139	28.6	395	363	91.8	301	20.6	88	51	24		
GUA	L	1130	100	80	80.3	105	-23.7	195	174	89.2	215	-19.2	26	27	25		
	F	2870	250	207	82.6	173	19.3	495	410	82.8	380	7.7	141	149	164		
	T	4000	350	287	82.0	278	3.1	690	584	84.6	596	-2.0	167	176	189		
MANOHARPUR	L	375	20	34	171.5	49	-29.4	51	72	141	67	7.0	9	6	9		
	F	375	32	33	103.4	22	50.1	63	74	117	22	235.1	3				
	T	750	52	67	129.6	71	-4.6	114	146	128	89	63.5	3	15	9		
TOTAL	L	8480	742	649	87.5	586	10.8	1455	1279	87.9	1159	10.4	336	351	353		
	F	16520	1510	1292	85.6	1077	20.0	2943	2555	86.8	2139	19.4	3690	3521	3506		
	T	25000	2252	1941	86.2	1663	16.7	4398	3834	87.2	3298	16.2	4026	3872	3859		

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

May 2019

UNIT 000 TE

DEVELOPMENT										
	FOR MONTH			LAST YR May 2018	GRTH %	TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF			TGT	ACT	%FF		
KIRIBURU	310	209	67	99	110	540	381	71	236	61
MEGHAHATUBURU	390	252	65	364	-31	760	503	66	644	-22
BOLANI	370	107	29	229	-53	740	290	39	614	-53
BARSUA	100	77	77	20	275	200	77	38	23	236
TALDIH	78			22	-100	148	0	0	45	-100
KALTA										
GUA	320	81	25	230	-65	440	125	28	421	-70
MANOHARPUR		1					10			
TOTAL	1568	726	46	964	-25	2828	1386	49	1984	-30.1

ROM										
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KIRIBURU	420	305	73	365	-17	840	610	73	643	-5
MEGHAHATUBURU	315	348	111	297	17	615	679	110	597	14
BOLANI	615	571	93	468	22	1210	1119	92	776	44
BARSUA	245	180	73	89	102	430	182	42	89	105
TALDIH	80	53	67	90	-40	158	99	63	188	-47
KALTA	200	159	80	144	11	395	336	85	285	18
GUA	350	293	84	341	-14	690	584	85	682	-14
MANOHARPUR	64	62	96	70	-12	126	146	116	89	64
TOTAL	2289	1971	86	1865	6	4464	3754	84	3350	12

TOTAL EXCAVATION										
------------------	--	--	--	--	--	--	--	--	--	--

KIRIBURU	730	514	70	465	11	1380	991	72	879	13
MEGHAHATUBURU	705	600	85	661	-9	1375	1181	86	1241	-5
BOLANI	985	678	69	697	-3	1950	1410	72	1391	1
BARSUA	345	257	74	109	135	630	259	41	112	132
TALDIH	158	53	34	112	-52	306	99	32	233	-57
KALTA	200	159	80	144	11	395	336	85	285	18
GUA	670	374	56	571	-35	1130	709	63	1104	-36
MANOHARPUR	64	63	98	70	-11	126	156	123	89	75
TOTAL	3857	2698	70	2829	-5	7292	5140	70	5333	-4

Performance against Last Year

Unit in Te	PREVIOUS YEAR EXCAVATION PERFORMANCE 2018-19																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB
Apr-18	414550	277830	136720	579990	299790	280200	693432	308108	385324	2365		2365	121796	98306	23490	141140	141140		532303	341000	191303	18700	18700		2504276	1484874	1019402
May-18	464760	365490	99270	660790	297090	363700	697182	468363	228819	109405	88915	20490	111636	89676	21960	144020	144020		571268	341100	230168	70140	70140		2829201	1864794	964407
Total	879310	643320	235990	1240780	596880	643900	1390614	776471	614143	111770	88915	22855	233432	187982	45450	285160	285160		1103571	682100	421471	88840	88840		5333477	3349668	1983809

	THIS YEAR EXCAVATION PERFORMANCE 2019-20																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB
Apr-19	476920	304560	172360	581010	330210	250800	731841	548586	183255	2412	2412		45841	45616	225	176200	176200		334980	290790	44190	92799	84005	8794	2442003	1782379	659624
May-19	513762	305010	208752	600080	348300	251780	677697	570506	107191	256843	180023	76820	53438	53438		159400	159400		373590	292950	80640	62702	61609	1093	2697512	1971236	726276
Total	990682	609570	381112	1181090	678510	502580	1409538	1119092	290446	259255	182435	76820	99279	99054	225	335600	335600		708570	583740	124830	155501	145614	9887	5139515	3753615	1385900

Change Over Last Year																											
DIFF	-33750	145122	-59690	81630	-141320	18924	342621	-323697	147485	93520	53965	-134153	-88928	-45225	50440	50440		-395001	-98360	-296641	66661	56774	9887	-193963	403947	-597909	
%Chg	12.7	-5.2	61.5	-4.8	13.7	-21.9	1.4	44.1	-52.7	132.0	105.2	236.1	-57.5	-47.3	-99.5	17.7	17.7	-	-35.8	-14.4	-70.4	75.0	63.9	-	-3.6	12.1	-30.1

Performance against Last Year

Unit in Te	PREVIOUS YEAR PRODUCTION PERFORMANCE 2018-19																											
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-18	73813	204017	277830	82542	217606	300148	93647	217222	310869				39333	29869	69202	79217	88549	167766	92820	248180	341000	18700				480072	1005443	1485515
May-17	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	
Total	157126	486194	643320	168699	435080	603779	278005	493837	771842	23342	65573	88915	75203	65787	140990	154060	160420	314480	187158	494942	682100	63010	25830	88840	1106603	2227663	3334266	

ge Over Last Year	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	263200	336135	215460	379261	594721	90186	89837	180023	27238	21392	48630	68818	82737	151555	86275	206675	292950	25831	35778	61609	667206	1303427	1970633
Total	176583	432987	609570	153290	494311	647601	450505	699697	1150202	91633	90802	182435	50258	43988	94246	139091	165811	304901	172745	410995	583740	66862	78753	145615	1300967	2417343	3718310
DIFF	19457	-53207	-33750	-15409	59231	43822	172500	205860	378360	68291	25229	93520	-24945	-21799	-46744	-14969	5391	-9579	-14413	-83947	-98360	3852	52923	56775	194364	189680	384044
%Chg	12	-11	-5	-9	14	7	62	42	49	293	38	105	-33	-33	-33	-10	3	-3	-8	-17	-14	6	205	64	18	9	12

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
Total	170179	443796	613975	214771	429759	644530	265066	636196	901262	11027	13401	24428	70596	57592	128188	144783	155979	300762	215362	380346	595708	67043	22053	89096	1158827	2139122	3297949

Change Over Last Year

THIS YEAR DESPATCH PERFORMANCE 2019-20																											
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-19	96988	280794	377782	115405	294500	409906	160085	257840	417926	18255	60941	79197	23870	24945	48815	83791	99838	183629	93757	203027	296784	37460	40809	78269	629612	1262695	1892308
May-19	84249	276191	360439	69662	300928	370590	218759	294752	513511	67408	52621	120030	23807	19674	43481	70954	107990	178944	80272	206594	286866	34307	33098	67405	649418	1291848	1941266
Total	181236	556985	738221	185067	595428	780496	378844	552592	931437	85664	113563	199226	47677	44619	92296	154745	207828	362573	174029	409621	583650	71767	73907	145674	1279030	2554543	3833574

DIFF

DIFF	11057	113189	124246	-29704	165669	135966	113778	-83604	30175	74637	100162	174798	-22919	-12973	-35892	9962	51849	61811	-41333	29275	-12058	4724	51854	56578	120203	415421	535625
%Chg	6.5	25.5	20.2	-13.8	38.5	21.1	42.9	-13.1	3.3	676.9	747.4	715.6	-32.5	-22.5	-28.0	6.9	33.2	20.6	-19.2	7.7	-2.0	7.0	235.1	63.5	10.4	19.4	16.2

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

May 2019

बोकारो इस्पात संयंत

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH		
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%		
KRB	30	14	45	50	35	71	64	-45	55	117	212	110	229	208	175	31	85	130	153	160	264	165	239	10		
MBR	44	8	18	74	83	112	89	-7	104	105	101	204	230	113	206	12	148	112	76	278	313	113	295	6		
BOL	75	115	153	165	161	97	52	208	100	54	54	200	111	55	127	-13	175	169	96	365	271	74	180	51		
BAR		67		45	86	190			90	53	58	180	114	63	10	1042	90	120	133	225	199	89	10	1904		
TAL	15	14	92	30	38	125	7	446	25	7	28	50	32	64	58	-44	40	21	52	80	70	87	64	8		
KAL	45			90	4	4	109	-97	15	15	101	30	29	98	7	315	60	15	25	120	33	28	117	-71		
GUA	4	4	107	14	16	111	3	392	10	12	121	20	46	229	14	231	14	16	117	34	61	180	17	261		
MPR	7	24	338	17	51	303	38	37	15	4	25	30	18	61	14	31	22	27	124	47	70	148	51	35		
RMD TOT	220	245	111	485	473	98	363	30	414	366	88	824	809	98	610	32	634	611	96	1309	1282	98	973	32		
DRZ																										
PUR																7	-100								7	-100
GR TOT	220	245	111	485	473	98	363	30	414	366	88	824	809	98	617	31	634	611	96	1309	1282	98	980	31		
FLUXES																										
KTR	40	36	90	80	68	85	56	22																		
TDMR	4	3	71	8	6	71	8	-31																		
TOT	44	39	88	88	74	84	64	15																		

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

May 2019

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							7	-100	12	23	194	22	35	160	17	102	12	23	194	22	35	160	24	45
BOL	125	65	52	225	141	63	151	-6	175	157	90	335	281	84	277	2	300	222	74	560	423	76	428	-1
BAR																								
TAL																								
KAL																								
GUA	20	40	199	47	73	155	95	-24	43	71	165	93	131	141	193	-32	63	111	176	140	204	146	289	-29
MPR																								
RMD TOT	145	105	72	272	214	79	253	-15	230	251	109	450	448	100	487	-8	375	356	95	722	662	92	741	-11
DRZ																								
PUR																								
GR TOT	145	105	72	272	214	79	253	-15	230	251	109	450	448	100	487	-8	375	356	95	722	662	92	741	-11

FLUXES

KTR	4	8	198	12	16	132	4	301
TDMR								
TOT	4	8	198	12	16	132	4	301

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

May 2019

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	70	71	101	155	146	94	106	38	100	98	98	200	207	104	253	-18	170	168	99	355	353	99	358	-1
MBR	30	62	206	60	102	170	116	-11	120	163	136	240	317	132	184	72	150	225	150	300	419	140	299	40
BOL																								
BAR	10			20			11	-100	65			85			3	-100	75			105			14	-100
TAL	13	10	77	25	10	40	64	-84	27	13	47	53	13	24			40	23	57	78	23	29	64	-64
KAL	60	71	118	120	151	126	35	327	80	93	116	155	178	115	149	20	140	164	117	275	329	120	184	79
GUA																								
MPR		11			20		26	-21	17	26	154	33	50	151	8	513	17	37	217	33	70	213	34	108
RMD TOT	183	224	123	380	429	113	357	20	409	392	96	766	765	100	597	28	592	617	104	1146	1194	104	954	25
PUR																								
DRZ								6	-100														6	-100
GR TOT	183	224	123	380	429	113	363	18	409	392	96	766	765	100	597	28	592	617	104	1146	1194	104	960	24

FLUXES

KTR	12	24	200	20	44	221	12	271
TDMR	2			4			5	-100
TOT	14	24	172	24	44	184	17	156

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

May 2019

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		10			13		23	-42		10			13			26	-49
BOL	45	39	87	90	77	85	62	24	95	84	88	185	161	87	232	-31	140	123	88	275	237	86	294	-19	
BAR																									
TAL																									
KAL																									
GUA	76	36	48	134	86	64	117	-27	182	96	53	359	190	53	173	9	258	133	51	493	275	56	290	-5	
MPR	13			34			4	-100		3			3				13	3	25	34	3	9	4	-15	
RMD TOT	134	75	56	258	162	63	186	-13	277	194	70	544	367	67	432	-15	411	269	65	802	529	66	617	-14	
DRZ																									
PUR																									
GR TOT	134	75	56	258	162	63	186	-13	277	194	70	544	367	67	432	-15	411	269	65	802	529	66	617	-14	

FLUXES

KTR								
TDMR							3	-100
TOT							3	-100

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

May 2019

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	62	62	200	121	61	13	850	100	62	62	200	121	61	13	850					
MBR																													
BOL																													
BAR																													
TAL																													
KAL																													
GUA									27				43					27				43							
MPR													3									3							
RMD TOT									100	89	89	200	167	83	13	1207	100	89	89	200	167	83	13	1207					
DRZ																													
PUR																													
GR TOT									100	89	89	200	167	83	13	1207	100	89	89	200	167	83	13	1207					
FLUXES																													
KTR	44	43	99	88	87	99	88	-1																					
TDMR	4			8	4	45	19	-81																					
TOT	48	43	91	96	91	95	107	-15																					

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

May 2019

BSL+DSP+RSP+ISP+BSP

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB	100	84	84	205	181	88	170	6	255	276	108	510	557	109	444	26	355	360	102	715	738	103	614	20	
MBR	74	70	94	134	185	138	215	-14	236	301	128	466	595	128	430	39	310	371	120	600	780	130	645	21	
BOL	245	219	89	480	379	79	265	43	370	295	80	720	553	77	636	-13	615	514	83	1200	931	78	901	3	
BAR	10	67	674	65	86	132	11	677	155	53	34	265	114	43	13	747	165	120	73	330	199	60	24	716	
TAL	28	24	85	55	48	87	71	-32	52	20	38	103	45	43	58	-23	80	43	54	158	92	58	128	-28	
KAL	105	71	68	210	155	74	145	7	95	108	114	185	208	112	156	33	200	179	89	395	363	92	301	21	
GUA	100	80	80	195	174	89	215	-19	235	207	88	472	410	87	380	8	335	287	86	667	584	88	596	-2	
MPR	20	34	172	51	72	141	67	7	32	33	103	63	74	117	22	235	52	67	130	114	146	128	89	64	
RMD TOT	682	649	95	1395	1279	92	1159	10	1430	1292	90	2784	2555	92	2139	19	2112	1941	92	4179	3834	92	3298	16	
PUR																									
DRZ							6	-100							7	-100								13	-100
GR TOT	682	649	95	1395	1279	92	1165	10	1430	1292	90	2784	2555	92	2146	19	2112	1941	92	4179	3834	92	3311	16	

FLUXES

KTR	100	111	111	200	215	108	160	35
TDMR	10	3	28	20	9	46	35	-74
TOT	110	114	104	220	225	102	195	15

FLUX MINES OPERATIONS
May 2019

UNIT 000 TONNES

PRODUCTION

MINE		PLAN 2019-20	FOR THE MONTH				GRTH % OVER LSTYR May 2018	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR May 2018		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1200	100	106	106.4	75	41.7	200	210	105	140	49.5
TULSIDAMAR	DOLO	210	10	13	132.7	14	-7.1	20	18	91.3	28	-35.1
RMD TOTAL		1410	110	120	108.8	89	33.9	220	228	104	168	35.4

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	100	111	111.5	88	26.9	200	215	108	160	34.9
TULSIDAMAR	DOLO	210	10	6	55.4	13	-57.2	20	12	59.9	35	-65.8
RMD TOTAL		1410	110	117	106.4	101	16.1	220	227	103	195	16.8

Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2018-19					
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-18	65066	71776	13836	22043	78902	93819
May-18	75105	87834	14281	12953	89386	100787
Total	140171	159610	28117	34996	168288	194606

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
Total	209590	215298	18262	12016	227852	227314

Over Last Year

DIFF	69419	55688	-9855	-22980	59564	32708
%Chg	49.5	34.9	-35.0	-65.7	35.4	16.8

QUALITY ANALYSED AT PLANT

May 2019

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाइन्स

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	62.8	2.67	2.53	16.75	16.73	61.7	3.82	2.98	8.86	31.52		MTH ACT	25.18	17.65	4.83	4.3	8.3
CUM	2019-20	62.6	3.42	2.08	18.05	15.95	61.8	3.82	2.78	8.77	31.24	CUM	2019-20	26.31	17.55	5.08	4.17	8.06
CUM	2018-19	62.69	3.48	1.81	15.13	18.65	62.07	3.84	2.37	9.88	30.63	CUM	2018-19	28.68	18.79	5.17	5.05	9.06

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	63.1	2.94	1.86	19.87	16.67	61.55	4.38	2.68	5.56	36.26		MTH ACT	42.58	2.81	3.42	10.98	15.28
CUM	2019-20	63.31	2.59	1.81	17.27	17.81	61.78	4.3	2.37	5.59	35.26	CUM	2019-20	43.45	2.47	3.4	10.55	14.64
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	63.31	2.46	1.89	18.6	17.22	61.65	3.79	2.95	4.76	35.1							
CUM	2019-20	63.27	2.28	1.97	18.91	17.23	62	3.58	2.56	4.04	37.19							
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	63.05	2.46	2.32	17.74	18.32	61.73	3.82	2.84	5.99	35.17							
CUM	2019-20	63.07	2.41	2.33	18.01	17.95	61.78	3.67	2.89	6.33	34.42							
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	62.81	2.4	2.75	17.27	15.72	60.77	4.18	4	6.43	34.11							
CUM	2019-20	62.77	2.39	2.81	17.07	15.85	61.16	3.87	3.67	6.1	33.62							
CUM	2018-19	62.75	2.28	2.97	20.11	17.79	61.52	3.47	3.6	6.1	34.36							

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40							
	MTH ACT						63.03	2.91	2.03	4.45	29.08							
CUM	2019-20	64.41	1.86	1.57	8.3	10.2	63.16	2.81	1.96	4.44	29.33							
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	2	2.2	10	10	63	2.4	2.6	5	40							
	MTH ACT	63.88	1.85	1.89	11.04	8.84	63.08	2.88	1.67	3.7	29.5							
CUM	2019-20	63.81	1.94	1.82	12.75	8.78	62.81	2.9	2.07	4.3	27.78							
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	2.4	2.4	5	10	62	3	3	5	40							
	MTH ACT	63.19	2.06	2.54	10.56	12.02	61.48	3.59	3.35	4.2	31.2							
CUM	2019-20	63.4	1.93	2.33	10.7	11.67	61.72	3.66	3.01	4.78	29.73							
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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दूर्गापूर इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाइन्स

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						61.34	6.11	1.93	5.63	51.26		MTH ACT	47.1	1.9	4.7	14.05	26.5
CUM	2019-20						61.21	5.77	2.3	5.32	50.63	CUM	2019-20	45.53	1.77	4.46	12.43	29.93
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	62.53	2.8	1.63	12.2	13.81	62.67	3.03	2.29	4.49	47.09							
CUM	2019-20	62.92	2.41	1.72	11.53	14.84	62.56	3	2.59	4.85	45.88							
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	61.78	3.05	1.98	21.12	13.13	62.4	2.86	2.6	7.28	42.3							
CUM	2019-20	62.49	2.33	2.03	24.13	12.99	62.19	2.89	2.84	7.38	41.63							
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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रात्रकेला इस्पात संयंत्र

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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	62.48	2.81	3.28	14.86	22.21	61.99	3.13	3.05	8	37		MTH ACT					
CUM	2019-20	62.45	3.06	3.03	14.92	21.43	62.03	3.29	2.83	8	37	CUM	2019-20					
CUM	2018-19	62.57	3.3	2.68	14.73	20.57	62.07	3.31	2.72	7.5	37.19	CUM	2018-19					

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.42	2.93	3.23	19.8	20.1	61.9	3.28	2.97	9	38		MTH ACT	50.2	2.2	3.1		
CUM	2019-20	62.42	2.93	3.23	19.8	20.1	61.96	3.37	2.82	9	38	CUM	2019-20	50.39	2.24	3.07		
CUM	2018-19	62.53	3.23	2.82	15.66	20	62.01	3.41	2.71	8.1	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																	
CUM	2018-19	62.6	3.3	2.6	4	41												

BAR	NORM	62.5	2.9	3	10	10	62	3.5	3	5	30							
	MTH ACT																	
CUM	2019-20																	
CUM	2018-19	62.41	3.14	3.08	12.87	22.29	61.8	3.42	2.98	7.2	34.12							

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40							
	MTH ACT	63.36	2.21	2.59	16	15.7	62.9	2.31	2.51	8.5	39							
CUM	2019-20	63.4	2.37	2.36	14.95	15.5	62.91	2.43	2.38	8.73	38.06							
CUM	2018-19	63.47	2.51	2.16	13.93	16.7	62.96	2.52	2.09	6.27	34.35							

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40							
	MTH ACT	63.4	2.1	2.6	20	16.3	62.99	2.15	2.55	8	38							
CUM	2019-20	63.33	2.38	2.46	20	16.67	62.98	2.3	2.39	8	37.99							
CUM	2018-19	63.4	2.56	2.27	16.64	15.8	62.93	2.57	2.38	7.89	35.05							

TAL	NORM	62.5	2.4	2.4	5	10	62	3	3	5	40							
	MTH ACT	62.63	2.87	2.97	15.5	22.5	62.15	2.85	3.1	8	40							
CUM	2019-20	62.63	2.87	2.97	15.5	22.5	62.15	2.85	3.1	8	40							
CUM	2018-19	63.46	2.45	2.26	9.36	17.55												

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FLUX

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

MBR		NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
MBR		MTH ACT						61.43	5.31	2.59	5.06	44.75		MTH ACT					
CUM	2019-20						61.01	5.94	2.62	5.16	46.91	CUM	2019-20						
CUM	2018-19	64.79	1.47	1.18	66.82	0.7	61.27	4.79	3.22	7.97	37.97	CUM	2018-19						

GUA		NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40	KTR	NORM	50	2.25	3.5	5	5
GUA		MTH ACT	63.57	2.92	2.07	7.78	5.6	63.02	3.61	2.45	5.75	44.87		MTH ACT					
CUM	2019-20	63.53	2.82	2.22	6.11	4.89	62.92	3.51	2.7	6.21	43.31	CUM	2019-20						
CUM	2018-19	63.06	3.05	1.97	23.77	2.77	62.87	3.49	2.42	5.09	47.62	CUM	2018-19						

BOL		NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30	KTR	NORM	50	2.25	3.5	5	5
BOL		MTH ACT	62.4	4.37	2.44	14.8	4.42	62.99	3.58	2.4	10.72	38.11		MTH ACT					
CUM	2019-20	62.71	3.8	2.5	13.88	4.04	62.55	3.67	2.78	8.73	48.57	CUM	2019-20						
CUM	2018-19	62.77	3.37	2.15	20.1	2.01	61.65	3.96	3.32	8.43	38.89	CUM	2018-19						

MPR		NORM	63	2	2.2	10	10	63	2.4	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
MPR		MTH ACT						62.65	4.43	2.56	5.78	47.69		MTH ACT					
CUM	2019-20							62.65	4.43	2.56	5.78	47.69	CUM	2019-20					
CUM	2018-19	63.37	2.49	2.12	23.76	3.3	61.03	4.45	3.97	5.28	47.99	CUM	2018-19						

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लौह अयरस्क लम्प

लौह अयरस्क फार्मिन्स

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						62.64	4.06	2.51	5.38	52.72		MTH ACT	28.46	17.85	8.02	26.5	13.5
CUM	2019-20						62.24	4.16	2.57	5.4	50.58	CUM	2019-20	28.65	18.12	7.59	29.06	11.68
CUM	2018-19						62.75	4.08	2.06	9.07	41.2	CUM	2018-19	28.53	17.64	8.24	33.75	9.24

MBR		62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
MTH ACT											MTH ACT		49.09	2.51	4.18	8.66	15.94	
CUM	2019-20											CUM	2019-20	49.61	2.27	4.01	8.38	15.97
CUM	2018-19						62.32	4.69	1.61	1.1	39.6	CUM	2018-19	49.83	2.26	3.9	9.19	18.3

GUA		62.5	3	2.2	10	10	62.5	3	2.7	5	40							
MTH ACT						63.59	2.83	2.13	1.9	53.12								
CUM	2019-20						64.47	2.32	1.68	1.31	55.06							
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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.48	3.13	2.85	15.53	20.38	5.97	0.91	183699

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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.99	3.69	2.76	7.63	37.77	6.45	0.75	546502

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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.79	2.91	2.51	18.65	19.10	5.42	0.86	188028

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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.83	3.91	2.62	6.48	37.35	6.53	0.67	604944

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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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.77	2.67	2.25	19.43	13.15	4.92	0.84	375104

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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.21	3.28	2.83	7.56	42.19	6.12	0.86	548920

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	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.24	2.60	1.98	9.51	10.20	4.58	0.76	181026

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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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.84	3.24	2.56	5.04	44.69	5.79	0.79	417836

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लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.58	2.71	3.03	16.49	20.04	5.74	1.12	594000
APP 19-20	62.50	2.90	3.00	10.00	10.00	5.90	1.03	803000
Apr-19	62.63	2.36	3.00	16.36	16.33	5.36	1.27	18255
May-19	62.81	2.40	2.75	17.27	15.72	5.15	1.15	64420
Jun-19								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.77	2.39	2.81	17.07	15.85	5.20	1.17	82675

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फाइन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	61.57	3.46	3.50	6.28	34.32	6.96	1.01	1065000
APP 19-20	62.00	3.50	3.00	5.00	30.00	6.50	0.86	1697000
Apr-19	61.45	3.64	3.43	5.86	33.27	7.07	0.94	67951
May-19	60.77	4.18	4.00	6.43	34.11	8.18	0.96	49035
Jun-19								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.16	3.87	3.67	6.10	33.62	7.54	0.95	116986

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.43	2.44	2.23	9.97	16.87	4.68	0.91	180621
APP 19-20	62.50	2.40	2.40	5.00	10.00	4.80	1.00	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.24	2.12	2.46	11.65	13.82	4.58	1.16	51652

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.53	2.87	3.02	4.90	30.39	5.89	1.05	101338
APP 19-20	62.00	3.00	3.00	5.00	40.00	6.00	1.00	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.84	3.43	3.04	5.68	32.60	6.47	0.88	45329

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.65	2.23	2.02	15.03	11.12	4.24	0.90	406931
APP 19-20	63.00	2.00	2.20	10.00	10.00	4.20	1.10	375000
Apr-19	63.43	2.34	2.07	14.54	11.73	4.41	0.89	36849
May-19	63.71	1.94	2.14	14.25	11.51	4.08	1.11	29189
Jun-19								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.55	2.16	2.10	14.41	11.63	4.27	0.97	66038

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.57	2.38	2.13	11.41	15.41	4.50	0.89	919599
APP 19-20	63.00	2.10	2.30	5.00	10.00	4.40	1.10	1229000
Apr-19	63.48	2.50	2.11	13.65	15.08	4.61	0.84	79514
May-19	63.36	2.21	2.59	16.00	15.70	4.80	1.17	76324
Jun-19								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.42	2.36	2.34	14.80	15.38	4.70	0.99	155838

મનોહરપુર

ફાઇન્સ

	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	2.40	2.60	5.00	40.00	5.00	1.08	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.83	2.54	2.41	6.83	36.24	4.95	0.95	72851

કાલટા

ફાઇન્સ

	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.95	2.48	2.32	8.12	36.81	4.80	0.94	204444

ग्रन्तिता :: 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	62.67	2.71	2.44	2.78	10.00	5.15	0.90	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.14	2.42	2.24	16.49	15.83	4.65	0.92	460839

ग्रन्तिता :: 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	62.38	3.15	2.72	5.45	31.74	5.87	0.86	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.78	3.87	2.76	6.45	33.30	6.63	0.71	798292

ग्रन्तिता:: दूर्गापुर

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	62.64	2.79	2.34	5.00	10.00	5.13	0.84	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.64	2.36	1.92	19.63	13.65	4.28	0.81	219065

ग्रन्तिता:: दूर्गापुर

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	62.50	2.90	2.80	5.00	33.65	5.70	0.97	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.23	3.14	2.72	6.43	43.64	5.86	0.87	449098

गुणवत्ता :: राउरकेला

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.84	2.99	2.60	14.29	19.37	5.59	0.87	2462000
APP 19-20	62.78	2.51	2.44	1.73	10.00	4.95	0.97	2090000
Apr-19	62.77	3.06	2.55	15.80	18.56	5.61	0.83	206741
May-19	62.80	2.61	2.99	16.81	19.24	5.61	1.15	230306
Jun-19								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.82	2.75	2.82	16.36	18.85	5.57	1.02	437047

गुणवत्ता :: राउरकेला

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.19	3.21	2.62			5.83	0.82	2764000
APP 19-20	62.47	3.00	2.68	5.12	33.33	5.68	0.89	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.26	3.06	2.70			5.76	0.88	774545

गुणवत्ता :: बर्नपुर इस्पात संयंत्र

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.97	3.14	2.04	22.50	2.50	5.18	0.65	1160000
APP 19-20	62.67	2.75	2.35	3.85	10.00	5.10	0.85	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.14	3.28	2.35	9.79	4.49	5.64	0.72	167109

गुणवत्ता :: बर्नपुर इस्पात संयंत्र

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.28	3.76	2.84	6.57	43.68	6.60	0.76	2760000
APP 19-20	62.42	3.06	2.77	5.00	35.71	5.83	0.91	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								
Jul-19								
Aug-19								
Sep-19								
Oct-19								
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.69	3.68	2.73	7.27	45.78	6.41	0.74	369215

त्रुलसीदामर

BF DOLOMITE

गुणवत्ता :: बोकारो इस्पात संयंत्र

कुटेश्वर

BF LIMESTONE

	CaO	MgO	SiO ₂	OS	US
Act 18-19	28.7	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					
Jul-19					
Aug-19					
Sep-19					
Oct-19					
Nov-19					
Dec-19					
Jan-20					
Feb-20					
Mar-20					
CUMML	26.31	17.55	5.08	4.17	8.06

	CaO	MgO	SiO ₂	OS	US
Act 18-19	43.7	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					
Jul-19					
Aug-19					
Sep-19					
Oct-19					
Nov-19					
Dec-19					
Jan-20					
Feb-20					
Mar-20					
CUMML	43.45	2.47	3.40	10.55	14.64

त्रुलसीदामर

BF DOLOMITE

गुणवत्ता :: बिलाई इस्पात संयंत्र

कुटेश्वर

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 18-19	28.5	17.64	8.24	33.8	9.24
APP 19-20	30.00	18.00	5.00	5.00	10.00
Apr-19	28.84	18.19	7.38	20.84	10.39
May-19	28.46	17.85	8.02	26.50	13.50
Jun-19					
Jul-19					
Aug-19					
Sep-19					
Oct-19					
Nov-19					
Dec-19					
Jan-20					
Feb-20					
Mar-20					
CUMML	28.65	18.12	7.59	29.06	11.68

	CaO	MgO	SiO ₂	OS	US
Act 18-19	49.8	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					
Jul-19					
Aug-19					
Sep-19					
Oct-19					
Nov-19					
Dec-19					
Jan-20					
Feb-20					
Mar-20					
CUMML	49.61	2.27	4.01	8.38	15.97



PROJ. NO.	CUMM. UTILIS. UPTO Mar '19	CUMM. UTILIS. UPTO May-19	MAKE / TYPE	CAP	DATE OF COMMISSION	May-19										2019-2020										
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	
EXCAVATORS [4]																										
BE-18	23133	23133	BEML,BE-1000	4.5CU.M	31-Jul-08	620	620										1220	1220								
EX-20	24918	25247	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	16	421	604	183	97.4	30.3	29.5	6.10	77.32	1220	94	797	1126	329	92.3	29.2	27.0	6.19	72.19	
EX-22	14347	15078	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620		256	620	364	100.0	58.7	58.7	6.84	62.36	1220	20	469	1200	731	98.4	60.9	59.9	6.26	58.76	
EX-23	15098	15828	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620	56	199	564	365	91.0	64.7	58.9	5.11	62.05	1220	67	423	1153	730	94.5	63.3	59.8	5.28	59.59	
					TOTAL	1860	72	876	1788	912	96.1	51.0	49.0	6.00	65.24	3660	181	1689	3479	1790	95.1	51.5	48.9	5.84	61.56	
DUMPERS [8]																										
DUM-87	13614	13802	BEML,BH-85	85Te	30-Mar-08	620	239	271	381	110	61.45	28.87	17.74	4.92	45.09	1220	421	611	799	188	65.5	23.5	15.4	4.39	43.94	
DUM 88	29181	29295	KOMATSU HD785-7	100 Te	23-Jul-10	620	580	18	40	22	6.45	55.00	3.55	1.95	27.27	1220	933	173	287	114	23.5	39.7	9.3	3.52	43.42	
DUM 89	34269	34676	KOMATSU HD785-7	100Te	23-Jul-10	620	188	220	432	212	69.68	49.07	34.19	3.78	32.31	1220	409	404	811	407	66.5	50.2	33.4	3.71	37.71	
DUM-91	18341	18483	CAT 777D	100T	2-Feb-12	620	27	475	593	118	95.65	19.90	19.03	5.80	43.56	1220	467	611	753	142	61.7	18.9	11.6	5.53	43.52	
DUM-92	20471	20882	CAT 777D	100T	2-Feb-12	620	60	318	560	242	90.32	43.21	39.03	4.15	37.36	1220	172	637	1048	411	85.9	39.2	33.7	4.18	35.13	
DUM-93	8194	8719	BEML BH-100	100T	2-May-15	620	201	209	419	210	67.58	50.12	33.87	2.89	45.14	1220	204	491	1016	525	83.3	51.7	43.0	3.43	43.49	
DUM-94	6521	6986	BEML BH-100	100T	2-May-15	620	108	221	512	291	82.58	56.84	46.94	3.72	39.90	1220	156	599	1064	465	87.2	43.7	38.1	4.00	45.61	
DUM-95	5381	5622	BEML BH-100S	100T	May 2016	620	39	465	581	116	93.71	19.97	18.71	6.81	45.78	1220	82	897	1138	241	93.3	21.2	19.8	6.99	46.35	
					TOTAL	4340	1203	1926	3137	1211	72.28	38.60	27.90	4.14	39.66	8540	2423	3812	6117	2305	71.6	37.7	27.0	4.23	41.70	
DRILL [4]																										
DM-17	22677	22746	IR-ROTACOL-IDM-30	160mm	24-Mar-05	496	496								-	-	976	755	152	221	69	22.6	31.2	7.1	13.22	24.64
DM-18	25867	26152	AC-ROTACOL-IDM-30	160mm	19-May-08	496	30	314	466	152	93.95	32.62	30.65	8.91	19.74	976	139	552	837	285	85.8	34.1	29.2	9.19	23.72	
DM-19	18828	18828	AC-ROTACOL-IDM-30	160mm	14-Oct-09	496	496										976	976								
DM-20	10441	10786	AC-ROTACOL-IDM-30	160mm	Oct '14	496	52	280	444	164	89.52	36.94	33.06	11.69	24.70	976	87	544	889	345	91.1	38.8	35.3	10.32	25.22	
					TOTAL	1984	1074	594	910	316	45.87	34.73	15.93	10.35	22.31	3904	1957	1248	1947	699	49.9	35.9	17.9	10.15	24.55	
DOZER [6]																										
DOZ-29	18180	18180	BEML, D-355	410HP	11-Jun-04	496	496								-	-	976	976								
DOZ-30	21843	21866	BEML, D-355	410HP	8-Jul-07	496	496								-	-	976	948	5	28	23	2.9	82.1	2.4		36.96
DOZ-31	19778	19983	BEML, D-355	410 HP	19-Feb-09	496	176	249	320	71	64.5	22.2	14.3		38.73	976	320	451	656	205	67.2	31.3	21.0		34.88	
DOZ-32	6614	6639	BEML, D-355	410 HP	17-Apr-15	496	437	34	59	25	11.9	42.4	5.0		42.00	976	917	34	59	25	6.0	42.4	2.6		42.00	
DOZ-33	4439	4907	BEML, D-356	410HP	22-Sep-17	496	37	241	459	219	92.5	47.6	44.1		42.79	976	49	460	927	468	95.0	50.4	47.9		44.92	
DOZ-34	630	1094	BEML, D-356	410HP	31-Dec-18	496	12	289	484	195	97.6	40.3	39.3		41.54	976	12	500	964	465	98.8	48.2	47.6		35.09	
					TOTAL	2976	1654	813	1322	510	44.4	38.5	17.1		41.71	5856	3222	1449	2634	1185	45.0	45.0	20.2		39.11	
PAY LOADER [1]																										
FEL-4	11798	11936	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248	14	162	234	73	94.35	30.98	29.23		16.90	488	68	282	420	138	86.1	32.9	28.3		16.12	
MPTOR GRADER [3]																										
MG-7	6322	6322	BEML, BG825	280HP	10-Jul-91	248	248								-	-	488	488								
MG-8	3088	3099	BEML, BG825	280HP	19-May-12	248		242	248	6	100.00	2.42	2.42		33.33	488	26	451	462	11	94.67	2.38	2.25		18.18	
MG-9		91	BEML, BG825	280HP	5-Mar-19	248		223	248	25	100.00	10.08	10.08		20.00	488		398	488	91	100.0	18.55	18.55		15.47	
					TOTAL	744	248	465	496	31	66.67	6.25	4.17		22.58	1464	514	849	950	102	64.89	10.68	6.93		15.76	
WATER TANKER [3]																										
WT-83	20855	20862	BEML, WS-28-2	28KL	21-Mar-05	620	620								-	-	1220	1213		7	7	0.6	100.0	0.6		
WT-90	12967	13190	BEML, WS-28-2	28KL	Mar '11	620	197	284	423	139	68.2	32.9	22.4		28.78	1220	477	520	743	223	60.9	30.0	18.3		29.33	
WT-96	248	446	BEML, WS-28-2	28KL	17-Feb-19	620	220	338	400	62	64.5	15.5	10.0		33.06	1220	328	694	892	198	73.1	22.2	16.2		26.26	
					TOTAL	1860	1037	622	823	201	44.2	24.4	10.8		30.10	3660	2018	1214	1642	428	44.9	26.1	11.7		27.43	
Rock Breaker/Backhoe [1]																										
EX-21	4905	4993	R340lc-7	1.62 CuM	25-Sep-13	620		597.00	620	23	100.00	3.71	3.71		52.61	1220	60	1072	1160	88	95.1	7.6	7.2		27.39	
Processing Plant																										

Some of the HEMMs are currently in fleet but not in operation, Such as Excavator [BE-18], Dumper-50T [DU-82, DU-84, DU-85, DU-8

PROJ. NO.	CUMM. UTILIS. UPTO Mar'19	CUMM. UTILIS. UPTO May'19	MAKE / TYPE	CAPACITY	DATE OF COMM	May-19											2019-2020										
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	F/RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	F/RAT E	HSD/ HR		
EXCAVATORS 4.5 CUM. [1]																											
BE-11	36959	36965	BEML	4.5 CUM	30-09-2005	744	744							-	-	1464	1397	62	67	6	4.6	8.2	0.4	4.4	36		
EXCAVATORS 9.5 CUM. [3]																											
PC-14	31444	32165	KOMATSU	9.5 CUM	20-01-2012	744	156	248	588	340	79.0	57.8	45.7	13.30	92.1	1464	309	435	1156	721	78.9	62.4	49.2	13.3	90		
PC-17	16137	16809	KOMATSU	9.5 CUM	24-07-2015	744	115	257	630	373	84.6	59.3	50.1	15.15	96.0	1464	378	414	1086	672	74.2	61.9	45.9	14.4	92		
PC-18	29267	29704	KOMATSU	9.5 CUM	11-07-2016	744	187	354	557	203	74.9	36.4	27.3	15.54	96.6	1464	350	678	1115	437	76.1	39.2	29.8	14.6	92		
						TOTAL	2232	458	859	1775	916	79.5	51.6	41.0	14.6	94.7	4392	1036	1526	3356	1830	76.4	54.5	41.7	14.0	91	
DUMPER,50 TE [2]																											
D - 49	28071	28099	BEML	50 TON	05-03-2007	744	641	95	103	8	13.8	7.8	1.1	0.75	25.0	1464	1210	226	254	28	17.3	11.0	1.9	1.1	29		
D - 50	23971	23971	BEML	50 TON	15-04-2007	744	744				-	-	-	-	-	1464	1464						-	-			
						TOTAL	1488	1385	95	103	8	6.9	7.8	0.5	0.75	25.0	2928	2674	226	254	28	8.7	11.0	1.0	1.1	29	
DUMPER,100 TE [7]																											
D - 51	29346	29971	KOMATSU	100 TON	01-09-2010	744	227	252	517	265	69.5	51.3	35.6	4.05	43.0	1464	450	389	1014	625	69.3	61.6	42.7	3.6	39		
D - 52	30670	31398	KOMATSU	100 TON	01-09-2010	744	169	187	576	389	77.4	67.6	52.3	4.09	41.9	1464	380	357	1085	728	74.1	67.1	49.7	4.0	42		
D - 53	29377	30202	KOMATSU	100 TON	01-09-2010	744	108	249	637	388	85.6	61.0	52.2	4.28	41.8	1464	228	411	1236	825	84.4	66.7	56.4	3.8	40		
D - 54	15343	15439	CATER	100 TON	06-02-2012	744	530	200	214	14	28.8	6.5	1.9	5.50	42.9	1464	975	393	489	96	33.4	19.6	6.6	3.4	44		
D - 55	17913	18239	CATER	100 TON	06-02-2012	744	114	496	630	134	84.7	21.3	18.0	4.24	42.9	1464	213	925	1251	326	85.5	26.1	22.3	3.6	43		
D - 56	7648	8013	BEML	100 TON	09-05-2016	744	221	303	523	220	70.3	42.1	29.6	4.10	43.9	1464	665	434	799	365	54.6	45.7	24.9	3.5	41		
D - 57	7846	8366	BEML	100 TON	09-05-2016	744	190	343	554	211	74.5	38.1	28.4	3.77	42.2	1464	328	616	1136	520	77.6	45.8	35.5	3.4	42		
						TOTAL	5208	1558	2029	3650	1621	70.1	44.4	31.1	4.11	42.4	10248	3239	3525	7010	3485	68.4	49.7	34.0	3.7	41	
DRILL [4]																											
DM - 7	24127	24281	IR	6 " DIA	01-04-2005	372	132	190	240	51	64.5	21.0	13.6	7.23	32.7	732	297	281	435	155	59.4	35.5	21.1	7.6	32		
DM - 8	21406	21701	IR	6 " DIA	05-05-2008	372	140	90	232	143	62.4	61.4	38.3	8.88	32.6	732	231	207	501	295	68.4	58.8	40.2	8.7	33		
DM - 9	19933	20365	IR	6 " DIA	16-09-2009	372	62	91	310	220	83.3	70.8	59.0	11.19	33.2	732	116	184	616	432	84.2	70.1	59.0	11.4	32		
DM - 10	12394	12762	IR	6 " DIA	06-11-2014	372	89	125	283	159	76.1	56.0	42.6	8.90	31.2	732	160	205	572	368	78.1	64.2	50.2	13.3	31		
						TOTAL	1488	423	494	1065	571	71.6	53.6	38.4	9.63	32.5	2928	804	876	2124	1249	72.5	58.8	42.6	10.8	32	
DOZER [7]																											
DOZ-23	21979	22149	BEML	410 HP	02-10-2008	744	337	352	407	55	54.7	13.5	7.4		33.6	1464	627	667	837	170	57.2	20.3	11.6		33		
DOZ-24	18151	18379	BEML	410 HP	06-04-2010	744	299	340	446	106	59.9	23.7	14.2		33.2	1464	645	592	820	228	56.0	27.8	15.6		33		
DOZ-25	8260	8340	BEML	410 HP	28-12-2010	744	222	466	522	57	70.2	10.8	7.6		36.3	1464	494	890	970	81	66.3	8.3	5.5		35		
DOZ-26	16680	16784	BEML	410 HP	16-05-2011	744	550	121	195	74	26.1	38.0	9.9		35.8	1464	1053	307	412	105	28.1	25.4	7.1		35		
DOZ-27	9666	9756	BEML	410 HP	28-04-2015	744	352	325	392	68	52.7	17.2	9.1		34.8	1464	983	392	481	90	32.9	18.6	6.1		34		
DOZ-28	3029	3538	BEML	410HP	31-03-2018	744	199	319	545	226	73.3	41.5	30.4		33.5	1464	408	548	1057	509	72.2	48.2	34.8		33		
DOZ-29	519	1064	BEML	410HP	19-12-2018	744	228	228	516	289	69.4	55.9	38.8		34.0	1464	443	477	1022	545	69.8	53.4	37.2		34		
						TOTAL	5208	2186	2149	3022	873	58.0	28.9	16.8		34.1	10248	4651	3871	5597	1727	54.6	30.8	16.8		33	
PAY LOADER [1]																											
PL - 03	3985		HYUNDAI	3.7 CU.M	18-09-2012	744	516	170	228	58	30.6	25.4	7.8		25.9	1464	1236	170	228	58	15.6	4.0	25.4				
BACK HOE [3]																											
BE-12A	22015	22225	BEML	1.2 CUM	Nov'08	744	502	172	242	70	32.5	28.9	9.4		22.9	1464	839	416	626	210	42.7	33.6	14.3		23		
HT-15	18637	19016	TCECL	1.5 CUM	03-10-2012	744	183	353	561	208	75.4	37.1	28.0		23.1	1464	511	574	953	379	65.1	39.8	25.9		23		
HT-16	12349	12986	TCECL	1.5 CUM	01-12-2014	744	146	298	598	300	80.4	50.2	40.3		23.6	1464	373	455	1092	637	74.6	58.4	43.5		23		
						TOTAL	2232	831	823	1401	578	62.8	41.3	25.9		23.3	4392	1722	1444	2670	1226	60.8	45.9	27.9		23	
WATER TANKER [3]																											
WT - 05	18960	19446	BEML	28 KL	15.02.07	744	211	251	534	283	71.7	53.0	38.0		22.8	1464	455	523	1009	486	68.9	48.2	33.2		22		
WT - 06	11002	11070	BEML	28 KL	17-08-2012	744	513	163	231	68	31.0	29.4	9.1		21.3	1464	1233	163	231	68	15.8	29.4	4.6		21		
WT - 45	31622	31885	BEML																								

PROJ. NO.	CUMM. UTILIS. UPTO Mar'19	CUMM. UTILIS. UPTO May-19	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	May-19										2019-2020													
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR				
EXCAVATORS [6]																													
EX-25	33609	33617	BEML PC-1000(D)	4.5 CuM	21-Jun-04	744	744							-	-	1464	1456		8	8	0.55	100.00	0.55						
EX-26	31002	31199	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744	52	597	692	95	93.0	13.7	12.8	46.4	1464	158	1110	1306	197	89.21	15.05	13.42		38.72					
						SUB TOTAL	1488	796	597	692	95	46.5	13.7	6.4	46.4	2928	1614	1110	1314	205	44.88	15.56	6.98		37.20				
EX-28	15660	15733	BE-1600	7.5 Cu.m	22-Jun-10	744	559	184	185	1	24.9	0.5	0.1	16.00	1365.0	1464	936	455	528	73	36.05	13.85	4.99	0.51	60.45				
EX-29	25506	25997	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	29	492	715	223	96.1	31.2	30.0	4.32	77.7	1464	56	917	1408	491	96.16	34.85	33.51	4.13	72.01				
EX-30	15028	15763	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	83	265	661	396	88.8	59.9	53.2	4.79	76.7	1464	124	605	1341	735	91.56	54.84	50.21	4.74	78.56				
EX-31	13363	13962	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	82	362	662	300	89.0	45.3	40.3	5.57	85.3	1464	199	666	1265	599	86.42	47.34	40.91	5.41	82.66				
						SUB TOTAL	2976	753	1303	2223	920	74.7	41.4	30.9	4.94	81.1	5856	1315	2644	4541	1898	77.55	41.79	32.41	4.63	77.46			
						TOTAL	4464	1549	1900	2915	1015	65.3	34.8	22.7	4.48	77.9	8784	2929	3753	5855	2102	66.66	35.90	23.93	4.18	73.55			
DUMPER,50 TE [2]																													
HP-30	17659	17659	C.I.773D(I)	50 T	01-Mar-06	744	728	16	16		2.2			-	-	1464	1408	56	56		3.83								
HP-32	23497	23686	BEML BH-50M	50 T	06-Mar-08	744	2	646	742	96	99.7	12.9	12.9		16.0	1464	2	1273	1462	190	99.86	12.96	12.94		14.88				
						TOTAL	1488	730	662	758	96	50.9	12.7	6.5		16.0	2928	1410	1329	1518	190	51.84	12.48	6.47		14.88			
DUMPER,100 TE [8]																													
HP-32A	29825	30525	KOMATSU HD785-7	100 T	22-Jun-10	744	81	239	663	425	89.1	64.1	57.1	3.59	35.3	1464	372	392	1092	700	74.56	64.13	47.81	3.48	34.24				
HP-34	26579	26587	KOMATSU HD785-7	100 T	22-Jun-10	744	744							-	-	1464	1448	8	16	8	1.09	50.00	0.55						
HP-35	15842	15959	BEML BH-100	100 T	22-Jun-10	744	432	291	312	21	41.9	6.7	2.8	0.81	31.0	1464	844	503	620	117	42.37	18.86	7.99	2.86	36.32				
HP-36	11757	11807	BEML BH-100	100 T	22-Jun-10	744	404	321	340	19	45.7	5.6	2.6	0.26	10.5	1464	838	577	626	50	42.77	7.93	3.39	1.41	19.13				
HP-37	19607	20116	CAT 777D	100 T	25-Jan-12	744	49	330	695	365	93.4	52.5	49.1	3.00	29.5	1464	444	512	1020	509	69.69	49.84	34.74	3.18	31.62				
HP-38	8907	9600	BEML BH-100S	100 T	03-May-16	744	36	372	708	336	95.2	47.5	45.2	2.99	33.4	1464	94	677	1370	693	93.56	50.61	47.35	3.12	34.47				
HP-39	8614	8718	BEML BH-100S	100 T	03-May-16	744	573	99	171	72	23.0	42.1	9.7	2.44	32.3	1464	1224	136	240	104	16.38	43.35	7.10	2.46	31.03				
HP-40	9440	10060	BEML BH-100S	100 T	03-May-16	744	173	318	571	253	76.7	44.3	34.0	2.85	37.3	1464	277	567	1188	620	81.11	52.24	42.37	3.09	38.55				
						TOTAL	5952	2492	1970	3460	1490	58.1	43.1	25.0	3.05	33.3	11712	5541	3371	6171	2801	52.69	45.38	23.91	3.14	34.38			
DRILL [4]																													
DM-11	17159	17263	AC-ROTACOL-IDM-30	160mm	14-Feb-08	496	290	110	206	96	41.5	46.6	19.4	11.92	34.3	976	754	118	222	104	22.75	46.85	10.66	11.00	31.68				
DM-12	17912	18092	AC-ROTACOL-IDM-30	160mm	12-Aug-09	496	296	163	200	37	40.3	18.5	7.5	4.49	11.6	976	416	380	560	179	57.35	32.05	18.38	14.33	34.89				
DM-12A	16453	16655	AC-ROTACOL-IDM-30	160mm	22-Mar-11	496	158	265	338	73	68.1	21.6	14.7	13.53	33.4	976	187	587	789	202	80.82	25.63	20.71	14.22	29.14				
DM-14	9768	10256	AC-ROTACOL-IDM-30	160mm	19-Nov-14	496	50	180	446	266	89.9	59.6	53.6	15.94	30.6	976	79	410	897	487	91.91	54.34	49.94	15.89	33.65				
						TOTAL	1984	794	718	1190	472	60.0	39.7	23.8	13.85	30.3	3904	1436	1495	2468	973	63.21	39.43	24.92	14.73	32.73			
DOZER [8]																													
DOZ-22	16080	16088	BEML BD355	410 HP	06-Jul-07	496	496							-	-	976	968		8	8	0.8	100.0	0.8						
DOZ-23	12013	12330	BEML BD355	410 HP	27-Aug-08	496	12	386	484	98	97.6	20.2	19.8		34.4	976	44	615	932	317	95.5	34.0	32.5		20.9				
DOZ-24	13560	13625	BEML BD355	410 HP	09-Mar-10	496	236	195	260	65	52.4	25.0	13.1		27.1	1024	620	339	404	65	39.5	16.1	6.3		28.6				
DOZ-25	11535	11830	BEML BD355	410 HP	09-Mar-10	496	223	187	273	86	55.0	31.5	17.3		49.5	976	247	435	730	295	74.7	40.4	30.2		42.6				
DOZ-26	7962	8173	BEML BD355	410 HP	03-May-14	496	239	144	257	113	51.8	44.0	22.8		37.0	976	476	290	501	211	51.3	42.1	21.6		33.6				
DOZ-27	6542	6749	BEML BD355	410 HP	03-May-14	688	147	476	541	65	78.6	12.0	9.4		71.6	1360	147	1006	1213	208	89.2	17.1	15.3		50.9				
DOZ-28	6479	6697	BEML BD355	410 HP	26-Apr-16	728	24	589	704	115	96.7	16.3	15.8		51.0	1448	32	1198	1416	219	97.8	15.4	15.1		52.7				
DOZ-29	97	BEML BD355	410 HP	15-Apr-19	560	463	560	97	100.0	17.3	17.3			51.2	560		463	560	97	100.0	17.3		51.2						
						TOTAL	4456	1377	2440	3079	639	69.1	20.8	14.3		45.5	8296	2533	4344	5763	1419	69.5	24.6	17.1	38.9				
PAY LOADER [3]																													

BARSUA IRON MINES

Equipment Performance Report



SAIL-RMD

PROJ. NO.	CUMM UT. UPTO Mar'19	CUMM UT. UPTO May-	MAKE / TYPE	CAP	DATE OF COMMISSION	May-19											2019-2020										
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR		
EXCAVATORS [6]																											
EX-20	25868	25939	BEML,BE-1000	4.5 CuM	Mar-04	648	97	480	551	71	85.03	12.89	11	6.23	45.07	672	97	504	575	71	85.6	12.3	10.6	6.23	45.1		
EX-22	19566	19733	BEML,BE-1000	4.5 CuM	22-Dec-08	648	150	333	498	165	76.85	33.13	25	7.47	60.30	672	160	345	512	167	76.2	32.6	24.9	7.43	59.6		
EX-23	15937	15939	BEML, BE-1000	4.5CuM	18-Feb-10	648	648							-	-	712	708	2	4	2	0.6	50.0	0.3			450.0	
EX-27	2175	2521	BEML, BE-1000-1	4.5 CuM	19-Dec-17	648	76	231	572	341	88.27	59.62	53	7.94	68.33	672	81	245	591	346	87.9	58.5	51.5	7.93	67.3		
						TOTAL	2592	971	1044	1621	577	62.54	35.60	22.26	7.59	63.17	2728	1046	1096	1682	586	61.7	34.8	21.5	7.55	63.7	
EX-21	18158	18158	TELCON,1200V-1018	5.9 CuM	28-May-07	648	648							-	-	672	672										
EX-24	12701	12702	BEML, BE-1600	7.5CuM	04-Aug-11	648	647		1	1	0.15	100.00	0		550.00	648	647		1	1	0.2	100.0	0.2			550.0	
						TOTAL	1296	1295		1	1	0.08	100.00	0.08		550.00	1320	1319		1	1	0.1	100.0	0.1		550.0	
DUMPER,50 TE [5]																											
HPD-90	16619	16770	BEML,210M	50T	1-Apr-05	648	76	438	572	134	88.27	23.43	20.68	3.07	30.22	712	76	485	636	151	89.3	23.7	21.2	2.72	30.8		
BH-93	24313	24325	BH-50 M	50T	1-Feb-08	648	374	265	274	9	42.28	3.28	1.39	2.22	83.33	672	378	282	294	12	43.8	4.1	1.8	2.33	62.5		
BH-94	22423	22598	BH-50 M	50T	22-Dec-08	648	103	377	545	168	84.10	30.83	25.93	2.92	28.32	672	103	394	569	175	84.7	30.8	26.0	2.92	27.2		
BH-95	30907	30907	BH-50 M	50T	6-Feb-09	648	648							-	-	648	648										
BH-96	26092	26092	BH-50 M	50T	20-Aug-09	648	648							-	-	648	648										
BH-99	23409	23448	BH-50 M	50T	20-Feb-14	648		648	648		100.00			-	-	1224	25	1160	1199	39	98.0	3.3	3.2	2.56	12.8		
						TOTAL	3888	1849	1728	2039	311	52.44	15.25	8.00	2.96	30.73	4576	1878	2321	2698	377	59.0	14.0	8.2	2.79	28.3	
DUMPER,60 TE [2]																											
HPD-101	4393	4812	BEML,BH-60	60 T	16-Nov-17	648	70	159	578	419	89.20	72.49	64.66	2.80	35.92	648	70	159	578	419	89.2	72.5	64.7	2.80	35.9		
HPD-102	4119	4552	BEML,BH-60	60 T	23-Nov-17	648	52	170	596	426	91.98	71.48	65.74	2.78	41.08	672	53	186	619	433	92.1	70.0	64.4	2.78	40.4		
HPD-103		221	BEML,BH-60	61 T	08-May-19	552	114	217	438	221	79.35	50.46	40.04	2.97	46.15	552	114	217	438	221	79.3	50.5	40.0	2.97	46.2		
						TOTAL	1848	236	546	1612	1066	87.23	66.13	57.68	2.21	40.10	1872	237	562	1635	1073	87.3	65.6	57.3	2.22	39.8	
DUMPER,100 TE [2]																											
BH-97	10065	10117	BEML,BH-100	100 T	4-Aug-11	648	162	434	486	52	75.00	10.70	8.02	4.12	55.77	648	162	434	486	52	75.0	10.7	8.0	4.12	55.8		
BH-98	8133	8198	BEML,BH-100	100 T	04-Aug-11	648	50	533	598	65	92.28	10.87	10.03	4.15	60.00	648	50	533	598	65	92.3	10.9	10.0	4.15	60.0		
						TOTAL	1296	212	967	1084	117	83.64	10.79	9.03	4.14	58.12	1296	212	967	1084	117	83.6	10.8	9.0	4.14	58.1	
DRILL [3]																											
DM-7	23658	23664	AC - IDM-30	160mm	29-Jan-98	432	82	344	350	6	81.02	1.71	1.39	11.67	25.00	432	82	344	350	6	81.0	1.7	1.4	11.67	25.0		
DM-9	9778	9799	AC - IDM-30	160mm	30-Sep-09	432	108	303	324	21	75.00	6.48	4.86	11.48	64.29	432	108	303	324	21	75.0	6.5	4.9	11.48	64.3		
DM-10	5013	5130	AC - IDM-30	160mm	14-Jan-15	432	51	264	381	117	88.19	30.71	27.08	21.86	42.74	432	51	264	381	117	88.2	30.7	27.1	21.86	42.7		
						TOTAL	1296	241	911	1055	144	81.40	13.65	11.11	19.92	45.14	1296	241	911	1055	144	81.4	13.6	11.1	19.92	45.1	
DOZER [5]																											
TR-36 (B/V)	14105	14105	BEML,D-155A	320 HP	23-Apr-05	648	648							-	-	1368	1344	24	24		1.8						
TR-37	14937	15165	BEML,D-155A	320 HP	22-Jun-07	648	104	359	544	185	83.95	34.01	28.55		33.65	1368	159	981	1209	228	88.4	18.9	16.7		36.9		
TR-38	15963	16077	BEML, D-355	410 HP	16-Feb-10	648	45	489	603	114	93.06	18.91	17.59		39.47	648	45	489	603	114	93.1	18.9	17.6		39.5		
TR-39	10311	10311	BEMIL, D-355	410 HP	10-Apr-12	648	488	160	160		24.69			-	-	648	488	160	160		24.7						
TR-40	5567	5613	BEMIL, D-355	410 HP	6-Jun-14	648	242	360	406	46	62.65	11.33	7.10		48.91	648	242	360	406	46	62.7	11.3	7.1		48.9		
						TOTAL	3240	1527	1368	1713	345	52.87	20.14	10.65		38.33	4680	2278	2014	2402	388	51.3	16.2	8.3		39.7	
PAY LOADER [2]																											
FEL-6	9566	9704	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	324	42	144	282	138	87.04	48.94	42.59		19.38	324	42	144	282	138	87.0	48.9	42.6		19.4		
FEL-7	5982	6016	HYUNDAI	280 HP	27-Aug-11	316	62	220	254	34	80.38	13.39	10.76		14.59	316	62	220	254	34	80.4	13.4	10.8		14.6		
						TOTAL	640	104	364	536	172	83.75	32.09	26.88		18.44	640	104	364	536	172	83.8	32.1	26.9		18.4	
MOTOR GRADER [1]																											
MG-6	7237	7302	BEML BG 825	280HP	14-Sep-02	432	20	347	412	65	95.37	15.78	15.05		23.45	432	20	347	412	65	95.4	15.8	15.0		23.4		
WATER SPRINKLER [3]																											
WS-91	14105	14153	HM / WS-28</																								

EQUIPMENTS	UTILIS. UPTO Mar'19	UTILIS. UPTO May-19	MAKE / TYPE	CAPACITY	DATE OF COMMISSION	May-19										2019-2020											
						SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD/ HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD/ HR		
EXCAVATORS[4]																											
D-12A	18064	18064	BE 1000(D)	4.5 CuM	27-Apr-08	744	744							-	-	1464	1464										
D-12	10821	10821	BE 1600	7.5 CuM	16-Feb-11	744	744							-	-	1464	1464										
D-14	25243	25945	KOMATSU	9.5 CuM	06-Apr-12	744	142	274	602	328	80.91	54.49	44.09	6.05	83.54	1464	268	494	1196	702	81.7	58.7	48.0	7.5	87.47		
D-15	19415	20199	KOMATSU	9.5 CuM	31-Aug-15	744	126	203	618	415	83.06	67.15	55.78	5.22	81.93	1464	205	475	1259	784	86.0	62.3	53.6	4.1	77.42		
						TOTAL	2232	1012	477	1220	743	54.66	60.90	33.29	5.59	82.64	4392	1937	969	2455	1486	55.9	60.5	33.8	5.7	82.17	
DUMPER,50 TE[3]																											
R/D-85	18557	18557	BEML-BH-50M	50 Te	Mar- 08	744	744							-	-	1464	1464										
R/D-86	20058	20058	BEML-BH-50M	50Te	Sep-08	744	744							-	-	1464	1464										
R/D-87	17443	17443	BEML-BH-50M	50Te	Dec-08	744	744							-	-	1464	1464										
						TOTAL	2232	2232								4392	4392										
DUMPER,100 TE[6]																											
R/D-88	23684	23684	KOMAT.HD785-7	100 T	10-Sep-10	744	744							-	-	1464	1464										
R/D-89	28005	28877	KOMAT.HD785-7	100 T	10-Sep-10	744	120	130	624	494	83.87	79.17	66.40	2.31	53.45	1464	408	184	1056	872	72.1	82.6	59.6	2.7	56.67		
R/D-90	18166	18613	CAT 777D	100 T	25-Jan-12	744	184	113	560	447	75.27	79.82	60.08	2.84	49.06	1464	904	113	560	447	38.3	79.8	30.5	2.8	50.62		
R/D-91	15754	16289	CAT 777D	100 T	25-Jan-12	744	702	4	42	38	5.65	90.48	5.11	4.87	50.34	1464	852	77	612	535	41.8	87.4	36.5	2.0	59.94		
R/D-92	11283	11610	BEML- BH 100	100 T	27-May-15	744	631	27	113	86	15.19	76.11	11.56	1.08	55.15	1464	1039	98	425	327	29.0	76.9	22.3	4.1	58.90		
R/D-93	10157	11033	BEML - BH 100	100 T	10-Jun-15	744	161	148	583	435	78.36	74.61	58.47	3.36	55.92	1464	354	234	1110	876	75.8	78.9	59.8	2.8	56.18		
						TOTAL	4464	2542	422	1922	1500	43.06	78.04	33.60	2.77	52.88	8784	5021	706	3763	3057	42.8	81.2	34.8	2.8	56.46	
DRILL[4]																											
DM-10	16316	16550	IR-ROTACOL-IDM-30	160mm	Feb- 04	496	490		6	6	1.21	100.00	1.21		108	976	614	128	362	234	37.1	64.6	24.0	12.6	30.56		
DM-12A	8475	8497	AC-ROTACOL-IDM-30	160mm	Sep-08	496	456	19	40	21	8.06	52.50	4.23	8.71	32.14	976	935	19	41	22	4.2	53.7	2.3	8.3	35		
DM-14	14244	14449	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	496	191	173	305	132	61.49	43.28	26.61	14.40	28.22	976	513	258	463	205	47.4	44.3	21.0	15.8	35.49		
DM-15	6836	7082	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	496	126	204	370	166	74.60	44.86	33.47	14.14	41.42	976	456	274	520	246	53.3	47.3	25.2	19.6	39.63		
						TOTAL	1984	1263	396	721	325	36.34	45.08	16.38	13.64	36.69	3904	2518	679	1386	707	35.5	51.0	18.1	15.8	35.29	
DOZER[6]																											
DOZ-21	17420	17420	BEML D-355	410 HP	May- 03	496	496							-	-	1216	1216										
DOZ-22	16129	16729	BEML D-355	410 HP	Feb-04	496	98	6	398	392	80.24	98.49	79.03		32.84	1216	419	197	797	600	65.5	75.3	49.3		32.13		
DOZ-23	15463	15959	BEML D-355	410 HP	May-08	496	264	28	232	204	46.77	87.93	41.13		24.29	1216	409	311	807	496	66.4	61.5	40.8		25.37		
DOZ-24	13701	13782	BEML D-355	410 HP	Sep-08	496	496							-	-	1216	866	269	350	81	28.8	23.1	6.7		37.04		
DOZ-25	8831	9083	BEML D-355	410 HP	25-Apr-14	496	142	246	354	108	71.37	30.51	21.77		36.57	976	210	514	766	252	78.5	32.9	25.8		33.47		
DOZ-26	8631	9019	BEML D-355	410 HP	08-Sept-17	496	110	208	386	178	77.82	46.11	35.89		33.99	976	235	353	741	388	75.9	52.4	39.8		32.73		
						TOTAL	2976	1606	488	1370	882	46.03	64.38	29.64		31.55	6816	3355	1644	3461	1817	50.8	52.5	26.7		30.82	
PAY LOADER[2]																											
PL-7	12758	12770	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	744	687	45	57	12	7.66	21.05	1.61		16.67	1464	1407	45	57	12	3.9	21.1	0.8		16.67		
PL-8	4769	4769	Hyundai-hl770-7A	280 HP	01-Jun-10	744	744							-	-	1464	1464										
						TOTAL	1488	1431	45	57	12	3.83	21.05	0.81		16.67	2928	2871	45	57	12	1.9	21.1	0.4		16.67	
Back Hoe [2]																											
BACK HOE-02	7965	7965	BEMLBE-300LC	1.2 CU.M	May-09	744	744							-	-	1464	1464										
BACK HOE-03	4384	5333	BEMLBE-300LC	1.25 CU.M	25-Sep-13	744	145	173	599	426	80.51	71.12	57.26		15.14	1464	287	228	1177	949	80.4	80.6	64.8		14.20		
						TOTAL	1488	889	173	599	426	40.26	71.12	28.63		15.14	2928	1751	228	1177	949	40.2	80.6	32.4		14.20	
Water Sprinkler [2]																											
WT-5	15126	15481	WS-28	28 KL	May-05	496	65	270	431	161	86.90	37.35	32.46		16.26	976	130	491	846	355	86.7	42.0	36.4		14.27		
WT-6	5923	6007	BEML,WS 28-2	28 KL	Jan-09	496	496							-	-	976	791	101	185	84	19.0	45.4	8.6		11.43		
						TOTAL	992	561	270	431	161	43.45	37.35	16.23		16.88	1952	921	592	1031	439	52.8	42.6	22.5		13.72	
Motor Grader [2]																											
MG-6	4050	4050	BG 605	280HP	May-08	496	496																				

EQUIPMENT AVAILABILITY & UTILISATION

May-19

		KIRIBURU								MEGHAHATUBURU								BOLANI								GUA				UNIT IN %	
		NORM		MTH		2019-20		MTH		2019-20		MTH		2019-20		MTH		2019-20		MTH		2019-20		MTH		CUM					
EQPMT TYPE		AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT		
DRILL	150 mm	70	70	46	35	50	36	72	54	73	59	60	40	63	39	81	14	81	14	36	45	36	51								
SHOVEL	HYD(D) ≤4.5 m ³	70	75							5	8	47	14	45	16	63	36	62	35												
	HYD(D) >4.5 m ³	85	80	96	51	95	51	80	52	76	55	75	41	78	42	0	100	0	100	55	61	56	61								
DUMPER	85/ 60 tn	65	75	61	29	65	24													87	66	87	66								
	50 tn	70	80					7	8	9	11	51	13	52	12	52	15	59	14												
	100 tn	85	80	72	39	72	38	70	44	68	50	58	43	53	45	84	11	84	11	43	78	43	81								
DOZER		70	70	44	39	45	45	58	29	55	31	69	21	69	25	53	20	51	16	46	64	51	52								
CRUSHING PLANT		85	85					86	76	92	69	90	55	91	53																
SCREENING PLANT		85	85					88	68	86	63	91	74	91	71																
OHP		85	85	85	93	87	92	91	77	93	68									89	53	90	52	92	88	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
2011-12	2232461	723255	2955716	733395	28638468	158510	3848850		1410525	633037.6	0.12	0.55	5.45	29.26
2012-13	2304757	777352	3082109	619868	29233456	115903	3958695		1481400	187362	0.11	0.56	5.37	21.12
2013-14	2028772	794925	2823697	502158	31070636	126608	3443634	24977	1334250		0.10	0.59	6.47	26.36
2014-15	2045312	860700	2906012	733330	31989330	110440	3893355	354285	1135350	638246	0.13	0.52	5.94	19.93
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		0.08	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	284586	49813	334399	60510	4485320	4830	524520	85050	331920	49192	0.06	0.38	4.76	5.43
Apr-19	153128	23205	176333	31340	2212440	1050	264510	40050	144360	28000	0.07	0.41	4.93	2.47
May-19	131458	26608	158066	29170	2272880	3780	260010	45000	187560	21192	0.06	0.34	4.61	8.14

Consumption of Key Consumables in 2019-20(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
2011-12	2362533	225172	2587705	553591	21142080	141234	4286700		1554480	325440	0.09	0.44	3.62	23.85
2012-13	2503447	298360	2801807	464676	20066760	123987	4225320		2166885	30114	0.07	0.44	3.14	19.37
2013-14	2324310	162200	2486510	392696	20328120	129431	4426065		1807800	780350	0.06	0.39	3.26	20.38
2014-15	2220183	193500	2413683	319470	18089880	126073	3673080		1305800	155000	0.06	0.44	3.63	23.61
2015-16	2225132	166400	2391532	519270	19481640	115697	3737160		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	460676	20580	481256	98994	2546495	18979	658510	20000	502580		0.08	0.41	2.16	16.28
Apr-19	220289	14290	234579	49387	1248564	8918	310210	20000	250800		0.09	0.41	2.15	15.76
May-19	240387	6290	246677	49607	1297931	10061	348300		251780		0.08	0.41	2.16	16.77

Consumption of Key Consumables in 2019-20(Bolani)

Item	HSD	Expl	Power	Lubricant	DEPTT ROM	F/G AREA CONTR SCR	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
2010-11	2026625	479122	23080560	118412	3347818		573189	785490	196165	0.10	0.48	4.90	27.87
2011-12	1998636	534534	21235920	100300	3060290		684985	796330	164403	0.11	0.50	4.68	25.18
2012-13	1783555	514007	19644960	91014	2605030		470897	838270	506624	0.12	0.50	5.02	25.35
2013-14	1872289	635069	20288400	103250	2888400		952901	1049150	667212	0.11	0.45	4.15	24.70
2014-15	2149181	810530	21124800	109435	3516659	200000	677254	738201	1792737	0.12	0.44	4.28	22.23
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	417305	176606	3427200	23686	798540		320552	148220	142226	0.13	0.39	2.70	22.29
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

Consumption of Key Consumables in 2019-20(Barsua-Taldih)

Item	HSD			Expl	Power	Lubricant											
	(in Liter)						BARSUA ROM	TALDIH ROM	BARSUA OB		TALDIH OB		EXPL	HSD	POWER	LUB	
NORM	MINES	DGSET	TOTAL				DEPTT	CONT	DEPTT	CONT	DEPT	CONT	0.08	0.46	4.90	25.00	
2011-12	1753745			233475	16215900	78287	1979803		1340775	859275.23			0.06	0.50	4.88	22.14	
2012-13	1879641	30150	1909791	254675	14962260	99939	2281296		1350990	175261.712			0.07	0.52	4.12	27.19	
2013-14	1592619	74350	1666969	253695	18204460	101571	1905428		1257525	652709			0.07	0.51	5.76	31.15	
2014-15	1351019	18140	1369159	230450	17518920	62960	269920		2635065	350000			0.07	0.46	6.03	21.29	
2015-16	1230145	6660	1236805	265250	15780840	47362			2384140				0.11	0.52	6.62	19.87	
2016-17	934836		934836	188625	15520680	46730		173700	1804950		294165		0.10	0.45	7.84	22.26	
2017-18	386285		386285	95062	13554044	11893		1052111	85675		206145		0.07	1.32	11.91	40.75	
2018-19	1496342	86653	1582995	161280	11762332	31131	1951980	469148	385666		65340		0.06	0.63	4.89	12.96	
2019-20	161003	3610	164613	38606	1988370	5250	182435	99054	76820			225	0.11	0.63	7.67	20.25	
Apr-19	29027	3270	32297	8650	851253	1050	2412	45616				225	0.18	13.39	352.92	435.32	
May-19	131976	340	132316	29956	1137117	4200	180023	53438	76820				0.10	0.52	4.43	16.35	

Consumption of Key Consumables in 2019-20(Gua)

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.09	0.55	4.6	25
2010-11	1813564	2030	1815594	367795	17584344	100224	2378504		674441	1325210	0.08	0.54	5.76	29.61
2011-12	1026199	12194	1038393	121305	16608240	50419	543562		236868	225000	0.12	1.24	21.28	60.26
2012-13	530895	31972	562867		15732024	22133								
2013-14	2677615	20143	2697758	423955	17447568	104254	3764538		1344785		0.08	0.53	3.41	20.40
2014-15	2085242	22389	2107631	277410	16677691	70037	2479410		752085		0.09	0.65	5.16	21.67
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		0.08	0.54	3.32	19.80
2017-18	3087765	2220	3089985	388490	18466944	105288	4002700		1573793		0.07	0.55	3.31	18.88
2018-19	3090800		3090800	422803	18845542	110814	3307804.77	363065	1345070	762619.24	0.08	0.63	3.76	22.46
2019-20	467223		467223	79375.2	3047616	20160	583740		124830		0.11	0.66	4.30	28.45
Apr-19	241065		241065	41226	1431744	9646	290790		44190		0.12	0.72	4.27	28.80
May-19	226158		226158	38149	1615872	10514	292950		80640		0.10	0.61	4.33	28.14

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

MINE	GRANTED ON	VALID UPTO	AREA (in ha.)	RENEWAL APPL.DATE	FOREST CLEARANCE (FC)	Status as on May' 2019	
						ENVIRONMENTAL CLEARANCE (EC)	
KBR-MBR							
Lease-I	28.03.60	31.03.20	1936.06	17.02.09	Stage-II FC [644.26 Ha] granted by MoEF&CC vide letter dated 26.11.2014. Stage-I FC of South & Central Block (247.5 Ha) was granted by MoEFCC on 18.10.2010. Compliance report has been submitted well within the time & State Govt. forward the proposal to MoEFCC on 13.07.2015. Further, compliance of the queries were forwarded by State Govt. to MoEFCC on 05.04.2016. After approval of MPSM on 08.06.2018, MoEFCC, ND requested GoJ on 26.06.2018 to provide some informations related to CA, Lease validity etc. In compliance to the asked information of Ministry, report submitted to DFO on 19.07.2018/31.07.2018 and final recommendation has been forwarded to MoEFCC, GoJ on 08.11.2018 but same has been returned back to the Govt. of Jharkhand on 18.03.2019 seeking for some clarification especially the acceptance of earlier identified CA land. After consultation with concerned DFO, it was clarified that the earlier identified 500 ha CA land was now unacceptable for CA purpose due to forest growth. For resolving the matter, a meeting was held under the chairmanship of RCCF, Jamshedpur on 25.05.2019 wherein concerned DFO, CF and Kiriburu Mines officials were present wherein the concerned DFOs are informed that there is no CA area available under their jurisdiction. Subsequently, DFO, Kolhan vide letter dated 29.05.2019 informed CF, Chaibasa about unavailability of CA land under Kolhan Forest Division. With the communication of DFO, Kolhan, CF, Chaibasa requested RCCF, Jamshedpur vide letter dated 30.05.2019 to help in identify suitable CA land in other Forest Divisions. Thereafter, RCCF has requested PCCF (Nodal) for identification of suitable CA land in other areas.	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 capacity was granted by JSPCB & renewed upto 31.12.2019.	
Lease - II	06.02.73	31.03.20	879.439	10.01.02	Forestry clearance for the total broken area of 55.9 Ha was granted on 11.04.2005.	Ore Beneficiation Plant & loading facilities of Meghahatuburu Iron Ore Mine are located in the lease-II.	
Lease - III	01.10.73	31.03.20	82	26.09.02	Forestry clearance for the total broken area of 24.23 Ha was granted on 11.04.2005.	Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III.	
Horomotto	01.01.70	31.12.99	1051.98	-	SAIL has filed Revision application with mining tribunal against State Govt.'s order of lapsing of lease and rejection of lease renewal application.	No EC	
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. Final Compliance report submitted to DFO, Keonjhar in Dec.2017. Additional information submitted to DFO, Keonjhar on 10.05.2018. DFO forwarded the compliance report to RCCF on 20.06.2018. Further, RCCF forwarded to Addl. PCCF (NO) on 16.07.2018. APCCF (Nodal) directed DFO Keonjhar/Rourkela /Keonjhar (WL) Division on 29.08.2018 to revise the CA schemes due to change in revision of wage rate. The revised scheme was forwarded to RCCF, Baripada on 11.10.18 for approval. Revision & authentication of SZ scheme has been approved by RCCF, Baripada on 30.10.18. Another proposal related to revised CA schemes for 169.72 ha & 5.18 ha were approved by APCCF (NO) on 23.10.18 and after the issuance of demand, online payment of Rs. 1492600 portal was done in MoEFCC on 29.10.18. Subsequently, after necessary modification as per new wage rate, forwarded to APCCF (N) on 22.11.2018 & payment done. Stage-I/in-principle Forest Clearance compliance report was forwarded by Odisha Govt. to Ministry on 04.01.2019 for approval of Stage-II/ final Forest Clearance but same has been returned back to the Govt. of Odisha on 07.03.2019 seeking for some clarification /information/documents. The point wise reply to the said clarifications was submitted to DFO, Keonjhar on 23.03.2019 and DFO, Keonjhar vide its letter dated 16.05.2019 has forwarded the report to RCCF, Rourkela for onwards submission to Addl. PCCF (Nodal), Bhubaneshwar, Odisha	EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21.12.2012. Consent to Operate for 12 MTPA capacity has been renewed on 28.03.2019 & Valid upto 31.03.2020.	
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	MoEF&CC vide letter dated 24.07.17 issued amended Stage-I FC order. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & respective schemes are approved on 27.10.2018 and in line with the demand letter received from DFO, Rs 16.35 Crore was paid. After complete compliance of Stage-I FC conditions, status report was submitted to DFO, Keonjhar on 29.12.2018 for onward submission for grant of Stage-II FC. However, due to change in labour wage rate, all the schemes have been revised and approved by the State Forest Department and directed to deposit the differential amounts. Differential amount of Rs. 2.9 Crores has been paid on 20.02.2019. The revised compliance report was submitted to DFO, Keonjhar on 23.02.2019. DFO, Keonjhar forwarded the proposal to RCCF, Rourkela on 25.03.2019. Stage – I FC compliance report was forwarded to Addl. PCCF (N) on 12.04.2019 for onwards submission to MoEF&CC for grant of Stage – II FC. In addition to that, 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.	Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore. CTO for handling of 10 MTPA Iron ore lumps & fines and 15000 TPA Mn ore granted by OSPCB & further renewed on 25.03.2019 with validity upto 31.03.2020. Also, Consent to Establish (CTE) for production of 15000 TPA Mn Ore was extended by OSPCB upto 20.12.2023 on 22.05.2019.	
BARSUA-KALTA							
ML No.-130	06.01.60	05.01.30	2486.383	NA	Stage-II FC granted by MoEF&CC on 06.03.2013. DFO, Bonai vide letter dated 27.02.18 allowed to take up mining operation over 28.90 ha of forest land under Taldih Block-C. Proposal for felling of tree over an area of 58.75 ha in area-5 of Barsua Part has been approved by DFO, Bonai and a meeting was held on 29.10.2018 for settlement/ strategy of tree felling. Offer issued by M/s OFDC on 2.11.2018 for said proposal & job is under progress.	EC granted by MoEFCC vide letter dated 29th Oct'10. Amended EC for ML 130 lease was granted on 30.03.2016 for redistribution of production from Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Taldih to 2.05 Mt/yr. CTO of Barsua Railway siding has been granted on 30.03.2019 with validity upto 31.03.2020.	
ML No.-162	29.04.60	28.04.30	77.94	21.04.99	Stage-II FC granted on 23.10.17 for diversion of 77.94 ha of forest land.	Ore Beneficiation Plant, Jigging Plant, Conveyors, part of the Tailing Pond located under this lease.	
ML No.-139	17.01.75	16.01.25	25.981	04.01.14	Online Diversion Proposal including safety zone submitted on 22.07.15. On scrutiny of online diversion proposal, DFO noticed some deficiencies and raised query on 26.05.16. Compliance of the query is under process. The matter of identification of CA land was discussed with forest nodal office on 25.10.2018 meeting. CA land over an area of 33.022 ha has been identified & map has been submitted to DFO, Rourkela for preparation of scheme.	MoEFCC vide letter dated 11.09.2018 accorded TOR and directed to submit EIA/EMP report based on the prescribed TOR.	
ML No.-227	18.01.84	17.01.04	3.34	04.01.03	Preparation of Diversion Proposal is under progress	Non-working lease. Obtaining EC is under progress.	

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

						Status as on May' 2019
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 Gorgaon, Ghagra & Saraiya leases has been approved by SAIL-Board on 30.05.2017. Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval. Vide letters dated 15.10.18, the reply to the IBM query was submitted on 18.10.18.SAIL official met IBM official, Ranchi on 31.01.19 & 01.02.19 for approval of FMCP wherein IBM directed to submit the Geological Report of three leases for further processing of FMCP's.	
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)	Geological Reports of three leases were submitted to IBM on 25.02.19 for grant of FMCP. IBM, Ranchi approved the FMCP's for Gorgaon on 08.05.19 and Ghagra & Saraiya leases on 09.05.19. A request letter was submitted to DC, Garhwa through DMO, Garhwa on 15.05.2019 for surrender of Bhawanathpur leases as per Rule 21 (1) of MCR, 2016. Also, another request letter was submitted to Secy (Mines & Geo) on 23.05.2019 for final surrender of Bhawanathpur leases.	
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	Matter of lease is under litigation.	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 application for 0.06 MTPA production submitted on 06.01.2016. CTE for 0.06 MTPA production granted on 10.04.2016. Renewal of CTO was extended by Madhya Pradesh Pollution Control Board upto 31.07.2019.
RIGHT BANK LEASE	10.06.71	09.06.21	944.89	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/449/2012-IA.II(M) dated 02.09.2015.CTE granted on 31.12.2015 for 2.32 MTPA expansion. CTO for 2.32 MTPA expansion granted by MPPCB on 23.02.2016 with validity upto 31.01.17. CTO renewed by MPPCB for the period upto 31.01.2020.
TULSIDAMAR	30.10.69	31.03.20	118.72	20.10.08 (2nd RML)	Stage-II FC for 101.32 ha under the lease was granted on 18.12.1997. DFO, Garhwa informed SAIL-BNP Mines vide its letter dated 25.03.19 that the validity of FC is co-terminus with lease period i.e. upto 31.03.2020 and further directed to submit the online FC renewal application. FC renewal application (FORM-B) was submitted online in MoEFCC portal on 29.03.19. Thereafter, clarification 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 consultation with the Corporate Law, separate writ petitions have been filed before High Court of Jharkhand at Ranchi on 18.05.2019 against the letters issued by MoEFCC.

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										Status as on May' 2019
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)					ENVIRONMENT CLEARANCE (EC)
					ON	UPTO	(in ha)	APPL.DATE		
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. Stage- I compliance report wa submitted to DFO 02.06.2015 & State Govt. forwarded the proposal to MoEFCC, New Delhi vide letter dated 30.07.2015/23.09.2015 for grant of Stage-II FC. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 03.07.2018 requested GoJ to provide some informations. The desired informations were submitted to forest department on 19.07.2018 & forwarded to MoEFCC, GoI on 19.11.2018. Further, Ministry informed Govt. of Jharkhand on 28.02.2019 that about 23% of the area identified for CA comes under the category of MDF, therefore State Govt. is requested to identify suitable area for admissible CA and submit it with the clarification for further consideration of forest clearance the proposal in the Ministry. A meeting was arranged with PCCF (Nodal), GoJ on 18.03.2019 in presence of DFO, CF & RCCF & SAIL Officials. During the meeting, it was directed to digitize the forest compartment maps, visit CA sites & find alternate CA lands. After regular follow up at different range, during the month of April & May, 2019, undertaken the process of CA site verification with concerned forest officials & SAIL team. Consequent upon the physical verification of CA lands along with identification of additional CA land, a report on degraded forest land equivalent to 841 Ha under Saranda, Chaibasa and Jamshedpur Forest Divisions were proposed and submitted by Gua Mines to State Forest Department on 24.05.2019 & 25.05.2019 to finalize the CA area. But after re-verification, about 50 % of the proposed area was found suitable. However, DFO Saranda is pursuing with other DFOs to provide land.	EC granted by MoEF on 25.03.2013. CTO for 12.5 MTPA renewed by JSPCB on 26.12.2016 for the period 01.01.2017 to 31.12.2020.				
Jhilingburu - I	12.05.50	11.05.80	210.526	25.04.09 (2nd RML)	Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land indentification is under progress.	ToR for conding EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEF&CC on 13.11.17sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018 which is under compliance.				
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFFCC, Ranchi on 16.01.2018 for further necessary action. MoEF&CC, RO, Ranchi vide letter dated 27.02.2019 requested PCCF (Nodal), GoJ to provide certain information in view of the approval of MPSM.	EC has been granted by Jharkhand SEIAA, Ranchi on 10.12.2018 for production of 20280 TPA Manganese ore.				
Topailore	09.03.70	31.03.20	14.15	04.03.99	Stage-I FC for 14.15 ha of forest land was granted by MoEF on 30.08.13. Stage-I FC compliance submitted to DFO, Saranda on 05.03.2016 and was forwarded to RO, MoEFCC, Ranchi on 03.11.16 for grant of Stage-II FC. MoEFCC, RO, Ranchi vide letter dated 27.02.2019 requested PCCF (Nodal), GoJ to provide certain information in view of the approval of MPSM.	EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015.				
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 is under compliance. Special Duty Office (F,&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.DFO, Saranda submitted the information to CF, Chaibasa on 22.01.19. CF forwarded to RCCF on 12.02.19. RCCF vide letter dated 22.02.19 forwarded to PCCF (Nodal) on 25.02.19. PCCF (Nodal) forwarded the proposal to Addl Chief secretary (F,E & CC), Jharkhand on 22.03.2019.	EC has been granted by MoEF&CC vide letter no -J-11015/249/2009-IA.II (M) dated 23.03.2011 for enhancement of production capacity to 4.2 MTPA.				
Ajitaburu	07.12.47	06.12.77	323.887	04.12.06 (2nd RML)		EC has been granted by MoEF&CC vide letter no - J-11015/505/ 2007-IA.II (M) dated 31.03.2011 for enhancement of production capacity to 2.8 MTPA.				
Sukri - Latur	22.03.49	21.03.79	609.554	11.03.08 (2nd RML)		EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA.				
Dhobil	08.03.48	07.03.38	513.036	06.03.97 (2nd RML)	Forestry clearance is deemed to be exist upto 2038.	EC has been granted by MoE 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				

RMD MANPOWER POSITION AS ON 01.06.2019

	Executives	Non-Executives	Total
A. Ore Mines			
Kiriburu	87	514	601
Meghatuburu	67	475	542
Bolani	88	398	486
Barsua	61	288	349
Kalta	20	61	81
Gua	60	502	562
Chiria	18	55	73
A. Total	401	2293	2694
B. Flux Mines			
Purnapani	0	8	8
Kuteshwar	24	86	110
BNP & TDMR	11	59	70
B. Total	35	153	188
C. Offices			
Kolkata	62	30	92
Rourkela	12	16	28
Bokaro	2	3	5
Durgapur	0	4	4
Delhi	3	2	5
Bhubaneswar	1	2	3
Ranchi	2	2	4
Burnpur	0	1	1
MT	17		17
C. Total	99	60	159
Grand Total (A+B+C)	535	2506	3041
Manpower as on 01.05.2019	539	2511	3050
Reduction(-)/Increase(+)	-4	-5	-9

Accident Statistics of RMD Mines

	Fatal (in Nos)		Serious (in Nos)		Reportable (in Nos)		Manday lost (in Days)	
	May-19	FY 2019-20	May-19	FY 2019-20	May-19	FY 2019-20	May-19	FY 2019-20
Kiriburu							51	103
Meghatuburu								
Bolani							5	31
Barsua								
Taldih								
Kalta								
Gua						2	52	75
Chiria						1	27	45
Kuteshwari								
Tulsidamar								
RMD Total						3	135	254

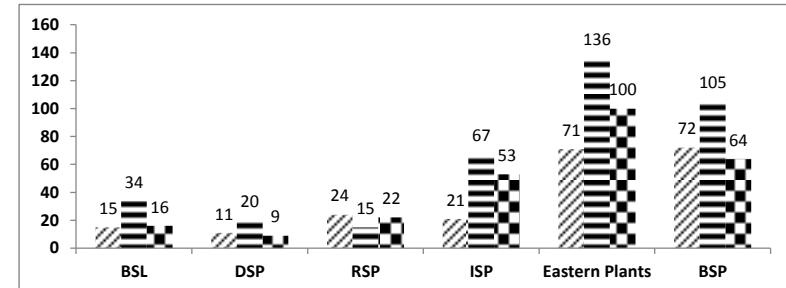
IRON ORE STOCK INVENTORY BEHAVIOUR

May 2019

IRON ORE LUMP

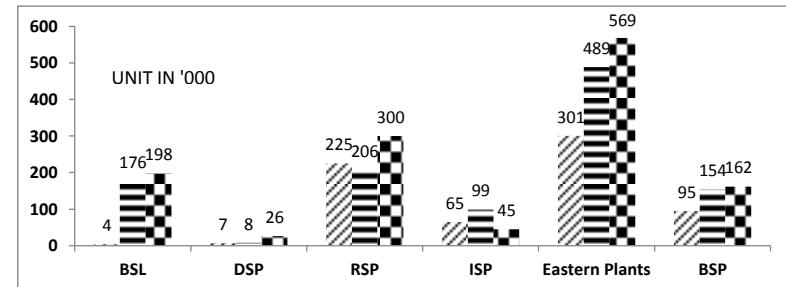
UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.05.2019	MTH	CUM	MTH	CUM	01.06.2019	MTH	YR
BSL	15	34	232	461	251	454	16	-18	1
DSP	11	20	111	219	122	221	9	-11	-2
RSP	24	15	230	437	172	342	22	7	-2
ISP	21	67	80	167	91	122	53	-14	32
Eastern Plants	71	136	654	1284	636	1139	100	-36	29
BSP	72	105			287	533	64	-41	-8
TOT	214	377	1308	2568	1559	2811	264	-113	50



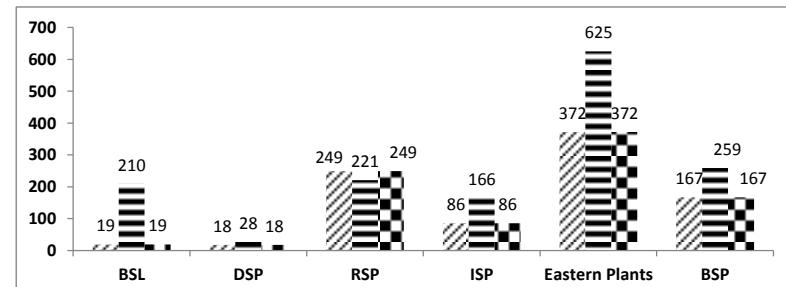
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.05.2019	MTH	CUM	MTH	CUM	01.06.2019	MTH	YR
BSL	4	176	360	798	334	652	198	22	194
DSP	7	8	260	449	241	430	26	18	19
RSP	225	206	400	775	349	749	300	94	75
ISP	65	99	196	369	270	424	45	-54	-20
Eastern Plants	301	489	1216	2391	1194	2255	569	80	268
BSP	95	154	<u>89</u>	<u>167</u>	373	737	162	8	67
TOT	697	1132	2521	4949	2761	5247	1300	168	603



IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.05.2019	MTH	CUM	MTH	CUM	01.06.2019	MTH	YR
BSL	19	210	592	1259	585	1106	214	4	195
DSP	18	28	371	668	363	651	35	7	17
RSP	249	221	631	1212	521	1091	322	101	73
ISP	86	166	276	536	361	546	98	-68	12
Eastern Plants	372	625	1870	3675	1830	3394	669	44	297
BSP	167	259	<u>89</u>	<u>167</u>	660	1270	226	-33	59
TOT	911	1509	3829	7517	4320	8058	1564	55	653



* BSP RECEIPT FROM RMD MINES

PRODUCTION PERFORMANCE

May 2019

हॉट मेटल

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR May 2018	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	400	355	89	358	-1	765	717	94	692	4
दूर्गापूर	225	207	92	211	-2	415	386	93	404	-5
रातरकेला	350	308	88	336	-8	689	606	88	632	-4
बर्नपूर	235	236	100	206	14	455	317	70	368	-14
पूर्वी इस्पात संयंत्र	1210	1106	91	1112	-1	2324	2025	87	2095	-3
भिलाई	495	407	82	395	3	966	799	83	763	5
TOTAL	1705	1513	89	1507	0	3290	2824	86	2859	-1

सिन्तर

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR May 2018	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	451	467	104	506	-8	862	909	105	988	-8
दूर्गापूर	294	267	91	287	-7	576	510	89	567	-10
रातरकेला	568	487	86	566	-14	1118	948	85	1043	-9
बर्नपूर	340	356	105	322	10	658	494	75	591	-16
पूर्वी इस्पात संयंत्र	1653	1577	95	1682	-6	3214	2862	89	3189	-10
भिलाई	720	621	86	587	6	1405	1210	86	1155	5
TOTAL	2373	2197	93	2269	-3	4619	4071	88	4344	-6

IRON ORE RECEIPTS FOR THE MONTH OF May 2019

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	14	8	107	64	17		4		19		232
DSP			66				45				111
RSP	72	61			10	76			10		230
ISP			42				39				80
BSP											
TOT	86	69	215	64	27	76	87		29		654

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	117	105	54	49	7	15	10		4		360
DSP		23	158				79				260
RSP	99	165			13	93			30		400
ISP		10	85				98		3		196
BSP	62						27				89
TOT	278	303	297	49	20	108	214		37		1305

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	130	112	161	113	24	15	14		22		592
DSP		23	225				124				371
RSP	171	227			23	169			41		631
ISP		10	127				136		3		276
BSP	62						27				89
TOT	363	372	512	113	47	184	301		66		1959

IRON ORE RECEIPTS TILL THE MONTH OF May 2019

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	35	82	155	83	41	4	15		46		461
DSP			141				78				219
RSP	148	106			10	152			20		437
ISP			79				88				167
BSP											
TOT	184	188	375	83	52	156	181		66		1284

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	219	227	112	117	33	29	44		17		798
DSP		34	275				140				449
RSP	207	330			13	175			50		775
ISP		13	162				191		3		369
BSP	121						43		3		167
TOT	547	605	549	117	45	204	418		73		2558

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	254	309	267	200	74	33	58		63		1259
DSP		34	416				219				668
RSP	355	436			23	327			70		1212
ISP		13	241				279		3		536
BSP	121						43		3		167
TOT	730	793	924	200	97	360	599		139		3842

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	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18
KRBU(N/B) (FOS)	371	666.60	409	747.70	94	203.50	377	706.90	539	951.20
KRBU(O/B) (SOBK)	371	666.60	409	747.70	94	203.50	377	706.90	539	951.20
MBR (SSMK)	371	666.60	409	747.70	94	203.50	377	706.90	539	951.20
BOLANI (BYFS)	272	508.70	318	587.20	227	467.80	286	549.10	673	1193.30
BARSUA (PBSB)	342	626.90	390	706.90	73	203.50	356	666.60	519	951.20
ROXY (HLSR)	332	626.90	379	706.90	63	203.50	346	626.90	509	951.20
GUA (ISCG)	265	508.70	311	587.20	220	426.80	279	549.10	665	1193.30
MANOHARPUR (IISM)	241	467.60	287	549.10	37	203.50	255	508.70	483	869.20
DALLIRAJHARA (DRZ)	827	1433.00	871	1512.10	537	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	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18
BHAWANATHPUR (PSBS)	369	585.80	491	763.80	563	907.30	459	727.40	909	1398.20
KHANABANJARI (BLSG)	712	1119.70	834	1259.30	680	1048.70	802	1259.30	496	763.80

BUSY SEASON 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	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18
KRBU(N/B) (FOS)	371	804.92	409	902.85	94	245.73	377	853.58	539	1148.57
KRBU(O/B) (SOBK)	371	804.92	409	902.85	94	245.73	377	853.58	539	1148.57
MBR (SSMK)	371	804.92	409	902.85	94	245.73	377	853.58	539	1148.57
BOLANI (BYFS)	272	614.26	318	709.04	227	564.87	286	663.04	673	1440.91
BARSUA (PBSB)	342	756.98	390	853.58	73	245.73	356	804.92	519	1148.57
ROXY (HLSR)	332	756.98	379	853.58	63	245.73	346	756.98	509	1148.57
GUA (ISCG)	265	614.26	311	709.04	220	515.36	279	663.04	665	1440.91
MANOHARPUR (IISM)	241	564.63	287	663.04	37	245.73	255	614.26	483	1049.56
DALLIRAJHARA (DRZ)	827	1730.35	871	1825.86	537	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	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18
BHAWANATHPUR (PSBS)	369	707.35	491	922.29	563	1095.56	459	878.34	909	1688.33
KHANABANJARI (BLSG)	712	1352.04	834	1520.60	680	1266.31	802	1520.60	496	922.29