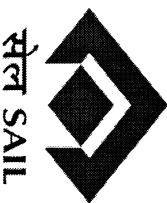
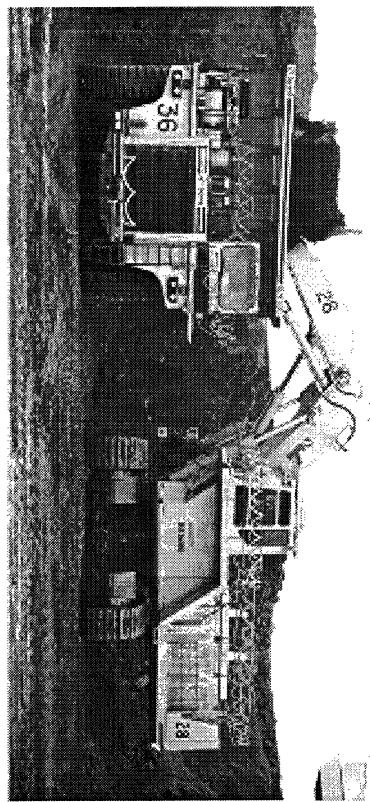


ओरु एवं तीन
झन्पगँडोटिवर्स

JUNE'2017



सेल SAIL

द्वारा प्रकाशित:
पीपीसी विभाग
रोमेट्रियल्स डिवीजन
भारतीय इस्पात प्राधिकरण

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Excerpt

For the month of June'2017

- Production :

 - ❖ 84% APP fulfillment in Total Production by RMD Mines.100%,90%,75% & 95% APP fulfillment in production by Kirirburu, Meghahatuburu, Bolani & Gua Mines respectively.
 - ❖ 84% & 84% APP fulfillment in Lump & Fines Production Respectively by RMD Mines.
 - ❖ 78% APP fulfillment in Flux production. 70% & 147% APP fulfillment in production by Kuteshwar & Tulsidamer Flux Mines.

- Despatch :

 - ❖ 79% APP fulfillment in despatch of iron ore and 75% APP fulfillment in Flux despatch by RMD Mines.
 - ❖ 80% & 79% APP fulfillment in Lump & Fines Despatch Respectively by RMD Mines.
 - ❖ 68% & 140% APP fulfillment in Flux despatch by Kuteshwar Limestone & Tulsidamar Dolomite mines respectively.

411 Rakes Despatched in June'2017

Details of Rake Despatched

MINES	COMM	May'17	TILL2017-18
KBR	L	26	79
	F	64	183
MBR	L	19	65
	F	54	134
BOL	L	45	130
	F	81	229
TAL	L	10	30
	F	0	0
KAL	L	12	42
	F	10	38
GUA	L	21	72
	F	60	178
MPR	L	9	28
	F	0	10
RMD	L	142	446
	F	269	772
TOTAL		411	1218

PLANT	COMMODITY	May'17	TILL 2017-18
BSL	L	50	142
	F	91	244
DSP	L	27	65
	F	46	146
RSP	L	43	158
	F	59	205
ISP	L	22	81
	F	62	163
BSP	L	0	0
	F	11	14
TOTAL	L	142	446
	F	269	772
	TOTAL	411	1218

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

June 2017

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	PLAN 2017-18	FOR MONTH				GRTH % OVER LSTYR Jun 2016	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		TGT	ACT	%FF	LAST YR Jun 2016		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	1300	110	100	91	120	-16.7	330	305	92	319	-4.4
	F	3000	260	270	104	267	1.1	780	703	90	750	-6.3
	T	4300	370	370	100	387	-4.4	1110	1008	91	1069	-5.7
MEGHAHA TUBURU 5000	L	1150	110	83	75	120	-30.8	280	196	70	335	-41.5
	F	2750	240	233	97	246	-5.3	640	545	85	741	-26.5
	T	3900	350	316	90	366	-13.7	920	741	81	1076	-31.1
BOLANI 6500	L	2200	180	157	87	189	-16.9	540	481	89	558	-13.8
	F	3900	350	243	69	327	-25.7	1050	778	74	962	-19.1
	T	6100	530	400	75	516	-22.5	1590	1259	79	1520	-17.2
BARSUA 3000	L	100										
	F	400										
	T	500										
TALDIH 1000	L	500	40	27	68		130	89	68			
	F	450	30				50					
	T	950	70	27	39		180	89	49			36
KALTA 2500	L	800	70	41	59	74	-44.6	210	154	73	201	-23.4
	F	1100	60	31	52	8	287.5	180	144	80	24	500.0
	T	1900	130	72	55	82	-12.2	390	298	76	225	32.4
GUA 4000	L	1000	80	80	100	100	-20.0	245	264	108	278	-5.0
	F	3200	270	253	94	242	4.5	780	705	90	702	0.4
	T	4200	350	333	95	342	-2.6	1025	969	95	980	-1.1
MANOHAR - PUR 1500	L	350	30	31	103	24	29.2	90	93	103	78	19.2
	F	300	20	1	5	24	-95.8	80	38	48	48	-20.8
	T	650	50	32	64	48	-33.3	170	131	77	126	4.0
TOTAL 29000	L	7400	620	519	84	627	-17.2	1825	1582	87	1769	-10.6
	F	15100	1230	1031	84	1114	-7.5	3560	2913	82	3227	-9.7
	T	22500	1850	1550	84	1741	-11.0	5385	4495	83	4996	-10.0

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

June 2017

UNIT 000 TONNES

DESPATCHES

MINE	PLAN	FOR THE MONTH				GRTH % OVER LSTYR Jun 2016	TILL THE MONTH				GRTH % OVER LSTYR Jun 2016	STOCKS AT MINES AS ON			
		2017-18	TGT	ACT	%FF		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END	
KIRIBURU	L	1300	110	95	86	120	-20.8	330	297	90	319	-6.9	5	11	18
	F	3000	260	236	91	259	-8.9	780	672	86	706	-4.8	1002	999	1039
	T	4300	370	331	89	379	-12.7	1110	969	87	1025	-5.5	1007	1010	1057
MEGHAHA TUBURU	L	1200	110	71	65	114	-37.7	300	249	83	329	-24.3	136	61	69
	F	2750	240	204	85	250	-18.4	690	513	74	753	-31.9	539	531	554
	T	3950	350	275	79	364	-24.5	990	762	77	1082	-29.6	675	592	623
BOLANI	L	2200	180	161	89	189	-14.8	540	479	89	598	-19.9	104	108	106
	F	3900	350	270	77	300	-10.0	1050	779	74	858	-9.2	1738	1762	1739
	T	6100	530	431	81	489	-11.9	1590	1258	79	1456	-13.6	1842	1870	1845
BARSUA	L	100											15	15	15
	F	400											194	194	194
	T	500											209	209	209
TALDIH	L	500	40	32	80		130	95	73			5	5	1	
	F	450	30				50					4	4	4	
	T	950	70	32	46		180	95	53			9	9	5	
KALTA	L	800	70	40	57	73	-45.2	210	155	74	206	-24.8	10	8	9
	F	1100	60	41	68	8	412.5	180	141	78	27	422.2	16	28	19
	T	1900	130	81	62	81	0.0	390	296	76	233	27.0	26	36	28
GUA	L	1000	80	70	88	102	-31.4	245	252	103	276	-8.7	27	21	23
	F	3200	270	215	80	249	-13.7	780	624	80	684	-8.8	182	134	120
	T	4200	350	285	81	351	-18.8	1025	876	85	960	-8.8	209	155	143
MANOHAR - PUR	L	350	30	28	93	24	16.7	90	93	103	83	12.0	2	4	
	F	300	20			24	-100.0	80	32	40	38	-15.8	3	7	7
	T	650	50	28	56	48	-41.7	170	125	74	121	3.3	3	9	11
TOTAL	L	7450	620	497	80	622	-20.1	1845	1620	88	1811	-10.5	302	231	245
	F	15100	1230	966	79	1090	-11.4	3610	2761	76	3066	-9.9	3678	3659	3676
	T	22550	1850	1463	79	1712	-14.5	5455	4381	80	4877	-10.2	3980	3890	3921

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

June 2017

UNIT 000 TE

DEVELOPMENT								
	FOR MONTH			TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF	TGT	ACT	%FF		
KIRIBURU	310	134	43	720	551	77	651	-15.4
MEGHAHATUBURU	320	308	96	1200	1037	86	525	97.5
BOLANI	520	313	60	1350	622	46	383	62.4
BARSUA	0	1		90	5	6	636	-99.2
TALDIH	95	42	44	265	104	39	0	
KALTA	0	0		0	0		43	-100.0
GUA	170	95	56	460	326	71	375	-13.1
MANOHARPUR	0	0		0	0		3	-100.0
TOTAL	1415	893	63	4085	2645	65	2616	1.1

ROM								
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KIRIBURU	370	370	100	1110	1008	91	1069	-5.7
MEGHAHATUBURU	400	336	84	990	729	74	1077	-32.3
BOLANI	550	398	72	1625	1266	78	1541	-17.8
BARSUA	0	0		0	0		0	
TALDIH	70	47	67	180	109	61	0	
KALTA	130	88	68	390	337	86	246	37.0
GUA	350	333	95	1025	969	95	980	-1.1
MANOHARPUR	50	31	62	170	130	76	77	68.8
TOTAL	1920	1603	83	5490	4548	83	4990	-8.9

TOTAL EXCAVATION								
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KIRIBURU	680	504	74	1830	1559	85	1720	-9.4
MEGHAHATUBURU	720	644	89	2190	1766	81	1602	10.2
BOLANI	1070	711	66	2975	1888	63	1924	-1.9
BARSUA	0	1		90	5	6	636	-99.2
TALDIH	165	89	54	445	213	48	0	
KALTA	130	88	68	390	337	86	289	16.6
GUA	520	428	82	1485	1295	87	1355	-4.4
MANOHARPUR	50	31	62	170	130	76	80	62.5
TOTAL	3335	2496	75	9575	7193	75	7606	-5.4

Unit in Tc

PREVIOUS YEAR EXCAVATION PERFORMANCE 2016-17

	Kiriburu			Meghabatuburu			Bolani			Taldih			Kaita			Guia			Manoharpur			RND 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		
Apr-16	512750	313560	199170	456640	336240	120400	406015	520233	85782	251280	0	97350	97350	0	409550	305735	103815	41761	38308	3453	2375326	1611426	763900			
May-16	585110	368240	198470	524630	380430	144200	628036	497283	128753	229500	0	83660	83660	0	451380	331500	119880	39116	39116	0	2519432	1700629	818803			
Jun-16	664240	386280	277940	626250	622754	524279	168475	155115	0	155115	0	64920	64920	0	493130	342200	150830	48515	48515	0	2741534	1727004	1014530			
Total	1742080	1028480	673600	1604130	1077480	526650	1924805	1541795	383010	635895	0	0	0	0	245930	245930	0	1354060	979435	374625	129392	129392	3453	7436292	5039059	2597733

THIS YEAR EXCAVATION PERFORMANCE 2017-18

	Kiriburu			Meghabatuburu			Bolani			Taldih			Kaita			Guia			Manoharpur			RND 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				
Apr-17	566550	319590	246980	573770	133020	440750	581486	408757	172729	49000	24700	24300	125300	125300	0	434700	320600	116100	48679	48679	0	2381485	1380646	1000839				
May-17	488520	318330	170190	547990	260190	287800	594504	458911	135593	4365	0	4365	74495	36650	37845	123600	123600	0	430245	315200	115065	49712	49712	0	2313451	1562593	750858	
Total	1559280	1008360	551020	1766220	729270	1036950	1886429	1265311	621118	5310	0	5310	212472	104220	336400	0	1294593	948800	325793	129678	129678	0	7190482	4546071	2644411			
Change Over Last Year																												
DIFF	-182700	-60120	-122580	162090	-348210	510300	-38376	-276484	238108	-630585	0	-630585	212472	104220	90470	90470	0	-59457	-10635	-48832	286	3739	-3453	-445810	-492988	47178		
%Chg	-10.5	-5.6	-18.2	10.1	-32.3	96.9	-2.0	-17.9	62.2	-99.2	#DIV/0!	-99.2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	36.8	36.8	#DIV/0!	-4.4	-1.1	-13.0	0.2	3.0	-100.0	-5.8	-9.8	1.8

Unit in Te	PREVIOUS YEAR PRODUCTION PERFORMANCE 2016-17																							
	Kiriburu			Meghahatuburu			Bolani			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
Apr-16	85790	227770	313560	105254	235429	340683	186354	306719	493073				63081	5411	68492	77184	228551	305735	25583	12724	38307	543246	1016604	1559850
May-16	113386	255254	368640	110054	260094	370148	182779	327944	510723				63887	11362	75249	100764	230736	331500	28417	10698	39115	599287	1096088	1695375
Jun-16	119544	266736	386280	119903	245764	365667	189469	326780	516249				73961	7588	81549	100032	242168	342200	24130	24385	48515	627039	1113421	1740460
Total	318720	749760	1068480	335211	741287	1076498	558602	961443	1520045				200929	24361	225290	277980	701455	979435	78130	47807	125937	1769572	3226113	4995685

Kiriburu	THIS YEAR PRODUCTION PERFORMANCE 2017-18																								
	Kiriburu			Meghahatuburu			Bolani			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	
Apr-17	98217	221373	319590	42314	135337	177651	150393	254749	405142	21394			21394	57208	58563	115771	92928	227672	320600	30625	18054	48679	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
Jun-17	100070	270370	370440	82706	232536	315242	157170	242913	400083	26726			26726	41059	31414	72473	80324	252676	333000	30594	742	31336	518649	1030651	1549300
Total	305032	703328	1008360	195772	545222	740994	482055	777691	1259746	89213			89213	153927	144401	298328	264505	704295	968800	91741	37986	129727	1582245	2912923	4495168

Change Over Last Year

DIFF	-13688	-46432	-60120	-139439	-196065	-335504	-76547	-183752	-260299	89213			89213	-47002	120040	73038	-13475	2840	-10635	13611	-9821	3790	-187327	-313190	-500517
%Chg	-4.3	-6.2	-5.6	-41.6	-26.4	-31.2	-13.7	-19.1	-17.1	#DIV/0!	#DIV/0!	#DIV/0!	-23.4	492.8	32.4	-4.8	0.4	-1.1	17.4	-20.5	3.0	-10.6	-9.7	-10.0	

Unit in Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2016-17																								
	Kiriburu			Megahatuburu			Bolani			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	
Apr-16	87344	233781	321125	95934	268050	363984	196824	275515	472340				0	60720	7590	68310	72013	228048	300061	25052	11120	36172	537887	1024105	1561992
May-16	111357	212542	323899	119708	232876	352584	212627	283367	495994				0	71549	11385	82934	102257	208188	310445	34509	13352	47861	652007	961710	1613717
Jun-16	120361	258799	379160	113150	249907	363057	189439	299799	489238				0	73134	7590	80724	102047	248746	350793	23812	15492	39304	621943	1080333	1702276
Total	319062	705122	1024184	328792	750833	1079625	598890	858681	1457572	0	0	0	205403	26565	231968	276317	684982	961299	83373	39964	123337	1811837	3066148	4877985	
THIS YEAR DESPATCH PERFORMANCE 2017-18																									
	Kiriburu			Megahatuburu			Bolani			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	
	93034	205705	298739	102557	186744	289301	157291	270155	427446	19284			19284	52923	49335	102258	94743	211053	305796	29782	13962	43744	549614	936954	1486568
Apr-17	108284	229783	338067	75471	122904	198375	161078	238285	399363	44258			44258	61635	51644	113279	86851	198410	285261	33785	18125	51910	571362	859151	1430513
May-17	94661	236046	330707	71102	204110	275212	161631	269244	430875	31910			31910	39970	40446	80416	69949	215160	285109	28119	28119	497342	965006	1462348	
Jun-17	295979	671534	967513	249130	513758	762888	480000	777684	1257684	95452			95452	154528	141425	295953	251543	624623	876166	91686	32087	123773	1618318	2761111	4379429
Change Over Last Year																									
DIFF	-23083	-33588	-56671	-79662	-237075	-316737	-118890	-80997	-199888	95452	0	95452	-50875	114860	63985	-24774	-60359	-85133	8313	-7877	436	-193519	-305037	-498556	
%Chg	-7.2	-4.8	-5.5	-24.2	-31.6	-29.3	-19.9	-9.4	-13.7	#DIV/0!	#DIV/0!	#DIV/0!	-24.8	432.4	27.6	-9.0	-8.8	-8.9	10.0	-19.7	0.4	-10.7	-9.9	-10.2	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

June 2017

बोकारो इस्पात संयंत

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB	40	31	78	120	93	78	96	-3	40	109	273	120	262	218	202	30	80	140	175	240	355	148	298	19	
MBR	70	39	56	200	123	62	76	62	110	83	75	320	252	79	260	-3	180	122	68	520	375	72	336	12	
BOL	60	54	90	180	188	104	257	-27	100	72	72	300	199	66	220	-10	160	126	79	480	387	81	477	-19	
BAR																									
TAL																									
KAL		19			19		16	19		23			30					42				49		16	206
GUA	25	21	84	75	70	93	78	-10	55	62	113	150	173	115	135	28	80	83	104	225	243	108	213	14	
MPR	10	13	130	30	36	120	17	112					14		2	600	10	13	130	30	50	167	19	163	
RMD TOT	205	177	86	605	529	87	540	-2	305	349	114	890	930	104	819	14	510	526	103	1495	1459	98	1359	7	
DRZ																									
PUR																									
GR TOT	205	177	86	605	529	87	540	-2	305	349	114	890	930	104	819	14	510	526	103	1495	1459	98	1359	7	
0																									
FLUXES																									
KTR	42	24	57	126	80	63	82	-2																	
TDMR	11	7	64	32	19	59	36	-47																	
TOT	53	31	58	158	99	63	118	-16																	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

June 2017

दूर्गापूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB																									
MBR							3	-100																	
BOL	60	66	110	180	175	97	210	-17	160	94	59	480	300	63	305	-2	220	160	73	660	475	72	515	-8	
BAR																									
TAL																									
KAL																									
GUA	35	40	114	100	93	93	117	-21	30	46	153	70	155	221	302	-49	65	86	132	170	248	146	419	-41	
MPR	10			30	4	13	6	-33								1	-100	10		30	4	13	7	-43	
RMD TOT	105	106	101	310	272	88	336	-19	190	140	74	550	455	83	643	-29	295	246	83	860	727	85	979	-26	
DRZ																									
PUR																									
GR TOT	105	106	101	310	272	88	336	-19	190	140	74	550	455	83	643	-29	295	246	83	860	727	85	979	-26	
0 FLUXES																									
KTR	5	4	80	14	4	29	4	0																	
TDMR																									
TOT	5	4	80	14	4	29	4	0																	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

June 2017

राउरकेला इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB	70	64	91	210	204	97	139	47	190	86	45	570	358	63	377	-5	260	150	58	780	562	72	516	9	
MBR	30	32	107	90	126	140	179	-30	70	110	157	200	250	125	278	-10	100	142	142	290	376	130	457	-18	
BOL							7	-100							58	-100								65	-100
BAR																									
TAL	20	32	160	60	95	158			20			40					40	32	80	100	95	95			
KAL	70	21	30	210	136	65	175	-22	60	18	30	180	111	62	27	311	130	39	30	390	247	63	202	22	
GUA							15	-100	30			90			44	-100	30			90				59	-100
MPR							11		10	10	20		80	18	23	4	350	20		80	29	36		14	107
RMD TOT	190	149	78	570	572	100	525	9	390	214	55	1160	737	64	788	-6	580	363	63	1730	1309	76	1313	0	
DRZ																									
PUR																									
GR TOT	190	149	78	570	572	100	525	9	390	214	55	1160	737	64	788	-6	580	363	63	1730	1309	76	1313	0	
0																									
FLUXES																									
KTR	14	16	114	42	24	57	28	-14																	
TDMR	4	7	175	13	15	115	8	88																	
TOT	18	23	128	55	39	71	36	8																	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

June 2017

बर्नपूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH		
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%		
KRB							7	-100							16	-100							23	-100		
MBR															11								11	49	-78	
BOL	60	41	68	180	116	64	124	-6	90	104	116	270	280	104	275	2	150	145	97	450	396	88	399	-1		
BAR																										
TAL	10			30																10		30				
KAL							7	-100																7	-100	
GUA	20	9	45	70	89	127	66	35	155	107	69	470	296	63	195	52	175	116	66	540	385	71	261	48		
MPR	10	15	150	30	42	140	46	-9										10	15	150	30	42	140	46	-9	
RMD TOT	100	65	65	310	247	80	250	-1	245	222	91	740	587	79	535	10	345	287	83	1050	834	79	785	6		
DRZ																										
PUR																										
GR TOT	100	65	65	310	247	80	250	-1	245	222	91	740	587	79	535	10	345	287	83	1050	834	79	785	6		
0																										
FLUXES																										
KTR																										
TDMR																										
TOT																										

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

June 2017

मिलाई इस्पात संयन्त्र

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							77	-100	30	41	137	90	52	58	99	-47	30	41	137	90	52	58	176	-70	
MBR	10			10			71	-100	60			170			143	-100	70			180			214	-100	
BOL																									
BAR																									
TAL	10			40					10			10					20			50					
KAL																									
GUA																8	-100						8	-100	
MPR							4	-100								31	-100						35	-100	
RMD TOT	20			50			152	-100	100	41	41	270	52	19	281	-81	120	41	34	320	52	16	433	-88	
DRZ																									
PUR																									
GR TOT	20			50			152	-100	100	41	41	270	52	19	281	-81	120	41	34	320	52	16	433	-88	
0 FLUXES																									
KTR	69	44	64	208	161	77	129	25																	
TDMR		7				24																			
TOT	69	51	74	208	185	89	129	43																	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

June 2017
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	110	95	86	330	297	90	319	-7	260	236	91	780	672	86	706	-5	370	331	89	1110	969	87	1025	-5							
MBR	110	71	65	300	249	83	329	-24	240	204	85	690	513	74	753	-32	350	275	79	990	762	77	1082	-30							
BOL	180	161	89	540	479	89	598	-20	350	270	77	1050	779	74	858	-9	530	431	81	1590	1258	79	1456	-14							
BAR																															
TAL	40	32	80	130	95	73			30			50					70	32	46	180	95	53									
KAL	70	40	57	210	155	74	198	-22	60	41	68	180	141	78	27	422	130	81	62	390	296	76	225	32							
GUA	80	70	88	245	252	103	276	-9	270	215	80	780	624	80	684	-9	350	285	81	1025	876	85	960	-9							
MPR	30	28	93	90	93	103	83	12	20			80	32	40	38	-16	50	28	56	170	125	74	121	3							
RMD TOT	620	497	80	1845	1620	88	1803	-10	1230	966	79	3610	2761	76	3066	-10	1850	1463	79	5455	4381	80	4869	-10							
DRZ																															
PUR																															
GR TOT	620	497	80	1845	1620	88	1803	-10	1230	966	79	3610	2761	76	3066	-10	1850	1463	79	5455	4381	80	4869	-10							
0 FLUXES																															
KTR	130	88	68	390	269	69	243	11																							
TDMR	15	21	140	45	58	129	44	32																							
TOT	145	109	75	435	327	75	287	14																							

IRON ORE DISTRIBUTION AND TRANSFERS TO MEL, VISL, RINL & NINL
MANGANESE ORE DISTRIBUTION AND TRANSFERS TO MEL, IISCO & BSP
JUNE- 2017

	लौह अयस्क लम्प						लौह अयस्क फाइन्स						लौह अयस्क (लम्प+फाइन्स)								
	FOR MONTH			TILL MONTH			LAST YR	GRTH %	FOR MONTH			TILL MONTH			LAST YR	GRTH %	FOR MONTH			LAST YR	GRTH %
	APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF		
GUA TO VISL																					
KBR TO NINL																					
MBR TO KIOL																					
MBR TO VISL																					
MBR TO NINL																					
GUA TO PAPK																					
BOL TO OTH																					
GUA TO ASP																					
KAL TO ASP																				8	-100
KAL TO VISL																					
BAR TO VISL																					
BAR TO AML																					
KBR TO PAPK																					
RMD TOT																				8	-100

**FLUX MINES PERFORMANCE FOR AND UPTO THE MONTH OF
June 2017**

UNIT 000 TONNES

PRODUCTION

MINE	PLAN 2016-17	FOR MONTH				GRTH % OVER LSTYR Jun 2016	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR Jun 2016		TGT	ACT	%FF	LAST YR	
KUTESHWAR	1150	130	91	70	77	18.2	390	281	72	241	16.6
TULSIDAMAR	150	15	22	147	8	175.0	45	47	104	39	20.5
BHAWANATHPUR											
TOTAL	1300	145	113	78	85	32.9	435	328	75	280	17.1

DESPATCH

MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR Jun 2016	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR Jun 2016		PLAN	ACT	%FF	LAST YR	
KUTESHWAR	1150	130	88	68	78	12.8	390	269	69	243	10.7
TULSIDAMAR	150	15	21	140	8	162.5	45	58	129	44	31.8
BHAWANATHPUR											
TOTAL	1300	145	109	75	86	26.7	435	327	75	287	13.9

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2016-17							
	KTR		Bhawanathpur		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP	PROD	DESP
Apr-16	80834	81845	0	0	23595	20079	104429	101924
May-16	83212	82407	0	0	6814	15805	90026	98212
Jun-16	76585	78187	0	0	8116	8116	84701	86303
Jul-16							0	0
Aug-16							0	0
Sep-16							0	0
Oct-16							0	0
Nov-16							0	0
Dec-16							0	0
Jan-17							0	0
Feb-17							0	0
Mar-17							0	0
Total	240631	242439	0	0	38525	44000	279156	286439

	THIS YEAR FLUX PERFORMANCE 2017-18							
	KTR		Bhawanathpur		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP	PROD	DESP
Apr-17	84586	80594	0	0	10170	20107	94756	100701
May-17	105306	100972	0	0	15229	17144	120535	118116
Jun-17	90785	88818	0	0	22413	20559	113198	109377
Jul-17							0	0
Aug-17							0	0
Sep-17							0	0
Oct-17							0	0
Nov-17							0	0
Dec-17							0	0
Jan-18							0	0
Feb-18							0	0
Mar-18							0	0
Total	280677	270384	0	0	47812	57810	328489	328194

Over Last Year

DIFF	40046	27945	0	0	9287	13810	49333	41755
%Chg	16.6	11.5	#DIV/0!		24.1	31.4	17.7	14.6

QUALITY ANALYSED AT PLANT

June 2017

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फार्मिंस						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	63	2.6	2.5	10	15	62.5	3	2.8	10	28	BNP	NORM	43	5	6.5	15	10
	MTH ACT	62.82	2.77	1.88	18.78	18.46	62.02	3.17	2.79	10.60	30.69		MTH ACT	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	63.03	2.43	1.91	21.75	18.03	61.75	3.31	2.87	10.90	30.52	CUM	2017-18	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	63.87	2.38	1.76	17.71	21.35	62.77	3.25	2.46	10.67	31.67	CUM	2016-17	0.00	0.00	0.00	0.00	0.00

MBR	NORM	62.5	3	2.5	15	15	62	3.8	2.7	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	62.87	2.62	1.96	14.65	25.46	61.92	3.42	2.55	6.16	36.99		MTH ACT	29.06	17.60	6.35	9.00	10.10
CUM	2017-18	62.68	2.61	2.25	15.59	25.25	61.79	3.37	2.65	5.87	37.20	CUM	2017-18	28.05	17.25	5.97	9.78	11.24
CUM	2016-17	63.40	2.69	2.20	15.46	25.35	62.29	3.89	2.51	8.18	36.27	CUM	2016-17	30.27	19.21	3.94	5.92	8.95

GUA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.77	2.41	2.13	14.80	26.58	62.12	2.88	2.61	2.90	39.82		MTH ACT	47.67	2.43	3.23	2.67	27.16
CUM	2017-18	62.92	2.29	2.04	15.78	24.87	62.19	2.87	2.54	3.04	40.46	CUM	2017-18	45.54	2.73	3.48	2.79	27.49
CUM	2016-17	63.59	2.64	1.94	17.49	23.69	62.91	3.13	2.38	3.96	38.93	CUM	2016-17	44.77	2.56	3.59	2.63	24.90

BOL	NORM	62.6	2.4	2.5	10	10	62.7	2.8	2.9	10	30
	MTH ACT	62.93	2.33	2.40	16.11	24.84	61.81	3.18	3.19	6.21	37.03
CUM	2017-18	62.89	2.39	2.19	16.34	24.06	61.81	3.15	2.92	6.29	36.82
CUM	2016-17	63.77	2.23	2.10	15.18	26.02	62.71	3.01	2.77	5.93	36.78

KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40
	MTH ACT	64.09	1.75	1.45	9.45	13.33	63.49	2.09	1.73	4.40	30.40
CUM	2017-18	64.09	1.75	1.45	9.45	13.33	63.20	2.38	1.57	4.40	30.75
CUM	2016-17	64.35	1.73	1.66	12.59	12.67	63.53	2.32	2.44	4.59	20.53

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40
	MTH ACT	64.34	1.52	1.21	13.54	11.34	62.38	2.15	2.98	4.50	31.00
CUM	2017-18	64.37	1.45	1.41	13.22	12.41	62.66	2.40	2.58	4.67	30.64
CUM	2016-17	64.48	1.69	1.68	13.78	12.50	63.39	2.20	2.62	4.44	31.13

QUALITY ANALYSED AT PLANT

June 2017

दूर्गापुर इस्पात संयंत्र

लौह अवस्क लम्प					लौह अवस्क 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	63	2.6	2.5	10	15	62.5	3	2.8	10	28	BF LST	NORM	43	5	6.5	15	10
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BNP	MTH ACT	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CUM	2017-18	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	61.40	6.90	1.27	14.73	14.17	63.70	2.10	2.05	15.80	37.70	CUM	2016-17	0.00	0.00	0.00	0.00	0.00

MBR	NORM	62.5	3	2.5	15	15	62	3.8	2.7	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		MTH ACT	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CUM	2017-18	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	62.24	3.63	2.06	10.39	21.60	61.64	4.98	2.25	4.76	45.40	CUM	2016-17	30.20	15.90	7.30	63.50	9.40

GUA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.49	2.43	2.03	6.03	17.24	63.60	2.09	1.90	3.10	43.61		MTH ACT	44.10	2.20	6.00	30.50	13.70
CUM	2017-18	62.88	2.19	1.66	10.18	17.55	63.43	2.24	1.97	2.43	49.12	CUM	2017-18	44.10	2.20	6.00	30.50	13.70
CUM	2016-17	62.61	3.05	1.79	12.18	16.82	63.13	2.99	1.96	3.83	50.33	CUM	2016-17	48.35	2.43	5.10	15.15	13.20

BOL	NORM	62.6	2.4	2.5	10	10	62.7	2.8	2.9	10	30
	MTH ACT	62.83	1.84	2.05	9.75	17.04	62.20	2.69	2.82	6.34	38.11
CUM	2017-18	62.70	2.24	2.02	11.02	19.60	62.44	2.68	2.64	7.03	41.64
CUM	2016-17	62.91	2.29	2.12	10.13	19.48	62.99	2.58	2.42	8.33	39.51

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	61.70	1.75	3.95	11.55	44.60	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	63.70	1.40	2.13	23.73	27.73	0.00	0.00	0.00	0.00	0.00

QUALITY ANALYSED AT PLANT

June 2017

रात्रकेला इस्पात संयंत्र

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	63	2.6	2.5	10	15	62.5	3	2.8	10	28	BNP	NORM	43	5	6.5	15	10
	MTH ACT	62.48	2.59	2.53	19.90	20.80	62.08	2.96	2.72	0.00	0.00		MTH ACT	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	62.71	2.49	2.34	20.16	20.84	62.14	2.91	2.63	0.00	0.00	CUM	2017-18	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	62.60	2.47	1.85	18.14	18.56	62.26	3.02	2.60	0.00	0.00	CUM	2016-17	0.00	0.00	0.00	0.00	0.00

MBR	NORM	62.5	3	2.5	15	15	62	3.8	2.7	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	62.59	2.46	2.79	22.40	19.40	62.04	2.86	2.94	0.00	0.00		MTH ACT	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	62.68	2.43	2.45	22.71	19.28	62.00	3.04	2.74	0.00	0.00	CUM	2017-18	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	62.66	2.89	2.36	21.42	19.65	62.08	3.45	2.57	0.00	0.00	CUM	2016-17	0.00	0.00	0.00	0.00	0.00

GUA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		MTH ACT	49.17	2.99	3.37	0.00	0.00
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CUM	2017-18	48.88	3.13	3.50	0.00	0.00
CUM	2016-17	62.75	2.53	2.44	15.74	20.43	0.00	0.00	0.00	0.00	0.00	CUM	2016-17	48.21	2.94	4.25	0.00	0.00

KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40
	MTH ACT	63.03	2.12	2.21	7.50	18.00	62.19	2.46	3.06	0.00	0.00
CUM	2017-18	63.23	1.97	2.16	15.37	18.52	62.70	2.32	2.35	0.00	0.00
CUM	2016-17	63.17	2.25	2.20	17.24	18.38	62.73	2.49	2.31	0.00	0.00

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	63.50	1.77	1.93	20.70	18.30	62.64	2.21	2.70	6.43	31.30
CUM	2016-17	63.05	2.37	2.19	18.74	17.46	62.78	2.49	2.21	8.13	36.75

TAL	NORM	62	2.7	3.1	10	10	62	3.1	3.1	5	40
	MTH ACT	63.16	2.01	2.16	16.00	20.30	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	63.26	1.95	2.25	16.16	20.22	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	62.94	2.23	2.45	15.21	18.55	60.11	4.27	4.74	0.00	0.00

QUALITY ANALYSED AT PLANT

June 2017

बर्नपूर इस्पात संयंत्र

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	63	2.6	2.5	10	15	62.5	3	2.8	10	28	BNP	NORM	43	5	6.5	15	10
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		MTH ACT	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CUM	2017-18	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	62.65	3.70	3.70	10.60	10.80	63.18	3.18	2.44	10.54	38.77.	CUM	2016-17	0.00	0.00	0.00	0.00	0.00

MBR	NORM	62.5	3	2.5	15	15	62	3.8	2.7	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		MTH ACT	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CUM	2017-18	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	0.00	0.00	0.00	0.00	0.00	62.65	2.84	2.77	7.88	47.01	CUM	2016-17	0.00	0.00	0.00	0.00	0.00

GUA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	0.00	0.00	0.00	0.00	0.00	62.49	2.91	3.05	14.42	47.00		MTH ACT	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	63.84	1.54	2.61	27.15	8.35	62.45	2.73	3.42	13.06	48.73	CUM	2017-18	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	63.51	2.20	2.53	23.63	9.48	63.02	2.72	2.95	7.32	48.38	CUM	2016-17	0.00	0.00	0.00	0.00	0.00

BOL	NORM	62.6	2.4	2.5	10	10	62.7	2.8	2.9	10	30
	MTH ACT	0.00	0.00	0.00	0.00	0.00	60.59	3.58	4.39	25.46	32.59
CUM	2017-18	63.61	1.56	2.79	29.99	9.67	61.11	3.00	4.37	20.03	39.25
CUM	2016-17	64.30	1.39	2.41	24.06	10.21	62.09	2.84	3.83	10.92	41.61

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	63.93	1.82	2.73	26.30	6.70
CUM	2016-17	64.40	1.23	2.99	26.11	7.83	0.00	0.00	0.00	0.00	0.00

QUALITY ANALYSED AT PLANT

June 2017

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	63	2.6	2.5	10	15	62.5	3	2.8	10	28	BNP	NORM	43.0	5.00	6.5	15.0	10.0
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		MTH ACT	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CUM	2017-18	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CUM	2016-17	0.00	0.00	0.00	0.00	0.00

MBR	NORM	62.5	3	2.5	15	15	62	3.8	2.7	5	30	TDM	NORM	30.0	18.0	5.0	5.0	10.0
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		MTH ACT	29.12	17.72	7.66	26.50	7.30
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CUM	2017-18	29.56	18.15	6.27	41.38	7.57
CUM	2016-17	63.15	3.88	2.18	26.67	16.66	62.57	4.80	2.18	15.18	42.52	CUM	2016-17	0.00	0.00	0.00	0.00	0.00

GUA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	KTR	NORM	50.0	2.25	3.50	5.0	5.0
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		MTH ACT	51.47	1.40	3.18	6.51	17.24
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CUM	2017-18	50.34	1.90	3.79	7.31	16.95
CUM	2016-17	0.00	0.00	0.00	0.00	0.00	61.50	4.36	3.43	9.65	52.90	CUM	2016-17	49.81	2.15	3.92	7.05	17.88

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40
	MTH ACT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUM	2016-17	63.72	2.85	2.42	31.66	15.73	61.77	2.40	4.22	16.15	33.30

गृणवत्ता :: बोकारो इस्पात संयंत्र

किरीबुरु

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.87	2.38	1.76	17.71	21.35	4.14	0.74	424271
APP 17-18	63.00	2.60	2.50	10.00	15.00	5.10	0.96	600000
Apr-17	63.55	2.04	1.92	25.98	15.98	3.96	0.94	15734
May-17	62.71	2.47	1.94	20.50	19.66	4.41	0.79	49717
Jun-17	62.82	2.77	1.88	18.78	18.46	4.65	0.68	27297
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.03	2.43	1.91	21.75	18.03	4.34	0.79	92748

मेधाहातुबुरु

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.40	2.69	2.20	15.46	25.35	4.89	0.82	552795
APP 17-18	62.50	3.00	2.50	15.00	15.00	5.50	0.83	800000
Apr-17	62.67	2.72	2.19	16.31	24.26	4.91	0.81	63538
May-17	62.50	2.48	2.60	15.82	26.04	5.08	1.05	24337
Jun-17	62.87	2.62	1.96	14.65	25.46	4.58	0.75	39254
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.68	2.61	2.25	15.59	25.25	4.86	0.86	127129

गृणवत्ता :: बोकारो इस्पात संयंत्र

किरीबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.77	3.25	2.46	10.67	31.67	5.71	0.76	806284
APP 17-18	62.50	3.00	2.80	10.00	28.00	5.80	0.93	1000000
Apr-17	61.83	3.24	3.00	10.92	30.79	6.24	0.93	72689
May-17	61.41	3.51	2.82	11.18	30.07	6.33	0.80	73121
Jun-17	62.02	3.17	2.79	10.60	30.69	5.96	0.88	109237
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	61.75	3.31	2.87	10.90	30.52	6.18	0.87	255047

मेधाहातुबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.29	3.89	2.51	8.18	36.27	6.40	0.65	1105746
APP 17-18	62.00	3.80	2.70	5.00	30.00	6.50	0.71	1300000
Apr-17	62.01	3.15	2.69	5.87	37.79	5.84	0.85	96270
May-17	61.43	3.55	2.72	5.57	36.81	6.27	0.77	66385
Jun-17	61.92	3.42	2.55	6.16	36.99	5.97	0.75	86084
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	61.79	3.37	2.65	5.87	37.20	6.02	0.79	248739

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEPT
Act 16-17	63.77	2.23	2.10	15.18	26.02	4.33	0.94	807301
APP 17-18	62.60	2.40	2.50	10.00	10.00	4.90	1.04	900000
Apr-17	63.04	2.60	1.86	17.92	23.74	4.46	0.72	81265
May-17	62.69	2.24	2.30	14.98	26.60	4.54	1.03	53290
Jun-17	62.93	2.33	2.40	16.11	24.84	4.73	1.03	51331
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.89	2.39	2.19	16.34	24.06	4.58	0.92	185886

गुआ लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEPT
Act 16-17	63.59	2.64	1.94	17.49	23.69	4.58	0.73	147694
APP 17-18	62.50	2.70	2.60	10.00	10.00	5.30	0.96	300000
Apr-17	63.20	2.27	1.94	16.37	23.53	4.21	0.85	31406
May-17	62.80	2.18	2.06	16.18	24.50	4.24	0.94	21528
Jun-17	62.77	2.41	2.13	14.80	26.58	4.54	0.88	17135
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.92	2.29	2.04	15.78	24.87	4.33	0.89	70069

ग्रनवत्ता :: बोकारो इस्पात संयंत्र
बोलानी फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEPT
Act 16-17	62.71	3.01	2.77	5.93	36.78	5.78	0.92	699481
APP 17-18	62.70	2.80	2.90	10.00	30.00	5.70	1.04	1200000
Apr-17	62.02	3.28	2.57	6.30	36.40	5.85	0.78	70448
May-17	61.59	2.99	3.01	6.35	37.03	6.00	1.01	59732
Jun-17	61.81	3.18	3.19	6.21	37.03	6.37	1.00	71618
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	61.81	3.15	2.92	6.29	36.82	6.07	0.93	201798

गुआ फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECEPT
Act 16-17	62.91	3.13	2.38	3.96	38.93	5.24	0.80	408171
APP 17-18	62.50	2.90	2.80	5.00	40.00	5.70	0.97	700000
Apr-17	62.12	3.05	2.66	3.52	39.76	5.71	0.87	41594
May-17	62.32	2.69	2.34	2.69	41.81	5.03	0.87	62639
Jun-17	62.12	2.88	2.61	2.90	39.82	5.49	0.91	64128
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.19	2.87	2.54	3.04	40.46	5.41	0.89	168361

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.91	2.29	2.12	10	19	4.24	1.03	780607
APP 17-18	62.60	2.40	2.50	10.00	10.00	4.90	1.04	800000
Apr-17	62.52	3.25	1.99	12.99	19.42	5.24	0.61	42411
May-17	62.60	1.81	2.05	11.06	21.73	3.86	1.13	61975
Jun-17	62.83	1.84	2.05	9.75	17.04	3.89	1.11	65928
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.70	2.24	2.02	11	20	4.26	0.90	170314

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.61	3.05	1.79	12	17	4.54	0.63	522831
APP 17-18	62.50	2.70	2.60	10.00	10.00	5.30	0.96	400000
Apr-17	63.13	2.28	1.50	12.33	17.75	3.78	0.66	25594
May-17	63.01	1.86	1.44	12.19	17.67	3.30	0.77	25728
Jun-17	62.49	2.43	2.03	6.03	17.24	4.46	0.84	43751
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.88	2.19	1.66	10	18	3.85	0.76	95073

गृणवत्ता :: दर्गापूर इस्पात संयंत्र

बोलानी

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.99	2.58	2.42	8	40	5.38	1.00	1195329
APP 17-18	62.70	2.80	2.90	10.00	30.00	5.70	1.04	1800000
Apr-17	62.54	2.93	2.63	5.54	47.79	5.56	0.90	101036
May-17	62.33	2.60	2.64	9.13	38.96	5.24	1.02	107267
Jun-17	62.20	2.69	2.82	6.34	38.11	5.51	1.05	84755
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.44	2.68	2.64	7.03	41.64	5.32	0.99	293058

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.13	2.99	1.96	4	50	4.66	0.71	927188
APP 17-18	62.50	2.90	2.80	5.00	40.00	5.70	0.97	400000
Apr-17	63.14	2.84	2.21	1.92	53.37	5.05	0.78	52126
May-17	63.54	1.79	1.80	2.28	50.39	3.59	1.01	58759
Jun-17	63.60	2.09	1.90	3.10	43.61	3.99	0.91	51590
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.43	2.24	1.97	2	49	4.21	0.88	162475

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काल्टा

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	63.17	2.25	2.20	17.24	18.38	4.45	0.98	517617
APP 17-18	63.00	2.10	2.30	10.00	10.00	4.40	1.10	700000
Apr-17	63.21	1.96	2.11	16.60	18.60	4.07	1.08	51676
May-17	63.30	1.94	2.18	16.60	18.60	4.12	1.12	62804
Jun-17	63.03	2.12	2.21	7.50	18.00	4.33	1.04	21566
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.23	1.97	2.16	15.37	18.52	4.13	1.10	136046

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	63.05	2.37	2.19	18.74	17.46	4.56	0.92	102444
APP 17-18	63.00	2.00	2.20	10.00	10.00	4.20	1.10	
Apr-17	63.50	1.77	1.93	20.70	18.30	3.70	1.09	11573
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.50	1.77	1.93	20.70	18.30	3.70	1.09	11573

तलडीह

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	62.94	2.23	2.45			4.68	1.10	100254
APP 17-18	62.00	2.70	3.10	10.00	10.00	5.80	1.15	200000
Apr-17	63.49	1.88	2.20	16.60	20.00	4.08	1.17	19887
May-17	63.19	1.95	2.38	16.00	20.30	4.33	1.22	44424
Jun-17	63.16	2.01	2.16	16.00	20.30	4.17	1.07	31932
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.26	1.95	2.25	16.16	20.22	4.20	1.15	96243

गृणवत्ता :: राउरकेला इस्पात संयंत्र

काल्ट

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	62.73	2.49	2.31			4.80	0.93	431608
APP 17-18	63.00	2.40	2.50	5.00	40.00	4.90	1.04	1100000
Apr-17	62.82	2.09	2.32			4.41	1.11	47165
May-17	62.81	2.55	2.04			4.59	0.80	44790
Jun-17	62.19	2.46	3.06			5.52	1.24	18028
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.70	2.32	2.35			4.67	1.01	109983

मनोहरपुर

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	62.78	2.49	2.21	8.13	36.75	4.70	0.89	154296
APP 17-18	63.00	2.40	2.60	5.00	40.00	5.00	1.08	300000
Apr-17	62.54	2.30	2.77	7.80	38.00	5.07	1.20	14361
May-17	63.10	1.80	2.40			4.20	1.33	3898
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.64	2.21	2.70	6.43	31.30	4.91	1.22	18259

तलडीह

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	60.11	4.27	4.74			9.01	1.11	9608
APP 17-18	62.00	3.10	3.10	5.00	40.00	6.20	1.00	350000
Apr-17								
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML								

ग्रनावल्टा :: बर्नपर इस्पात संयंत्र

बोलानी

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	64.30	1.39	2.41	24.06	10.21	3.80	1.73	449000
APP 17-18	62.60	2.40	2.50	10.00	10.00	4.90	1.04	500000
Apr-17	63.61	1.56	2.79	29.09	9.67	4.35	1.79	25560
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.61	1.56	2.79	29.99	9.67	4.35	1.79	25560

गुआ

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.51	2.20	2.53	23.63	9.48	4.73	1.15	276000
APP 17-18	62.50	2.70	2.60	10.00	10.00	5.30	0.96	300000
Apr-17	63.84	1.54	2.61	27.15	8.35	4.15	1.69	39740
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	1.54	2.61	27.15	8.35	4.15	1.69	39740

मेधाहातुबुरु

फाईब्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.65	2.84	2.77	7.88	47.01	5.61	0.98	3300
APP 17-18	62.50	3.00	2.50	15.00	15.00	5.50	0.83	
Apr-17								
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML								

NO LUMP ANALYSIS OF RAKE ISP IN JUNE-17

ग्रनावल्टा :: बर्नपर इस्पात संयंत्र

बोलानी

फाईब्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.09	2.84	3.83	10.92	41.61	6.67	1.35	828000
APP 17-18	62.70	2.80	2.90	10.00	30.00	5.70	1.04	900000
Apr-17	61.33	3.10	4.44	14.78	45.87	7.54	1.43	100578
May-17	61.62	2.41	4.36	14.61	45.91	6.77	1.81	76902
Jun-17	60.59	3.58	4.39	25.46	32.59	7.97	1.23	114424
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	61.20	3.04	4.40	18.16	41.61	7.44	1.45	291904

गुआ

फाईब्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.02	2.72	2.95	7.32	48.38	5.67	1.08	1221000
APP 17-18	62.50	2.90	2.80	5.00	40.00	5.70	0.97	1900000
Apr-17	62.34	2.72	3.69	11.85	48.27	6.41	1.36	106482
May-17	62.40	2.55	3.80	11.71	50.47	6.35	1.49	78896
Jun-17	62.49	2.91	3.05	14.42	47.00	5.96	1.05	105838
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.40	2.72	3.65	12.56	48.62	6.37	1.34	291216

गुआ

फाईब्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	64.40	1.23	2.99	26.11	7.83	4.22	2.43	103000
APP 17-18	63.00	2.00	2.20	10.00	10.00	4.20	1.10	150000
Apr-17	63.93	1.82	2.73	26.30	6.70	4.55	1.50	6600
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.93	1.82	2.73	26.30	6.70	4.55	1.50	6600

BLEND QUALITY BASED ON RECEIPT AT PLANTS

गृणवत्ता :: बोकारो
लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/SI	RECPT
Act 16-17	63.76	2.35	1.99	15.91	23.64	4.34	0.85	1814533
APP 16-17	62.70	2.65	2.50	12.00	13.00	5.15	0.94	2700000
Apr-17	63.02	2.51	1.98	17.70	23.06	4.49	0.79	195954
May-17	62.81	2.28	2.11	16.75	22.75	4.39	0.92	164245
Jun-17	63.19	2.30	1.94	15.03	21.19	4.24	0.84	176627
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.03	2.34	2.05	16.54	22.11	4.39	0.88	536826

गृणवत्ता:: द्रगपुर

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/SI	RECPT
Act 16-17	62.75	2.69	1.98	11.04	18.50	4.67	0.74	1381211
APP 16-17	62.60	2.50	2.50	10.00	10.00	5.00	1.00	1300000
Apr-17	62.75	2.88	1.81	12.74	18.79	4.69	0.63	74973
May-17	62.68	1.82	1.95	11.40	21.48	3.77	1.07	91278
Jun-17	62.69	2.08	2.04	8.27	17.12	4.12	0.98	109679
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.70	2.21	1.95	10.52	19.02	4.16	0.88	275930

गृणवत्ता :: बोकारो
फाइन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/SI	RECPT
Act 16-17	62.63	3.35	2.56	7.50	35.43	5.91	0.76	3382001
APP 16-17	62.40	3.20	2.80	8.00	32.00	6.00	0.88	4200000
Apr-17	61.98	3.19	2.74	6.94	35.92	5.93	0.86	281001
May-17	61.69	3.16	2.75	6.48	35.78	5.91	0.87	280619
Jun-17	62.08	3.10	2.70	6.81	35.10	5.80	0.87	357368
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	61.92	3.17	2.71	6.77	35.54	5.88	0.86	918988

गृणवत्ता:: द्रगपुर
फाइन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/SI	RECPT
Act 16-17	62.97	2.88	2.23	6.36	44.13	5.11	0.77	2205352
APP 16-17	62.60	2.90	2.90	9.00	32.00	5.80	1.00	2400000
Apr-17	62.74	2.90	2.49	4.34	49.64	5.39	0.86	160063
May-17	62.76	2.31	2.34	6.71	43.01	4.66	1.01	166026
Jun-17	62.73	2.46	2.47	5.11	40.19	4.93	1.00	136345
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.74	2.56	2.43	5.42	44.47	4.99	0.95	462434

गुणवत्ता :: राउरकेला
लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/Si	RECPT
Act 16-17	62.80	2.50	2.13	18.48	18.77	4.63	0.85	1994671
APP 16-17	62.80	2.50	2.50	11.00	13.00	5.00	1.00	2000000
Apr-17	63.02	2.15	2.23	19.70	19.74	4.39	1.04	206139
May-17	62.98	2.26	2.25	18.73	19.73	4.51	1.00	216151
Jun-17	62.73	2.37	2.47	17.89	19.96	4.84	1.04	150172
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.94	2.25	2.30	18.92	19.79	4.55	1.02	572462

गुणवत्ता :: बर्नपूर इस्पात संयंत्र
लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/Si	RECPT
Act 16-17	64.03	1.68	2.52	23.69	9.73	4.20	1.50	678978
APP 17-18	62.60	2.45	2.50	10.00	10.00	4.95	1.02	1150000
Apr-17	63.77	1.57	2.69	27.76	8.67	4.26	1.71	71900
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.77	1.57	2.69	28.08	8.67	4.26	1.71	71900

गुणवत्ता :: राउरकेला
फाईब्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/Si	RECPT
Act 16-17	62.23	3.06	2.53			5.59	0.83	3156592
APP 16-17	62.50	2.95	2.75			5.70	0.93	4400000
Apr-17	62.16	2.82	2.64			5.46	0.94	272912
May-17	62.34	2.85	2.38			5.22	0.84	247507
Jun-17	62.07	2.87	2.86			5.73	1.00	217056
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	62.19	2.85	2.63			5.48	0.92	737475

गुणवत्ता :: बर्नपूर इस्पात संयंत्र
फाईब्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	AI+Si	AI/Si	RECPT
Act 16-17	62.63	2.77	3.30	8.77	45.69	6.07	1.19	2146780
APP 17-18	62.55	2.90	2.85	7.00	37.00	5.75	0.98	2900000
Apr-17	61.85	2.90	4.05	13.27	47.10	6.96	1.40	207060
May-17	62.01	2.48	4.08	13.14	48.22	6.56	1.64	155798
Jun-17	61.50	3.26	3.75	20.16	39.51	7.00	1.15	220262
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	61.80	2.88	4.03	15.36	45.11	6.91	1.40	583120

गृणवत्ता :: बोकारो इस्पात संयंत्र

भवनाथपुर

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 16-17					
APP 17-18	43.00	5.00	6.50	15.00	10.00
Apr-17					
May-17					
Jun-17					
Jul-17					
Aug-17					
Sep-17					
Oct-17					
Nov-17					
Dec-17					
Jan-18					
Feb-18					
Mar-18					
CUMML					

गृणवत्ता :: बोकारो

BF DOLOMITE

Act 16-17					
APP 17-18	30.00	18.00	5.00	5.00	10.00
Apr-17	27.13	17.02	6.03	11.65	13.30
May-17	27.97	17.13	5.53	8.70	10.33
Jun-17	29.06	17.60	6.35	9.00	10.10
Jul-17					
Aug-17					
Sep-17					
Oct-17					
Nov-17					
Dec-17					
Jan-18					
Feb-18					
Mar-18					
CUMML	28.05	17.25	5.97	9.78	11.24

गृणवत्ता :: बोकारो इस्पात संयंत्र

कुटेश्वर

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 16-17	44.77	2.56	3.59	2.63	24.9
APP 17-18	50.00	2.25	3.50	5.00	5.00
Apr-17	44.02	2.90	3.74	2.17	27.19
May-17	44.93	2.86	3.46	3.53	28.13
Jun-17	47.67	2.43	3.23	2.67	27.16
Jul-17					
Aug-17					
Sep-17					
Oct-17					
Nov-17					
Dec-17					
Jan-18					
Feb-18					
Mar-18					
CUMML	44.02	2.90	3.74	2.17	27.19

गृणवत्ता :: भिलाई

कुटेश्वर

BF LST

	44.02	2.9	3.74	2.17	27.19
Act 16-17	44.93	2.86	3.46	3.53	28.13
APP 17-18	47.67	2.43	3.23	2.67	27.16
Apr-17	49.32	2.40	4.31	7.60	16.19
May-17	50.24	1.92	3.87	7.82	17.41
Jun-17	51.47	1.40	3.18	6.51	17.24
Jul-17					
Aug-17					
Sep-17					
Oct-17					
Nov-17					
Dec-17					
Jan-18					
Feb-18					
Mar-18					
CUMML	50.34	1.91	3.79	7.31	16.95

EQUIPMENT AVAILABILITY & UTILISATION

Jun-17

UNIT IN %

		KIRIBURU				MEGHAHATUBURU				BOLANI				BARSUA				GUA					
		NORM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM	
EQPMT TYPE		AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT
DRILL	150 mm	70	70	30	61	32	63	83	46	67	42	83	27	96	29	95	23	76	27	55	40	43	54
SHOVEL	HYD(D) <4.6 m3	70	75	23	67	17	72	58	3	70	7	97	13	96	14								
	HYD(D) >4.6 m3	85	80	73	68	86	58	56	42	76	40	75	38	86	35	79	26	70	37	64	38	66	44
	HYD(E)	70	70																				
DUMPER	85 tn	65	75	65	73	67	78					35	18	39	16								
	50 tn	70	80					45	1	49	1					91	21	90	22	93	14	60	15
	100 tn	85	80	65	45	68	43	84	30	73	28	60	47	56	49	100		100		48	68	45	73
DOZER		70	70	48	43	54	46	41	20	36	19	46	31	55	26	88	25	91	23	50	57	51	59
CRUSHING PLANT		85	85					93	55	92	51	80	73	86	74								
SCREENING PLANT		85	85					87	51	78	48	80	74	84	67								
OHP		85	85	78	61	72	59													92	80	93	83

Consumption of Key Consumables in 2017-18(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
2010-11	2470622	1067100	3537722	940203	28786084	158970	4380210	0	1133550	826934	0.15	0.62	5.22	27.79
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	552201	149863	702064	129957	6772618	22890	953550	54810	529020	22000	0.08	0.47	4.41	15.24
April'17	178986	42335	221321	39135	2295453	5880	304650	14940	246960	0	0.07	0.40	4.05	10.59
May'17	174112	50555	224667	40860	2313164	9870	298440	19890	170190	0	0.08	0.47	4.74	20.84
June'17	199103	56973	256076	49962	2164001	7140	350460	19980	111870	22000	0.10	0.54	4.49	15.10

Consumption of Key Consumables in 2017-18(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
2010-11	2144701	222113	2366814	673680	20553880	162346	4110120		1173465	509607	0.12	0.40	3.89	30.00
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	612298	7730	620028	120297	3631680	31122	706270	23000	896950	140000	0.07	0.38	2.23	18.93
April'17	203365	200	203565	35160	1170360	6160	133020	0	435750	5000	0.06	0.36	2.06	10.81
May'17	207854	0	207854	41353	1221600	11116	250190	10000	257800	30000	0.08	0.40	2.36	21.46
June'17	201079	7530	208609	43784	1239720	13846	323060	13000	203400	105000	0.07	0.38	2.30	24.90

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	618605	187455	4968720	31679	973405	0	291906	394255	226863	0.10	0.41	2.99	21.16
April'17	203043	34725	1620240	7920	326725	0	82032	104905	67824	0.06	0.43	3.15	16.88
May'17	204419	69615	1697760	14284	358980	0	99931	96900	38693	0.12	0.42	3.05	29.12
June'17	211143	83115	1650720	9475	287700	0	109943	192450	120346	0.12	0.39	2.80	17.62

Consumption of Key Consumables in 2017-18(Barsua-Taldih)

Item	HSD			Expl	Power	Lubricant											
	Litre						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	
2010-11	1748928			281925	18683800	86363	2347022		1244730	1169576			0.06	0.45	5.20	22.23	
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	118430	0	118430	22450	3166071	3490	0	108252	5310	0	97920	0.11	1.15	27.88	33.81		
April'17	30185	0	30185	4950	1069237	1050	0	24700	0	0	24300	0.10	1.24	43.29	43.21		
May'17	46383	0	46383	8000	1137117	1470	0	36650	4365	0	31545	0.11	1.29	27.72	40.94		
June'17	41862	0	41862	9500	959717	970	0	46902	945	0	42075	0.11	0.97	20.06	22.55		

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	779676	200	779876	132850	4481832	27496	968800	0	325793	0	0.10	0.60	3.46	21.24	
April'17	243281	200	243481	50022	1502832	7154	320600	0	116100	0	0.11	0.56	3.44	16.38	
May'17	257565	0	257565	34225	1538376	7546	315200	0	115065	0	0.08	0.60	3.58	17.54	
June'17	278830	0	278830	48603	1440624	12796	333000	0	94628	0	0.11	0.65	3.37	29.92	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										Status as on June th 2017
MINE	GRANTEE	VALID ON	AREA (in ha.)	RENEWAL UPTO	APPL.DATE	FOREST CLEARANCE (FC)				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. South & Central Block (247.5 Ha): Stage-I FC granted by MoEFCC 18.10.2010. Compliance report has been submitted well within the time & presently, proposal forwarded to PCCF, Jharkhand on 08.06.2015 through PCCF (Nodal) and subsequently forwarded to State Govt. on 25.06.2015. State Govt. forward the proposal to MoEFCC on 13.07.2015. Proposal at MoEFCC , ND. Additional information sought by MOEF&CC on 18.09.2015 & reply Reply is being drafted in consultation with Jharkhand State Govt. for onward forwarding to MoEFCC. Meeting was conducted by PCCF, RCCF, DFO(Saranda) at Ranchi on 27.11.2015. Pr. Secretary GoJ issued letter dated 15.12.2015 to PCCF regarding early reply of letter dated 18.09.2015. Compliance report submitted to DFO,Saranda on 15.01.2016. DFO,Saranda forwarded the report to CF on 28.01.2016. CF forwarded the report to Add. PCCF, Jamshedpur on 06.02.2016 & on 26.02.2016, report forwarded the compliance report to PCCF (Nodal), Ranchi. Subsequently forwarded to PCCF, Jharkhand on 2.3.2016. Further, PCCF forwarded the proposal to Pr. Secy. Jharkhand on 15.03.16. GoJ vide letter dt 05.04.16 forwarded the compliance report to MoEF&CC, New Delhi. A meeting on grant of Stage-II FC's was held between Secy (MoEFCC) & Secy (MoS) on 02.12.16. Secretary, MoS vide letter dt 07.02.17 again requested Secretary, MoEFCC for kind intervention to expedite the pending Stage-II FC of Gua, Kiriburu-Meghabatuburu (South & Central Block). Another recent meeting held on 02.05.2017 in the presence of Minister along with The Secretary, DGF&SS and other Officers of MoEF, ICFRE etc wherein some favourable outcome made on Stage-II FC of South- Central Block.	EC granted by MoEFCC for 10 MTPA capacity on 27.12.2006. For enhanced capacity of 16 MTPA, The Project Proposal has been appraised successfully to EAC, MoEF, New Delhi on 22.11.2013. EC granted for 16 MTPA capacity on 23.09.2014. NOC for 16MTPA has been issued by JSPCB on 25.03.2015. CTO FOR 16 MTPA capacity has been granted by JSPCB on 30.12.2015 for the period 01.01.2016 to 31.12.2016. Application for renewal of CTO for the period 01.01.2017 to 31.12.2019 submitted on 24.08.2016 & Renewal of CTO for 16 MTPA granted on 31.12.16 for the period 01.01.17 to 31.12.19.			
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 and is co-terminus with current lease period.	Ore Beneficiation Plant & loading facilities of Meghabatuburu 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 and is co-terminus with current lease period.	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. MoEFCC has also granted forest clearance for the remaining forest land covering 261.95 ha on 12.11.2014. Proposal for additional 87.09 ha sabik FL has been submitted to forest department on 17.02.2016 & forwarded to MoEFCC on 30.06.2016 for grant of Stage-I FC of 87.09 ha of Sabik FL. FAC meeting held on 24.08.16 and site inspection conducted by RO, MoEFCC on 26.11.16 & report has been forwarded to MOEFCC on 08.12.2016. Further information asked by MoEFCC on 12.01.2017 to State Govt & communicated to all concerned inclduing SAIL on 21.01.2017 for further compliance. DFO, Keonjhar raised EDS on 22.02.2017 for compliance.DFO, Keonjhar vide letter dated 21.03.17 submitted the revised map & scheme for CA over an area on 169.72 ha of degraded forest land to RCCF, Rourkela for appraisal and necessary action. Further, RCCF, Rourkela on 28.03.17 forwarded the revised CA map & scheme to Addl. PCCF (Nodal Officer), Odisha for kind approval. The final compliance report submitted online on 13.04.17 and subsequently report was forwarded to Principal Secy. (F&E Dept.) on 28.04.17 through DFO, RCCF, Addl. PCCF (FD & NO). State Govt. forwarded the information to MoEFCC on 04.05.2017.	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 granted by OSPCB on 30.01.2015 & valid upto 31.03.2016. CTO renewed & Valid upto 31.03.2019.			
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)		Stage-I FC was granted by MoEF&CC on 24.02.99. FAC meeting held on 30.04.2014 & 30.05.2014 for modification of conditions. MoEFCC recommended for modification in Stage-I FC grant order. MoEFCC vide letter dt 22.08.2014 has directed State Govt. for the inspection of area under forest land lying within 6.9 Sq. Mile Lease. Compliance of conditions are under progress. Further, 238.093ha was identified as Sabik Forest within the lease & diversion proposal for the said land has been submitted online on 21.06.2016. The proposal was forwarded to MoEFCC on 19.08.16. Site inspection was conducted by CF (Central) on 20 & 21.10.16 and inspection report was forwarded to MoEFCC on 18.11.16. FAC meeting held on 26.12.2016.Further information asked by MoEFCC on 12.01.2017 to State Govt & communicated to all concerned inclduing SAIL on 21.01.2017 for further compliance.The compliance report has been prepared and submitted to DFO, Keonjhar on 31.03.2017. Submitted online on 07.04.17 and subsequently report was forwarded to Addl. PCCF (FC & NO) on 19.04.17 through DFO & RCCF. State Govt. forwarded the information to MoEFCC on 10.05.2017. During FAC meeting dated 16.05.17, the amendment of Stage-I FC was recommended wherein amended order is awaited. Personal hearing on lease matter held with Govt. of Odisha on 07.06.2017. Next hearing is scheduled on 29.07.2017. Secy.. MoS vide letter dated 01.06.17 requested Secy., MoEF&CC to intervene for early issuance of modified Stage-I FC. The matter was taken up by Secretary, Ministry of Steel (i) vide letter dated 01.06.2017 requesting Chief Secretary, Govt. of Odisha to facilitate extension of the lease period and (ii) in the meeting with Chief Secretary, Odisha on 16.06.2017. The reply prepared in response to the aforesaid "Show Cause" notice was discussed with Principal Secretary (Steel & Mines), Govt. of Odisha on 29.06.2017. A request letter dated	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 on 23.03.17 for a period upto 31.03.18.			
BARSAU-KALTA										
ML No.-130	06.01.60	05.01.30	2486.38	NA		Stage-II FC granted by MoEF&CC on 06.03.2013.	EC granted by MoEFCC vide letter dated 29th Oct'10. Amendment EC for ML-130 lease of Barsua-Taldih- Kalta has been granted by MOEFCC on 30.03.2016 for redistribution of production form the mining blocks i.e. Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Taldih to 2.0 Mt/yr, keeping the total annual production capacity within the approved limit of 8.05 Mt/yr. Amendment of CTE in line with the amendment of EC granted by OSPCB on 05.11.16. Consent to Operate has been renewed on 22.03.2016 with validity upto 31.03.2017. Consent to Operate for the redistributed production was granted by OSPCB on 23.03.17 for the period upto 31.03.19.			
ML No.-162	29.04.60	28.04.30	77.94	21.04.99		Stage-I FC for diversion of 77.49 ha including 2.652 ha of safety zone along with the one year working permission has been granted by MoEF CC on 10.02.2015. Stage-I Compliance alongwith other associated conditions related to CA scheme has been communicated to DFO on 28.11.2015 DFO, Bonai forwarded the status of compliance report to State Govt. & forwarded to MoEFCC on 28.11.2016 for extension of working permission.All the necessary payment related CA, PCA, SSCP, Penal NPPV has been made & final Stage-I compliance report has been submitted to DFO Office, Bonai on 02.04.2016 for grant of Stage-II FC. Govt. of Odisha vide letter dt 08.06.16 forwarded the compliance report to MoEF&CC, New Delhi for approval of Stage-II. After that, AIGF (FC), MoEFCC vide letter dated 31.07.16 requested Principal Secretary (F), Govt. of Odisha to send the para-wise comments of the points raised by Regional Office, BBSR vide their letter dated 21.07.16. The para-wise comments forwarded to MoEFCC on 21.10.16 and after examination of the said compliance report, MoEFCC sought some additional clarification on 19.01.17 & directed Govt. of Odisha for further action.Joint verification was conducted by representatives of Forest & Mining Dept. on 15.02.17 DFO, Bonai vide letter dated 28.03.17 submitted the compliance report along with CA & PCA map & scheme to RCCF, Rourkela for approval & necessary action. Further, RCCF, Rourkela forwarded the said compliance report along with CA & PCA map & scheme to Addl. PCCF (Nodal Officer), Govt. of Odisha on 31.03.17. A meeting held between PCCF, Addl. PCCF (Nodal Officer), DFO (Bonai) and DGM (E&L), Barso on 28.04.17 to discuss the compliance report w.r.t. broken area. Further, Addl. PCCF (Nodal Officer), on 28.04.17 queried DFO, Bonai for clarification/comments w.r.t. broken area. After the compliance of the queries, the revised compliance report forwarded to MoEFCC by State Govt. on 24.06.2017.	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.	Non-working lease. Proposal initiated for engagement of consultant for preparation of EIA/ EMP report.NIT has been issued on 26.05.17 for engaging a EIA consultant for preparation of EIA/EMP report for obtaining EC. On scheduled date of tender opening date on 30.06.2017, adequate offers from EIA Accredited Consultants have received and presently techno-commercial evaluations of tenders are under process.			
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 June'2017
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)	Diversion Proposal for the forest land under the lease has been submitted on 29.08.2013. Forwarded to DFO on 19.09.2013.DFO, Garhwa vide letter dtd 03.02.2016 instructed to submit FC proposal online.	MoEFCC, New Delhi has been approved the TORs of three leases viz. Ghaghra, Gorgaon & Saraiya lease of Bhawanathpur as per the following approval details:- Ghaghra - MoEF CC letter no. J-11015/16/2013-IA.II (M) dated 10.12.2014 Saraiya- MoEFCC letter no. J-11015/15/2013-IA.II (M) dated 12.12.2014 & Gorgaon - MoEF CC letter no. J-11015/13/2013-IA.II (M) dated 26.12.2014. Baseline line data generation for EIA study for the three leases has been generated during March, 2015 to May, 2015. Analysis of the data and preparation of draft EIA are under progress.	
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)	Fresh DP has been submitted to PCCF (Nodal) on 01.10.13. Proposal forwarded to DFO on 22.10.13.DFO, Garhwa vide letter dtd 03.02.2016 instructed to submit FC proposal online.		
SARAIYA	31.03.66	31.03.20	275	01.03.07 (3rd RML)	Fresh DP has been submitted to PCCF (Nodal) on 01.10.13. Proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter dtd 03.02.2016 instructed to submit FC proposal online.		
PURNAPANI	06.01.80	31.03.20	230.525	30.12.98	No forest land involved	Non-working lease. No EC	
GHATITANC	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.CTO granted on 10.09.16 with validity upto 31.07.17.	
RIGHT BANK LEASE	10.06.71	09.06.21	944.89	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/449/2012-IA.II(M) dated 02.09.2015.CTE granted on 31.12.2015 for 2.32 MTPA expansion. CTO for 2.32 MTPA expansion granted by MPPCB on 23.02.2016 with validity upto 31.01.17. Further, CTO renewed by MPPCB on 27.01.17 for the period upto 31.01.18.	
TULSIDAMAR	30.10.69	31.03.20	118.72	20.10.08 (2nd RML)	DFO, Garwa vide his letter dated 09.10.2014 directed to submit the diversion proposal as per the modified guidelines including DGPS survey maps. Modification of Diversion Proposal is under progress. DFO, Garhwa vide letter dtd 03.02.2016 instructed to submit FC proposal online. NPV paid for total forest land involved in the project on 30.03.2016.	EC granted in 24.03.1995. CTO for Air & Water for the year 2016-17 granted on 31.03.2016 with validity upto 31.03.2017.Application for renewal of CTO submitted online on 29.11.16 for further period of 3 years w.e.f 01.04.17 to 30.03.20. CTO for production capacity of 25000 TPM (Dolomite) has been renewed by JSPCB on 28.03.17 for the period upto 31.03.2020. Railway Siding CTO- CTO for Rly Siding has been granted by JSPCB on 19.12.2014 having validity upto 30.06.2015. Renewal of CTO granted on 04.07.17 with validity up to 30.06.18.	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL							Status as on June'2017
MINE	GRANTED ON	VALID UPTO	AREA (in ha)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	ENVIRONMENT CLEARANCE (EC)	
GUJ							
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 has been submitted to DFO 02.06.2015. DGPS maps for all the 11 nos. CA areas have been prepared and being authenticated by the respective DFO's State Govt. vide letter dated 30.07.2015 forwarded the proposal to MoEFCC. New Delhi for grant of Stage – 2 FC. MoEFCC sought some information on 23.09.2015 & reply submitted to Jharkhand Govt on 23.09.2015 & forwarded to State Govt on 30.09.2015. Meeting was conducted by State Forest Dept. at Ranchi on 16.11.2015 regarding condition no. xv of Stage I order & presentation on Reclamation was presented there. Further, another meeting was conducted by PCCF,RCCF,DFO(Saranda) at Ranchi on 27.11.2015 and discussed on status of compliance of Stage I & II FC conditions.. Vide letter dt 16.03.16, updated status on both the matters was communicated to AIG (FC), MoEFCC. The project was reviewed in the PMG meeting of Cabinet Secretariat on 20.05.2016, where MoEFCC informed that they are awaiting the report on Carrying Capacity on Saranda region before a final decision on the Stage-II FC of Guja. Presentation on R&R was made before IG (F), Forest Division, New Delhi on 22.06.16 & 08.07.16. Vide letter dated 31.05.16, AIG, Forest (FC) desired the information of individual mine of Saranda Division related to Carrying Capacity Study. The said information was submitted to IG(FC) on 15.07.16. A meeting on grant of Stage-II FC's was held between Scy (MoEFCC) & Scy (MoS) on 02.12.16, wherein Chairman, SAIL & other Senior officers were also present. Secretary, MoS vide letter dt 07.02.17 again requested Secretary, MoEFCC for kind intervention to expedite the pending Stage-II FC of Guja & other pending issues in the matter of FC.	EC granted on 25.03.2013 by MoEF. JSPCB renewed Consent to Operate for 12.5 MTPA production on 11.05.2015 with validity upto 31.12.2015. Renewal of CTO granted on 04.01.2016 with validity upto 31.12.2016. Application for renewal of CTO for the period 01.01.17 to 31.12.20 submitted online on 05.08.16. Renewal of 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)	FAC, MoEF has recommended for stage-I FC subjected to submission of DGPS Map of lease and Compensatory Afforestation Land vide letter no. F.No.8-75/1998-FC,(vol-I), dt. 08.03.13. DGPS Map and CA land have been submitted to DFO, Saranda on 29.04.13. Deputy Secretary (F&E) sent a letter on 27.01.2014 to PCCF regarding present status of mining & land use plan of the leasehold. Desired information has been submitted to PCCF (Nodal) on 12.03.2014 with a copy to Joint Secretary, Govt. of Jharkhand. Proposal forwarded by Principal Secretary (F&E) to MoEF on 22.09.2014.	ToR has been granted by MoEF & CC on 04.03.2015. Baseline data for EIA study has been generated during Oct to Dec, 2015. Draft EIA/EMP report submitted to JSPCB on 31.08.16 for conducting Public Hearing. MS, JSPCB vide letter dated 22.09.16 has fixed the dated of PH on 12.11.16 and also informed to submit the draft EIA report to the concerned officials (as mentioned in the letter). PH held successfully on 12.11.16 and PH proceedings were forwarded MoEFCC on 30.11.16.. Final EIA/EMP report with incorporation of PH proceedings has been finalised and submitted online on 04.01.2017. Proposal was accepted online on 10.02.2017 for examination by EAC. Hard copy of EIA/EMP reports submitted to MoEFCC on 21.02.17. MoEFCC vide letter dt 03.04.17 informed that EC proposal will be considered after approval of Carrying Capacity study report by Competent Authority.	
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC granted by MoEF on 29.01.2013. Stage I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi on 31.10.16 for grant of Stage-II FC. RO, MoEFCC asked to Principal Scy to GoJ on 28.11.16 for providing correct geo-referenced map of the forest land proposed for diversion and shape file format CA land (42 ha) along with correct details of remittance for further processing. Further, Dy. Scy to GoJ vide letter dt 21.12.16 requested PCCF, Ranchi for providing the same. The compliance of the query was prepared & submitted. The proposal forwarded to PCCF (Nodal) on 15.05.17 through CF & RCCF. PCCF (Nodal) forwarded the proposal to PCCF, Ranchi on 12.06.17.	TOR for EIA Study for production of 20,820 TPA Mn ore was issued BY MoEF on 23rd July'12 EIA / EMP Report submitted to JSPCB for conducting Public Hearing (PH) on 09.10.2013. PH conducted on 31.01.2014. JSPCB forwarded the proceedings of PH to MoEF on 07.04.2014. MoEFCC vide letter dated 08.09.2015 extended validity of TOR upto 22.07.2016 and transferred the proposal to SEIIA, Jharkhand for appraisal. Final EIA/EMP report along with other documents submitted to MoEFCC online on 12.07.16 for grant of EC. The project will be considered for appraisal by EAC only after decision on Carrying Capacity Study for Saranda Forest, which is pending at MoEFCC. Proposal was accepted online on 10.02.2017 for examination by EAC. Hard copy of EIA/EMP reports submitted to MoEFCC on 21.02.17.	
Topailore	09.03.70	31.03.20	14.15	04.03.99	Stage-I FC 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 31.10.16 for grant of Stage-II FC.	EC granted by SEIIA vide letter no. EC/SEIIA/2015-16/2015/1291 dated 17.08.2015. CTE for 0.6 MTPA production capacity granted by JSPCB on 19.09.16 with validity upto 6 months. Vide letter dated 06.03.16 a request was made to JSPCB for extension of CTE by one more year.	
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. Letter regarding condition no 17,18,19,20 & 21 of Stage-I FC issued by Special Secretary (F&E) to PCCF, Jharkhand on 24.03.2014. Reply submitted on 21.05.2014. Proposal forwarded to RCCF, Jamshedpur on 06.06.2014 by CF, Chaibasa. Subsequently proposal forwarded to PCCF (Nodal), Jharkhand on 12.06.2014 & to PCCF on 09.07.2014. PCCF sent the information to Principal Secretary (F&E) on 23.07.2014. State Govt. forwarded the proposal to MoEFCC on 22.09.2014. MoEF&CC, New Delhi vide letter dated 21.04.2015 requested Regional Office, MoEFCC, Bhubaneswar to inspect Dholi & Sukri Leases to verify any violation of FC (Act), 1980 and report accordingly before grant of Stage – 2 FC. MoEF&CC, BBSR inspected the mines during 25 – 26, June, 2015. Inspection report was sent to MoEFCC, New Delhi on 24th July'15. Meeting held with DGF & Special Secretary, MoEFCC on 08.09.2015 and subsequently request letter sent on 15.09.2015 to grant Stage – 2 FC keeping in view of the proposed expansion of the mines.	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. Vide letter dated 06.06.17, a request letter was submitted to JSPCB to extend the NOC for one year i.e. from 25.07.17 to 24.07.18.	
Ajitaburu	07.12.47	06.12.77	323.887	04.12.06 (2nd RML)	Forestry clearance exist upto 2018.	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	07.03.18	513.036	06.03.97 (2nd RML)	Forestry clearance exist upto 2018.	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. CTO renewed on 29.06.17 & valid upto 07.03.18.CTO for Manoharpur siding renewed on 08.12.16 by JSPCB for the period upto 30.06.2021 for dispatch of 2.5 lakhs T/month of iron ore.	
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 01.07.2017			
	Executives	Non-Executives	Total
A. ORE MINES			
Kiriburu	96	570	666
Meghahatuburu	76	527	603
Bolani	96	452	548
Barsua	59	328	387
Kalta	17	59	76
Gua	71	548	619
Manoharpur(Chiria)	18	58	76
A.TOTAL	433	2542	2975
B. FLUX MINES			
Purnapani	1	10	11
Kuteshwar	22	129	151
BNP & TDMR	11	138	149
Satna	0	1	1
B. TOTAL	34	278	312
C. OFFICES			
Kolkata	72	33	105
Rourkela	15	17	32
Bokaro	1	4	5
Durgapur	1	5	6
Delhi	3	2	5
Bhubaneswar	1	4	5
Ranchi	3	1	4
MT	7	0	7
C. TOTAL	103	66	169
GRAND			
TOTAL(A+B+C)	570	2886	3456
Manpower as on 01.06.2017	572	2901	3473
Reduction(-) / Increase(+)	-2	-15	-17

ACCIDENT STATISTICS

MINES	FATAL		REPORTABLE		MANDAYS LOST	
	June'17	Cumulative	June'17	Cumulative	June'17	Cumulative
KIOM	NIL	NIL	NIL	NIL	NIL	NIL
MIOM	Nil	NIL	NIL	NIL	NIL	NIL
BOM	NIL	NIL	NIL	1	NIL	8
BIM	Nil	NIL	NIL	NIL	NIL	NIL
KIM	NIL	NIL	NIL	NIL	NIL	NIL
GOM	NIL	NIL	NIL	NIL	NIL	NIL
MOM	NIL	NIL	NIL	NIL	NIL	NIL
BNP	NIL	NIL	NIL	NIL	NIL	NIL
TDMR	NIL	NIL	NIL	NIL	NIL	NIL
KTR	NIL	NIL	NIL	NIL	NIL	NIL
PL & DQ	NIL	NIL	NIL	NIL	NIL	NIL
CUMULATIVE FROM JANUARY'17						
* FROM PREVIOUS CASE						

Highlights of CSR Activities of RMD in June, 2017

Manoharpur Ore Mines, Chiria :

One 3 days training program (from 08/06/17 to 10/06/17) was organised by SAIL, CSR, Manoharpur Ore Mines with collaboration of Malnutrition Treatment Center [MTT], Chaibasa Govt. of Jharkhand and UNICEF. The program was attended by 40 participants including 5 doctors, GNM and ANM from Govt. Hospitals of Chaibasa, Chakradharpur, Majhgaon, Manoharpur and Chira Hospital. All our CSR health workers also participated in the program. The basic objective of the program was to impart skill to ANM and health workers to identify and manage the cases of Severe Acute Malnutrition (SAM) and Moderate Acute Malnutrition (MAM) among children and Mother in West Singhbhum. The Training was imparted by Dr.Jagannath Hemrum of MTT Chaibasa.

SAIL, Chiria is operating 5 ambulance in Saranda forest. Therefore, such training to our ANM/health workers will help in identifying the Malnutrition cases in the villages and eradicate them with the help of Jharkhand Government and UNICEF.

Barsua Iron Mines :

Free Mega Health Camp organised by Barsua Mines at Barsua Hospital, Tensa. Beneficiaries are 347 in nos. from Tensa, Bahamba, Tantara, Fuljhar, Taldih, Barsua Valley villages. Expenditure : Rs. 40,000/- (approx).

PROTE

PERFORMANCE

SP

IRON ORE STOCK INVENTORY BEHAVIOUR

June 2017

IRON ORE LUMP

UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2017	01.06.2017	MTH	CUM	MTH	CUM	01.07.2017	MTH	YR
BSL	53	52	176	536	160	524	79	27	26
DSP	65	21	110	270	113	321	18	-3	-47
RSP	70	127	151	574	198	524	80	-47	10
ISP	29	74	84	257	58	175	76	2	47
BSP	100	135			191	607	156	21	56
TOT	317	409	521	1637	720	2151	409	0	92

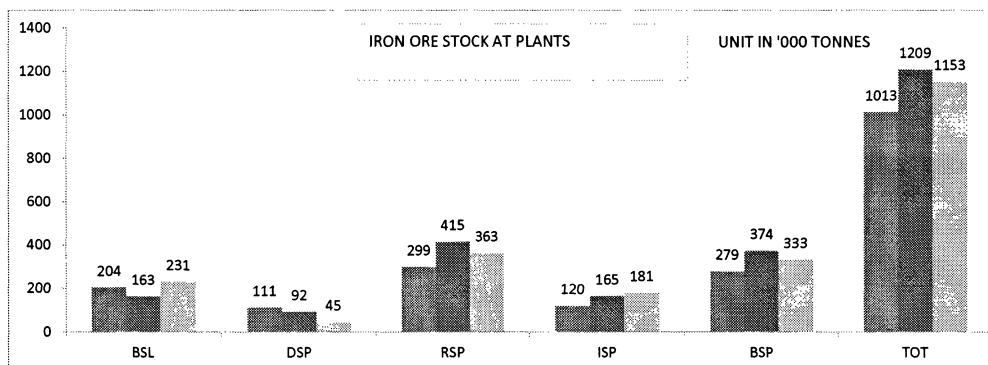
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2017	01.06.2017	MTH	CUM	MTH	CUM	01.07.2017	MTH	YR
BSL	151	111	357	918	376	1068	152	41	1
DSP	46	71	137	456	180	476	27	-44	-19
RSP	229	288	217	737	254	824	283	-5	54
ISP	91	91	230	593	205	592	105	14	14
BSP	179	239	40	51	289	850	177	-62	-2
TOT	696	800	981	2755	1304	3810	744	-56	48

IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2017	01.06.2017	MTH	CUM	MTH	CUM	01.07.2017	MTH	YR
BSL	204	163	533	1454	536	1592	231	68	27
DSP	111	92	247	726	293	797	45	-47	-66
RSP	299	415	368	1311	452	1348	363	-52	64
ISP	120	165	314	850	263	767	181	16	61
BSP	279	374	40	51	480	1457	333	-41	54
TOT	1013	1209	1502	4392	2024	5961	1153	56	140

* BSP RECEIPT FROM RMD MINES



PRODUCTION PERFORMANCE

June 2017

हॉट मेटल

UNIT 000 TONNES

संयन्त्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	308	291	94	883	907	103	861	5
दूर्गापूर	191	175	92	474	451	95	601	-25
राऊरकेला	328	256	78	974	729	75	683	7
बर्नपूर	191	159	83	540	454	84	415	9
पूर्वी इस्पात संयन्त्र	1018	881	87	2871	2541	89	2560	-1
भिलाई	473	316	67	1291	972	75	1282	-24
TOTAL	1491	1197	80	4162	3513	84	3842	-9

सिन्टर

UNIT 000 TONNES

संयन्त्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	398	455	114	1268	1387	109	1191	16
दूर्गापूर	267	245	92	663	646	97	858	-25
राऊरकेला	525	387	74	1560	1156	74	1181	-2
बर्नपूर	291	258	89	824	749	91	685	9
पूर्वी इस्पात संयन्त्र	1481	1345	91	4315	3938	91	3915	1
भिलाई	799	482	60	2046	1437	70	1795	-20
TOTAL	2280	1827	80	6361	5375	84	5710	-6

IRON ORE RECEIPTS FOR THE MONTH OF June 2017

FIGS IN '000 T

	Lump Receipt								
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	MPR	TOT
BSL	27	39	51	0	0	19	17	23	177
DSP	0	0	66	0	0	0	44	0	110
RSP	61	36	0	0	32	22	0	0	150
ISP	0	0	61	0	0	0	10	13	85
BSP	0	0	0	0	0	0	0	0	0
TOT	88	75	178	0	32	40	71	36	521

	Fines Receipt								
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	MPR	TOT
BSL	109	86	72	0	0	26	64	0	357
DSP	0	0	85	0	0	0	52	0	136
RSP	89	110	0	0	0	18	0	0	217
ISP	0	10	114	0	0	0	106	0	231
BSP	40	0	0	0	0	0	0	0	40
TOT	238	207	271	0	0	44	222	0	982

	Total Receipt								
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	MPR	TOT
BSL	137	125	123	0	0	45	81	23	534
DSP	0	0	151	0	0	0	95	0	246
RSP	149	146	0	0	32	40	0	0	367
ISP	0	10	176	0	0	0	116	13	315
BSP	40	0	0	0	0	0	0	0	40
TOT	326	282	449	0	32	85	293	36	1503

IRON ORE RECEIPTS TILL THE MONTH OF June 2017

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	93	127	185	0	0	19	70	0	42	0	536
DSP	0	0	170	0	0	0	96	0	4	0	270
RSP	204	125	0	0	96	137	0	0	12	0	574
ISP	0	0	135	0	0	0	93	0	29	0	257
BSP	0	0	0	0	0	0	0	0	0	0	0
TOT	297	252	490	0	96	156	259	0	87	0	1637

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	255	248	202	0	0	29	169	0	15	0	918
DSP	0	0	293	0	0	0	163	0	0	0	456
RSP	360	249	0	0	0	110	0	0	18	0	737
ISP	0	10	292	0	0	0	291	0	0	0	593
BSP	51	0	0	0	0	0	0	0	0	0	51
TOT	666	507	787	0	0	139	623	0	33	0	2755

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	348	375	387	0	0	48	239	0	57	0	1454
DSP	0	0	463	0	0	0	259	0	4	0	726
RSP	564	374	0	0	96	247	0	0	30	0	1311
ISP	0	10	427	0	0	0	384	0	29	0	850
BSP	51	0	0	0	0	0	0	0	0	0	51
TOT	963	759	1277	0	96	295	882	0	120	0	4392

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		