

आर.एस.डी.

इनफॉर्मेटिक्स



MAY'2018



द्वारा प्रकाशित:
पीपीसी विभाग
रॉ मेटेरियल्स डिवीजन
भारतीय इस्पात प्राधिकरण

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Excerpt

For the month of May'2018

- Production :

 - ❖ 89% APP fulfillment in Total Production by RMD Mines. 94%, 84%, 82% & 92% APP fulfillment in production by Kiriburu, Meghahatuburu, Bolani & Gua Mines respectively.
 - ❖ 86% & 91% APP fulfillment in Lump & Fines Production Respectively by RMD Mines.
 - ❖ 62% APP fulfillment in Flux production. 60% & 71% APP fulfillment in production by Kuteshwar & Tulsidamer Flux Mines respectively.

- Despatch :

 - ❖ 79% APP fulfillment in despatch of iron ore and 70% APP fulfillment in Flux despatch by RMD Mines.
 - ❖ 81% & 78% APP fulfillment in Lump & Fines Despatch Respectively by RMD Mines.
 - ❖ 71% & 66% APP fulfillment in Flux despatch by Kuteshwar Limestone & Tulsidamar Dolomite mines respectively.

480 Rakes Despatched in May'2018 Details of Rake Despatched

MINES	COMM	May'18	TILL2018-19
KBR	L	25	48
	F	62	123
MBR	L	25	59
	F	60	118
BOL	L	40.40	75.40
	F	94.60	185.6
BAR	L	4	4
	F	4	4
TAL	L	9	22
	F	10	17
KAL	L	20	40
	F	19	44
GUA	L	31.40	64.40
	F	56.60	120.60
MPR	L	13	18
	F	6	6
RMD	L	167.80	330.80
	F	312.20	618.20
TOTAL		480	949

PLANT	COMM	May'18	TILL 2018-19
BSL	L	50.60	98.60
	F	94.40	167.40
DSP	L	38.90	71.90
	F	70.10	144.10
RSP	L	53	103
	F	85	166
ISP	L	25.30	57.30
	F	60.70	136.70
BSP	L	0	0
	F	2	4
TOTAL	L	167.80	330.80
	F	312.20	618.20
	TOTAL	480	949

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

MAY 2018

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	PLAN	FOR MONTH				GRTH % OVER LSTYR MAY 2017	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2018-19	TGT	ACT	%FF		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	1300	120	83	69	107	-22.0	235	157	67	205	-23.3
	F	3000	270	282	105	212	33.4	530	486	92	433	12.3
	T	4300	390	365	94	318	14.8	765	643	84	638	0.8
MEGHABA TUBURU 5000	L	1150	110	86	78	71	21.8	220	169	77	113	49.2
	F	2750	250	217	87	177	22.6	500	435	87	313	39.1
	T	3900	360	304	84	248	22.4	720	604	84	426	41.8
BOLANI 6500	L	2250	200	184	92	174	5.7	340	278	82	325	-14.4
	F	3950	360	277	77	280	-1.2	590	494	84	535	-7.7
	T	6200	560	461	82	455	1.4	930	772	83	860	-10.2
BARSUA 3000	L	680	24	23	97		24	23	97			
	F	1370	50	66	131		50	66	131			
	T	2050	74	89	120		74	89	120			18
TALDIH 1000	L	420	55	36	65	41	-13.1	110	75	68	62	20.1
	F	480	15	36	239		30	66	219			
	T	900	70	72	102	41	74.2	140	141	101	62	125.3
KALTA 2500	L	1000	90	75	83	56	34.5	190	154	81	113	36.5
	F	1200	90	72	80	54	32.1	170	160	94	113	42.0
	T	2200	180	147	82	110	33.3	360	314	87	226	39.2
GUA 4000	L	1000	100	94	94	91	3.4	190	187	99	184	1.6
	F	3200	270	247	91	224	10.2	530	495	93	452	9.6
	T	4200	370	341	92	315	8.2	720	682	95	636	7.3
MANOHAR - PUR 1500	L	350	30	44	148	31	45.2	60	63	105	61	3.0
	F	400	40	26	65	19	34.6	65	26	40	37	-30.6
	T	750	70	70	100	50	41.1	125	89	71	98	-9.7
TOTAL 29000	L	8150	729	626	86	571	9.8	1369	1106	81	1064	4.0
	F	16350	1345	1222	91	967	26.5	2465	2228	90	1882	18.3
	T	24500	2074	1849	89	1537	20.3	3834	3334	87	2946	13.2
												69

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

MAY 2018

UNIT 000 TONNES

MINE	PLAN	DESPATCHES										STOCKS AT MINES AS ON			
		2018-19	FOR THE MONTH				GRTH % OVER LSTYR MAY 2017	TILL THE MONTH				GRTH % OVER LSTYR MAY 2017			
			TGT	ACT	%FF	LAST YR MAY 2017		TGT	ACT	%FF	LAST YR	YEAR BEGN.	MTH BEGN.	MTH END	
KIRIBURU	L	1300	115	87	75	108	-19.8	230	170	74	201	-15.5	28	13	8
	F	3000	290	225	77	230	-2.3	590	444	75	435	1.9	1021	1006	1064
	T	4300	405	311	77	338	-7.9	820	614	75	637	-3.6	1049	1019	1072
MEGHABA TUBURU	L	1150	110	91	82	75	20.0	250	215	86	178	20.6	101	58	50
	F	2750	260	221	85	123	80.1	560	430	77	310	38.8	552	542	528
	T	3900	370	312	84	198	57.2	810	645	80	488	32.2	653	600	578
BOLANI	L	2250	200	143	72	161	-11.0	365	265	73	318	-16.7	133	102	144
	F	3950	360	321	89	238	34.9	650	636	98	508	25.2	1522	1420	1373
	T	6200	560	465	83	399	16.3	1015	901	89	827	9.0	1655	1522	1517
BARSUA	L	680	24	11	46			24	11	46			15	15	25
	F	1370	50	13	26			50	13	26			194	194	247
	T	2050	74	24	33			74	24	33			209	209	272
TALDIH	L	420	50	29	58	44	-34.9	100	71	71	63	11.3	9	5	13
	F	480	15	34	225			30	58	192			9	15	14
	T	900	65	63	96	44	41.3	130	128	99	63	102.0	18	20	27
KALTA	L	1000	90	72	80	62	16.8	190	145	76	115	26.4	12	18	21
	F	1200	90	67	75	52	30.1	170	156	92	101	54.5	13	13	17
	T	2200	180	139	77	113	22.9	360	301	84	216	39.5	25	31	38
GUA	L	1000	100	105	105	87	21.0	190	215	113	182	18.6	30	23	20
	F	3200	270	173	64	198	-12.7	530	380	72	410	-7.1	161	146	103
	T	4200	370	278	75	285	-2.5	720	596	83	591	0.8	191	169	123
MANOHAR - PUR	L	350	30	46	155	34	37.4	60	64	107	64	0.7			4
	F	400	40	22	55	18	21.7	65	22	34	32	-31.2	5		4
	T	750	70	68	98	52	31.9	125	86	69	96	-10.0	5		8
TOTAL	L	8150	719	584	81	571	2.2	1409	1156	82	1121	3.1	328	234	285
	F	16350	1375	1076	78	859	25.3	2645	2139	81	1796	19.1	3477	3336	3350
	T	24500	2094	1661	79	1431	16.1	4054	3295	81	2917	12.9	3805	3570	3635

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)
MAY 2018

UNIT 000 TE

DEVELOPMENT

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

KIRIBURU	203	99	49	466	236	51	417	-43
MEGHAHATUBURU	370	364	98	720	644	89	729	-12
BOLANI	360	229	64	821	614	75	308	99
BARSUA	110	2	2	220	2	1	4	-47
TALDIH	0	22		0	45		62	-27
KALTA	0	0		0	0		0	
GUA	270	158	59	540	286	53	231	24
MANOHARPUR	0	0		0	0		0	
TOTAL	1313	874	67	2767	1827	66	1752	4.3

ROM

KIRIBURU	390	365	94	765	643	84	638	1
MEGHAHATUBURU	360	297	83	720	597	83	393	52
BOLANI	560	468	84	930	776	83	868	-11
BARSUA	74	89	120	74	89	120	0	
TALDIH	70	90	128	140	188	134	156	20
KALTA	180	144	80	360	285	79	234	22
GUA	370	341	92	720	682	95	636	7
MANOHARPUR	70	70	100	125	89	71	98	-10
TOTAL	2074	1865	90	3834	3350	87	3023	11

TOTAL EXCAVATION

KIRIBURU	593	465	78	1231	879	71	1055	-17
MEGHAHATUBURU	730	661	91	1440	1241	86	1122	11
BOLANI	920	697	76	1751	1391	79	1176	18
BARSUA	184	91	50	294	91	31	4	1990
TALDIH	70	112	159	140	233	167	219	7
KALTA	180	144	80	360	285	79	234	22
GUA	640	499	78	1260	968	77	867	12
MANOHARPUR	70	70	100	125	89	71	98	-10
TOTAL	3387	2739	81	6601	5177	78	4775	8

Performance against Last Year

Unit in Te	PREVIOUS YEAR EXCAVATION PERFORMANCE 2017-18																										
	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-17	566550	319590	246960	573770	133020	440750	581486	408757	172729	0	0	0	78111	53811	24300	125300	125300	0	436700	320600	116100	48679	48679	0	2410596	1409757	1000839
May-17	488520	318330	170190	547990	260190	287800	594504	458911	135593	4365	0	4365	140403	102558	37845	108247	108247	0	430265	315200	115065	49712	49712	0	2364006	1613148	750858
Total	1055070	637920	417150	1121760	393210	728550	1175990	867668	308322	4365	0	4365	218514	156369	62145	233547	233547	0	866965	635800	231165	98391	98391	0	4774602	3022905	1751697

	THIS 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	0	0	0	121796	98306	23490	141140	141140	0	468530	341000	127530	18700	18700	0	2438138	1484874	953264
May-18	464760	365490	99270	660790	297090	363700	697182	468363	228819	91215	88915	2300	111636	89476	21960	144020	144020	0	499250	341100	158150	70140	70140	0	2738993	1864794	874199
Total	879310	643320	235990	1240780	596880	643900	1390614	776471	614143	91215	88915	2300	233432	187982	45450	285160	285160	0	967780	682100	285680	88840	88840	0	5177131	3349668	1827463

Change Over Last Year																											
DIFF	-175760	5400	-181160	119020	203670	-84650	214624	-91197	305821	86850	88915	-2065	14918	31613	-16695	51613	51613	0	100815	46300	54515	-9551	-9551	0	402529	326763	75766
%Chg	-16.7	0.8	-43.4	10.6	51.8	-11.6	18.3	-10.5	99.2	1989.7	#DIV/0!	-47.3	6.8	20.2	-26.9	22.1	22.1	#DIV/0!	11.6	7.3	23.6	-9.7	-9.7	#DIV/0!	8.4	10.8	4.3

Performance against Last Year

Unit in T	PREVIOUS YEAR PRODUCTION PERFORMANCE 2017-18																										
	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-17	98217	221373	319590	42314	135337	177651	150393	254749	405142				21394		21394	57208	58563	115771	92928	227672	320600	30625	18054	48479	493079	915748	1408827
May-17	106745	211585	318330	70752	177349	248101	174492	280029	454521				41093		41093	55660	54424	110084	91253	223947	315200	30522	19190	49712	570517	966524	1537041
Total	204962	432958	637920	113066	312686	425752	324885	534778	859663				62487		62487	112868	112987	225855	184181	451619	635800	61147	37244	98391	1063596	1882272	2945868

Unit in T	THIS YEAR PRODUCTION PERFORMANCE 2018-19																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-18	73813	204017	277830	82542	217606	300148	93647	217222	310869				39333	29869	69202	79217	88549	167766	92820	248180	341000	18700		18700	480072	1005443	1485515
May-18	83313	282177	365490	86157	217474	303631	184358	276615	460973	23342	65573	88915	35870	35918	71788	74843	71871	146714	94338	246762	341100	44310	25830	70140	626531	1222220	1848751
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

Change Over Last Year																											
DIFF	-47836	53236	5400	55633	122394	178027	-46880	-40941	-87821	23342	65573	88915	12716	65787	78503	41192	47433	88625	2977	43323	46300	1863	-11414	-9551	43007	345391	388398
%Chg	-23.3	12.3	0.8	49.2	39.1	41.8	-14.4	-7.7	-10.2	#DIV/0!	#DIV/0!	#DIV/0!	20.3	#DIV/0!	125.6	36.5	42.0	39.2	1.6	9.6	7.3	3.0	-30.6	-9.7	4.0	18.3	13.2

Performance against Last Year

Unit in Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2017-18																										
	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-17	93034	205705	298739	102557	186744	289301	157291	270155	427446	19284	52923	49335	102258	94743	211053	305796	29782	13962	43744	549614	936954	1486568					
May-17	108284	229783	338067	75471	122904	198375	161078	238285	399363	44258	61635	51644	113279	86851	198410	285261	33785	18125	51910	571362	859151	1430513					
Total	201318	435488	636806	178028	309648	487676	318369	508440	826809	0	0	0	63542	0	63542	114558	100979	215537	181594	409463	591057	63567	32087	95654	1120976	1796105	2917081
THIS 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	17613	17613	571678	1062261	1633939				
May-18	86809	224600	311409	90587	221302	311889	143299	321339	464638	11027	13401	24428	28797	33720	62517	72019	67164	139183	105181	173192	278373	46414	22063	68477	584133	1076781	1660914
Total	170179	443706	613885	214771	429759	644530	265066	636196	901262	11027	13401	24428	70598	57592	128188	144783	155799	300762	215362	380346	595708	64027	22063	86090	1155811	2139042	3294853
Change Over Last Year																											
DIFF	-31139	8218	-22921	36743	120111	156854	-53303	127756	74453	11027	13401	24428	7054	57592	64646	30225	55000	85225	33768	-29117	4651	460	-10024	-9564	34835	342937	377772
%Chg	-15.5	1.9	-3.6	20.6	38.8	32.2	-16.7	25.1	9.0	#DIV/0!	#DIV/0!	#DIV/0!	11.1	#DIV/0!	101.7	26.4	54.5	39.5	18.6	-7.1	0.8	0.7	-31.2	-10.0	3.1	19.1	13.0

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

MAY 2018

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			APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	65	42	64	115	64	56	61	5	50	73	146	140	175	125	153	14	115	115	100	255	239	94	214	12
MBR	65	22	35	175	89	51	84	6	70	124	178	170	206	121	170	21	135	147	109	345	295	85	254	16
BOL	30	34	114	70	52	75	134	-61	170	76	45	270	127	47	127	1	200	110	55	340	180	53	261	-31
BAR	4			4					30	10	33	30	10	33			34	10	29	34	10	29		
TAL				7					34			58					34			64				
KAL	10	54	543	25	109	438				7			7		7	-4	10	61	614	25	117	466	7	1473
GUA	15	2	11	25	3	13	49	-94		5			14		112	-88	15	7	44	25	17	68	160	-89
MPR	30	29	96	60	36	60	22	62	30	14	48	45	14	32	14	0	60	43	72	105	51	48	37	38
RMD TOT	219	183	84	474	361	76	351	3	350	343	98	655	611	93	583	5	569	526	93	1129	972	86	934	4
DRZ																								
PUR																								
GR TOT	219	183	84	474	361	76	351	3	350	343	98	655	611	93	583	5	569	526	93	1129	972	86	934	4

0

FLUXES

	40	28	71	85	56	66	57	0
K'TR	11	3	25	15	8	55	12	-32
TDMR	51	31	61	100	65	65	69	-6

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

MAY 2018

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			APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%		
KRB																										
MBR		3			7										17					3			24			
BOL	100	79	79	185	151	82	109	38	120	142	118	240	277	115	206	34	220	221	100	425	428	101	315	36		
BAR																										
TAL																										
KAL																										
GUA	45	54	120	95	95	101	53	81	90	94	104	185	193	104	109	78	135	148	110	280	289	103	161	79		
MPR								4	-100														4	-100		
RMD TOT	145	137	94	280	253	90	165	53	210	236	112	425	487	115	315	55	355	373	105	705	741	105	480	54		
DRZ																										
PUR																										
GR TOT	145	137	94	280	253	90	165	53	210	236	112	425	487	115	315	55	355	373	105	705	741	105	480	54		
0																										
FLUXES																										
KTR	5	4	80	9	4	45																				
TDAR																										
TOT	5	4	80	9	4	45																				

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

MAY 2018

रात्रकेला इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	% OFF	APP	ACT	% OFF			APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	
KRB	50	45	90	95	106	111	140	-24	130	145	112	230	253	110	272	-7	180	190	106	325	358	110	412	-13	
MBR	45	61	137	75	116	154	94	23	120	90	75	230	184	80	140	31	165	152	92	305	299	98	234	28	
BOL																									
BAR	20	11	55	20	11	55			20	3	16	20	3	16				40	14	35	40	14	35		
TAI	50	29	58	100	64	64	63	0	15			30						65	29	44	130	64	49	63	0
KAL	80	18	22	155	35	23	115	-69	90	60	67	170	149	88	94	59	170	78	46	325	184	57	208	-11	
GUA																									
MPR		18			24		11	113	10	8	78	20	8	39	18	-56	10	25	253	20	32	159	29	10	
RMD TOT	245	182	74	445	356	80	423	-16	385	306	80	700	596	85	523	14	630	488	77	1145	952	83	946	1	
PUR																									
DRZ		3			6													3			6				
GR TOT	245	185	75	445	362	81	423	-15	385	306	80	700	596	85	523	14	630	491	78	1145	958	84	946	1	
0 FLUXES																									
KTR	20	8	40	34	12	35	8	48																	
TDMR	4	3	66	8	5	68	8	-32																	
TOT	24	11	44	42	17	42	16	9																	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

MAY 2018

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	% oFF	APP	ACT	% oFF			APP	ACT	% oFF	APP	ACT	% oFF	YR	%	APP	ACT	% oFF	APP	ACT	% oFF	YR	%			
KRB				20												3							20	3	16		
MBR		3			3					40	7	17	100	23	23				40	10	25	100	26	26			
BOL	70	30	43	110	62	56	75	-18	70	103	147	140	232	166	176		32	140	134	95	250	294	118	251	17		
BAR																											
TAL																											
KAL				10																			10				
GUA	40	49	123	70	117	167	80	46	140	74	53	275	173	63	189	-8	180	124	69	345	290	84	269	8			
MPR					4		26	-86															4	26	-86		
RMD TOT	110	83	75	210	186	88	182	2	250	184	74	515	432	84	365	18	360	267	74	725	617	85	547	13			
DRZ																											
PUR																											
GR TOT	110	83	75	210	186	88	182	2	250	184	74	515	432	84	365	18	360	267	74	725	617	85	547	13			

0

FLUXES

KTR								
TDMR				4	3	75		
TOT				4	3	75		

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

MAY 2018

भिलाई इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP						FINES						TOTAL											
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB									100	7	7	200	13	6	11	19	100	7	7	200	13	6	11	19
MBR																								
BOL																								
BAR																								
TAL																								
KAL																								
GUA																								
MPR																								
RMD TOT							100	7	7	200	13	6	11	19	100	7	7	200	13	6	11	19		
DRZ																								
PUR																								
GR TOT									100	7	7	200	13	6	11	19	100	7	7	200	13	6	11	19

0

FLUXES

KTR	60	49	81	122	89	73	117	-24
TDMR	5	11	220	13	11	85	17	-36
TOT	65	60	92	135	100	74	134	-25

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

MAY 2018

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	115	87	75	230	170	74	201	-15	280	225	80	570	444	78	435	2	395	311	79	800	614	77	637	-4
MBR	110	91	82	250	215	86	178	21	230	221	96	500	430	86	310	39	340	312	92	750	645	86	488	32
BOL	200	143	72	365	265	73	318	-17	360	321	89	650	636	98	508	25	560	465	83	1015	901	89	827	9
BAR	24	11	46	24	11	46			50	13	26	50	13	26			74	24	33	74	24	33		
TAL	50	29	58	100	71	71	63	11	15	34	225	30	58	192			65	63	96	130	128	99	63	102
KAL	90	72	80	190	145	76	115	26	90	67	75	170	156	92	101	54	180	139	77	360	301	84	216	40
GUA	100	105	105	190	215	113	182	19	230	173	75	460	380	83	410	-7	330	278	84	650	596	92	591	1
MPR	30	46	155	60	64	107	64	1	40	22	55	65	22	34	32	-31	70	68	98	125	86	69	96	-10
RMD TOT	719	584	81	1409	1156	82	1121	3	1295	1076	83	2495	2139	86	1796	19	2014	1661	82	3904	3295	84	2917	13
PUR																								
DRZ		3			6													3			6			
GR TOT	719	587	82	1409	1162	82	1121	4	1295	1076	83	2495	2139	86	1796	19	2014	1664	83	3904	3301	85	2917	13
0	FLUXES																							
KTR	125	89	71	250	161	65	182	-11																
TDMR	20	16	82	40	28	69	37	-26																
TOT	145	105	73	290	189	65	219	-14																

**FLUX MINES PERFORMANCE FOR AND UPTO THE MONTH OF
MAY 2018**

UNIT 000 TONNES

PRODUCTION											
MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR MAY 2017		TGT	ACT	%FF	LAST YR	
KUTESHWAR	1365	125	75	60	105	-28.7	250	140	56	190	-26.2
TULSIDAMAR	210	20	14	71	15	-6.2	40	28	70	25	10.7
TOTAL	1575	145	89	62	121	-25.8	290	168	58	215	-21.8

DESPATCH											
MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR MAY 2017	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR MAY 2017		PLAN	ACT	%FF	LAST YR	
KUTESHWAR	1365	125	89	71	101	-12.0	250	161	65	182	-11.1
TULSIDAMAR	210	20	13	66	17	-23.6	40	35	88	37	-5.1
TOTAL	1575	145	102	70	118	-13.7	290	197	68	219	-10.1

Monthwise Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2017-18							
	KTR		Bhawanathpur		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP	PROD	DESP
Apr-17	84586	80594			10170	20107	94756	100701
May-17	105306	100972			15229	17144	120535	118116
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
Total	189892	181566			25399	37251	215291	218817

THIS YEAR FLUX PERFORMANCE 2018-19								
	KTR		Bhawanathpur		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP	PROD	DESP
Apr-18	65064	72530			13835	22249	78899	94779
May-18	75105	88888			14282	13104	89387	101992
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
Total	140169	161418			28117	35353	168286	196771

Over Last Year

DIFF	-49723	-20148			2718	-1898	-47005	-22046
%Chg	-26.2	-11.1	#DIV/0!		10.7	-5.1	-21.8	-10.1

QUALITY ANALYSED AT PLANT

MAY 2018

बोकारो इस्पात संयंत्र

लौह अवयवक लम्ब						लौह अवयवक फाईन्स						FLUX					
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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	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BNP	NORM	43	5	6.5	15	10
	MTH ACT	62.85	3.15	1.95	13.00	18.64	62.00	3.45	2.79	10.62	30.61		MTH ACT					
CUM	2018-19	62.75	3.26	1.97	13.38	19.65	62.08	3.38	2.74	10.19	29.88	CUM	2018-19					
CUM	2017-18	63.10	2.91	1.78	13.55	20.35	62.29	3.38	2.47	9.89	29.91	CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30	18	5	5	10
	MTH ACT	62.05	3.76	2.42	10.71	21.07	61.51	4.14	2.92	5.05	36.15		MTH ACT	30.72	21.94	4.91	4.10	8.80
CUM	2018-19	62.39	3.40	2.28	12.90	19.85	61.64	3.96	2.89	5.21	35.04	CUM	2018-19	30.47	20.93	4.95	3.93	8.90
CUM	2017-18	62.88	3.04	1.93	14.90	21.66	61.92	3.83	2.53	5.49	35.27	CUM	2017-18	29.75	18.89	5.47	5.92	9.88

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	63.22	2.08	2.12	8.85	21.25	61.74	3.66	2.96	3.20	39.67		MTH ACT	44.76	1.87	3.58	6.33	25.83
CUM	2018-19	62.87	2.75	2.05	15.58	18.69	62.46	3.12	2.53	3.44	40.00	CUM	2018-19	43.84	2.09	3.63	4.55	24.28
CUM	2017-18	62.73	3.02	2.02	10.95	25.04	62.62	3.15	2.01	2.62	40.59	CUM	2017-18	45.56	2.57	3.33	4.00	26.14

BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00
	MTH ACT	62.81	2.78	2.27	14.10	19.99	61.92	3.39	2.99	5.25	36.56
CUM	2018-19	62.57	2.81	2.54	18.16	17.98	61.93	3.41	2.95	5.07	35.09
CUM	2017-18	62.98	2.78	1.98	16.54	21.21	62.19	3.30	2.60	5.68	34.46

BAR	NORM	62.50	2.70	2.60	5.00	10.00	62.00	2.80	3.20	5.00	30.00
	MTH ACT						61.62	3.48	3.83	4.10	30.10
CUM	2018-19						61.62	3.48	3.83	4.10	30.10
CUM	2017-18										

KAL	NORM	63.00	2.10	2.30	0.00	10.00	63.00	2.40	2.50	5.00	40.00
	MTH ACT	63.76	2.26	2.11	5.36	13.30	62.62	3.08	3.11	3.50	30.40
CUM	2018-19	63.80	2.23	2.15	4.89	12.79	62.62	3.08	3.11	3.50	30.40
CUM	2017-18	64.36	1.80	1.50	6.76	12.44	63.70	2.20	1.90	4.30	29.54

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00
	MTH ACT	63.94	2.04	2.02	12.14	11.18	63.48	2.18	2.55	4.35	29.58
CUM	2018-19	64.01	2.14	2.00	12.77	11.19	63.48	2.18	2.55	4.35	29.58
CUM	2017-18	64.61	1.57	1.42	10.76	12.45	63.59	2.12	2.17	4.41	30.08

TAL	NORM	63.00	2.40	2.40	0.00	10.00	62.00	3.00	3.00	10.00	40.00
	MTH ACT	63.60	2.34	2.16	3.80	13.20	63.01	2.65	2.69	4.63	30.61
CUM	2018-19	63.41	2.44	2.29	6.75	12.70	62.95	2.65	2.81	4.23	30.21
CUM	2017-18	63.54	2.25	1.92	7.48	13.66	62.64	2.64	3.03	4.60	29.80

QUALITY ANALYSED AT PLANT

MAY 2018

दूर्गापूर इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फाईब्स						FLUX					
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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	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BF LST	NORM	43	5	6.5	15	10
	MTH ACT											BNP	MTH ACT					
CUM	2018-19											CUM	2018-19					
CUM	2017-18	63.30	2.70	1.90	4.40	22.80						CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30	18	5	5	10
	MTH ACT	62.80	2.60	2.00	17.60	4.20	60.40	2.60	3.70	5.80	53.80		MTH ACT					
CUM	2018-19	62.80	2.60	2.00	17.60	4.20	61.16	2.88	3.10	5.25	47.01	CUM	2018-19					
CUM	2017-18	62.78	2.70	1.23	12.60	19.89	62.92	3.45	2.03	3.94	47.59	CUM	2017-18	30.40	16.20	4.40	71.80	10.40

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	63.13	2.58	1.49	17.07	17.08	62.75	3.20	2.22	2.21	48.95		MTH ACT	48.00	2.10	4.20	23.00	29.30
CUM	2018-19	62.98	2.61	1.60	22.50	14.20	62.88	2.98	2.20	2.28	49.01	CUM	2018-19	48.00	2.10	4.20	23.00	29.30
CUM	2017-18	62.72	2.94	1.59	10.62	16.98	63.95	2.47	1.58	2.43	51.83	CUM	2017-18	45.70	2.28	4.53	31.28	11.88

BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00
	MTH ACT	62.67	2.21	1.67	18.58	16.41	62.46	2.96	2.57	4.14	43.00
CUM	2018-19	62.99	2.01	1.80	21.51	15.42	62.71	2.70	2.54	5.20	42.79
CUM	2017-18	62.70	2.27	1.95	15.32	15.19	62.89	2.69	2.26	5.71	41.45

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00
	MTH ACT										
CUM	2018-19										
CUM	2017-18	61.70	1.75	3.95	11.55	44.60					

QUALITY ANALYSED AT PLANT

MAY 2018

रातरकेला इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फार्निस						FLUX					
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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	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BNP	NORM	43	5	6.5	15	10
	MTH ACT	62.95	2.71	2.73	10.10	17.90	62.25	2.88	2.90				MTH ACT					
CUM	2018-19	62.90	2.87	2.66	14.13	16.63	62.28	2.92	2.82			CUM	2018-19					
CUM	2017-18	62.53	3.04	2.66	14.17	21.64	62.19	3.08	2.51	8.00	34.25	CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30	18	5	5	10
	MTH ACT	62.90	2.70	2.84	8.50	18.70	62.21	2.91	2.89				MTH ACT					
CUM	2018-19	62.81	2.84	2.81	10.79	17.40	62.26	2.92	2.82			CUM	2018-19					
CUM	2017-18	62.45	2.95	2.53	15.25	18.89	62.13	3.08	2.56	8.23	28.85	CUM	2017-18					

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50.00	2.25	3.50	5.00	5.00
	MTH ACT												MTH ACT	52.80	1.30	1.50		
CUM	2018-19											CUM	2018-19	51.22	1.65	2.44		
CUM	2017-18											CUM	2017-18	49.10	2.77	3.56		

BAR	NORM	62.50	2.70	2.60	5.00	10.00	62.00	2.80	3.20	5.00	30.00						
	MTH ACT						62.00	3.00	3.20								
CUM	2018-19						62.00	3.00	3.20								
CUM	2017-18																

KAL	NORM	63.00	2.10	2.30	0.00	10.00	63.00	2.40	2.50	5.00	40.00						
	MTH ACT	63.64	2.30	2.18	11.00	15.30	63.09	2.49	2.08	6.30	26.10						
CUM	2018-19	63.66	2.34	2.06	9.76	15.30	63.13	2.22	1.85	5.53	30.46						
CUM	2017-18	63.36	2.08	2.07	9.81	16.57	63.00	2.26	2.14	7.35	28.90						

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00						
	MTH ACT	63.60	2.51	2.11	15.00	15.00											
CUM	2018-19	63.64	2.44	2.02	15.55	14.45											
CUM	2017-18	63.44	2.07	2.14	16.32	17.40	62.54	2.53	2.58	5.66	30.75						

TAL	NORM	63.00	2.40	2.40	0.00	10.00	62.00	3.00	3.00	10.00	40.00						
	MTH ACT	63.36	2.55	2.32	9.20	15.60											
CUM	2018-19	63.57	2.43	2.15	9.20	16.24											
CUM	2017-18	63.44	2.12	2.05	10.23	16.33											

QUALITY ANALYSED AT PLANT

MAY 2018

बर्नपूर इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फार्मिन्स						FLUX					
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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	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BNP	NORM	43	5	6.5	15	10
	MTH ACT												MTH ACT					
CUM	2018-19						62.70	2.24	3.35	13.13	41.97	CUM	2018-19					
CUM	2017-18	63.51	3.36	2.02	23.17	1.00	62.59	2.62	3.35	9.30	42.42	CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30	18	5	5	10
	MTH ACT	64.79	1.47	1.18	66.82	0.70	61.67	4.86	3.02	4.12	56.19		MTH ACT					
CUM	2018-19	64.79	1.47	1.18	66.82	0.70	61.55	4.26	3.22	6.59	45.86	CUM	2018-19					
CUM	2017-18	61.13	1.87	4.21	19.60		62.01	3.55	3.53	7.77	38.51	CUM	2017-18					

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	63.08	3.21	2.01	12.80	0.69	62.23	3.68	2.67	4.05	50.22		MTH ACT					
CUM	2018-19	63.22	2.73	1.91	17.37	0.79	62.46	3.27	2.83	5.26	50.54	CUM	2018-19					
CUM	2017-18	62.82	2.93	2.43	22.20	2.50	62.95	2.83	2.75	3.39	50.66	CUM	2017-18					

BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.59	1.89	3.05	16.16	0.61	61.94	3.69	2.90	6.63	42.47		MTH ACT					
CUM	2018-19	63.00	2.06	2.55	18.36	0.68	62.08	3.41	3.02	7.03	44.25							
CUM	2017-18	62.64	2.81	3.01	17.15	5.55	62.37	2.93	3.14	9.05	42.61							

KAL	NORM	63.00	2.10	2.30	0.00	10.00	63.00	2.40	2.50	5.00	40.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT												MTH ACT					
CUM	2018-19											CUM	2018-19					
CUM	2017-18	62.35	2.50	3.48	19.01	4.80	61.49	3.35	4.21	13.07	35.28							

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT												MTH ACT					
CUM	2018-19	63.84	2.70	2.04	21.63	4.03						CUM	2018-19					
CUM	2017-18	62.41	2.41	3.68	23.83	4.96	61.01	3.09	4.95	3.76	43.00							

TAL	NORM	63.00	2.40	2.40	0.00	10.00	62.00	3.00	3.00	10.00	40.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT												MTH ACT					
CUM	2018-19											CUM	2018-19					
CUM	2017-18	62.21	2.40	4.23	6.41	4.57												

QUALITY ANALYSED AT PLANT

MAY 2018

भिलाई इस्पात संयन्त्र

लौह अयस्क लम्प						लौह अयस्क फाईन्स						FLUX					
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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	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BNP	NORM	43.0	5.00	6.5	15.0	10.0
	MTH ACT						63.33	2.94	2.69	9.00	40.10		MTH ACT					
CUM	2018-19						63.14	3.12	2.63	12.93	35.77	CUM	2018-19					
CUM	2017-18											CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30.0	18.0	5.0	5.0	10.0
	MTH ACT												MTH ACT					
CUM	2018-19											CUM	2018-19					
CUM	2017-18											CUM	2017-18					

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50.0	2.25	3.50	5.0	5.0
	MTH ACT										MTH ACT	49.99	2.26	3.92	8.40	16.81		
CUM	2018-19										CUM	2018-19	49.99	2.21	3.92	7.96	18.01	
CUM	2017-18										CUM	2017-18	50.46	1.89	3.64	7.16	18.33	

BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00
	MTH ACT										
CUM	2018-19										
CUM	2017-18										

KAL	NORM	63.00	2.10	2.30	0.00	10.00	63.00	2.40	2.50	5.00	40.00
	MTH ACT										
CUM	2018-19										
CUM	2017-18										

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00
	MTH ACT										
CUM	2018-19										
CUM	2017-18										

TAL	NORM	63.00	2.40	2.40	0.00	10.00	62.00	3.00	3.00	10.00	40.00
	MTH ACT										
CUM	2018-19										
CUM	2017-18										

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.10	2.91	1.78	13.55	20.35	4.69	0.61	430772
APP 18-19	62.70	2.80	2.50	5.00	10.00	5.30	0.89	750000
Apr-18	62.65	3.36	1.99	13.76	20.66	5.35	0.59	22635
May-18	62.85	3.15	1.95	13.00	18.64	5.10	0.62	41643
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.75	3.26	1.97	13.38	19.65	5.23	0.60	64278

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.88	3.04	1.93	14.90	21.66	4.97	0.63	618605
APP 18-19	62.50	3.00	2.50	5.00	10.00	5.50	0.83	800000
Apr-18	62.73	3.04	2.14	15.09	18.63	5.18	0.70	66995
May-18	62.05	3.76	2.42	10.71	21.07	6.18	0.64	22664
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.39	3.40	2.28	12.90	19.85	5.68	0.67	89659

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.29	3.38	2.47	9.89	29.91	5.85	0.73	979855
APP 18-19	62.50	3.20	2.60	5.00	30.00	5.80	0.81	950000
Apr-18	62.16	3.30	2.69	9.75	29.15	5.99	0.82	102103
May-18	62.00	3.45	2.79	10.62	30.61	6.24	0.81	65712
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.08	3.38	2.74	10.19	29.88	6.12	0.81	167815

मेघाहातुबुरु फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	61.92	3.83	2.53	5.49	35.27	6.36	0.66	#####
APP 18-19	62.00	3.90	2.60	5.00	35.00	6.50	0.67	920000
Apr-18	61.76	3.78	2.86	5.37	33.93	6.64	0.76	84581
May-18	61.51	4.14	2.92	5.05	36.15	7.06	0.71	120516
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	61.64	3.96	2.89	5.21	35.04	6.85	0.73	205097

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.98	2.78	1.98	16.54	21.21	4.76	0.71	590924
APP 18-19	62.70	2.70	2.40	5.00	10.00	5.10	0.89	400000
Apr-18	62.33	2.83	2.80	22.21	15.97	5.63	0.99	17573
May-18	62.81	2.78	2.27	14.10	19.99	5.05	0.82	30187
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.57	2.81	2.54	18.16	17.98	5.35	0.90	47760

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.73	3.02	2.02	10.95	25.04	5.04	0.67	187312
APP 18-19	62.50	3.00	2.20		10.00	5.20	0.73	100000
Apr-18	62.52	3.41	1.98	22.30	16.13	5.39	0.58	1660
May-18	63.22	2.08	2.12	8.85	21.25	4.20	1.02	1615
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.87	2.75	2.05	15.58	18.69	4.80	0.75	3275

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.19	3.30	2.60	5.68	34.46	5.90	0.79	927759
APP 18-19	62.50	2.90	2.80	5.00	35.00	5.70	0.97	1500000
Apr-18	61.93	3.43	2.90	4.89	33.62	6.33	0.85	47506
May-18	61.92	3.39	2.99	5.25	36.56	6.38	0.88	86173
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	61.93	3.41	2.95	5.07	35.09	6.36	0.87	133679

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.62	3.15	2.01	2.62	40.59	5.16	0.64	547133
APP 18-19	62.50	2.90	2.80	5.00	45.00	5.70	0.97	
Apr-18	63.18	2.57	2.09	3.67	40.33			8684
May-18	61.74	3.66	2.96	3.20	39.67			5013
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.46	3.12	2.53	3.44	40.00			13697

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.70	2.27	1.95	15.32	15.19	4.22	0.86	865420
APP 18-19	62.70	2.70	2.40	5.00	10.00	5.10	0.89	1200000
Apr-18	63.30	1.81	1.93	24.43	14.42	3.74	1.07	71959
May-18	62.67	2.21	1.67	18.58	16.41	3.88	0.76	77351
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.99	2.01	1.80	21.51	15.42	3.81	0.90	149310

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लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.72	2.94	1.59	10.62	16.98	4.53	0.54	449086
APP 18-19	62.50	3.00	2.20		10.00	5.20	0.73	550000
Apr-18	62.83	2.63	1.70	27.93	11.32	4.33	0.65	38916
May-18	63.13	2.58	1.49	17.07	17.08	4.07	0.58	52845
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.98	2.61	1.60	22.50	14.20	4.21	0.61	91761

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.89	2.69	2.26	5.71	41.45	4.95	0.84	1354907
APP 18-19	62.50	2.90	2.80	5.00	35.00	5.70	0.97	1600000
Apr-18	63.06	2.41	2.41	6.27	42.42	4.82	1.00	134355
May-18	62.46	2.96	2.57	4.14	43.00	5.53	0.87	136018
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.71	2.70	2.54	5.20	42.79	5.24	0.94	270373

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फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.95	2.47	1.58	2.43	51.83	4.05	0.64	1014985
APP 18-19	62.50	2.90	2.80	5.00	45.00	5.70	0.97	920000
Apr-18	63.01	2.75	2.17	2.34	49.07	4.92	0.79	99970
May-18	62.75	3.20	2.22	2.21	48.95	5.42	0.69	103470
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.88	2.98	2.20	2.28	49.01	5.18	0.74	203440

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEIPT
Act 17-18	62.53	3.04	2.66	14.17	21.64	5.70	0.88	769889
APP 18-19	62.70	2.80	2.50	5.00	10.00	5.30	0.89	350000
Apr-18	62.87	2.99	2.60	17.10	15.70	5.59	0.87	61666
May-18	62.95	2.71	2.73	10.10	17.90	5.44	1.01	45872
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.90	2.87	2.66	14.13	16.63	5.53	0.93	107538

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEIPT
Act 17-18	62.45	2.95	2.53	15.25	18.89	5.48	0.86	522785
APP 18-19	62.50	3.00	2.50	5.00	10.00	5.50	0.83	350000
Apr-18	62.70	3.01	2.78	13.60	15.80	5.79	0.92	54543
May-18	62.90	2.70	2.84	8.50	18.70	5.54	1.05	58505
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.81	2.84	2.81	10.79	17.40	5.65	0.99	113048

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEIPT
Act 17-18	62.75	2.53	2.44	15.74	20.43	4.97	0.96	54676
APP 18-19	62.50	3.00	2.20		10.00	5.20	0.73	
Apr-18								
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML								

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEIPT
Act 17-18	62.19	3.08	2.51	8.00	34.25	5.59	0.81	1704562
APP 18-19	62.50	3.20	2.60	5.00	30.00	5.80	0.81	1330000
Apr-18	62.31	2.97	2.71			5.68	0.91	112166
May-18	62.25	2.88	2.90			5.78	1.01	145857
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.28	2.92	2.82			5.74	0.97	258023

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEIPT
Act 17-18	62.13	3.08	2.56	8.23	28.85	5.64	0.83	1237388
APP 18-19	62.00	3.90	2.60	5.00	35.00	6.50	0.67	700000
Apr-18	62.31	2.94	2.76			5.70	0.94	94838
May-18	62.21	2.91	2.89			5.80	0.99	89852
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.26	2.92	2.82			5.74	0.97	184690

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEIPT
Act 17-18	62.28	3.18	2.50			5.68	0.79	209772
APP 18-19	62.50	2.90	2.80	5.00	45.00	5.70	0.97	
Apr-18								
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML								

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.36	2.08	2.07	9.81	16.57	4.15	1.00	490459
APP 18-19	63.00	2.10	2.30	5.00	10.00	4.40	1.10	800000
Apr-18	63.68	2.38	1.94	8.50	15.30	4.32	0.82	17825
May-18	63.64	2.30	2.18	11.00	15.30	4.48	0.95	18899
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.66	2.34	2.06	9.76	15.30	4.40	0.88	36724

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.44	2.07	2.14	16.32	17.40	4.21	1.03	18583
APP 18-19	63.00	2.00	2.20		10.00	4.20	1.10	
Apr-18	63.74	2.25	1.79	17.00	13.00	4.04	0.80	7110
May-18	63.60	2.51	2.11	15.00	15.00			18391
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.64	2.44	2.02	15.55	14.45	4.46	0.83	25501

तल्डीह

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.94	2.23	2.45	2.23	2.45	4.68	1.10	100254
APP 18-19	63.00	2.40	2.40		10.00	4.80	1.00	420000
Apr-18	63.88	2.26	1.90	9.20	17.20	4.16	0.84	34140
May-18	63.36	2.55	2.32	9.20	15.60	4.87	0.91	25921
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.57	2.43	2.15	9.20	16.24	4.58	0.88	60061

ग्रनावल्ता :: राउरकेला इस्पात संयंत्र

काल्ट

फाईब्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.00	2.26	2.14	7.35	28.90	4.40	0.95	531521
APP 18-19	63.00	2.40	2.50	5.00	40.00	4.90	1.04	1200000
Apr-18	63.16	2.03	1.69	5.00	33.50	3.72	0.83	93661
May-18	63.09	2.49	2.08	6.30	26.10	4.57	0.84	66016
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.13	2.22	1.85	5.53	30.46	4.07	0.83	159677

मनोहरपूर

फाईब्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.54	2.53	2.58	5.66	30.75	5.11	1.02	39141
APP 18-19	63.00	2.40	2.60	5.00	40.00	5.00	1.08	50000
Apr-18								
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML								

तल्डीह

फाईब्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18				4.27	4.74			
APP 18-19	62.00	3.00	3.00	10.00	40.00	6.00	1.00	100000
Apr-18								
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML								

ગ્રણવત્તા :: બર્નપ્ર ઇસ્પાત સંયંત્ર

બોલાની

લમ્પ

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.64	2.81	3.01	17.15	5.55	5.82	1.07	500180
APP 18-19	62.70	2.70	2.40	5.00	10.00	5.10	0.89	650000
Apr-18	63.42	2.23	2.06	20.55	0.75	4.29	0.92	36226
May-18	62.59	1.89	3.05	16.16	0.61	4.94	1.61	32760
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.00	2.06	2.55	18.36	0.68	4.61	1.24	68986

ગૃઝા

લમ્પ

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.82	2.93	2.43	22.20	2.50	5.36	0.83	165071
APP 18-19	62.50	3.00	2.20		10.00	5.20	0.73	350000
Apr-18	63.41	2.05	1.76	23.77	0.92	3.81	0.86	66862
May-18	63.08	3.21	2.01	12.80	0.69	5.22	0.63	53760
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.22	2.73	1.91	17.37	0.79	4.64	0.70	120622

મનોહરપુર

લમ્પ

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.41	2.41	3.68	23.83	4.96	6.09	1.53	43027
APP 18-19	63.00	2.00	2.20		10.00	4.20	1.10	
Apr-17	63.84	2.70	2.04	21.63	4.03	4.74	0.76	4012
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.84	2.70	2.04	21.63	4.03	4.74	0.76	4012

ગ્રણવત્તા :: બર્નપ્ર ઇસ્પાત સંયંત્ર

બોલાની

ફાઈન્સ

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.37	2.93	3.14	9.05	42.61	6.07	1.07	1175040
APP 18-19	62.50	2.90	2.80	5.00	35.00	5.70	0.97	850000
Apr-18	62.21	3.14	3.14	7.40	45.93	6.28	1.00	123578
May-18	61.94	3.69	2.90	6.63	42.47	6.59	0.79	104272
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.08	3.41	3.02	7.03	44.25	6.43	0.89	227850

ગૃઝા

ફાઈન્સ

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.95	2.83	2.75	3.39	50.66	5.58	0.97	1153357
APP 18-19	62.50	2.90	2.80	5.00	45.00	5.70	0.97	1800000
Apr-18	62.65	2.92	2.97	6.30	50.82	5.89	1.02	117346
May-18	62.23	3.68	2.67	4.05	50.22	6.35	0.73	85420
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.46	3.27	2.83	5.26	50.54	6.10	0.87	202766

મેઘાહાતુબુર

ફાઈન્સ

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	61.13	1.87	4.21	19.60		6.08	2.25	3271
APP 18-19	62.50	3.00	2.50	5.00	10.00	5.50	0.83	
Apr-17	61.51	4.06	3.29	7.42	42.42	7.35	0.81	10476
May-17	61.67	4.86	3.02	4.12	56.19	7.88	0.62	7608
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	61.55	4.26	3.22	6.59	45.86	7.48	0.76	18084

गृणवत्ता :: बोकारो

लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/Si	RECPT
Act 17-18	63.19	2.73	1.86	13.54	19.96	4.58	0.68	2226628
APP 18-19	62.67	2.71	2.44	2.78	10.00	5.15	0.90	2700000
Apr-18	63.09	2.75	2.20	11.93	16.11	4.95	0.80	178066
May-18	63.22	2.69	2.12	10.39	16.22	4.81	0.79	185906
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.11	2.78	2.19	11.04	16.31	4.96	0.79	363972

गृणवत्ता:: दृग्गपुर

लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/Si	RECPT
Act 17-18	62.74	2.51	1.82	14.21	15.62	4.33	0.72	1358966
APP 18-19	62.64	2.79	2.34	5.00	10.00	5.13	0.84	1750000
Apr-18	63.14	2.10	1.85	25.66	13.33	3.95	0.88	110875
May-18	62.85	2.37	1.62	17.95	16.08	3.99	0.68	136826
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	61.30	2.18	1.67	20.93	14.74	3.85	0.76	247701

गृणवत्ता :: बोकारो

फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/Si	RECPT
Act 17-18	62.33	3.35	2.41	6.13	33.98	5.76	0.72	3910390
APP 18-19	62.38	3.15	2.72	5.45	31.74	5.87	0.86	4200000
Apr-18	62.10	3.38	2.79	6.73	31.85	6.17	0.82	270674
May-18	61.94	3.57	2.91	6.05	34.23	6.48	0.82	332918
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.01	3.48	2.86	6.38	33.05	6.34	0.82	603592

गृणवत्ता:: दृग्गपुर

फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/Si	RECPT
Act 17-18	63.34	2.62	1.97	4.27	46.20	4.59	0.75	2405030
APP 18-19	62.50	2.90	2.80	5.00	33.65	5.70	0.97	2520000
Apr-18	62.99	2.55	2.33	4.62	44.88	4.88	0.91	247845
May-18	62.56	3.06	2.44	3.34	45.68	5.49	0.80	242803
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.78	2.80	2.38	3.99	45.28	5.18	0.85	490648

गुणवत्ता :: राउरकेला

लम्प

BLEND	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.85	2.65	2.40	12.86	18.96	5.04	0.90	2119274
APP 18-19	62.78	2.51	2.44	1.73	10.00	4.95	0.97	2400000
Apr-18	63.13	2.76	2.42	13.59	15.87	5.18	0.88	175284
May-18	63.15	2.61	2.57	10.04	17.21	5.19	0.99	167588
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.12	2.69	2.51	11.80	16.51	5.20	0.93	342872

गुणवत्ता :: बर्नपुर इस्पात संयंत्र

लम्प

BLEND	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.64	2.79	2.97	18.42	4.74	5.76	1.07	770640
APP 18-19	62.67	2.75	2.35	3.85	10.00	5.10	0.85	1300000
Apr-18	63.43	2.14	1.87	22.60	0.98	4.01	0.88	107100
May-18	62.89	2.71	2.40	14.07	0.66	5.11	0.89	86520
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.15	2.49	2.14	17.81	0.82	4.63	0.86	193620

गुणवत्ता :: राउरकेला

फाईन्स

BLEND	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.30	2.95	2.47			5.42	0.84	3512612
APP 18-19	62.47	3.00	2.68	5.12	33.33	5.68	0.89	4050000
Apr-18	62.57	2.67	2.41			5.08	0.90	300665
May-18	62.42	2.81	2.72			5.53	0.97	304916
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.50	2.74	2.57			5.30	0.94	605581

गुणवत्ता :: बर्नपुर इस्पात संयंत्र

फाईन्स

BLEND	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.59	3.13	3.39	6.41	45.97	6.52	1.08	2530484
APP 18-19	62.42	3.06	2.77	5.00	35.71	5.83	0.91	3150000
Apr-18	62.39	3.05	3.07	7.04	47.91	6.13	1.01	257880
May-18	62.06	3.73	2.81	5.42	46.35	6.54	0.75	197300
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.24	3.36	2.95	6.31	47.08	6.31	0.88	455180

भवनाथपुर

ग्रनावत्ता :: बोकारो इस्पात संयंत्र

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 17-18					
APP 18-19	43.00	5.00	6.50	15.00	10.00
Apr-18					
May-18					
Jun-18					
Jul-18					
Aug-18					
Sep-18					
Oct-18					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML					

ग्रनावत्ता :: बोकारो

त्रिलसीदामर

BF DOLOMITE

	CaO	MgO	SiO ₂	OS	US
Act 17-18	29.75	18.89	5.47	5.92	9.88
APP 18-19	30.00	18.00	5.00	5.00	10.00
Apr-18	30.21	19.92	4.98	3.75	9.00
May-18	30.72	21.94	4.91	4.10	8.80
Jun-18					
Jul-18					
Aug-18					
Sep-18					
Oct-18					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	30.47	20.93	4.95	3.93	8.90

कुटेश्वर

ग्रनावत्ता :: बोकारो इस्पात संयंत्र

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 17-18	45.56	2.57	3.33	4	26.14
APP 18-19	50.00	2.25	3.50	5.00	5.00
Apr-18	42.91	2.30	3.68	2.76	22.73
May-18	44.76	1.87	3.58	6.33	25.83
Jun-18					
Jul-18					
Aug-18					
Sep-18					
Oct-18					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	43.84	2.09	3.63	4.55	24.28

ग्रनावत्ता :: भिलाई

कुटेश्वर

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 17-18	50.40	1.89	3.64	7.16	18.33
APP 18-19	50.00	2.25	3.50	5.00	5.00
Apr-18	50.02	2.09	3.95	6.95	19.72
May-18	49.99	2.26	3.92	8.40	16.81
Jun-18					
Jul-18					
Aug-18					
Sep-18					
Oct-18					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	49.99	2.21	3.92	7.96	18.01



PROJ. NO.	CUMM. UTILIS UPTO May'18	MAKE / TYPE	CAP	DATE OF COMMISSION	MAY 2018												2018-19											
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR		
EXCAVATORS																												
BE-16	33713	BEML,BE-1000	4.5CU.M	24-Jun-05	620	620										1220	1220											
TH-17	23146	TELCON,EX-1200	5.9 CU.M	16-Apr-07	620	620										1220	1220											
BE-18	22660	BEML,BE-1000	4.5CU.M	31-Jul-08	620	620										1220	1220											
				SUB TOTAL	1860	1860										3660	3660											
EX-19	20939	KOMATSU PC2000-8	9.5 CU.M	14-Nov-11	620		620	620	100.00	100.00	100.00					620		620	620	100.0	100.0	100.0						
EX-20	23488	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	5	411	615	204	99.19	33.17	32.90	1253	6.14	60.05	1220	45	753	1175	422	96.3	35.9	34.6	2533	6.00	67.65		
EX-22	11223	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620	4	306	616	310	99.35	50.32	50.00	1586	5.12	60.32	1220	4	606	1216	610	99.7	50.2	50.0	3044	4.99	73.11		
EX-23	7002	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620	8	196	612	416	98.71	67.97	67.10	2325	5.59	53.97	1220	32	412	1188	776	97.4	65.3	63.6	4082	5.26	47.68		
*EX-19 shifted to MIOM during July 16					SUB TOTAL	2480	17	913	2463	1550	99.31	62.93	62.50	5164	3.33	34.45	4280	81	1771	4199	2428	98.1	57.8	56.7	9659	3.98	45.37	
				TOTAL	4340	1877	913	2463	1550	56.75	62.93	35.71	5164	3.33	34.45	7940	3741	1771	4199	2428	52.9	57.8	30.6	9659	3.98	45.37		
DUMPERS																												
DUMPER, 85 TE DUM-87	14565	BEML,BH-85	85Te	30-Mar-08	620			620	620	100.00	100.00	100.00				1220	600		620	620	50.8	100.0	50.8					
				TOTAL	620			620	620	100.00	100.00	100.00				1220	600		620	620	50.8	100.0	50.8					
DUM 88	29820	KOMATSU HD785-7	100 Te	23-Jul-10	620		620	620	620	100.00	100.00	100.00				1220	600		620	620	50.8	100.0	50.8			11.85		
DUM 89	32816	KOMATSU HD785-7	100Te	23-Jul-10	620	59	211	561	350	90.48	62.39	56.45	1501	4.29	50.00	1220	177	380	1043	663	85.5	63.6	54.3	2540	3.83	39.59		
DUM-91	18890	CAT 777D	100T	2-Feb-12	620		390	620	230	100.00	37.10	37.10	979	4.26	52.17	1220	44	773	1176	403	96.4	34.3	33.0	1577	3.91	47.39		
DUM-92	21778	CAT 777D	100T	2-Feb-12	620	192	202	428	226	69.03	52.80	36.45	814	3.60	42.48	1220	294	440	926	486	75.9	52.5	39.8	1624	3.34	37.14		
DUM-93	6863	BEML BH-100	100T	2-May-15	620	152	321	468	147	75.48	31.41	23.71	651	4.43	61.56	1220	287	640	933	293	76.5	31.4	24.0	1227	4.19	45.39		
DUM-94	4754	BEML BH-100	100T	2-May-15	620	4	435	616	181	99.35	29.38	29.19	673	3.72	57.46	1220	51	828	1169	341	95.8	29.2	28.0	1228	3.60	58.21		
DUM-95	4213	BEML BH-100S	100T	May 2016	620	91	447	529	82	85.32	15.50	13.23	421	5.13	68.90	1220	91	876	1129	253	92.5	22.4	20.7	1316	5.20	49.84		
				TOTAL	4340	498	2006	3842	1836	88.53	47.79	42.30	5039	2.74	34.97	8540	1544	3937	6996	3059	81.9	43.7	35.8	9512	3.11	38.09		
DRILL																												
DM-17	21953	IR-ROTACOL-IDM-30	160mm	24-Mar-05	496	400	78	96	18	19.35	18.75	3.63			19.44	976	866	86	110	24	11.3	21.8	2.5	60	2.50	197.92		
DM-18	24733	AC-ROTACOL-IDM-30	160mm	19-May-08	496	84	211	412	201	83.06	48.79	40.52			26.37	976	156	352	820	468	84.0	57.1	48.0	4313	9.22	22.22		
DM-19	18768	AC-ROTACOL-IDM-30	160mm	14-Oct-09	496	496										976	976											
DM-20	6980	AC-ROTACOL-IDM-30	160mm	Oct '14	496	20	196	476	280	95.97	58.82	56.45			22.86	976	74	377	902	525	92.4	58.2	53.8	2655	5.06	24.19		
				TOTAL	1984	1000	485	984	499	49.60	50.71	25.15			24.15	3904	2072	815	1832	1017	46.9	55.5	26.1	7028	6.91	27.38		
DOZER																												
DOZ-27	31534	BEML, D-355	410HP	15-May-01	496	496										976	976											
DOZ-28	24171	BEML, D-355	410HP	14-May-04	496	252	179	244	65	49.19	26.64	13.10			46.92	976	584	301	392	91	40.2	23.2	9.3			49.45		
DOZ-29	18367	BEML, D-355	410HP	11-Jun-04	496	496										976	976											
DOZ-30	18958	BEML, D-355	410HP	8-Jul-07	496	48	338	448	110	90.32	24.55	22.18			37.73	976	190	550	786	236	80.5	30.0	24.2			45.30		
DOZ-31	16830	BEML, D-355	410 HP	19-Feb-09	496	333	112	163	51	32.86	31.29	10.28			39.41	976	684	197	292	95	29.9	32.5	9.7			49.05		
DOZ-32	4737	BEML, D-355	410 HP	17-Apr-15	496	232	182	264	82	53.23	31.06	16.53			48.54	976	436	331	540	209	55.3	38.7	21.4			38.42		
DOZ-33		BEML, D-356	410HP	22-Sep-17	496	3	231	493	262	99.40	53.14	52.82			38.74	976	21	451	955	504	97.8	52.8	51.6			35.02		
				TOTAL	3472	1860	1042	1612	570	46.43	35.36	16.42			23.14	5856	3867	1379	1989	610	34.0	30.7	10.4			45.70		
PAY LOADER																												
FEL-4	8194	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248	24	110	224	114	90.32	50.89	45.97			19.74	488	32	261	456	195	93.4	42.8	40.0			17.95		

MEGHAHATBURU IRON ORE MINES

PERFORMANCE REPORT OF HEMM

MAY 2016

2018-2019

PROJ. NO.	CUMM. UTILIS. UPTO May'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	MAY 2016											2018-2019											
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	NET UT%	ORPN UT %	TRIP	FEED RATE	HSD/HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT% net	Oprn UT %	TRIP	HSD/HR		
EXCAVATORS																											
4.5 CUM.																											
BE-11	36116	BEML	4.5 CUM	30-09-2005	744.00	744.00						#DIV/0!			#DIV/0!	#DIV/0!	1464	1224	214	240	26	16.39	1.78	10.83	100.00	23.08	
			4.5 CUM	TOTAL	744.00	744.00						#DIV/0!			#DIV/0!	#DIV/0!	1464	1224	214	240	26	16.39	1.78	10.83	100	23.08	
9.5 CUM.																											
PC-14	28655	KOMATSU	9.5 CUM	20-01-2012	744.00	221.50	228.50	522.50	294.00	70.23	39.52	56.27	3760	12.79	74.32	1464	505	418	960	542	65.54	37.02	56.49	6646.00	73.93		
PC-17	12846	KOMATSU	9.5 CUM	24-07-2015	744.00	151.00	221.00	593.00	372.00	79.70	50.00	62.73	4623	12.43	75.81	1464	267	417	1197	780	81.76	53.28	65.16	9369.00	75.58		
PC-18	26297	KOMATSU	9.5 CUM	11-07-2016	744.00	170.00	217.00	574.00	357.00	77.15	47.98	62.20	4037		75.49	1464	396	391	1068	677	72.95	46.24	63.39	7557.00	76.00		
			9.5 CUM	TOTAL	2232.00	542.50	666.50	1689.50	1023.00	75.69	45.83	60.55	12420	12.14	48.92	4392	1168	1226	3225	1999	73.42	45.51	61.99	23572.00	75.27		
DUMPER,50 TE																											
D - 49	27804.5	BEML	50 TON	05-03-2007	744.00	270.00	307.50	474.00	166.50	63.71	22.38	35.13	414.00	2.49	24.02	1464	765	498	699	202	47.75	13.76	28.83	428	23.57		
D - 50	23971	BEML	50 TON	15-04-2007	744.00	718.00	12.00	26.00	14.00	1.75	0.94	53.85	16.00	1.14	21.43	1464	1434	14	30	16	2.05	1.09	53.33	16	18.75		
			50 TON	TOTAL	1488.00	988.00	319.50	500.00	180.50	33.60	12.13	36.10	430.00	2.38	23.82	2928	2199	512	729	218	24.90	7.43	29.84	444	23.22		
DUMPER,100 TE																											
D - 51	26363	KOMATSU	100 TON	01-09-2010	744.00	236.00	188.00	508.00	320.00	68.28	43.01	62.99	1286.00	4.02	40.94	1464	349	373	1115	742	76.16	50.68	66.55	2770.00	36.86		
D - 52	27884	KOMATSU	100 TON	01-09-2010	744.00	182.00	162.00	562.00	400.00	75.54	53.76	71.17	1343.00	3.36	0.75	1464	352	333	1112	779	75.96	53.21	70.05	2685.00	17.15		
D - 53	26827	KOMATSU	100 TON	01-09-2010	744.00	744.00				-	-	#DIV/0!		#DIV/0!	#DIV/0!	1464	1425	17	39	22	2.66	1.50	56.41	80.00	209.09		
D - 54	14474	CATER	100 TON	06-02-2012	744.00	289.50	346.50	454.50	108.00	61.09	14.52	23.76	383.00	3.55	60.65	1464	660	584	805	221	54.95	15.10	27.47	727.00	48.19		
D - 55	16569	CATER	100 TON	06-02-2012	744.00	274.50	284.50	469.50	185.00	63.10	24.87	39.40	719.00	3.89	61.08	1464	502	615	963	348	65.74	23.77	36.16	1178.00	48.68		
D - 56	5167	BEML	100 TON	09-05-2016	744.00	236.00	201.00	508.00	307.00	68.28	41.26	60.43	1163.00	3.79	40.07	1464	423	435	1041	606	71.11	41.39	58.21	2241.00	38.28		
D - 57		BEML	100 TON	09-05-2016	744.00	206.50	208.50	537.50	329.00	72.24	44.22	61.21	1229.00	3.74		1464	418	464	1047	583	71.48	39.82	55.71	2086.00	15.69		
			100 TON	TOTAL	5208.00	2168.50	1390.50	3039.50	1649.00	58.36	31.66	54.25	6123.00	3.71	28.68	10248	4128	2820	6121	3301	59.72	32.21	53.93	11767.00	31.88		
DRILL																											
DM - 7	23455.5	IR	6 " DIA	01-04-2005	372.00	170.00	108.50	202.00	93.50	54.30	25.13	46.29	871.00	9.32	33.69	732	265	257	467	211	63.80	28.76	45.07	1421	32.73		
DM - 8	20094	IR	6 " DIA	05-05-2008	372.00	80.00	58.00	292.00	234.00	78.49	62.90	80.14	3813.00	16.29	36.75	732	132	107	600	493	81.97	67.35	82.17	8063	35.19		
DM - 9	18313	IR	6 " DIA	16-09-2009	372.00	372.00				-	-	#DIV/0!	80.00	#DIV/0!	#DIV/0!	732	732				-	-	#DIV/0!	80	#DIV/0!		
DM - 10	10003.5	IR	6 " DIA	06-11-2014	372.00	47.50	55.00	324.50	269.50	87.23	72.45	83.05	5130.00	19.04	33.95	732	84	116	649	533	88.59	72.75	82.11	9410	27.47		
	3		TOTAL	1488.00	669.50	221.50	818.50	597.00	55.01	40.12	72.94	9894.00	16.57	35.01	2928	1213	480	1716	1236	58.59	42.21	72.05	18974	31.45			
DOZER																											
DOZ-21	13271	BEML	410 HP	04.11.05						#DIV/0!	#DIV/0!	#DIV/0!				#DIV/0!					#DIV/0!	#DIV/0!					
DOZ-22	21121	BEML	410 HP	01-01-2007						#DIV/0!	#DIV/0!	#DIV/0!				#DIV/0!					#DIV/0!	#DIV/0!	#DIV/0!			#DIV/0!	
DOZ-23	20528	BEML	410 HP	02-10-2008	744.00	257.00	279.00	487.00	208.00	65.46	27.96	42.71				23.56	1464	482	472	982	510	67.08	34.84	51.93		22.84	
DOZ-24	16677.5	BEML	410 HP	06-04-2010	744.00	263.00	242.50	481.00	238.50	64.65	32.06	49.58				22.14	1464	507	435	957	523	65.37	35.69	54.60		22.83	
DOZ-25	7545	BEML	410 HP	28-12-2010	744.00	744.00				-	-	#DIV/0!				#DIV/0!	1464	1460	2	4	2	0.27	0.14	50.00			
DOZ-26	15574	BEML	410 HP	16-05-2011	744.00	219.00	393.00	525.00	132.00	70.56	17.74	25.14				24.62	1464	544	611	920	309	62.84	21.11	33.59		23.62	
DOZ-27	8781	BEML	410 HP	28-04-2015	744.00	380.50	191.50	363.50	172.00	48.86	23.12	47.32				24.13	1464	843	321	622	301	42.45	20.56	48.43		24.25	
DOZ-28	491				744.00	132.50	331.50	611.50	280.00	82.19	37.63	45.79				24.64	1464	281	693	1184	491	80.84	33.54	41.49		24.34	
			6	TOTAL	3720.00	1863.50	1106.00	1856.50	750.50	49.91	20.17	40.43				23.42	8784	4116	2533	4668	2136	53.14	24.31	45.75		23.47	
PAY LOADER																											
PL - 03	3985	HYUNDAI	3.7 CU.M	18-09-2012	744.00		744.00	744.00		100	-	-		#DIV/0!	#DIV/0!	1464	720	744	744		0.51	-					
				TOTAL	744.00		744.00	744.00		100	-	-		#DIV/0!	#DIV/0!	1464	720	744	744		0.51	-					

BOLANI MINES

PERFORMANCE REPORT OF HEMI

PROJ. NO.	CUMM. UTILIS. UPTO May '18	MAKE / TYPE	CAP	DATE OF COMMISSION	MAY 2018											2018-19											
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR	
EXCAVATORS																											
EX-20	25049	BEML,BE-1000	4.5 CuM	Mar-04	392	25	339	367	28	93.62	7.63	7	204	7.29	46.43	584	25	525	559	34	95.72	6.08	5.82	222	6.53	58.82	
EX-21	17514	TELCON,1200V-1018	5.9 CuM	28-May-07	400	50	301	350	49	87.50	14.00	12	379	7.73	95.92	592	50	493	542	49	91.55	9.04	8.28	379	7.73	108.16	
EX-22	18584	BEML,BE-1000	4.5 CuM	22-Dec-08	328	51	183	277	94	84.45	33.94	29			40.43	712	118	407	594	187	83.43	31.48	26.26	522	2.79	44.12	
EX-23	15805	BEML, BE-1000	4.5CuM	18-Feb-10	328	328										712	712										
EX-24	11066	BEML, BE-1600	7.5CuM	04-Aug-11	392	60	255	332	77	84.69	23.19	20	652	8.47	76.62	584	61	441	524	83	89.64	15.76	14.13	677	8.21	71.52	
EX-27	173	BEML, BE-1000-1	4.5 CuM	19-Dec-17	392	55	257	337	80	85.97	23.74	20	751	9.39	58.63	576	55	441	521	80	90.45	15.36	13.89	751	9.39	58.63	
* EX 22 & 23 are being utilised at Taldih, EX-24 Engine sent to GOM					TOTAL	1840	514	1078	1326	248	72.07	18.70	13.48	1235	4.98	82.22	3184	966	1866	2219	353	69.68	15.89	11.07	1800	5.11	60.85
DUMPER,50 TE																											
HPD-87	26311	BEML,210M	50T	Apr-2000	392	8	376	384	8	97.96	2.08	2.04	28	3.50	100.00	584	8	568	576	8	98.63	1.39	1.37	28	3.50	100.00	
HPD-90	16403	BEML,210M	50T	APR'05	648	17	631	631		97.38						648	17	631	631		97.38						
BH-93 (WT)	23557	BEML,210M	50T	21-Feb-08	436	37	291	399	108	91.51	27.07	24.77	42	0.39	20.46	660	40	501	620	119	93.94	19.19	18.03	42	0.35	20.67	
BH-94	22218	BH-50 M	50T	22-Dec-08	216	33	156	183	27	84.72	14.75	12.50			40.74	408	33	348	375	27	91.91	7.20	6.62			50.00	
BH-95	29380	BH-50 M	50T	6-Feb-09	392	25	196	367	171	93.62	46.59	43.62	485	2.84	28.51	752	85	423	667	244	88.70	36.58	32.45	485	1.99	26.07	
BH-96	24921	BH-50 M	50T	20-Aug-09	392	174	193	218	25	55.61	11.47	6.38	64	2.56	52.00	584	174	385	410	25	70.21	6.10	4.28	64	2.56	68.00	
BH-99 (@ MIOM-13609)	8562	BH-50 M	50T	20-Feb-14	424	68	243	356	113	83.96	31.74	26.65	110	0.97	23.89	808	125	485	683	198	84.53	28.99	24.50	110	0.56	22.35	
* BH-95, 96 & 99 are being utilised at Taldih					TOTAL	2900	362	2086	2538	452	87.52	17.81	15.59	729	1.61	28.73	4444	482	3341	3962	621	89.15	15.67	13.97	729	1.17	27.53
DUMPER,60 TE																											
HPD-101	430	BEML,BH-60	60 T	16-Nov-17	392	51	22	341	319	86.99	93.55	81.38	592	1.86	18.98	584	52	201	532	331	91.10	62.22	56.68	614	1.85	19.65	
HPD-102	412	BEML,BH-60	60 T	23-Nov-17	392	47	19	345	326	88.01	94.49	83.16	551	1.69	20.49	584	48	198	536	338	91.78	63.06	57.88	572	1.69	20.65	
					TOTAL	784	98	41	686	645	87.50	94.02	82.27	1143	1.77	19.74	1168	100	399	1068	669.00	91.44	62.64	57.28	1186	1.77	20.16
DUMPER,100 TE																											
BH-97	8601	BEML,BH-100	100 T	4-Aug-11	312	10	294	302	8	96.79	2.65	2.56	18	2.25	168.75	504	10	486	494	8	98.02	1.62	1.59	18	2.25	168.75	
BH-98	7927	BEML,BH-100	100 T	04-Aug-11	312	10	294	302	8	96.79	2.65	2.56	19	2.38	218.75	504	10	486	494	8	98.02	1.62	1.59	19	2.38	218.75	
					TOTAL	624	20	588	604	16	96.79	2.65	2.56	37	2.31	193.75	1008	20	972	988	16.00	98.02	1.62	1.59	37	2.31	193.75
DRILL																											
DM-7	23425	AC - IDM-30	160mm	29-Jan-98	312	152	160	160		51.28						504	152	352	352		69.84						
DM-9	9396	AC - IDM-30	160mm	30-Sep-09	312	40	257	272	15	87.18	5.51	4.81			80.00	504	40	449	464	15	92.06	3.23	2.98			80.00	
DM-10	4632	AC - IDM-30	160mm	15-Jan-15	328	25	238	303	65	92.38	21.45	19.82			34.62	712	26	618	686	68	96.35	9.91	9.55			33.09	
* DM-10 is being utilised at Taldih					TOTAL	952	217	655	735	80	77.21	10.88	8.40			46.88	1720	218	1419	1502	83	87.33	5.53	4.83			45.18
DOZER																											
TR-36 (B/V)	13921	BEML,D-155A	320 HP	23-Apr-05	672	613	59	59		8.78						1248	627	621	621		49.76						
TR-37	13786	BEML,D-155A	320 HP	22-Jun-07	672	234	386	438	52	65.18	11.87	7.74			33.65	1248	810	386	438	52	35.10	11.87	4.17			33.65	
TR-38	15239	BEML, D-355	410 HP	16-Feb-10	336	26	219	310	91	92.26	29.35	27.08			34.62	720	51	519	669	150	92.92	22.42	20.83			35.33	
TR-39	9774	BEML, D-355	410 HP	10-Apr-12	512	35	410	477	67	93.16	14.05	13.09			35.15	896	61	674	835	161	93.19	19.28	17.97			31.09	
TR-40	6721	BEML, D-355	410 HP	6-May-14	392	46	324	346	22	88.27	6.36	5.61			56.82	584	47	513	537	24	91.95	4.47	4.11			72.92	
* TR-38 is being utilised at Taldih					TOTAL	2584	954	1398	1630	232	63.08	14.23	8.98			36.66	4696	1596	2713	3100	387	66.01	12.48	8.24			35.67
PAY LOADER																											
FEL-6	9108	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	392	3	385	389	4	99.23	1.03	1.02			87.50	584	4	573	580	7	99.32	1.21	1.20			142.86	
FEL-7	6470	HYUNDAI	280 HP	27-Aug-11	672	19	615	653	38	97.17	5.82	5.65			22.11	1248	38	1147	1210	63	96.96	5.21	5.05			15.71	
					TOTAL	1064	22	1000	1042	42	97.93	4.03	3.95			28.33	1832	42	1720	1790	70	97.71	3.91	3.82			28.43

GUA ORE MINES
PERFORMANCE REPORT OF HEMM

	CUMM. UTILIS. UPTO May'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	MAY 2018										2018-2019																							
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD/HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD /HR												
EXCAVATORS																																						
> 4.5 CuM																																						
D-12	9219	BE 1600	7.5 CuM	16-Feb-11	744	118	380	626	246	84.14	39.30	33.06	639	2.60	54.27	1464	801	406	663	257	45.29	38.76	17.55	639	2.49	54.67												
D-12A	18064	BE 1000(D)	4.5 CuM	27-Apr-08	744	744				#DIV/0!						1464	1433	21	31	10	2.12	32.26	0.68	64	6.40	60.00												
D-14	22279	KOMATSU	9.5 CuM	06-Apr-12	744	115	316	629	313	84.54	49.76	42.07	1656	5.29	74.71	1464	232	511	1232	721	84.15	58.52	49.25	4381	6.08	81.95												
D-15	15618	KOMATSU	9.5 CuM	31-Aug-15	744	132	133	612	479	82.26	78.27	64.38	2874	6.00	80.43	1464	234	390	1230	840	84.02	68.29	57.38	4903	5.84	82.53												
					4											5856	2700	1328	3156	1828	53.89	57.92	31.22	9987	5.46	78.26												
DUMPER,50 TE																																						
R/D-85	18553	BEML-BH-50M	50 Te	Mar- 08	744	744				#DIV/0!						1464	1464																					
R/D-86	19865	BEML-BH-50M	50Te	Sep-08	744	118	611	626	15	84.14	2.40	2.02				1464	219	1217	1245	28	85.04	2.25	1.91			21.43												
R/D-87	17443	BEML-BH-50M	50Te	Dec-08	744	30	714	714		95.97						1464	50	1403	1414	11	96.58	0.78	0.75			36.36												
					2											20.00	4392	1733	2620	2659	39	60.54	1.47	0.89			25.64											
DUMPER,100 TE																																						
R/D-88	23684	KOMAT.HD785-7	100 T	10-Sep-10	744	575	32	169	137	22.72	81.07	18.41	394	2.88	47.66	1464	659	157	805	648	54.99	80.50	44.26	1819	2.81	57.58												
R/D-89	23419	KOMAT.HD785-7	100 T	10-Sep-10	744	133	129	611	482	82.12	78.89	64.78	1401	2.91	46.94	1464	216	269	1248	979	85.25	78.45	66.87	2691	2.75	50.36												
R/D-90	16384	CAT 777D	100 T	25-Jan-12	744	744				#DIV/0!						1464	1457		7	7	0.48	100.00	0.48	14	2.00													
R/D-91	12573	CAT 777D	100 T	25-Jan-12	744	173	167	571	404	76.75	70.75	54.30	1750	4.33	48.34	1464	217	652	1247	595	85.18	47.71	40.64	2871	4.83	50.64												
R/D-92	8571	BEML - BH 100	100 T	27-May-15	744	325	185	419	234	56.32	55.85	31.45	722	3.09	47.66	1464	618	377	846	469	57.79	55.44	32.04	1133	2.42	55.90												
R/D-93	6262	BEML - BH 100	100 T	10-Jun-15	744	321	112	423	311	56.85	73.52	41.80	902	2.90	51.06	1464	722	244	742	498	50.68	67.12	34.02	1468	2.95	50.65												
					6											TOTAL	4464	2271	625	2193	1568	49.13	71.50	35.13	5169	3.30	48.29	8784	3889	1699	4895	3196	55.73	65.29	36.38	9996	3.13	52.62
DRILL																																						
DM-10	15349	IR-ROTA COL-IDM-30	160mm	Feb- 04	496	255	177	241	64	48.59	26.56	12.90	604	9.44	47.27	976	407	364	569	205	58.30	36.03	21.00	1714	8.36	43.29												
DM-12A	7627	AC-ROTA COL-IDM-30	160mm	Sep-08	496	173	164	323	159	65.12	49.23	32.06	865	5.44	35.38	976	298	363	678	315	69.47	46.46	32.27	2276	7.23	32.89												
DM-14	13582	AC-ROTA COL-IDM-30	160 mm	12-Sep-09	496	496				#DIV/0!						976	976																					
DM-15	5507	AC-ROTA COL-IDM-30	160 mm	8-Dec-14	496	116	203	380	177	76.61	46.58	35.69	2942	16.62	43.19	976	237	393	739	346	75.72	46.82	35.45	4865	14.06	39.39												
					4											TOTAL	1984	1040	544	944	400	47.58	42.37	20.16	4411	11.03	40.74	3904	1918	1120	1986	866	50.87	43.61	22.18	8855	10.23	38.61
DOZER																																						
DOZ-21	16665	BEML D-355	410 HP	May- 03	496	222	30	274	245	55.24	89.23	49.29			25.44	976	518	96	458	363	46.93	79.15	37.14			26.59												
DOZ-22	16083	BEML D-355	410 HP	Feb-04	496	496				#DIV/0!						976	976																					
DOZ-23	14111	BEML D-355	410 HP	May-08	496	240	252	256	4	51.61	1.56	0.81				976	456	334	520	186	53.28	35.77	19.06			22.15												
DOZ-24	10299	BEML D-355	410 HP	Sep-08	496	130	5	366	361	73.79	98.63	72.78			32.12	976	261	192	715	523	73.26	73.15	53.59			32.78												
DOZ-25	8445	BEML D-355	410 HP	25-Apr-14	496	496				#DIV/0!						976	692	42	284	243	29.10	85.39	24.85			26.25												
DOZ-26	5995	BEML D-355	410 HP	08-Sept-17	496	81		415	415	83.67	100.00	83.67			27.29	976	171	141	805	664	82.48	82.48	68.03			31.46												
					6											TOTAL	3472	2161	287	1311	1025	37.76	78.15	29.51			28.44	6352	3570	804	2782	1978	43.80	71.10	31.14			29.40
PAY LOADER																																						
PL-7	10320	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	744	292	51	452	401	60.75	88.72	53.90			11.66	1464	599	238	865	627	59.08	72.49	42.83	9	0.01	7.46												
PL-8	4769	Hyundai-hl770-7A	280 HP	01-Jun-10	744	744				#DIV/0!						1464	1464																					
					TOTAL	1488	1036	51	452	401	30.38	88.72	26.95			11.66	3648	2783	238	865	627	23.71	72.49	17.19	9	0.01	13.44											

EQUIPMENT AVAILABILITY & UTILISATION
May-18

UNIT IN %

EQPMT TYPE	NORM	KIRIBURU				MEGHAHATUBURU				BOLANI				BARSUA/TALDIH				GUA					
		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM			
		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	50	51	47	56	55	73	59	72	71	34	72	33	77	11	87	6	48	42	51	44
SHOVEL	HYD(D) <4.6 m ³	70	75							16	11	92	9	84	15	88	22	90	18				
	HYD(D) >4.6 m ³	85	80	99	50	98	51	76	61	73	62	80	30	77	33	86	24	90	12	42	83	54	58
DUMPER	85/ 60 tn	65	75														88	94	91	63			
	50 tn	70	80	8	19	5	22	34	36	25	30	32	7	38	16	88	18	89	16	60	1	61	1
	100 tn	85	80	74	38	75	38	58	54	60	54	72	31	70	32	97	3	98	2	49	72	56	65
DOZER		70	70	38	28	34	31	55	42	53	46	65	32	64	35	63	14	66	12	44	78	48	71
CRUSHING PLANT		85	85					97	49	89	52	85	50	76	58								
SCREENING PLANT		85	85					88	48	90	48	95	57	91	60								
OHP		85	85	93	72	93	71													90	88	92	89

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Consumption of Key Consumables in 2018-19(Kiriburu)

Item	HSD			EXPL	POWER	LUBRICANT								
Unit	Litre			kg	KWH	Litre/Kg	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	0	1410525	633037.6	0.12	0.55	5.45	29.26
2012-13	2304757	777352	3082109	619868	29233456	115903	3958695	0	1481400	187362	0.11	0.56	5.37	21.12
2013-14	2028772	794925	2823697	502158	31070636	126608	3443634	24977	1334250	0	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	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	346567	103051	449618	83002	4282184	10710	588320	55000	272270	10000	0.09	0.51	4.68	12.21
April'18	166292	48694	214986	53245	2164676	4200	248830	29000	173000	10000	0.12	0.50	4.80	9.73
May'18	180275	54357	234632	29757	2117508	6510	339490	26000	99270	0	0.06	0.53	4.56	14.62

Consumption of Key Consumables in 2018-19(Meghahatuburu)

Item	HSD			EXPL	POWER	LUBRICANT								
Unit	Litre			kg	KWH	Litre/Kg	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	0	1305800	155000	0.06	0.44	3.63	23.61
2015-16	2225132	166400	2391532	519270	19481640	115697	3737160	0	1716350	896600	0.08	0.43	3.57	20.70
2016-17	2572886	44085	2616971	515440	17964960	126531	3711060	162000	2828750	234000	0.07	0.39	2.68	19.06
2017-18	2625542	51700	2677242	653081	18582360	119195	3784340	183000	2938950	1026000	0.08	0.38	2.69	16.97
2018-19	444944	16090	461034	114771	2428080	19306	567880	29000	533900	110000	0.09	0.41	2.15	16.99
April'18	220289	6030	226319	53177	1228440	9646	279290	20500	230200	50000	0.09	0.43	2.32	18.30
May'18	224655	10060	234715	61594	1199640	9660	288590	8500	303700	60000	0.09	0.39	2.00	15.85

Consumption of Key Consumables in 2017-18(Bolani)

Item	HSD	Expl	Power	Lubricant	DEPTT ROM	F/G AREA CONTR SCR	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
Unit	Litre	kg	KWH	Litre/Kg									
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	0	1735825	1382700	1085889	0.12	0.40	3.25	18.66
2016-17	2538285	618000	22677280	116550	4014310	0	1667532	1534785	920488	0.08	0.41	3.14	18.81
2017-18	2514011	935809	20339200	125936	3712455	0	1543746	1417555	1853008	0.11	0.42	3.05	21.06
2018-19	417749	146245	3102720	19502	460200	0	316271	366950	247193	0.11	0.43	2.71	20.15
April'18	204486	59590	1433760	7602	147900	0	160208	251000	134324	0.09	0.43	2.56	16.09
May'18	213263	86655	1668960	11900	312300	0	156063	115950	112869	0.12	0.43	2.86	24.02

Consumption of Key Consumables in 2018-19(Barsua-Taldih)

Item	HSD			Expl	Power	Lubricant									
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	TALDIH OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL				BARSUA	TALDIH	BARSUA			0.08	0.46	4.90	25.00
2011-12	1753745			233475	16215900	78287	1979803		1340775	859275.2		0.06	0.50	4.88	22.14
2012-13	1879641	30150	1909791	254675	14962260	99939	2281296		1350990	175261.7		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	0	0	2384140	0		0.11	0.52	6.62	19.87
2016-17	934836	0	934836	188625	15520680	46730	0	173700	1804950	0	294165	0.10	0.45	7.84	22.26
2017-18	386285	0	386285	95062	13554044	11893	0	1052111	85675	0	206145	0.07	1.32	11.91	40.75
2018-19	108280	0	108280	11700	2184514	2317	88915	187982	2300	0	45450	0.04	0.79	7.82	16.95
April'18	26265	0	26265	4950	1113077	341	0	98306	0	0	23490	0.04	0.55	9.14	14.52
May'18	82015	0	82015	6750	1071437	1976	88915	89676	2300	0	21960	0.03	0.60	5.28	17.46

Consumption of Key Consumables in 2017-18(Gua)

Item	HSD			Expl	Power	Lubricant								
Unit	Litre			kg	KWH	Litre/Kg	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	0	674441	1325210	0.08	0.54	5.76	29.61
2011-12	1026199	12194	1038393	121305	16608240	50419	543562	0	236868	225000	0.12	1.24	21.28	60.26
2012-13	530895	31972	562867	0	15732024	22133	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2013-14	2677615	20143	2697758	423955	17447568	104254	3764538	0	1344785	0	0.08	0.53	3.41	20.40
2014-15	2085242	22389	2107631	277410	16677691	70037	2479410	0	752085	0	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	0.08	0.54	3.32	19.80
2017-18	3087765	2220	3089985	388490	18466944	105288	4002700	0	1573793	0	0.07	0.55	3.31	18.88
2018-19	546878	0	546878	82100	2970120	19292	682100	0	285680	0	0.08	0.57	3.07	19.93
April'18	276728	0	276728	31287	1431744	8862	341000	0	127530	0	0.07	0.59	3.06	18.91
May'18	270150	0	270150	50813	1538376	10430	341100	0	158150	0	0.10	0.54	3.08	20.89

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' 2018 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. Several representation was made by SAIL to MoS/MOEFCC/MoM for kind intervention to expedite the Stage-II FC of South-Central Block. Recently, ED (RP&E) met DG&SS at New Delhi on 22.03.18 and subsequently met IG (Forest) on 23.03.18. During the meeting, it was requested for early grant of pending final FC's of SAIL in Saranda Forest Division.					EC granted for 16 MTPA capacity (7.5 MTPA for KIOM & 8.5 MTPA for MIOM) on 23.09.2014. CTO for 16 MTPA capacity was obtained from JSPCB & valid 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. Further FC granted for the remaining forest land covering 261.95 ha on 12.11.2014. Stage-I FC for additional 87.09 ha sabik FL was obtained on 12.09.2017. FRA certificate issued by Collector, Keonjhar on 31.01.2018. NPV for 87.09 ha has been paid. CA,SZ & Addl CA land identified and scheme has been approved. Necessary payment has been processed during March 2018 for approval. Proposal is under scrutiny with DFO, Keonjhar.					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 & Valid upto 31.03.2019.			
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	MoEFC&CC vide letter dated 24.07.17 issued amended Stage-I FC order for HAL forest. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & other compliance is under progress. In addition to that, Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. SABIK FC proposal was forwarded to Addl PCCF (N) on 02.06.2018.					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 29.03.2018 with validity upto 31.03.2019.			
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.					EC granted by MoEFCC vide letter dated 29th Oct'10. Amendment EC for ML-130 lease of Barsua-Taldih- Kalta has been granted on 30.03.2016 for redistribution of production Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Taldih to 2.05 Mt/yr. Consent to Operate renewed with validity upto 31.03.2019. CTO of Barua Railway siding has been granted on 29.03.2018 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.					For obtaining EC,ToR application submitted to MoEFCC, New Delhi on 18.01.2018. EAC meeting held on 22.03.2018 for grant of ToR for conducting EIA study. ADS reply submitted in May 18.			
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' 2018
MINE	GRANTED ON	VALID UPTO	AREA (in ha.)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	ENVIRON. CLEARANCE (EC)		
BHAWANATHPUR								
GORGAON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)				
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgaon, Ghagra & Saraiya leases has been approved by SAIL-Board In its May 2017 meeting and Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval.			
SARAIYA	31.03.66	31.03.20	275	01.03.07 (3rd RML)				
PURNAPANI	06.01.80	31.03.20	230.525	30.12.98	No forest land involved	Non-working lease. No EC		
GHATITANG	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 31.07.2018.		
RIGHT BANK LEASE	10.06.71	09.06.21	944.89	NA	No forest land.	EC granted for 2.32 MTPA capacity by MoEFCC on 02.09.2015.CTE granted on 31.12.2015 for 2.32 MTPA expansion. CTO was renewed by MPPCB for the period upto 31.01.2020.		
TULSIDAMA R	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. NPV paid for total forest land involved in the project on 30.03.2016.	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 was valid up to 30.06.2018. Renewal application for grant of CTO beyond 30.06.2018 upto 2020 has been submitted on 27.02.2018.		

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

Status as on MAY' 2018

MINE	GRANTED ON	VALID UPTO	AREA (in ha)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	ENVIRONMENT CLEARANCE (EC)
GUA						
Durgaiburu	22.02.49	21.02.79	1443.756	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 in addition to 274.691 ha. Stage- I compliance report wa submitted to DFO 02.06.2015. State Govt. vide letter dated 30.07.2015 forwarded the proposal to MoEFCC, New Delhi for gran of Stage-II FC. Several representation was made by SAIL to MoS/MOEFCC/MoM for kind intervention to expedite the Stage-II FC of Gua. Recently, ED (RP&E) met DGFS&SS at New Delhi on 22.03.18 and subsequently met IG (Forest) on 23.03.18. During the meeting, it was requested for early grant of pending final FC's of SAIL in Saranda Forest Division.	EC granted on 25.03.2013 by MoEF for Iron Ore (ROM)-10 Million TPA, Iron Ore Fines - 2.5 Million TPA (from existing fine dumps), Iron Ore Beneficiation Plant - 12.5 million TPA Throughput capacity(Outside lease area), Pellet Plant -4 million TPA (Outside lease area) . CTO granted 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 and DSS confirmation by State Forest department is under progress.	ToR for conduting EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Public hearing was successfully conducted at Gua project site on 12.11.16. Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & gant of EC. MoEFCC vide letter dtd 03.04.17 informed that EC proposal will be considered after approval of Carrying Capacity study. MoEF&CC on 13.11.17 asked Additional details sought 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.
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 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. The proposal is pending with Regional Office, MoEFCC.	TOR for conducting EIA Study for production of 20,820 TPA Mn ore was granted by MoEF on 23.07.2012. Public Hearing was conducted on 31.01.2014 at Gua. Final EIA/EMP report was submitted to MoEFCC on 12.07.16 for grant of EC. The proposal was transferred to SEIAA, Ranchi by MoEFCC on 04.08.2017 as Catgory-B project. SEAC Meeting for grantof EC has been held at Ranchi on 22.02.2018. ADS reply submitted to SEIAA, Ranchi on 19.05.2018. SEAC meeting held on 01.06.2018 and considered the proposal.
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.	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 to State govt. on 26.12.13 .Grant of Stage – II FC is pending with MoEFCC since 24.07.2015	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.CTE granted by JSPCB on 25.01.2016 with validity of 6 months i.e. upto 24.07.2016. The validity of CTE has been extended till 24.07.17 by JSPCB. Further, validity of CTE extended by JSPCB on 04.08.2017 for a period upto 24.07.2018.
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.JSPCB vide letter dated 29.05.17 extended the CTE validity upto 21.05.18.
Dhobil	08.03.48	07.03.38	513.036	06.03.97 (2nd RML)	Forestry clearance exists.	EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 24.01.2012 and amended dated 01.05.12 for production capacity to 0.75 MTPA. The amendment of EC for continuation of ore transportation by road for 5 more years beyond June, 2017 was granted on 19.04.17. Consent to Operate for 0.75 MTPA has been renewed by JSPCB on 09.03.2018 for the period up to 31.03.2022. CTO for Manoharpur siding for dispatch of 2.5 lakhs T/month of iron ore was granted by JSPCB on 08.12.16 for period upto 30.06.2021.
Tatiburu	01.09.49	31.08.79	38.85	24.08.08 (2nd RML)	Virgin & Non-working lease.No FC	No EC
Ankua	14.06.82	31.03.20	67.178	18.06.11 (2nd RML)	Virgin & Non-working lease.No FC	No EC

RMD MANPOWER POSITION AS ON 01.06.2018			
	Executives	Non-Executives	Total
A. ORE MINES			
Kiriburu	91	541	632
Meghahatuburu	72	495	567
Bolani	93	428	521
Barsua	54	299	353
Kalta	15	60	75
Gua	65	517	582
Manoharpur(Chiria)	16	54	70
A.TOTAL	406	2394	2800
B. FLUX MINES			
Purnapani	0	10	10
Kuteshwar	23	107	130
BNP & TDMR	12	88	100
Satna	0	1	1
B. TOTAL	35	206	241
C. OFFICES			
Kolkata	67	33	100
Rourkela	13	16	29
Bokaro	1	4	5
Durgapur	1	4	5
Delhi	3	2	5
Bhubaneswar	1	2	3
Ranchi	1	1	2
Burnpur	0	1	1
MT	6	0	6
C. TOTAL	93	63	156
GRAND			
TOTAL(A+B+C)	534	2663	3197
Manpower as on 01.05.2018	536	2681	3217
Reduction(-) / Increase(+)	-2	-18	-20

SAFETY REPORT

1.0 Accident Statistics:

Type of accident											
Fatal			Reportable			Non Reportable			Serious Accidents(for Mines only)		
R	C	T	R	C	T	R	C	T	R	C	T
nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil

1.0 Manhours worked :-1130111

2.0 PME

1	Regular	78
2	Contractual	85

3.0 Reportable & Near miss-

4.0 Pit Safety Committee Meeting -- YES

Safety Inspection done:

1. Mines
2. Statutory Register
3. Canteen & VT Centre

2.1 Works Area:

2.1.1 Safety Audits:

Sl No.	Audit Type		Purpose		Agency involved	Deptts. audited	Period / dates	No. of observations made	No. of points complied
	Internal	External	General						
	-								

2.1.2 Safety Inspections:

Sl. No.	Type of inspection/ agency	Total No. of inspections (major deptts. inspected)	No. of Unsafe acts & conditions observed	Points complied	Balance Points
1.	Safety officer of SED	8	32	32	00
2.	Shop DSOs				
3.	Apex Committee				
4.	Other schedule/ joint inspections [Housekeeping, Crane, Cable Galleries etc.]				

5.	Any other PSC				
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2.1.3

(A) Training and Workshops (General/ Job specific) - Separate for Executives and Non- executives

Sl. No.	Name of the programme	No. of programmes	No. of participants	Cumulative	
				Programs	Participants
1	Refresher Training	6	178		

(B) Regular Trainings

Safety Talk			Induction Training			On –the-job/ Refresher Training		
R-345	C-200	T-700	R-0	C-75	T-75	R-21	C -70	T-91

2.1.4 Safety Monitoring &Review:

Sl. No.	Item	Quantum	Title
1.	Protocols prepared		
2.	Work permit issued		
3	Monitoring during capital repair/ major shutdown		
4.	Safety clauses incorporated in SOPs/ SMPs		
5.	Mock Drills conducted		
6.	Any Other		

2.1.5 Special Drives & Campaigns

Sl No.	Items	Observations	Remarks
1.	Checking of heavy vehicles		
2.	Crash helmets		
3.	Personal Protective appliances		
4.	Roko-Toko		
5.	Any other		

2.1.6 Participative Meetings:

Sl.No.	Name / Type	Quantum	Remarks
1.	Departmental Safety Committee / Deptt. consultative committee	9	
2.	Central Safety committee	1	
3.	Pit Safety Committee (for mines only)	9	
4.	Any other		

STEEL PLANT

PERFORMANCE

PROFILE

IRON ORE STOCK INVENTORY BEHAVIOUR
MAY 2018
IRON ORE LUMP

UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.05.2018	MTH	CUM	MTH	CUM	01.06.2018	MTH	YR
BSL	28	17	186	366	184	378	23	6	-5
DSP	11	8	137	248	121	234	24	16	13
RSP	11	11	186	365	196	375	0	-11	-11
ISP	5	23	87	194	96	175	4	-19	-1
BSP	256	258			286	510	210	-48	-46
TOT	311	317	596	1173	883	1672	261	-56	-50

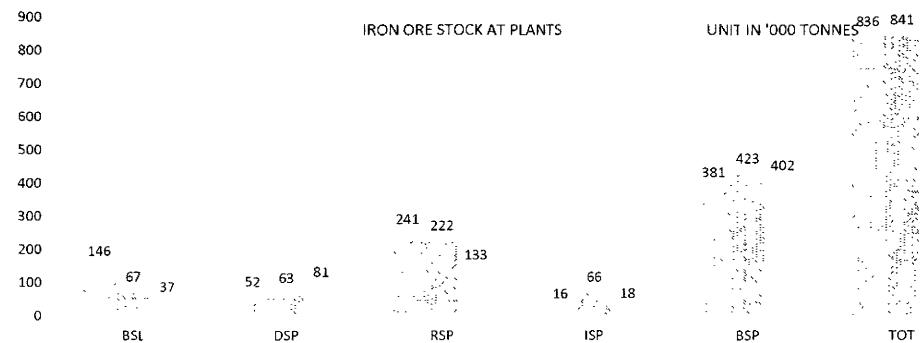
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.05.2018	MTH	CUM	MTH	CUM	01.06.2018	MTH	YR
BSL	118	50	333	605	406	766	14	-36	-104
DSP	41	55	242	490	241	475	57	2	16
RSP	230	211	309	619	419	797	133	-78	-97
ISP	11	43	197	454	238	522	14	-29	3
BSP	125	165		<u>8</u>	340	770	192	27	67
TOT	525	524	1081	2176	1644	3330	410	-114	-115

IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.05.2018	MTH	CUM	MTH	CUM	01.06.2018	MTH	YR
BSL	146	67	519	971	590	1144	37	-30	-109
DSP	52	63	379	738	362	709	81	18	29
RSP	241	222	495	984	615	1172	133	-89	-108
ISP	16	66	284	648	334	697	18	-48	2
BSP	381	423	<u>0</u>	<u>8</u>	626	1280	402	-21	21
TOT	836	841	1677	3349	2527	5002	671	-170	-165

* BSP RECEIPT FROM RMD MINES



PRODUCTION PERFORMANCE

MAY 2018

हॉट मेटल

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	327	358	109	694	692	100	616	12
दूर्गापूर	208	211	101	428	404	94	276	46
रातरकेला	352	335	95	691	631	91	473	33
बन्नपूर	216	206	95	423	367	87	299	23
पूर्वी इस्पात संयंत्र	1103	1110	101	2236	2094	94	1664	26
भिलाई	439	389	89	857	754	88	656	15
TOTAL	1542	1499	97	3093	2848	92	2320	23

सिन्तर

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	412	506	123	902	987	109	932	6
दूर्गापूर	255	287	113	540	567	105	401	41
रातरकेला	541	565	104	1062	1041	98	769	35
बन्नपूर	311	322	104	609	591	97	498	19
पूर्वी इस्पात संयंत्र	1519	1680	111	3113	3186	102	2600	23
भिलाई	690	585	85	1347	1160	86	955	21
TOTAL	2209	2265	103	4460	4346	97	3555	22

IRON ORE RECEIPTS FOR THE MONTH OF MAY 2018

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	42	23	30			56	2		33		186
DSP		7	77				53				137
RSP	46	59		15	26	19			18	3	186
ISP			33				54				87
BSP											
TOT	88	88	140	15	26	75	108		52	3	595

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	66	121	86	10	24	7	5		14		333
DSP		3	136				103				243
RSP	146	90		3		66			4		309
ISP		8	104				85				197
BSP											
TOT	212	221	326	13	24	73	194		18		1082

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	107	143	116	10	24	64	7		48		519
DSP		10	213				156				380
RSP	192	148		18	26	85			22	3	495
ISP		8	137				139				284
BSP											
TOT	299	309	467	28	50	149	302		70	3	1677

IRON ORE RECEIPTS TILL THE MONTH OF MAY 2018

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	65	90	48		7	115	4		37		366
DSP		7	149				92				248
RSP	108	114		15	60	37			25	6	365
ISP			69				121		4		194
BSP											
TOT	173	211	266	15	67	152	217		66	6	1173

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	168	206	134	10	52	7	14		14		605
DSP		17	270				203				490
RSP	258	185		12		160			4		619
ISP	6	18	228				202				454
BSP	8										8
TOT	440	426	632	22	52	167	419		18		2176

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	233	296	182	10	59	122	18		51		971
DSP		24	419				295				738
RSP	366	299		27	60	197			29	6	984
ISP	6	18	297				323		4		648
BSP	8										8
TOT	613	637	898	37	119	319	636		84	6	3349

PRESENT BASE FREIGHT IN RS PER TONNE IN TRAIN LOAD CLASS

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
IRON ORE	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
180 CLASS to 165 CLASS	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15
KRBU(N/B) (FOS)	371	613.00	409	687.60	89	234.00	377	650.10	541	874.70
KRBU(O/B) (SOBK)	371	613.00	409	687.60	90	234.00	377	650.10	541	874.70
MBR (SSMK)	371	613.00	409	687.60	89	234.00	377	650.10	541	874.70
BOLANI (BYFS)	272	467.80	318	540.00	223	392.50	286	504.90	683	1097.30
BARSUA (PBSB)	348	576.50	390	650.10	68	234.00	352	650.10	523	874.70
ROXY (HLSR)	332	576.50	380	650.10	59	234.00	346	576.50	513	874.70
GUA (ISCG)	265	467.80	311	540.00	216	392.50	279	504.90	667	1097.30
MANOHARPUR (IISM)	241	430.20	287	504.90	33	234.00	255	467.80	489	799.30
DALLIRAJHARA (DRZ)	827	1317.70	871	1390.50	548	874.70	832	1317.70	83	234.00

	BSL		DSP		RSP		IISCO		BSP	
FLUX	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
160 CLASS to 145 CLASS	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15
BHAWANATHPUR (PSBS)	379	571.30	495	702.40	568	834.30	461	668.90	1013	1478.40
KHANABANJARI (KHBJ)	726	1029.60	830	1158.00	604	899.40	797	1093.70	512	768.60

Shortest Route	NINL (NINS)		PARADEEP (PPTG)		HALDIA (HLZ)		VISL (BDVT)	
IRON ORE	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
180 CLASS to 165 CLASS	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15
GUA (ISCG)	278.79	504.90	425.54	724.70	394.86	650.10	2199.00	3042.10
BOLANI (BYFS)	286.08	504.90	432.83	724.70	402.15	687.60		
MBR (SSMK)								
KRBU(N/B) (FOS)	533.22	874.70	593.05	949.40	492.62	799.30	1884.00	2844.40
KRBU(O/B) (SOBK)								
ROXY (HLSR)	502.90	874.70	562.77	949.40	462.30	761.10		
BARSUA (PBSB)	512.84	874.70	572.71	949.40	472.24	761.10		
MANOHARPUR (IISM)	411.81	687.60	536.58	874.70	371.21	613.00		
BOKARO (BSCS)	493.29	799.30	630.83	1023.50	368.31	613.00		
RSP (HSPG)	444.26	724.70	504.13	874.70	403.76	687.60		