

आर.एम.डी. इन्फ्रारेटिक्स



FEBRUARY'2018



द्वारा प्रकाशित:
पीपीसी विभाग
रॉ मेटेरियल्स डिवीजन
भारतीय इस्पात प्राधिकरण

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Excerpt

For the month of February'2018

➤ **Production :**

- ❖ 91% APP fulfillment in Total Production by RMD Mines. 97%, 153%, 98% & 95% APP fulfillment in production by Kirirburu, Meghahatuburu, Bolani & Gua Mines respectively.
- ❖ 96% & 89% APP fulfillment in Lump & Fines Production Respectively by RMD Mines.
- ❖ 69% APP fulfillment in Flux production. 67% & 80% APP fulfillment in production by Kuteshwar & Tulsidamer Flux Mines.

➤ **Despatch :**

- ❖ 87% APP fulfillment in despatch of iron ore and 64% APP fulfillment in Flux despatch by RMD Mines.
- ❖ 102% & 80% APP fulfillment in Lump & Fines Despatch Respectively by RMD Mines.
- ❖ 65% & 55% APP fulfillment in Flux despatch by Kuteshwar Limestone & Tulsidamar Dolomite mines respectively.

471 Rakes Despatched in February'2018

Details of Rake Despatched

MINES	COMM	February'18	TILL2017-18
KBR	L	28	307
	F	67	712
MBR	L	32	287
	F	52	621
BOL	L	48	496
	F	98	908
TAL	L	13	113
	F	0	0
KAL	L	18	174
	F	10	178
GUA	L	21	201
	F	66	728
MPR	L	11	60
	F	7	48
RMD	L	171	1638
	F	300	3195
TOTAL		471	4833

PLANT	COMM	February'18	TILL 2017-18
BSL	L	59	547
	F	96	935
DSP	L	32	302
	F	66	672
RSP	L	54	544
	F	76	881
ISP	L	26	245
	F	61	652
BSP	L	0	0
	F	1	55
TOTAL	L	171	1638
	F	300	3195
TOTAL		471	4833

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

FEB 2018

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	PLAN		FOR MONTH				GRTH % OVER LSTYR FEB 2017	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
	2017-18	TGT	ACT	%FF	LAST YR FEB 2017	TGT	ACT	%FF	LAST YR				
KIRIBURU 5500	L	1300	100	101	101	68	48.5	1185	1142	96	1248	-8.5	
	F	3000	260	247	95	215	14.9	2730	2646	97	2534	4.4	
	T	4300	360	348	97	283	23.0	3915	3788	97	3782	0.2	75
MEGHAHA TUBURU 5000	L	1150	60	77	128	94	-18.1	1080	1050	97	1029	2.0	
	F	2750	130	213	164	228	-6.6	2590	2329	90	2499	-6.8	
	T	3900	190	290	153	322	-9.9	3670	3379	92	3528	-4.2	74
BOLANI 6500	L	2200	190	170	89	142	19.7	2005	1835	92	1910	-3.9	
	F	3900	310	319	103	326	-2.1	3560	2901	81	3186	-8.9	
	T	6100	500	489	98	468	4.5	5565	4736	85	5096	-7.1	79
BARSUA 3000	L	100	30					65					
	F	400	120					260					
	T	500	150					325					
TALDIH 1000	L	500	40	49	123	25	96.0	455	372	82	70	431.4	
	F	450	40	4	10			405	4	1	10	-60.0	
	T	950	80	53	66	25	112.0	860	376	44	80	370.0	41
KALTA 2500	L	800	65	66	102	48	37.5	730	643	88	518	24.1	
	F	1100	110	45	41	94	-52.1	980	640	65	440	45.5	
	T	1900	175	111	63	142	-21.8	1710	1283	75	958	33.9	56
GUA 4000	L	1000	80	70	88	82	-14.6	920	812	88	939	-13.5	
	F	3200	260	252	97	224	12.5	2970	2791	94	2733	2.1	
	T	4200	340	322	95	306	5.2	3890	3603	93	3672	-1.9	98
MANOHAR - PUR 1500	L	350	25	32	128	25	28.0	320	210	66	287	-26.8	
	F	300	20	27	135	25	8.0	270	180	67	215	-16.3	
	T	650	45	59	131	50	18.0	590	390	66	502	-22.3	15
TOTAL 29000	L	7400	590	565	96	484	16.7	6760	6064	90	6001	1.0	
	F	15100	1250	1107	89	1112	-0.4	13765	11491	83	11617	-1.1	
	T	22500	1840	1672	91	1596	4.8	20525	17555	86	17618	-0.4	66

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

FEB 2018

UNIT 000 TONNES

DESPATCHES

MINE	PLAN	FOR THE MONTH					GRTH % OVER LSTYR FEB 2017	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON				
		2017-18	TGT	ACT	%FF	LAST YR FEB 2017		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END		
KIRIBURU	L	1300	100	95	95	72	31.9	1185	1129	95	1244	-9.2	5	14	18		
	F	3000	250	251	100	223	12.6	2730	2633	96	2343	12.4	1002	1022	1016		
	T	4300	350	346	99	295	17.3	3915	3762	96	3587	4.9	1007	1036	1034		
MEGHAHA TUBURU	L	1200	80	111	139	84	32.1	1100	1061	96	892	18.9	136	146	107		
	F	2750	200	190	95	189	0.5	2535	2312	91	2210	4.6	539	518	534		
	T	3950	280	301	108	273	10.3	3635	3373	93	3102	8.7	675	664	641		
BOLANI	L	2200	165	167	101	179	-6.7	2000	1813	91	1865	-2.8	104	117	120		
	F	3900	310	340	110	242	40.5	3580	3080	86	2958	4.1	1738	1566	1549		
	T	6100	475	507	107	421	20.4	5580	4893	88	4823	1.5	1842	1683	1669		
BARSUA	L	100	30				65					15	15	15			
	F	400	120				260					194	194	194			
	T	500	150				325					209	209	209			
TALDIH	L	500	40	43	108	29	48.3	455	372	82	65	472.3	5	2	7		
	F	450	40				405					-100.0	4	4	8		
	T	950	80	43	54	29	48.3	860	372	43	74	402.7	9	6	15		
KALTA	L	800	65	65	100	49	32.7	730	639	88	529	20.8	10	16	6		
	F	1100	110	41	37	97	-57.7	980	643	66	437	47.1	16	6	6		
	T	1900	175	106	61	146	-27.4	1710	1282	75	966	32.7	26	22	12		
GUA	L	1000	80	78	98	80	-2.5	920	717	78	925	-22.5	27	36	20		
	F	3200	260	205	79	223	-8.1	2970	2463	83	2687	-8.3	182	200	182		
	T	4200	340	283	83	303	-6.6	3890	3180	82	3612	-12.0	209	236	202		
MANOHAR - PUR	L	350	25	40	160	25	60.0	320	209	65	305	-31.5	5				
	F	300	20	23	115	25	-8.0	270	161	60	226	-28.8	3	14	17		
	T	650	45	63	140	50	26.0	590	370	63	531	-30.3	3	19	17		
TOTAL	L	7450	585	599	102	518	15.6	6775	5940	88	5825	2.0	302	351	293		
	F	15100	1310	1050	80	999	5.1	13730	11292	82	10870	3.9	3678	3524	3506		
	T	22550	1895	1649	87	1517	8.7	20505	17232	84	16695	3.2	3980	3875	3799		

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)
FEB 2018

UNIT 000 TE

DEVELOPMENT

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

KIRIBURU	345	245	71	3255	2164	66	2340	-7.5
MEGHAHATUBURU	470	362	77	3910	3655	93	2741	33.3
BOLANI	500	280	56	5080	3000	59	2250	33.3
BARSUA	100	1	1	590	84	14	1754	-95.2
TALDIH	80	0	0	905	176	19	266	-33.8
KALTA	0	0		20	39	195	2	1850.0
GUA	255	109	43	2490	1443	58	1452	-0.6
MANOHARPUR	0	0		6	5	83	3	66.7
TOTAL	1750	997	57	16256	10566	65	10808	-2.2

ROM

KIRIBURU	360	348	97	4015	3848	96	3779	1.8
MEGHAHATUBURU	240	305	127	4105	3634	89	3574	1.7
BOLANI	540	467	86	5820	4758	82	5183	-8.2
BARSUA	170	0	0	360	0	0	0	
TALDIH	80	52	65	860	420	49	101	315.8
KALTA	175	113	65	1520	1296	85	1081	19.9
GUA	340	322	95	3890	3603	93	3674	-1.9
MANOHARPUR	45	59	131	590	388	66	503	-22.9
TOTAL	1950	1666	85	21160	17947	85	17895	0.3

TOTAL EXCAVATION

KIRIBURU	705	593	84	7270	6012	83	6119	-1.7
MEGHAHATUBURU	710	667	94	8015	7289	91	6315	15.4
BOLANI	1040	747	72	10900	7758	71	7433	4.4
BARSUA	270	1	0	950	84	9	1754	-95.2
TALDIH	160	52	33	1765	596	34	367	62.4
KALTA	175	113	65	1540	1335	87	1083	23.3
GUA	595	431	72	6380	5046	79	5126	-1.6
MANOHARPUR	45	59	131	596	393	66	506	-22.3
TOTAL	3700	2663	72	37416	28513	76	28703	-0.7

Performance against Last Year

Unit in Tons	PREVIOUS YEAR EXCAVATION PERFORMANCE 2016-17																			RMD TOTAL							
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua								
	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	512730	313560	199170	456640	336240	120400	606015	520233	85782	251280	0	251280	0	97350	97350	0	409550	305735	103815	41761	38308	3453	2375326	1611426	763900		
May-16	565110	368640	196470	524630	380430	144200	626036	497283	128753	229500	0	229500	0	83660	83660	0	451380	331500	119880	39116	39116	0	2519432	1700629	818803		
Jun-16	642240	386280	255960	622860	360810	262050	692754	524279	168475	155115	0	155115	0	64920	64920	0	493130	342200	150930	48515	48515	0	2719534	1727004	992530		
Jul-16	493650	358380	135270	606825	108675	498150	605399	444024	161375	186030	0	186030	21555	21555	22770	22770	0	483790	365800	117990	43348	43348	0	2463367	1342997	1120370	
Aug-16	500580	319140	181440	507450	205650	301800	641032	421924	219108	180045	0	180045	31950	31950	108700	108700	0	464214	344800	119414	53533	53533	0	2487504	1453747	1033757	
Sep-16	499950	344520	155430	540950	308150	232800	643454	432686	210768	209295	0	209295	51165	51165	128900	128900	0	430960	312700	118260	33977	33977	0	2538651	1560933	977718	
Oct-16	578880	368820	210060	722600	518800	203800	679353	505751	173602	169515	0	169515	58880	11900	46980	115750	115750	0	507730	344200	163530	46603	46603	0	2879311	1911824	967487
Nov-16	575460	338940	236520	568040	352440	215600	769480	484190	285290	118755	0	118755	53180	19700	33480	137950	137950	0	507110	330800	176310	50896	50896	0	2780871	1714916	1065955
Dec-16	586530	360090	226440	617600	343400	274200	640638	440916	199722	120600	0	120600	62400	24600	37800	122266	119950	2316	456720	348900	107820	50517	50517	0	2457271	1688373	968898
Jan-17	590220	337320	252900	597930	347830	230100	706125	441392	264733	67905	0	67905	39760	18700	21060	92350	92350	0	468850	340600	128250	46760	46760	0	2609900	1644952	964948
Feb-17	574650	283050	291600	550750	292050	258700	822820	470766	352054	65295	0	65295	47215	25300	21915	107650	107650	0	451650	305400	146250	50481	50481	0	2670511	1534697	1135814
Total	6120000	3778740	2341260	6316275	3574475	2741800	7433106	5183444	2249662	1753335	0	1753335	366105	100200	265905	1082266	107950	2316	5125084	3672635	1452449	505507	502054	3453	28701678	17891498	10810180

	THIS YEAR EXCAVATION PERFORMANCE 2017-18																			RMD TOTAL							
	Kiriburu			Megahatuburu			Bolani			Barsua			Taldih			Kalta			Gua								
	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	49000	24700	24300	125300	125300	0	436700	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	430265	315200	115065	49712	49712	0	2313451	1562593	750858
Jun-17	504310	370440	133870	644460	336060	308400	710439	397643	312796	945	0	945	88977	46902	42075	87500	87500	0	427628	333000	94628	31287	31287	0	2495546	1602832	892714
Jul-17	395010	344160	50850	630510	323010	307500	779891	354928	424963	0	0	0	71623	49888	21735	74600	74600	0	410365	323000	87365	0	0	0	2361999	1469586	892413
Aug-17	487860	403920	83940	747990	315990	432900	560903	430152	130751	1620	0	1620	33313	29533	3780	96353	96353	0	452670	315600	137070	0	0	0	2380709	1591548	789161
Sep-17	557660	364050	193610	645350	409950	235400	675522	432019	243503	0	0	0	52427	40592	11835	100760	100760	0	445325	295700	149625	4589	4589	0	2481633	1647660	833973
Oct-17	677616	401670	275946	719770	395370	324400	779895	453030	326865	13140	0	13140	47915	36485	11430	163300	163300	0	508510	354100	154410	42905	42905	0	2953051	1846860	1106191
Nov-17	587790	311670	276120	734660	399060	335600	785467	443610	341857	23895	0	23895	49704	36114	13590	169150	149600	19550	514255	346000	168255	42202	42202	0	2907123	1728256	1178867
Dec-17	653820	339480	314340	707890	396390	311500	709014	518709	190305	29445	0	29445	45264	35814	9450	164450	145600	18850	504435	332400	172035	55295	55295	0	2869613	1823688	1045925
Jan-18	500030	327420	172610	669220	360720	308500	831205	391986	439219	9675	0	9675	29552	29552	0	116300	116300	0	484750	344800	139950	58759	53902	4857	2699491	1624680	1074811
Feb-18	592830	347760	245070	667500	305300	362200	746992	467259	279733	1215	0	1215	52473	52473	0	112600	112600	0	430665	322100	108565	58948	58948	0	2663223	1666440	996783
Total	6011996	3848490	2163506	7289110	3635060	3654050	7755318	4757004	2998314	84300	0	84300	594743	418703	176040	1333913	1295513	38400	5045568	3602500	1443068	392376	387519	4857	28507324	17944789	10562535

DIFF	-108004	69750	-177754	972835	60585	912250	322212	-426440	748652	-1669035	0	-1669035	228638	318503	-89865	251647	215563	36084	-79516	-70135	-9381	-113131	-114535	1404	-194354	53291	-247645
%Chg	-1.8	1.8	-7.6	15.4	1.7	33.3	4.3	-8.2	33.3	-95.2	#DIV/0!	-95.2	62.5	317.9	-33.8	23.3	20.0	1558.0	-1.6	-1.9	-0.6	-22.4	-22.8	40.7	-0.7	0.3	-2.3

Performance against Last Year

Unit in T

	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
Jul-16	111626	246754	358380	63124	118841	181965	176630	255034	431664				1446		1446	91702	274098	365800	27311	16037	43348	471839	910764	1382603
Aug-16	118605	200535	319140	51448	144568	196016	170814	246460	417274				26186	15432	41618	71388	273412	344800	35929	17603	53532	474370	898010	1372380
Sep-16	141645	202875	344520	69981	179763	249744	176597	247954	424551				31789	34415	66204	70100	242600	312700	17605	16373	33978	507717	923980	1431697
Oct-16	157686	211134	368820	108747	294875	403622	175855	300708	476563				58176	37497	95673	85248	258952	344200	23532	23070	46602	609244	1126236	1735480
Nov-16	120106	218834	338940	111129	264171	375300	173370	278671	452041	17266		17266	56617	63670	120287	81408	249392	330800	26671	24225	50896	586567	1098963	1685530
Dec-16	105856	254234	360090	91310	251183	342493	167035	296428	463463	14045	9888	23933	55397	83796	139193	90944	257956	348900	28252	22265	50517	552839	1175750	1728589
Jan-17	103613	233707	337320	105438	275658	381076	168531	272651	441182	14334		14334	39975	88213	128188	90388	250232	340600	24229	22530	48759	546488	1142991	1689479
Feb-17	67801	215249	283050	94037	227524	321561	142239	325727	467966	25105		25105	47834	93516	141350	81600	223800	305400	25103	25378	50481	483719	1111194	1594913
Total	1245658	2533082	3778740	1030425	2497870	3528295	1909673	3185076	5094749	70750	9888	80638	518349	440900	959249	940738	2731897	3672635	286762	215288	502050	6002355	11614001	17616356

Change Over Last Year

	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	
Jul-17	94020	250140	344160	92232	168657	260889	121037	192991	314028	24980		24980	51291	18756	70047	70132	252868	323000			453692	883412	1337104		
Aug-17	125088	245729	370817	116632	147047	263679	184599	261823	446422	29533		29533	52147	44206	96353	61660	253940	315600			4589	4589	572456	952745	1522404
Sep-17	112140	244026	356166	118839	191549	310388	180000	236999	416999	40592		40592	54105	78703	132808	66780	228920	295700			4589	4589	572456	984786	1557242
Oct-17	115199	275648	390847	122139	228941	351080	204036	242119	446155	36485		36485	55615	117138	172753	74039	280061	354100	14515	28390	42905	622028	1172297	1794325	
Nov-17	90875	210860	301735	110426	280670	391096	176783	263777	440560	36114		36114	67163	75554	142717	67453	278547	346000	11710	30492	42202	560524	1139900	1700424	
Dec-17	104247	235233	339480	105444	287562	393006	189386	331703	521089	35814		35814	83024	73857	156881	66170	266230	332400	29351	25944	55295	613436	1220529	1833965	
Jan-18	94827	232593	327420	112493	265295	377788	128186	274420	402606	29552		29552	60155	41565	101720	72020	272780	344800	28223	25679	53902	525456	112332	1637788	
Feb-18	101186	246574	347760	77021	213478	290499	169788	319121	488909	48575	3898	3898	52473	65967	44530	110497	69940	252160	322100	32259	26690	58949	564736	1106451	1671187
Total	1142614	2644131	3786745	1050998	2328421	3379419	1835870	2900644	4736514	370858	3898	3898	374756	643394	638710	1282104	812699	2798901	3602500	207799	179770	387569	6064232	11485375	17549607

Performance against Last Year

Unit in Te	PREVIOUS YEAR DESPATCH 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	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		
Jul-16	106337	216797	323134	63934	161707	225641	190355	250437	440792	0	3795	3795	75466	272809	348275	31718	15912	47430	471605	917662	1389267			
Aug-16	126795	236920	363715	60140	142215	202355	137855	263493	401348	0	26565	15614	42179	80899	281183	362082	36110	25343	61453	488364	964768	1433132		
Sep-16	139119	194717	333836	53949	129083	183032	155154	254031	409185	0	30794	34532	65326	63113	249099	312212	19800	23100	42900	461929	884562	13446491		
Oct-16	150802	199548	350350	59462	261491	320953	175286	290688	465974	0	60651	37881	98532	85725	243146	328871	24340	24839	49179	556266	1057593	1613859		
Nov-16	113088	211161	324249	108573	209975	318548	149547	298092	447639	6600	6600	55895	60731	116626	81928	254452	336380	29435	25054	54489	545066	1059465	1604531	
Dec-16	106761	172059	278820	58661	159984	218645	148593	243346	389939	16008	6473	22481	53061	83421	136482	95118	237432	332550	31142	29299	60441	507344	932014	1439358
Jan-17	111686	184537	296223	74386	201417	275803	133665	256987	390652	13019	3205	16224	41538	79705	121243	87174	247021	334195	25149	21210	46359	486617	994082	1480699
Feb-17	72209	222510	294719	83767	187767	271534	178311	242048	420359	29189	29189	49335	96485	145820	79359	223290	302649	25476	27613	53089	517646	999713	1517359	
Total	1245859	2343371	3589230	891664	2204472	3096136	1865656	2957803	4823460	64816	9678	74494	527037	434934	961971	925099	2693414	3618513	306543	232334	538877	5826674	10876007	16702681
THIS YEAR DESPATCH 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	93034	205705	298739	102557	186744	289301	157291	270155	427446	19284	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	44258	61635	51644	113279	86851	198410	285261	33785	18125	51910	571362	859151	1430513	
Jun-17	94661	236046	330707	71102	204110	275212	161631	269244	430875	31910	31910	39970	40446	80416	69949	215160	285109	28119	28119	497342	965006	1462348		
Jul-17	95988	203227	299215	98431	202274	300705	131343	201904	333247	26127	26127	50192	32846	83038	56698	214229	270927	270927	270927	458779	854480	1313259		
Aug-17	128151	252650	380801	124649	209225	333874	188639	310588	499227	31718	31718	52154	44328	96482	50379	210555	260934	260934	260934	575690	1027346	1603036		
Sep-17	94122	236991	331113	90078	238322	328400	191268	285463	476731	40249	40249	53720	72421	126141	58144	200914	259058	2978	2978	527581	1037089	1564670		
Oct-17	107967	245065	353032	82345	223131	305476	147489	229753	377242	34809	34809	35575	96331	131906	51234	267710	318944	13402	28128	41530	472821	1090118	1562939	
Nov-17	103505	253908	357413	97050	225980	323030	171901	240643	412544	39289	39289	77842	83727	161569	52513	257644	310157	14210	31964	46174	556310	1093866	1650176	
Dec-17	107259	268873	376132	76574	284542	361116	193292	325358	518650	29907	29907	92243	89325	181568	56691	237906	294597	17389	18349	35738	573355	1224353	1797708	
Jan-18	101389	251389	352778	133695	226953	360648	142153	366512	508665	32985	32985	54859	43355	98214	61928	245850	307778	32438	26255	58693	559447	1160314	1719761	
Feb-18	94550	251502	346052	111152	190081	301233	166691	340441	507132	43667	43667	64731	40461	105192	77451	205324	282775	39688	22912	62600	597930	1050721	1648651	
Total	1128910	2635139	3764049	1063104	2314266	3377370	1812776	3078346	4891122	374203	374203	635844	644219	1280063	716581	2464755	3181336	208813	162673	371486	5940231	11299398	17239629	
Change Over Last Year																								
DIFF	-116949	291768	174819	171440	109794	281234	-52880	120543	67662	309387	-9678	299709	108807	209285	318092	-208518	-228659	-437177	-97730	-69661	-167391	113557	423391	536948
%Chg	-9.4	12.5	4.9	19.2	5.0	9.1	-2.8	4.1	1.4	477.3	-100.0	402.3	20.6	48.1	33.1	-22.5	-8.5	-12.1	-31.9	-30.0	-31.1	1.9	3.9	3.2

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

FEB 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			APP	ACT	%FF	APP	ACT	%FF								
KRB	40	29	73	550	383	70	413	-7	110	63	57	880	868	99	738	18	150	92	61	1430	1251	87	1151	9						
MBR	60	55	92	720	574	80	268	114	100	119	119	1190	1025	86	1019	1	160	174	109	1910	1599	81	1287	21						
BOL	70	41	59	810	573	71	729	-21	90	97	108	1100	829	75	956	-13	160	138	86	1910	1402	73	1685	-17						
BAR																														
TAL		15			76													15			76									
KAL		24			142			36	294		12				165		44	275		36			307		80	281				
GUA	20	14	70	285	174	61	127	37	45	57	127	645	542	81	377	11	65	71	109	930	716	77	504	42						
MPR	5	31	620	95	128	135	87	17		17			106		38	179	5	48	960	95	234	216	125	87						
RMD TOT	195	209		107	2460	2050	83	1660	23	345	365	106	3815	3535	93	3172	11	540	574	106	6275	5585	89	4832	16					
DRZ																														
PUR																														
GR TOT	195	209		107	2460	2050	83	1660	23	345	365	106	3815	3535	93	3172	11	540	574	106	6275	5585	89	4832	16					
FLUXES																														
KTR	42	28	67	458	293	61	324	-10																						
TDMR	16	3	19	134	77	57	63	22																						
TOT	58	31		53	592	370	63	387	-4																					

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

FEB 2018

दूर्गापूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTII			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%oFF	APP	ACT	%oFF	YR	%	APP	ACT	%oFF	APP	ACT	%oFF	YR	%	APP	ACT	%oFF	APP	ACT	%oFF	YR	%
KRB					8		31	-74							12	-100						8	43	-81
MBR		3			29		63	-54	10			185	29	16	135	-79	10	3	30	185	58	31	198	-71
BOL	60	85	142	730	792	108	737	7	150	141	94	1660	1225	74	1123	9	210	226	108	2390	2017	81	1860	8
BAR																								
TAL																								
KAL																								
GUA	40	32	80	365	375	103	505	-26	40	81	203	355	896	252	904	-1	80	113	111	720	1271	177	1409	-10
MPR	5			95	4	4	10	-60							5	-100	5			95	4	1	15	-73
RMD TOT	105	120	114	1190	1208	102	1346	-10	200	222	111	2200	2150	98	2179	-1	305	342	112	3390	3358	101	3525	-1
DRZ																								
PUR																								
GR TOT	105	120	114	1190	1208	102	1346	-10	200	222	111	2200	2150	98	2179	-1	305	342	112	3390	3358	99	3525	-5
0																								
FLUXES																								
KTR	4			47	12	26	20	-10																
TDMR					4		3	33																
TOT	4			47	16	34	23	-30																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

FEB 2018

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	60	66	110	635	726	114	666	9	110	185	168	1490	1566	105	1257	25	170	251	148	2125	2292	108	1923	19	
MBR	10	53	530	290	458	158	425	8	30	71	237	620	1115	180	770	45	40	124	310	910	1573	173	1195	32	
BOL							7	-100								58	-100						65	-100	
BAR	30			65					60			130					90				195				
TAL	10	25	250	185	273	148	65	320	30			315				9	-100	40	25	63	500	273	55	74	269
KAL	55	41	75	645	450	70	468	-4	110	19	17	980	449	46	373	20	165	60	36	1625	899	55	841	7	
GUA							54	-100				200			233	-100				200			28	-100	
MPR						14	88	-84	20			270	40	15	137	-71	20			270	54	20	225	-76	
RMD TOT	165	185	112	1820	1921	106	1773	8	360	275	76	4005	3170	79	2837	12	525	460	88	5825	5091	87	4610	10	
PUR																									
DRZ						7																7			
GR TOT	165	185	112	1820	1928	106	1773	9	360	275	76	4005	3170	79	2837	12	525	460	88	5825	5098	88	4610	11	
0																									
FLUXES																									
KTR	14	8	57	136	103	76	107	-4																	
TDMR	4	3	75	46	37	80	15	147																	
TOT	18	11	61	182	140	77	122	15																	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

FEB 2018

बर्नपूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP						FINES						TOTAL						FOR MONTH							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH		
	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%		
KRB					12		19	-37						13		20	-35						25		39	-36
MBR							3	-100	10			80	125	156	85	47	10			80	125	156	88	42		
BOL	35	41	117	460	448	97	392	14	70	102	146	820	1026	125	821	25	105	143	136	1280	1474	115	1213	22		
BAR																										
TAL	10	3	30	95	23	24											10	3	30	95	23	24				
KAL	10			85	47	55	17	176		10			29		20	15	10	10	100	85	76	89	37	105		
GUA	20	32	160	270	168	62	239	-30	175	67	38	1770	1025	58	1165	-12	195	99	51	2040	1193	58	1404	-15		
MPR	15	9	60	130	63	48	104	-39		6			15		3	-100	15	15	100	130	78	60	107	-27		
RMD TOT	90	85	94	1040	761	73	774	-2	255	185	73	2670	2233	84	2114	6	345	270	78	3710	2994	81	2888	1		
DRZ																										
PUR																										
GR TOT	90	85	94	1040	761	73	774	-2	255	185	73	2670	2233	84	2114	6	345	270	78	3710	2994	81	2888	1		
0																										
FLUXES																										
KTR						4				4																
TDMR																										
TOT						4				4																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

FEB 2018

भिलाई इस्पात संयंत्र

MINE	LUMP										FINES										TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH						
	APP	ACT	%oFF	APP	ACT	%oFF			YR	%	APP	ACT	%oFF	APP	ACT	%oFF	YR	%	APP	ACT	%oFF	APP	ACT	%oFF	YR	%				
KRB							115	-100	30	3	10	360	186	52	316	-41	30	3	10	360	186	52	431	-57						
MBR	10			90			133	-100	50			460	18	4	201	-91	60			550	18	3	334	-95						
BOL																														
BAR									60			130						60			130									
TAL	20			175					10			90						30			265									
KAL																														
GUA																	8	-100								8	-100			
MPR							16	-100									43	-100								59	-100			
RMD TOT	30			265			264	-100	150	3	2	1040	204	20	568	-64	180	3	2	1305	204	16	832	-75						
DRZ																														
PUR																														
GR TOT	30			265			264	-100	150	3	2	1040	204	20	568	-64	180	3	2	1305	204	16	832	-75						
0 FLUXES																														
KTR	50	36	72	660	490	74	537	-9																						
TDLR		5			36																									
TOT	50	41	82	660	526	80	537	-2																						

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
FEB 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	FOR MONTH		TILL MONTH		LAST	GRTH	
	APP	ACT	% aFF	APP	ACT	% aFF	YR	%	APP	ACT	% aFF	YR	%	APP	ACT	% aFF	YR	%	APP	ACT	% aFF	YR	%	APP	ACT
KRB	100	95	95	1185	1129	95	1244	-9	250	251	100	2730	2633	96	2343	12	350	346	99	3915	3762	96	3587	5	
MBR	80	111	139	1100	1061	96	892	19	200	190	95	2535	2312	91	2210	5	280	301	108	3635	3373	93	3102	9	
BOL	165	167	101	2000	1813	91	1865	-3	310	340	110	3580	3080	86	2958	4	475	507	107	5580	4893	88	4823	1	
BAR	30			65					120			260					150			325					
TAL	40	43	108	455	372	82	65	472	40			405				9	-100	80	43	54	860	372	13	74	103
KAL	65	65	100	730	639	88	521	23	110	41	37	980	643	66	437	47	175	106	61	1710	1282	75	958	31	
GUA	80	78	98	920	717	78	925	-22	260	205	79	2970	2463	83	2687	-8	340	283	83	3890	3180	82	3612	-12	
MPR	25	40	160	320	209	65	305	-31	20	23	115	270	161	60	226	-29	45	63	110	590	370	63	531	-30	
RMD TOT	585	599	102	6775	5940	88	5817	2	1310	1050	80	13730	11292	82	10870	4	1895	1649	87	20505	17232	81	16687	3	
PUR																									
DRZ																									
GR TOT	585	599	102	6775	5947	88	5817	2	1310	1050	80	13730	11292	82	10870	4	1895	1649	87	20505	17239	84	16687	3	
FLUXES																									
KTR	110	72	65	1301	902	69	992	-9																	
TDMR	20	11	55	180	151	86	81	90																	
TOT	130	83	64	1481	1056	71	1073	-2																	

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

UNIT 000 TONNES

PRODUCTION

MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR FEB 2017	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR FEB 2017		TGT	ACT	%FF	LAST YR	
KUTESHWAR	1420	110	74	67	96	-22.9	1300	898	69	974	-7.8
TULSIDAMAR	200	20	16	80	14	14.3	180	191	106	90	112.2
TOTAL	1620	130	90	69	110	-18.2	1480	1089	74	1064	2.3

DESPATCH

MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR FEB 2017	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR FEB 2017		PLAN	ACT	%FF	LAST YR	
KUTESHWAR	1420	110	72	65	98	-26.5	1301	898	69	996	-9.8
TULSIDAMAR	200	20	11	55	7	57.1	180	165	92	81	103.7
TOTAL	1620	130	83	64	105	-21.0	1481	1063	72	1077	-1.3

Monthwise Performance against Last Year

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			23595	20079	104429	101924
May-16	83212	82407			6814	15805	90026	98212
Jun-16	76585	78187			8116	8116	84701	86303
Jul-16	67737	68481			5798	3959	73535	72440
Aug-16	68936	72580			960	4060	69896	76640
Sep-16	84050	88139					84050	88139
Oct-16	93465	96870					93465	96870
Nov-16	103550	104896			4541		108091	104896
Dec-16	106990	108996			12644	7833	119634	116829
Jan-17	111900	117000			12748	13641	124648	130641
Feb-17	94967	100912			14348	6895	109315	107807
Total	972226	1000313			89564	80388	1061790	1080701

THIS 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	90785	88818			22413	20559	113198	109377
Jul-17	69065	80624			14045	16005	83110	96629
Aug-17	69618	80934			17465	18733	87083	99667
Sep-17	81361	80650			19140	19008	100501	99658
Oct-17	54321	60378			13329	2709	67650	63087
Nov-17	62310	56744			21806	8379	84116	65123
Dec-17	97393	96864			25109	17734	122502	114598
Jan-18	109907	104185			18259	14878	128166	119063
Feb-18	73705	72888			15999	10962	89704	83850
Total	898357	903651			192964	166218	1091321	1069869

Over Last Year

DIFF	-73869	-96662			103400	85830	29531	-10832
%Chg	-7.6	-9.7	#DIV/0!		115.4	106.8	2.8	-1.0

QUALITY ANALYSED AT PLANT

FEB 2018

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फाईनर्स						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	62.96	2.78	2.17	12.82	20.25	61.85	3.82	2.79	10.26	29.94		MTH ACT					
CUM	2017-18	63.10	2.92	1.76	13.86	20.53	62.31	3.37	2.44	9.85	29.96	CUM	2017-18					
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					

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	62.66	3.39	1.95	16.82	19.54	61.34	4.38	3.00	4.83	37.40		MTH ACT	30.25	19.45	5.08	4.80	8.45
CUM	2017-18	62.89	3.04	1.91	14.96	21.67	61.93	3.83	2.50	5.54	35.18	CUM	2017-18	29.63	18.82	5.52	6.14	9.93
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	62.89	3.01	1.89	9.86	25.05	62.76	3.15	2.00	1.75	43.97		MTH ACT	44.49	1.95	3.16	4.01	30.58
CUM	2017-18	62.70	3.05	2.05	10.87	24.93	62.61	3.16	2.00	2.75	40.30	CUM	2017-18	45.51	2.60	3.34	4.04	26.23
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	62.66	3.03	2.25	17.06	19.77	62.02	3.30	3.03	5.11	35.84						
CUM	2017-18	62.99	2.79	1.95	15.76	21.59	62.19	3.32	2.57	5.67	34.37						
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	64.76	1.64	1.59	5.50	10.00	64.06	1.74	2.44	4.70	30.35						
CUM	2017-18	64.36	1.81	1.46	7.03	12.45	63.70	2.18	1.87	4.28	29.57						
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	65.02	1.44	1.58	11.69	11.71	64.21	1.91	2.20	4.24	29.88						
CUM	2017-18	64.60	1.56	1.40	10.75	12.39	63.53	2.12	2.19	4.41	30.10						
CUM	2016-17	64.48	1.69	1.68	13.78	12.50	63.39	2.20	2.62	4.44	31.13						

TAL	NORM	62	2.7	3.1	10	10	62	3.1	3.1	5	40						
	MTH ACT	63.18	2.57	2.11	10.75	11.45											
CUM	2017-18	63.56	2.17	1.96	7.39	13.73											
CUM	2016-17																

QUALITY ANALYSED AT PLANT

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दगोपुर 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	BF LST	NORM	43	5	6.5	15	10
	MTH ACT											BNP	MTH ACT					
CUM	2017-18	63.30	2.70	1.90	4.40	22.80						CUM	2017-18					
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					

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	62.40	2.50	1.20	13.50	17.10							MTH ACT					
CUM	2017-18	62.93	2.40	1.30	11.66	20.91	63.30	3.34	1.79	3.48	48.95	CUM	2017-18	30.40	16.20	4.40	71.80	10.40
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	63.10	2.28	1.55	9.88	12.87	64.34	1.93	1.46	2.00	55.26		MTH ACT					
CUM	2017-18	62.63	3.06	1.62	9.69	17.36	63.95	2.49	1.58	2.47	51.67	CUM	2017-18	45.70	2.28	4.53	31.28	11.88
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	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.61	1.67	2.51	24.68	10.93	63.07	2.48	2.46	4.99	46.66		MTH ACT					
CUM	2017-18	62.67	2.34	1.94	14.02	15.55	62.91	2.71	2.23	5.44	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	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT										MTH ACT							
CUM	2017-18	61.70	1.75	3.95	11.55	44.60												
CUM	2016-17	63.70	1.40	2.13	23.73	27.73												

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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	62.72	2.94	2.40	8.30	19.90	62.32	3.06	2.38				MTH ACT					
CUM	2017-18	62.51	2.88	2.51	13.71	20.39	62.16	3.10	2.51	8.00	34.25	CUM	2017-18					
CUM	2016-17	62.60	2.47	1.85	18.14	18.56	62.26	3.02	2.60			CUM	2016-17					

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	62.51	3.15	2.46	8.70	18.00	62.29	3.13	2.35				MTH ACT					
CUM	2017-18	62.39	2.96	2.55	15.55	18.91	62.10	3.11	2.55	8.23	28.85	CUM	2017-18					
CUM	2016-17	62.66	2.89	2.36	21.42	19.65	62.08	3.45	2.57			CUM	2016-17					

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												MTH ACT	50.00	2.68	3.30		
CUM	2017-18											CUM	2017-18	49.01	2.88	3.58		
CUM	2016-17	62.75	2.53	2.44	15.74	20.43	62.28	3.18	2.50			CUM	2016-17	48.21	2.94	4.25		

BOL	NORM	62.6	2.4	2.5	10	10	62.7	2.8	2.9	10	30							
	MTH ACT																	
CUM	2017-18																	
CUM	2016-17	62.25	3.13	2.81	18.00	20.97	62.04	3.47	2.80									

KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40							
	MTH ACT	63.57	2.14	1.97	8.40	14.50	63.13	2.23	1.97									
CUM	2017-18	63.35	2.09	2.06	9.96	16.63	62.96	2.27	2.14	7.35	28.90							
CUM	2016-17	63.17	2.25	2.20	17.24	18.38	62.73	2.49	2.31									

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40							
	MTH ACT																	
CUM	2017-18	63.45	1.86	2.01	19.42	17.11	62.54	2.53	2.58	5.66	30.75							
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	63.64	2.10	1.87	8.60	16.60												
CUM	2017-18	63.35	2.14	2.08	10.79	15.89												
CUM	2016-17	62.94	2.23	2.45	15.21	18.55	60.11	4.27	4.74									

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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												MTH ACT					
CUM	2017-18	63.47	3.20	2.35	26.61	0.97	62.71	2.10	3.64	12.07	38.34	CUM	2017-18					
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					

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	60.54	6.45	1.93	15.52	0.60							MTH ACT					
CUM	2017-18	60.93	3.40	3.45	38.24	0.20	62.09	3.43	3.30	9.08	38.80	CUM	2017-18					
CUM	2016-17						62.65	2.84	2.77	7.88	47.01	CUM	2016-17					

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	62.53	3.06	2.91	23.92	0.54	62.12	3.23	3.40	8.50	48.13		MTH ACT					
CUM	2017-18	62.76	3.07	2.42	22.32	2.95	62.93	2.84	2.79	6.24	50.29	CUM	2017-18					
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					

BOL	NORM	62.6	2.4	2.5	10	10	62.7	2.8	2.9	10	30		NORM	50	2.25	3.5	5	5
	MTH ACT	63.36	1.63	2.86	28.67	0.92	62.02	3.43	3.46	9.10	46.43		MTH ACT					
CUM	2017-18	62.60	2.92	3.08	17.45	7.51	61.90	3.37	3.68	10.71	40.34							
CUM	2016-17	64.30	1.39	2.41	24.06	10.21	62.09	2.84	3.83	10.92	41.61							

KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40		NORM	50	2.25	3.5	5	5
	MTH ACT						61.88	3.72	3.68	4.15	44.17		MTH ACT					
CUM	2017-18	62.20	2.55	3.54	20.46	1.67	61.49	3.35	4.21	13.07	35.28							
CUM	2016-17	65.21	1.08	2.47	10.70	7.20	61.68	2.71	4.50	7.58	56.43							

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40		NORM	50	2.25	3.5	5	5
	MTH ACT	61.80	1.15	3.84	32.11	0.57							MTH ACT					
CUM	2017-18	62.38	2.34	3.51	19.10	6.80	60.21	3.19	5.91	5.90	37.58							
CUM	2016-17	64.40	1.23	2.99	26.11	7.83												

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भिलाई 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	43.0	5.00	6.5	15.0	10.0
	MTH ACT												MTH ACT					
CUM	2017-18											CUM	2017-18					
CUM	2016-17											CUM	2016-17					

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												MTH ACT					
CUM	2017-18											CUM	2017-18					
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					

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												MTH ACT	50.87	1.69	3.49	6.74	18.34
CUM	2017-18											CUM	2017-18	50.48	1.89	3.62	7.21	18.18
CUM	2016-17						61.50	4.36	3.43	9.65	52.90	CUM	2016-17	49.81	2.15	3.92	7.05	17.88

BOL	NORM	62.6	2.4	2.5	10	10	62.7	2.8	2.9	10	30							
	MTH ACT																	
CUM	2017-18											CUM	2017-18					
CUM	2016-17											CUM	2016-17					

KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40							
	MTH ACT																	
CUM	2017-18											CUM	2017-18					
CUM	2016-17											CUM	2016-17					

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

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	63.36	3.02	1.45	16.50	18.55	4.47	0.48	30691
Aug-17	63.23	3.26	1.33	11.37	21.41	4.59	0.41	56141
Sep-17	62.98	3.57	1.50	9.78	22.60	5.07	0.42	35257
Oct-17	63.35	3.01	1.67	7.94	23.53	4.68	0.55	31542
Nov-17	62.91	3.11	2.00	12.43	22.51	5.11	0.64	31476
Dec-17	63.00	3.27	1.76	7.42	21.19	5.03	0.54	15734
Jan-18	63.21	2.81	1.76	8.95	21.67	4.57	0.63	38120
Feb-18	62.96	2.78	2.17	12.82	20.25	4.95	0.78	29035
Mar-18								
CUMML	63.10	2.92	1.76	13.86	20.53	4.68	0.60	360744

मेघाहातुबुरु 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	63.16	2.80	1.86	13.51	27.07	4.66	0.66	46360
Aug-17	62.96	3.25	1.85	17.78	16.26	5.10	0.57	51793
Sep-17	62.86	3.25	1.98	15.98	17.77	5.23	0.61	56117
Oct-17	63.09	3.19	1.64	11.77	24.53	4.83	0.51	57267
Nov-17	62.73	3.86	1.56	13.45	18.39	5.42	0.40	56974
Dec-17	63.32	2.80	1.61	14.36	18.78	4.41	0.58	29415
Jan-18	63.01	3.06	1.76	14.10	20.22	4.82	0.58	94341
Feb-18	62.66	3.39	1.95	16.82	19.54	5.34	0.58	61641
Mar-18								
CUMML	62.89	3.04	1.91	14.96	21.67	4.95	0.63	581037

गृणवत्ता :: बोकारो इस्पात संयंत्र
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	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	62.64	3.77	1.75	10.54	30.97	5.52	0.46	88126
Aug-17	62.87	3.29	1.83	10.30	30.14	5.12	0.56	108748
Sep-17	62.90	3.25	1.87	8.21	28.74	5.12	0.58	71281
Oct-17	62.63	3.34	2.14	7.94	29.37	5.48	0.64	66077
Nov-17	62.72	3.02	2.32	8.32	29.60	5.34	0.77	67148
Dec-17	62.39	3.21	2.69	9.07	29.79	5.90	0.84	72689
Jan-18	62.17	3.48	2.81	11.03	29.48	6.29	0.81	65761
Feb-18	61.85	3.82	2.79	10.26	29.94	6.61	0.73	62902
Mar-18								
CUMML	62.31	3.37	2.44	9.85	29.96	5.81	0.72	857779

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	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	62.07	3.76	2.61	6.07	35.99	6.37	0.69	101823
Aug-17	62.35	3.83	2.15	5.95	32.05	5.98	0.56	115317
Sep-17	62.15	4.25	2.02	5.48	30.51	6.27	0.48	84756
Oct-17	62.08	3.98	2.30	5.30	30.48	6.28	0.58	89357
Nov-17	62.08	3.94	2.40	5.44	35.50	6.34	0.61	83350
Dec-17	62.12	3.72	2.44	5.35	36.84	6.16	0.66	125719
Jan-18	61.68	4.18	2.66	4.96	36.65	6.84	0.64	60337
Feb-18	61.34	4.38	3.00	4.83	37.40	7.38	0.68	103238
Mar-18								
CUMML	61.93	3.83	2.50	5.54	35.18	6.33	0.65	1012636

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
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	62.99	3.16	1.92	15.32	24.60	5.08	0.61	40593
Aug-17	63.11	3.20	1.61	17.91	21.30	4.81	0.50	58793
Sep-17	63.05	3.21	1.64	19.26	16.64	4.85	0.51	59046
Oct-17	62.96	3.04	1.81	12.57	22.48	4.85	0.60	48085
Nov-17	63.15	2.80	1.89	15.42	19.27	4.69	0.68	33964
Dec-17	63.16	2.49	1.94	15.83	19.30	4.43	0.78	71799
Jan-18	63.12	2.63	1.87	11.03	18.93	4.50	0.71	14832
Feb-18	62.66	3.03	2.25	17.06	19.77	5.28	0.74	37526
Mar-18								
CUMML	62.99	2.79	1.95	15.76	21.59	4.74	0.70	550524

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
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	62.91	3.11	2.07	14.08	26.58	5.18	0.67	4059
Aug-17	61.41	3.96	2.70	14.35	22.00	6.66	0.68	1704
Sep-17	63.08	2.86	1.99	9.87	25.21	4.85	0.70	21306
Oct-17	62.55	3.62	2.00	7.95	27.40	5.62	0.55	20085
Nov-17	62.43	4.04	1.70	5.66	26.00	5.74	0.42	18231
Dec-17	62.60	3.48	1.93	4.67	24.64	5.41	0.55	16022
Jan-18	63.03	2.61	2.10	5.81	25.68	4.71	0.80	13122
Feb-18	62.89	3.01	1.89	9.86	25.05	4.90	0.63	14974
Mar-18								
CUMML	62.70	3.05	2.05	10.87	24.93	5.10	0.67	179572

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
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	61.98	4.03	2.42	6.06	36.30	6.45	0.60	45423
Aug-17	62.91	3.30	1.68	5.97	33.20	4.98	0.51	74366
Sep-17	62.24	3.61	2.36	5.14	30.95	5.97	0.65	106781
Oct-17	62.21	3.52	2.43	5.20	30.13	5.95	0.69	58788
Nov-17	62.40	3.09	2.64	5.61	29.54	5.73	0.85	62670
Dec-17	62.39	3.11	2.46	5.33	35.16	5.57	0.79	45423
Jan-18	62.47	3.10	2.52	5.07	36.49	5.62	0.81	109080
Feb-18	62.02	3.30	3.03	5.11	35.84	6.33	0.92	97138
Mar-18								
CUMML	62.19	3.32	2.57	5.67	34.37	5.89	0.77	801467

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
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	62.85	3.37	1.84	3.34	37.76	5.21	0.55	14203
Aug-17	62.95	3.37	1.54	3.10	38.45	4.91	0.46	5749
Sep-17	62.73	3.40	1.94	2.96	36.71	5.34	0.57	40410
Oct-17	62.89	3.45	1.55	2.93	37.76	5.00	0.45	56715
Nov-17	62.30	3.21	1.75	2.63	41.21	4.96	0.55	60630
Dec-17	62.88	3.14	1.76	2.36	42.43	4.90	0.56	52493
Jan-18	62.78	3.06	2.05	2.04	43.59	5.11	0.67	69014
Feb-18	62.76	3.15	2.00	1.75	43.97	5.15	0.63	55584
Mar-18								
CUMML	62.61	3.16	2.00	2.75	40.30	5.16	0.63	523159

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.91	2.29	2.12	10.13	19.48	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	46699
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	62.78	3.07	1.64	9.98	16.64	4.71	0.53	65431
Aug-17	62.70	3.17	1.37	18.94	13.56	4.54	0.43	85090
Sep-17	62.75	2.94	1.68	18.88	12.70	4.62	0.57	90852
Oct-17	62.39	2.42	1.77	13.65	14.27	4.19	0.73	72059
Nov-17	62.52	1.92	2.05	11.81	13.50	3.97	1.07	70326
Dec-17	63.09	1.94	1.95	11.32	15.57	3.89	1.01	78000
Jan-18	62.43	1.92	2.33	11.94	15.65	4.25	1.21	66690
Feb-18	62.61	1.67	2.51	24.68	10.93	4.18	1.50	80470
Mar-18								
CUMML	62.67	2.34	1.94	14.02	15.55	4.28	0.83	783520

गुआ

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.61	3.05	1.79	12.18	16.82	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	28274
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	62.70	2.91	1.84	5.29	16.34	4.75	0.63	51319
Aug-17	62.38	4.08	1.44	13.13	16.81	5.52	0.35	47854
Sep-17	62.13	4.45	1.41	17.82	19.47	5.86	0.32	38975
Oct-17	62.53	3.33	1.68	10.80	18.35	5.01	0.50	37736
Nov-17	62.55	4.33	1.86	6.87	18.53	6.19	0.43	32983
Dec-17	62.85	3.08	1.77	9.15	15.03	4.85	0.57	29510
Jan-18	63.08	2.46	1.32	3.90	20.66	3.78	0.54	26325
Feb-18	63.10	2.28	1.55	9.88	12.87	3.83	0.68	34125
Mar-18								
CUMML	62.63	3.06	1.62	9.69	17.36	4.68	0.53	396580

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.99	2.58	2.42	8.33	39.51	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	107133
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	62.98	3.36	2.03	5.25	42.90	5.39	0.60	87032
Aug-17	63.92	2.77	1.48	4.52	41.79	4.25	0.53	106463
Sep-17	63.16	2.77	1.85	4.43	38.53	4.62	0.67	101840
Oct-17	62.79	2.89	2.17	5.13	34.56	5.06	0.75	112225
Nov-17	62.69	2.47	2.00	4.86	36.90	4.47	0.81	101022
Dec-17	63.10	2.51	2.27	4.96	45.23	4.78	0.90	119015
Jan-18	62.88	2.54	2.38	4.37	46.43	4.92	0.94	155545
Feb-18	63.07	2.48	2.46	4.99	46.66	4.94	0.99	136890
Mar-18								
CUMML	62.91	2.71	2.23	5.44	41.64	4.94	0.82	1219187

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.13	2.99	1.96	3.83	50.33	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	52930
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	63.87	2.74	1.66	2.70	49.49	4.40	0.61	108687
Aug-17	63.86	3.03	1.27	2.73	50.68	4.30	0.42	108616
Sep-17	64.13	2.53	1.46	3.09	48.48	3.99	0.58	83157
Oct-17	64.18	3.40	1.42	2.21	54.22	4.82	0.42	93214
Nov-17	64.07	2.80	1.57	2.48	53.10	4.37	0.56	96962
Dec-17	64.38	2.23	1.29	1.47	56.72	3.52	0.58	87165
Jan-18	64.27	2.03	1.42	3.06	53.31	3.45	0.70	82875
Feb-18	64.34	1.93	1.46	2.00	55.26	3.39	0.76	84370
Mar-18								
CUMML	63.95	2.49	1.58	2.47	51.67	4.07	0.63	908325

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.60	2.47	1.85	18.14	18.56	4.32	0.75	750125
APP 17-18	63.00	2.60	2.50	10.00	15.00	5.10	0.96	700000
Apr-17	62.91	2.31	2.26	20.50	20.90	4.57	0.98	84635
May-17	62.65	2.66	2.25	19.90	20.80	4.91	0.85	57809
Jun-17	62.48	2.59	2.53	19.90	20.80	5.12	0.98	60585
Jul-17	61.93	3.11	2.86	19.70	21.00	5.97	0.92	69349
Aug-17	62.11	3.47	2.52	15.60	21.70	5.99	0.73	73859
Sep-17	62.38	3.02	2.48	10.80	21.60	5.50	0.82	60447
Oct-17	62.37	2.81	2.92	9.60	20.40	5.73	1.04	63152
Nov-17	62.61	2.92	2.50	9.40	20.20	5.42	0.86	73703
Dec-17	62.58	2.91	2.57	7.30	19.50	5.48	0.88	62969
Jan-18	62.65	3.03	2.37	9.00	17.40	5.40	0.78	60859
Feb-18	62.72	2.94	2.40	8.30	19.90	5.34	0.82	66864
Mar-18								
CUMML	62.51	2.88	2.51	13.71	20.39	5.39	0.87	734231

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.66	2.89	2.36	21.42	19.65	5.25	0.82	462287
APP 17-18	62.50	3.00	2.50	15.00	15.00	5.50	0.83	300000
Apr-17	62.64	2.33	2.45	23.40	19.00	4.78	1.05	38368
May-17	62.76	2.47	2.24	22.40	19.40	4.71	0.91	51114
Jun-17	62.59	2.46	2.79	22.40	19.40	5.25	1.13	36089
Jul-17	61.98	3.14	2.77	22.30	19.20	5.91	0.88	36523
Aug-17	61.98	3.38	2.61	22.30	19.20	5.99	0.77	54536
Sep-17	62.14	3.22	2.57	13.60	19.40	5.79	0.80	47102
Oct-17	62.36	3.06	2.74	8.20	21.20	5.80	0.90	18086
Nov-17	62.65	2.79	2.59	8.40	20.40	5.38	0.93	36273
Dec-17	62.46	3.13	2.52	7.40	16.70	5.65	0.81	43618
Jan-18	62.35	3.17	2.57	7.50	18.00	5.74	0.81	40201
Feb-18	62.51	3.15	2.46	8.70	18.00	5.61	0.78	52137
Mar-18								
CUMML	62.39	2.96	2.55	15.55	18.91	5.51	0.86	454047

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.26	3.02	2.60			5.62	0.86	1300740
APP 17-18	62.50	3.00	2.80	10.00	28.00	5.80	0.93	1600000
Apr-17	62.03	2.93	2.76			5.69	0.94	132758
May-17	62.30	2.85	2.40			5.25	0.84	138383
Jun-17	62.08	2.96	2.72			5.68	0.92	88744
Jul-17	62.08	3.16	2.52			5.68	0.80	124451
Aug-17	61.81	3.76	2.47			6.23	0.66	135052
Sep-17	62.22	3.04	2.36			5.40	0.78	123799
Oct-17	62.12	3.09	2.73	8.00	36.50	5.82	0.88	135701
Nov-17	62.20	3.50	2.10			5.60	0.60	169841
Dec-17	62.10	3.20	2.50			5.70	0.78	179032
Jan-18	62.00	3.30	2.50			5.80	0.76	169304
Feb-18	62.32	3.06	2.38			5.44	0.78	193225
Mar-18								
CUMML	62.16	3.10	2.51	8.00	34.25	5.61	0.81	1590290

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.08	3.45	2.57			6.02	0.74	880831
APP 17-18	62.00	3.80	2.70	5.00	30.00	6.50	0.71	650000
Apr-17	61.93	3.17	2.62			5.79	0.83	78628
May-17	62.03	3.12	2.58			5.70	0.83	60436
Jun-17	62.04	2.86	2.94			5.80	1.03	110284
Jul-17	62.18	3.01	2.52			5.53	0.84	78542
Aug-17	61.78	3.77	2.40			6.17	0.64	72052
Sep-17	62.05	3.10	2.40			5.50	0.77	121117
Oct-17	62.05	2.94	2.82	6.71	34.57	5.76	0.96	93111
Nov-17	62.23	3.06	2.47	7.00	34.00	5.53	0.81	130855
Dec-17	62.20	3.11	2.47	11.00	18.00	5.58	0.79	152844
Jan-18	62.15	3.15	2.50			5.65	0.79	150008
Feb-18	62.29	3.13	2.35			5.48	0.75	70444
Mar-18								
CUMML	62.10	3.11	2.55	8.23	28.85	5.66	0.82	1118321

गृणवत्ता :: राउरकेला इस्पात संयंत्र

काल्टा

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
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	63.26	2.03	2.06	9.00	16.40	4.09	1.01	35056
Aug-17	63.21	2.26	1.99	9.00	16.40	4.25	0.88	47234
Sep-17	63.18	2.12	2.10	8.40	16.70	4.22	0.99	45848
Oct-17	63.10	2.69	2.03	6.00	16.00	4.72	0.75	14072
Nov-17	63.44	2.19	2.00	6.30	16.30	4.19	0.91	48889
Dec-17	63.57	2.02	2.01	6.80	15.20	4.03	1.00	78630
Jan-18	63.55	2.10	2.05	7.00	15.30	4.15	0.98	25623
Feb-18	63.57	2.14	1.97	8.40	14.50	4.11	0.92	40800
Mar-18								
CUMML	63.35	2.09	2.06	9.96	16.63	4.15	0.99	472198

मनोहरपुर

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
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	63.30	2.20	2.30	15.00	13.00	4.50	1.05	3354
Jan-18								
Feb-18								
Mar-18								
CUMML	63.45	1.86	2.01	19.42	17.11	3.87	1.08	14927

तलडीह

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.94	2.23	2.45	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	63.08	2.60	1.80	9.80	17.50	4.40	0.69	26127
Aug-17	63.13	2.24	2.10	9.00	18.80	4.34	0.94	29272
Sep-17	63.32	2.15	2.18	8.50	18.10	4.33	1.01	39580
Oct-17	63.10	2.80	2.00	7.00	17.00	4.80	0.71	6620
Nov-17	63.50	2.00	2.10	8.00	17.00	4.10	1.05	3098
Dec-17	63.38	2.17	2.18	6.40	18.40	4.35	1.00	27438
Jan-18	63.57	2.15	1.98	9.50	17.30	4.13	0.92	26766
Feb-18	63.64	2.10	1.87	8.60	16.60	3.97	0.89	26616
Mar-18								
CUMML	63.35	2.14	2.08	10.79	15.89	4.22	0.97	281760

गृणवत्ता :: राउरकेला इस्पात संयंत्र

काल्टा

फाईबर्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
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	61.90	3.68	2.29			5.97	0.62	15227
Aug-17	62.80	2.69	2.00			4.69	0.74	7496
Sep-17	63.08	2.28	1.85			4.13	0.81	48458
Oct-17	63.13	2.14	2.09	6.70	28.50	4.23	0.98	87800
Nov-17	63.10	2.19	2.07	8.00	29.30	4.26	0.95	61284
Dec-17	63.09	2.17	2.11			4.28	0.97	79045
Jan-18	63.13	2.18	2.09			4.27	0.96	40801
Feb-18	63.13	2.23	1.97			4.20	0.88	18252
Mar-18								
CUMML	62.96	2.27	2.14	7.35	28.90	4.41	0.94	468346

मनोहरपुर

फाईबर्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
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	62.15	3.20	2.70	5.50	27.50	5.90	0.84	7716
Nov-17	62.67	2.69	2.19	4.50	31.00	4.88	0.81	10045
Dec-17	62.40	2.60	2.70	7.00	34.00	5.30	1.04	3121
Jan-18								
Feb-18								
Mar-18								
CUMML	62.54	2.53	2.58	5.66	30.75	5.11	1.02	39141

तलडीह

फाईबर्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	60.11	4.27	4.74	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								

ગ્રાનિટ્ટા :: બર્નપ્ર ઇસ્પાત સંયંત્ર

બોલાની

લન્પ

	Fe	SiO2	Al2O3	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	62.71	2.27	3.62	28.20	10.70	5.89	1.59	25560
May-17								
Jun-17	63.84	3.32	2.97	23.03	7.02	6.29	0.89	61123
Jul-17	60.57	6.05	2.73	15.81	29.97	8.78	0.45	35137
Aug-17	61.95	4.42	2.29	17.78	19.03	6.71	0.52	58364
Sep-17	63.29	2.77	2.47	14.79	24.21	5.24	0.89	41767
Oct-17	62.85	2.64	3.17	10.58	9.79	5.81	1.20	32700
Nov-17	62.48	2.59	3.54	5.75	0.72	6.13	1.37	59580
Dec-17	62.98	2.43	3.01	26.92	9.10	5.44	1.24	34320
Jan-18	62.69	2.54	3.07	21.49	1.06	5.61	1.21	53839
Feb-18	63.36	1.63	2.86	28.67	0.92	4.49	1.75	44159
Mar-18								
CUMML	62.60	2.92	3.08	17.45	7.51	6.00	1.05	446549

ગુઆ

લન્પ

	Fe	SiO2	Al2O3	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	61.77	4.04	3.21	16.66	6.55	7.25	0.79	10273
Jul-17								
Aug-17								
Sep-17	64.18	1.09	2.19	24.32	15.78	3.28	2.01	3300
Oct-17								
Nov-17								
Dec-17	61.17	3.98	2.25	5.35	1.71	6.23	0.57	10560
Jan-18	63.23	2.73	2.02	17.25	1.30	4.75	0.74	27736
Feb-18	62.53	3.06	2.91	23.92	0.54	5.97	0.95	34345
Mar-18								
CUMML	62.76	3.07	2.42	22.32	2.95	5.49	0.79	125954

મેધાહાતુદુરુ

ફાઇન્સ

	Fe	SiO2	Al2O3	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	62.56	2.33	3.68	23.71	27.89	6.01	1.58	10328
Jul-17	62.08	3.22	4.13	4.83	37.24	7.35	1.28	19992
Aug-17	62.04	3.42	3.44	8.77	34.24	6.86	1.01	31756
Sep-17	61.19	4.59	3.64	8.22	43.64	8.23	0.79	27812
Oct-17	61.53	3.62	3.24	14.00	36.47	6.86	0.90	21800
Nov-17	61.19	4.23	4.30	8.86	31.70	8.53	1.02	4012
Dec-17	63.77	2.23	2.22	4.81	47.62	4.45	1.00	13200
Jan-18								
Feb-18								
Mar-18								
CUMML	62.09	3.43	3.30	9.08	38.80	6.73	0.96	128900

ગ્રાનિટ્ટા :: બર્નપ્ર ઇસ્પાત સંયંત્ર

બોલાની

ફાઇન્સ

	Fe	SiO2	Al2O3	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	61.72	3.28	4.10	8.84	36.67	7.38	1.25	75040
Aug-17	62.41	3.23	3.35	9.36	33.71	6.58	1.04	137700
Sep-17	62.16	3.58	3.38	15.36	32.40	6.96	0.94	73357
Oct-17	61.68	3.87	3.37	10.30	35.39	7.24	0.87	62564
Nov-17	61.93	3.47	3.69	7.45	35.65	7.16	1.06	87821
Dec-17	62.27	3.56	3.45	7.64	40.35	7.01	0.97	126880
Jan-18	62.21	3.41	3.24	6.90	47.55	6.65	0.95	110550
Feb-18	62.02	3.43	3.46	9.10	46.43	6.89	1.01	98944
Mar-18								
CUMML	61.90	3.37	3.68	10.71	40.34	7.05	1.09	1064760

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ફાઇન્સ

	Fe	SiO2	Al2O3	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	62.98	3.11	2.82	2.10	46.05	5.93	0.91	85783
Aug-17	63.63	2.76	2.41	4.83	49.34	5.17	0.87	118524
Sep-17	63.22	2.75	2.69	7.45	49.51	5.44	0.98	79242
Oct-17	63.10	2.76	2.75	6.31	52.14	5.51	1.00	125274
Nov-17	62.73	3.28	2.52	3.76	54.04	5.80	0.77	96654
Dec-17	63.28	2.61	2.34	4.58	48.87	4.95	0.90	101643
Jan-18	63.47	2.37	2.36	4.17	23.61	4.73	1.00	90750
Feb-18	62.12	3.23	3.40	8.50	48.13	6.63	1.05	78231
Mar-18								
CUMML	62.93	2.84	2.79	6.24	50.29	5.63	0.98	1067317

મનોહરપુર

લન્પ

	Fe	SiO2	Al2O3	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	61.34	4.69	4.70	12.42	21.63	9.39	1.00	13170
Jul-17								
Aug-17								
Sep-17								
Oct-17	63.00	1.41	4.57	9.26	8.89	5.98	3.24	3300
Nov-17	62.20	2.43	2.90	17.86	1.50	5.33	1.19	3300
Dec-17								
Jan-18								
Feb-18	61.80	1.15	3.84	32.11	0.57	4.99	3.34	9813
Mar-18								
CUMML	62.38	2.34	3.51	19.10	6.80	5.85	1.50	36183

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लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.76	2.35	1.99	15.91	23.64	4.34	0.85	1814533
APP 17-18	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	63.35	2.75	1.72	13.74	22.16	4.47	0.63	144606
Aug-17	63.09	3.24	1.60	15.65	19.79	4.84	0.49	168431
Sep-17	63.03	3.19	1.75	14.52	18.83	4.94	0.55	183037
Oct-17	63.24	2.95	1.67	10.17	22.12	4.62	0.57	190136
Nov-17	63.16	2.94	1.72	10.96	18.65	4.67	0.59	202148
Dec-17	63.40	2.55	1.78	11.94	18.62	4.32	0.70	167150
Jan-18	63.37	2.69	1.79	11.23	19.25	4.47	0.67	204346
Feb-18	63.22	2.76	1.97	13.65	17.71	4.73	0.71	199527
Mar-18								
CUMML	63.16	2.75	1.85	13.54	20.28	4.60	0.67	1996207

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लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.75	2.69	1.98	11.04	18.50	4.67	0.74	1381211
APP 17-18	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	62.80	2.93	1.69	7.94	16.24	4.62	0.58	128060
Aug-17	62.58	3.45	1.41	17.20	14.72	4.86	0.41	144189
Sep-17	62.56	3.39	1.60	18.56	14.73	4.99	0.47	129827
Oct-17	62.52	2.71	1.73	11.86	16.83	4.44	0.64	121235
Nov-17	62.53	2.69	1.99	10.23	15.11	4.68	0.74	103309
Dec-17	63.02	2.25	1.90	10.72	15.42	4.15	0.84	107510
Jan-18	62.61	2.07	2.04	9.66	17.07	4.12	0.99	93015
Feb-18	62.75	1.87	2.19	20.08	11.67	4.06	1.17	118040
Mar-18								
CUMML	62.68	2.61	1.83	12.88	16.04	4.44	0.70	1221115

BLEND

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फाईब्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.63	3.35	2.56	7.50	35.43	5.91	0.76	3382001
APP 17-18	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	62.37	3.69	2.22	7.28	34.11	5.91	0.60	265203
Aug-17	62.71	3.45	1.91	7.30	31.60	5.36	0.55	318627
Sep-17	62.53	3.58	2.06	5.57	30.84	5.64	0.58	330037
Oct-17	62.52	3.48	2.12	5.31	31.35	5.60	0.61	296351
Nov-17	62.61	3.12	2.23	5.34	33.11	5.35	0.72	334312
Dec-17	62.59	3.23	2.31	5.55	35.20	5.54	0.71	334183
Jan-18	62.54	3.23	2.43	5.49	35.94	5.66	0.75	343131
Feb-18	62.09	3.56	2.75	5.36	36.03	6.31	0.77	349391
Mar-18								
CUMML	62.33	3.36	2.38	6.11	34.02	5.74	0.71	3490223

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BLEND

फाईब्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.97	2.88	2.23	6.36	44.13	5.11	0.77	2205352
APP 17-18	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	63.51	2.99	1.80	3.77	46.98	4.80	0.60	202620
Aug-17	63.89	2.90	1.37	3.62	46.28	4.28	0.47	215079
Sep-17	63.60	2.66	1.67	3.83	43.00	4.34	0.63	184997
Oct-17	63.38	3.14	1.83	3.89	43.48	4.97	0.58	216526
Nov-17	63.37	2.63	1.79	3.69	44.83	4.42	0.68	197984
Dec-17	63.64	2.39	1.86	3.48	50.09	4.25	0.78	206180
Jan-18	63.34	2.44	2.06	3.87	48.64	4.49	0.84	248680
Feb-18	63.55	2.27	2.08	3.85	49.94	4.35	0.92	221260
Mar-18								
CUMML	63.36	2.65	1.95	4.11	46.27	4.60	0.74	2155760

BLEND

गुणवत्ता :: राउरकेला
लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.80	2.50	2.13	18.48	18.77	4.63	0.85	1994671
APP 17-18	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	62.40	2.81	2.51	16.47	19.09	5.32	0.89	167055
Aug-17	62.47	2.99	2.36	14.92	19.40	5.35	0.79	204901
Sep-17	62.70	2.68	2.35	10.44	19.18	5.03	0.88	192977
Oct-17	62.52	2.84	2.71	8.69	19.71	5.54	0.95	101930
Nov-17	62.89	2.65	2.36	8.21	19.01	5.01	0.89	161963
Dec-17	63.03	2.53	2.30	7.14	17.13	4.83	0.91	216009
Jan-18	62.88	2.76	2.30	8.36	17.19	5.06	0.83	153449
Feb-18	62.98	2.70	2.25	8.48	17.72	4.95	0.83	186417
Mar-18								
CUMML	62.81	2.59	2.34	12.86	18.47	4.94	0.90	1957163

BLEND

गुणवत्ता :: बर्नपुर इस्पात संयंत्र

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/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	63.45	1.83	2.98	27.45	9.03	4.81	1.63	71900
May-17								
Jun-17	63.20	3.62	3.27	20.60	9.24	6.89	0.90	84566
Jul-17	60.57	6.05	2.73	15.81	29.97	8.78	0.45	35137
Aug-17	61.95	4.42	2.29	17.78	19.03	6.71	0.52	58364
Sep-17	63.36	2.65	2.45	15.49	23.59	5.10	0.93	45067
Oct-17	62.52	2.76	3.53	10.24	9.97	6.29	1.28	42600
Nov-17	62.46	2.57	3.51	5.92	0.90	6.08	1.37	69420
Dec-17	62.41	2.79	3.02	19.22	7.48	5.80	1.08	51480
Jan-18	62.84	2.61	2.79	20.83	1.08	5.40	1.07	104416
Feb-18	62.78	2.29	2.95	26.79	0.73	5.24	1.29	91588
Mar-18								
CUMML	61.98	2.88	2.96	18.63	6.15	5.84	1.03	654538

BLEND

गुणवत्ता :: राउरकेला
फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.23	3.06	2.53			5.59	0.83	3156592
APP 17-18	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	62.10	3.14	2.50			5.65	0.80	218220
Aug-17	61.83	3.73	2.43			6.16	0.65	214600
Sep-17	62.29	2.94	2.29			5.23	0.78	293374
Oct-17	62.37	2.79	2.58			5.37	0.92	324328
Nov-17	62.37	3.11	2.23			5.34	0.72	372025
Dec-17	62.33	2.97	2.42			5.38	0.81	414042
Jan-18	62.19	3.11	2.45			5.56	0.79	360113
Feb-18	62.36	3.02	2.35			5.37	0.78	
Mar-18								
CUMML	62.26	2.98	2.47			5.45	0.83	3216098

BLEND

गुणवत्ता :: बर्नपुर इस्पात संयंत्र

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/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	61.55	3.22	3.74	20.31	38.99	6.96	1.16	230590
Jul-17	62.36	3.19	3.50	5.20	41.18	6.69	1.10	180815
Aug-17	62.64	3.10	3.28	7.46	39.05	6.38	1.06	319628
Sep-17	62.48	3.37	3.12	10.78	41.65	6.49	0.92	180411
Oct-17	62.37	3.18	3.17	8.15	45.02	6.35	1.00	223550
Nov-17	62.32	3.39	3.10	5.59	45.00	6.49	0.92	188487
Dec-17	62.78	3.09	2.92	6.20	44.33	6.00	0.94	241723
Jan-18	62.78	2.94	2.84	5.67	36.76	5.78	0.97	201300
Feb-18	62.05	3.36	3.45	8.59	47.02	6.81	1.03	187162
Mar-18								
CUMML	62.37	3.13	3.27	8.57	44.73	6.40	1.05	2316524

अवनाथपुर

गृणवत्ता :: बोकारो इस्पात संयंत्र
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

तलसीदामर

BF DOLOMITE

	CaO	MgO	SiO ₂	OS	US
Act 16-17	30.27	19.21	3.94	5.92	8.95
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					
Jul-17					
Aug-17					
Sep-17					
Oct-17					
Nov-17					
Dec-17	30.31	20.12	5.14	4.58	9.59
Jan-18	29.11	19.13	5.17	4.25	9.50
Feb-18	30.25	19.45	5.08	4.80	8.45
Mar-18					
CUMML	29.63	18.82	5.52	6.14	9.93

कुटेश्वर

गृणवत्ता :: बोकारो इस्पात संयंत्र
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	46.71	2.78	3.27	3.28	25.16
Aug-17	46.11	2.72	3.39	3.95	25.24
Sep-17	46.06	2.70	3.22	3.77	23.48
Oct-17	45.74	3.20	3.58	4.62	24.53
Nov-17	45.34	2.90	3.41	5.02	31.26
Dec-17	45.31	2.07	3.13	5.14	23.47
Jan-18	44.25	2.04	3.18	6.25	22.38
Feb-18	44.49	1.95	3.16	4.01	30.58
Mar-18					
CUMML	45.51	2.60	3.34	4.04	26.23

गृणवत्ता :: भिलाई

कुटेश्वर

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 16-17	49.81	2.15	3.92	7.05	17.88
APP 17-18	50.00	2.25	3.50	5.00	5.00
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	51.11	1.61	3.34	6.63	20.04
Aug-17	50.04	2.12	3.75	7.49	17.84
Sep-17	50.11	2.23	3.59	7.90	18.80
Oct-17	50.31	2.06	3.54	7.81	17.49
Nov-17	50.87	1.58	3.55	6.04	18.83
Dec-17	50.54	1.81	3.58	7.59	18.32
Jan-18	50.39	2.00	3.63	7.18	19.48
Feb-18	50.87	1.69	3.49	6.74	18.34
Mar-18					
CUMML	50.45	1.89	3.62	7.21	18.18

BARSUA MINES

PERFORMANCE REPORT OF HEMM

SAIL-RMD

PROJ. NO.	CUMM. UTILIS. UPTO Feb '18	MAKE / TYPE	CAP	DATE OF COMMISSION	FEBRUARY 2018												2017-18											
					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	24991	BEML,BE-1000	4.5 CuM	Mar-04	192	3	156	189	33	98.44	17.46	17	27	0.82	65.15	2240	690	1401	1550	150	69.20	9.65	6.67	473	3.17	69.23		
EX-21	17465	TELCON,1200V-1018	5.9 CuM	28-May-07	192		192	192		100.00						2240	1284	810	956	147	42.68	15.32	6.54	691	4.72	44.71		
EX-22	18284	BEML,BE-1000	4.5 CuM	22-Dec-08	384	144	240	240		62.50						4176	995	2359	3182	823	76.19	25.87	19.71	214	0.26	37.12		
EX-23	15805	BEML, BE-1000	4.5CuM	18-Feb-10	384	384										4176	3500	447	676	229	16.19	33.88	5.48			55.32		
EX-24	10983	BEML, BE-1600	7.5CuM	04-Aug-11	192		192	192		100.00						1416	686	634	730	96	51.55	13.15	6.78	305	3.17	51.56		
EX-27	93	BEML, BE-1000-1	4.5 CuM	19-Dec-17	192		192	192		100.00						480		387	480	93	100.00	19.38	19.38				14.52	
* EX 22 & 23 are being utilised at Taldih, EX-24 Engine sent to GOM					TOTAL	1536	531	972	1005	33	65.43	3.28	2.15	27	0.82	115.15	14248	7155	5650	7094	1444	49.79	20.36	10.13	1683	1.17	45.06	
DUMPER,50 TE																												
HPD-87	26303	BEML,210M	50T	Apr-2000	192		192	192		100.00						2312	189	1988	2124	136	91.85	6.38	5.86	73	0.54	17.53		
HPD-90	16403	BEML,210M	50T	APR'05	576	17	559	559		97.05						6744	221	6512	6524	12	96.73	0.18	0.18				31.25	
BH-93 (WT)	23350	BEML,210M	50T	21-Feb-08	328	9	319	319		97.26						2776	162	2442	2614	173	94.16	6.60	6.21	271	1.57	23.57		
BH-94	22191	BH-50 M	50T	22-Dec-08	192	1	182	191	9	99.48	4.71	4.69	4	0.44	27.78	2584	111	2302	2474	172	95.72	6.95	6.66	182	1.06	20.64		
BH-95	29117	BH-50 M	50T	6-Feb-09	192	2	177	190	13	98.96	6.84	6.77	10	0.77	11.54	3160	347	2128	2813	685	89.02	24.35	21.68	408	0.60	16.74		
BH-96	24896	BH-50 M	50T	20-Aug-09	192	2	180	190	10	98.96	5.26	5.21	13	1.30	20.00	3496	891	2182	2605	424	74.51	16.26	12.11	66	0.16	18.09		
BH-99 (@ MIOM-13609)	8256	BH-50 M	50T	01.04.05 MIOM 20.02.2014 BIM	192		192	192		100.00						3256	400	2209	2856	648	87.71	22.67	19.89	709	1.09	18.39		
* BH-95, 96 & 99 are being utilised at Taldih					TOTAL	1864	31	1801	1833	32	98.34	1.75	1.72	27	0.84	25.00	24328	2320	19761	22009	2248	90.47	10.21	9.24	1709	0.76	18.42	
DUMPER,100 TE																												
BH-97	8593	BEML,BH-100	100 T	4-Aug-11	192		192	192		100.00						2240	15	2225	2225		99.33							
BH-98	7919	BEML,BH-100	100 T	04-Aug-11	192		192	192		100.00						2240	18	2194	2223	29	99.22	1.30	1.29	89	3.07	70.69		
					TOTAL	384		384	384		100.00					4480	33	4419	4448	29.00	99.27	0.65	0.65	89	3.07	81.03		
DRILL																												
DM-7	23425	AC - IDM-30	160mm	29-Jan-98	192		192	192		100.00						2240	674	1402	1566	165	69.91	10.50	7.34	210	1.28	14.86		
DM-9	9381	AC - IDM-30	160mm	30-Sep-09	192		192	192		100.00						912	126	746	786	40	66.18	5.09	4.39	870	21.75	53.88		
DM-10	4149	AC - IDM-30	160mm	15-Jan-15	384	48	278	336	58	87.50	17.26	15.10				3976	876	1989	3100	1112	77.97	35.85	27.96			28.05		
* DM-10 is being utilised at Taldih					TOTAL	768	48	662	720	58	93.75	8.06	7.55			5.17	7128	1676	4136	5452	1316	76.49	24.14	18.46	1080	0.82	27.19	
DOZER																												
TR-35 (B/V)	12935	BEML,D-155A	320 HP	11.01.98												624			624	624	100.00	100.00	100.00					
TR-36 (B/V)	13921	BEML,D-155A	320 HP	23-Apr-05	576	576										6744	6720		24	24	0.36	100.00	0.36					
TR-37	13733	BEML,D-155A	320 HP	22-Jun-07	576	17	558	559	1	97.05	0.18	0.17				6512	319	6052	6194	142	95.11	2.29	2.18				13.10	
TR-38	14972	BEML, D-355	410 HP	16-Feb-10	384	50	272	334	62	86.98	18.56	16.15				36.69	3472	588	2041	2885	844	83.08	29.24	24.29			31.11	
TR-39	9613	BEML, D-355	410 HP	10-Apr-12	192	2	172	190	18	98.96	9.47	9.38				45.83	2744	422	1956	2322	367	84.62	15.78	13.36			32.20	
TR-40	6697	BEML, D-355	410 HP	6-May-14	192		192	192		100.00						4136	129	1929	4007	2079	96.88	51.87	50.25				4.11	
* TR-38 is being utilised at Taldih					TOTAL	1920	645	1194	1275	81	66.41	6.35	4.22			38.27	24232	8177	11977	16055	4079	66.26	25.40	16.83				11.88
PAY LOADER																												
FEL-6	9097	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	192	1	182	191	9	99.48	4.71	4.69				352	6	324	346	22	98.30	6.36	6.25				18.18	
FEL-7	6402	HYUNDAI	280 HP	27-Aug-11	576	17	552	559	7	97.05	1.25	1.22				42.14	6440	233	5378	6207	830	96.38	13.36	12.88				6.82
FEL-6 Shifted to Gua on 15.12.2015					TOTAL	768	18	734	750	16	97.66	2.13	2.08			18.44	6792	239	5702	6553	852	96.48	12.99	12.54				7.12

EQUIPMENT AVAILABILITY & UTILISATION

Feb-18

UNIT IN %

		KIRIBURU						MEGHAHATUBURU						BOLANI				BARSUA/TALDIH				GUA							
		NORM		MTH		CUM		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	AV	UT	AV	UT		
DRILL	150 mm	70	70	50	48	39	53	56	37	64	44	87	19	80	28	94	8	76	18	31	16	43	18						
SHOVEL	HYD(D) <4.6 m ³	70	75			13	66	31	12	36	9	100	4	79	11	65	4	65	12										
	HYD(D) >4.6 m ³	85	80	95	54	88	56	68	44	73	44	95	27	83	32	100		47	7	41	25	67	65						
	HYD(E)	70	70																										
DUMPER	85 tn	65	75			27	85																						
	50 tn	70	80					48	13	14	11	46	3	38	10	98	2	90	9	2	1	41	6						
	100 tn	85	80	82	34	73	40	45	43	66	32	62	25	59	26	100		99	1	58	24	53	31						
DOZER		70	70	46	33	51	35	47	27	41	23	72	14	54	15	66	4	66	17	41	30	43	29						
CRUSHING PLANT		85	85					93	49	90	61																		
SCREENING PLANT		85	85					89	48	78	65																		
OHP		85	85	93	74	85	72																			98	96	94	78

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	1936342	490147	2426489	455537	28236921	78810	3662660	185830	1460250	703256	0.08	0.45	5.32	14.74
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
July'17	175577	64457	240034	27455	2415024	7200	341280	2880	50850	0	0.07	0.61	6.11	18.33
August'17	172237	47850	220087	43495	2792016	6090	403920	0	41940	42000	0.09	0.48	6.26	13.34
Sept'17	169275	24163	193438	42570	2555738	8400	359910	4140	101610	92000	0.08	0.40	5.49	17.30
Oct'17	196733	37416	234149	38733	2550646	7350	387670	14000	156690	119256	0.06	0.41	4.57	12.72
Nov'17	172546	33496	206042	35535	2706483	8400	283670	28000	168120	108000	0.06	0.42	5.64	17.29
Dec'17	175520	51818	227338	48019	2894773	3990	312480	27000	164340	150000	0.07	0.44	5.75	7.66
Jan'18	161135	34374	195509	41012	3045919	10500	302420	25000	137610	35000	0.08	0.44	6.55	23.08
Feb'18	161118	46710	207828	48761	2503704	3990	317760	30000	110070	135000	0.09	0.46	5.47	8.51

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	2E+06	44140	2432709	586059	17302920	111803	3481560	153500	2634050	1020000	0.08	0.38	2.76	17.44
April'17	202775	790	203565	35160	1170360	6160	133020	0	435750	5000	0.06	0.36	2.06	10.81
May'17	205774	2080	207854	41353	1221600	11116	250190	10000	257800	30000	0.08	0.40	2.36	21.46
June'17	199459	9150	208609	43784	1239720	13846	323060	13000	203400	105000	0.07	0.38	2.30	24.90
July'17	206791	5340	212131	56859	1813920	9954	315510	7500	222500	85000	0.09	0.38	3.33	17.74
August'17	218558	3790	222348	45948	2148480	8759	285990	30000	282000	150000	0.06	0.36	3.59	14.29
Sept'17	227975	1370	229345	63721	1896000	10458	404950	5000	160400	75000	0.10	0.39	3.32	17.87
Oct'17	235535	5030	240565	72161	1604160	10714	380370	15000	214400	110000	0.10	0.38	2.63	17.11
Nov'17	230303	5560	235863	60599	1541880	10430	387060	12000	215600	120000	0.08	0.37	2.51	16.41
Dec'17	227177	3030	230207	77923	1668960	8344	375390	21000	216500	95000	0.11	0.37	2.72	13.44
Jan'18	232827	4000	236827	64700	1714320	10542	340720	20000	213500	95000	0.10	0.41	2.99	18.45
Feb'18	201395	4000	205395	23851	1283520	11480	285300	20000	212200	150000	0.04	0.39	2.48	21.95

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	2285505	847488	18631120	110788	3358655	0	1398349	1348955	1649359	0.11	0.42	3.05	20.26
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
July'17	207326	71200	1600320	10786	252700	0	102228	235200	189763	0.09	0.37	2.71	19.23
August'17	202708	80010	1786320	11109	316800	0	113352	103310	27441	0.14	0.45	3.35	24.40
Sept'17	206270	80570	1329520	7073	349190	0	82829	72020	171483	0.12	0.43	2.64	14.59
Oct'17	213374	93794	1810080	9547	315560	0	137470	88870	237995	0.12	0.43	3.34	19.16
Nov'17	208404	82811	1748880	8256	265180	0	178430	121590	220267	0.11	0.43	3.09	16.97
Dec'17	215224	91121	1901520	11710	329490	0	189219	62100	128205	0.13	0.46	3.27	24.86
Jan'18	209709	77939	1872480	11344	240840	0	151146	193360	245859	0.09	0.39	3.20	21.27
Feb'18	203885	82588	1613280	9284	315490	0	151769	78250	201483	0.11	0.42	2.96	19.26

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

Item	HSD			Expl	Power	Lubricant									
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM BARSUA	CONT ROM TALDIH	DEPTT OB BARSUA	CONT OB	TALDIH OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL									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	360597	0	360597	84562	12801407	11302	0	418704	84300	0	176040	0.12	1.39	25.45	43.41
April'17	30185	0	30185	4950	1069237	1050	0	24700	0	0	24300	0.10	0.99	21.82	43.21
May'17	46383	0	46383	8000	1137117	1470	0	36650	4365	0	37845	0.10	0.90	14.42	34.83
June'17	41862	0	41862	9500	959717	970	0	46902	945	0	42075	0.11	0.76	10.67	22.55
July'17	28813	0	28813	10500	875357	870	0	49888	0	0	21735	0.15	0.84	12.22	40.03
August'17	27131	0	27131	9000	1289397	2370	0	29533	1620	0	3780	0.26	2.12	36.91	438.89
Sept'17	19401	0	19401	9000	1243957	623	0	40592	0	0	11835	0.17	0.88	23.73	52.64
Oct'17	42517	0	42517	6750	1135517	1281	0	36486	13140	0	11430	0.11	1.26	18.60	52.14
Nov'17	36089	0	36089	8412	1375357	1040	0	36114	23895	0	13590	0.11	0.78	18.69	27.74
Dec'17	38593	0	38593	3250	1501117	703	0	35814	29445	0	9450	0.04	0.81	20.09	18.07
Jan'18	23951	0	23951	4000	1416277	556	0	29552	9675	0	0	0.10	1.40	36.10	39.41
Feb'18	25672	0	25672	11200	798357	369	0	52473	1215	0	0	0.21	2.83	14.87	40.61

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	2804677	2020	2806697	356455	17010288	98446	3602500	0	1443068	0	0.07	0.56	3.37	19.51
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
July'17	218080	400	218480	21145	1517400	9352	323000	0	87365	0	0.05	0.53	3.70	22.79
August'17	231143	200	231343	30319	1631208	6314	315600	0	137070	0	0.07	0.51	3.60	13.95
Sept'17	257252	200	257452	22578	1516248	9352	295700	0	149625	0	0.05	0.58	3.40	21.00
Oct'17	276944	220	277164	19718	1510680	7922	354100	0	154410	0	0.04	0.55	2.97	15.58
Nov'17	266650	200	266850	32343	1458624	9380	346000	0	168255	0	0.06	0.52	2.84	18.24
Dec'17	284668	200	284868	28583	1648560	8050	332400	0	172035	0	0.06	0.56	3.27	15.96
Jan'18	260236	200	260436	38348	1769112	8414	344800	0	139950	0	0.08	0.54	3.65	17.36
Feb'18	230028	200	230228	30571	1476624	12166	322100	0	108565	0	0.07	0.53	3.43	28.25

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL									
APN/LE	GRANTED	X/1/HB	AREA	RENEWAL	FOREST CLEARANCE (FC)			Status as on FEB' 2018 ENVIRONMENTAL CLEARANCE (EC)	
					CN	LPT/	(in ha.)	APP/ DATE	
KDR-S-BR									
Lease-I	28/03/01	31/03/20	194616	17/02/08	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 on 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 MoI/TCC on 13/07/2015. Proposal at MoEFCC . ND Additional information sought by MOEF&CC on 18/09/2015 & reply Repli 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 Govt issued letter dated 15/12/2015 to PCCF regarding early reply of letter dated 18/09/2015. Compliance report submitted to DI (Saranda) 15/01/2016. DI(Saranda) forwarded the report to CF on 28/01/2016. CF forwarded the report to Addl 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 23/3/2016. Further, PCCF forwarded the proposal to Pr. Secy. Jharkhand on 15/03/16. Govt vide letter did 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 (MoEF&CC) & Secy (MoS) on 02/12/16. Secretary, MoS vide letter did 07/02/17 again requested Secretary, MoEFCC for kind intervention to expedite the pending Stage-II FC of Gua, Kariburu-Meghalatuburu (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, ICIRE etc wherein some favourable outcome made on Stage-II FC of South- Central Block. The grant of pending Stage-II FC s of Saranda Region was discussed by Dir (RM&L) with DGF&SS, MoEFCC on 09/08/17 & 17/08/17	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	06/02/75	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 Meghalatuburu Iron Ore Mine are located in the lease-II			
Lease - III	01/10/75	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			
Horto/pto	01/01/70	31/12/99	10/01/98	-	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			
BPL-A-NL	71 sq mile lease	11/04/05	1091430	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 & complied. Further, FAC meeting held on 20/07/2017 & recommended the project MoEF&CC vide order dated 12/09/2017 granted Stage-I FC for 87.09 ha Sabik forest land Subsequent to the grant of Stage-I FC, Govt of Odisha letter dated 03/10/17 imposed additional conditions for compliance Addl PCCF (Nodal Officer) vide letter dated 11/10/17 directed RCCF (Rourkela)/DFO(Keonjhar) to furnish the required compliances to the Stage-I FC conditions imposed by MoEFCC immediately for onward transmission to the Govt in F&E Dept. Compliance of condition has been submitted to DFO and some deficiency pointed out which is under preparation FRA certificate issued	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 sq mile lease	14/11/62	15/11/82	15M6.30	26/03/02 (2nd RNLS)	Stage-I FC was granted by MoEF&CC on 24/02/99. MoEF&CC vide letter dated 24/07/17 issued amended Stage-I FC order. For this proposal, compliance is under progress. In addition to that, 238.093 ha 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 & complied. Again FAC meeting held on 20/07/2017 & recommended the project MoEF&CC vide order dated 12/09/2017 granted Stage-I FC for 124.313 ha Sabik forest land. Subsequent to the grant of Stage-I FC, Govt of Odisha letter dated 03/10/17 imposed additional conditions for compliance Addl PCCF (Nodal Officer) vide letter dated 11/10/17 directed RCCF (Rourkela)/DFO(Keonjhar) to furnish the required compliances to the Stage-I FC conditions imposed by MoEFCC immediately for onward transmission to the Govt in F&E Dept. Compliance of condition is in progress FRA certificate issued	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			
ML-130-K-TALDIH	ML No. 130	05/01/00	104/01/30	2486.383	28/1	Stage-II FC granted by MoEF&CC on 06/03/2013	EC granted by MoEFCC vide letter dated 29/09/10. 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 Mtr & Kalta to 2.5 Mtr & Taldih to 2.05 Mtr. Keeping the total annual production capacity within the approved limit of 8.05 Mt/yr. Amendment of CTE in lac with the amendment of EC granted by OSPC B 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	29/04/01	29/04/30	77.44	21/04/09	Stage-I FC for diversion of 77.44 ha including 2.652 ha of safety zone along with the one year working permission has been granted by MoI-FC on 10/02/2015. Stage-I Compliance along with other associated conditions related to CA scheme has been communicated to DFO on 28/11/2015 DFO Bmn forwarded the status of compliance report to State Govt & forwarded to MoI/TCC on 28/1/2016 for extension of working permission All the necessary payment related CA, PCA, SNCP, Pend, NPV has been made & final Stage-I compliance report has been submitted to DFO Office. Bmn on 02/04/2016 for grant of Stage-II FC. Govt of Odisha forwarded the proposal to MOEFCC & in the return MoEFCC asked more clarification and many more information which was forwarded to forest department by SAIL within limited time period as possible. After the compliance of the queries, the revised compliance report forwarded to MoEFCC by State Govt on 24/06/2017 MoEF&CC vide order dated 23/10/17 granted Stage-II FC for diversion of 77.44 ha of forest land for development of mining infrastructure in ML-162 lease of Barsua from Mine. Subsequently as per the direction of Hon'ble Supreme Court order dated 02/03/16 an application for direction was filed on 24/10/17 for resumption of mining operations in ML-162 lease. Further Govt of Odisha (F&E Dept) vide order dated 25/10/17 authorised DFO, Bmn to handover the forest land and was SAIL to publish the entire forest clearances order in Newspaper and to submit the copies to the Head of local bodies. Municipalities bodies and relevant offices of State Govt on 26/10/17 and published in two new papers on 29/10/17. Matter of panning of mines is pending at Hon'ble Supreme Court of India. Addl PCCF (NO) vide letter dated 03/11/17 directed RCCF Rourkela/DFO Bmn to furnish the Stage-II FC compliances to the conditions imposed by Govt MoEF&CC	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, LOA has been issued to M/s Gaheli Centre of Research and Development Pvt Ltd on 15/12/17 for preparation of EIA and EMP report. ToR application submitted on 18/01/2018. MoEFCC raised EDS for shortcomings on 15/02/18 and directed to resubmit the proposal EDS reply/resubmission of proposal was made on 28/02/18 for consideration of ToR			
ML No. 227	18/01/84	17/01/04	3.34	14/01/13	Preparation of Diversion Proposal is under progress	Non-working lease. Obtaining EC is under progress			

MINE	GRANTED IN	VALID TILL	AREA (in ha.)	RENEWAL APPL. DATE	STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL		Status as on FEB' 2018
					FORESTRY CLEARANCE (FC)		
BHAWANATHPUR							
GORGON	23/10/72	31/03/20	228.46	18/10/11 (2nd SCM)	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 dttd 03/02/2016 instructed to submit FC proposal online		MoEFCC, New Delhi has been approved the TORs of three leases viz Ghaghra, Gorgaon & Sarava 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 Sarava- 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 Surrender of Bhawanathpur leases i.e Gorgaon, Ghaghra & Sarava leases has been approved by SAIL-Board and Final Mine Closure Plan is under preparation for further submission to IBM for approval
GHAGHRA	23/10/72	31/03/20	67.67	18/10/11 (2nd SCM)	Fresh DP has been submitted to PCCF (Nodal) on 01/10/13 Proposal forwarded to DFO on 22/10/13 DFO, Garhwa vide letter dttd 03/02/2016 instructed to submit FC proposal online		
SAKARIA	31/03/04	31/03/20	275	10/03/17 (2nd SCM)	Fresh DP has been submitted to PCCF (Nodal) on 01/10/13 Proposal forwarded to DFO on 22/10/13 DFO, Garhwa vide letter dttd 03/02/2016 instructed to submit FC proposal online		
PLR/APAN	06/01/80	31/03/20	269.525	31/12/98	No forest land involved		Non-working lease No EC
GHATITASA	29/04/80	28/04/100	153.51	16/04/99	Matter of lease is under litigation		Non-working lease No EC
KUTGIRI WR							
LEFT BANK LE. USE	13/05/82	14/08/22	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 on 06/09/2017 for validity upto 31/07/2018
RIGHT BANK LE. USE	10/06/71	10/06/21	944.80	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 & presently, CTO renewed by MPPCB for the period upto 31/01/2020
TUTSIRAM WR	30/10/09	31/03/20	118.72	29/10/08 (2nd SCM)	DFO, Garhwa 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 dttd 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 Renewal application for grant of CTO beyond 30/06/2018 upto 2020 has been submitted on 27/02/2018

P-42 A'

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL											Status as on FEB' 2018			
MINE	GRANTED ON	VALID UPTO	AREA (in ha)	RENEWAL VPL DATE	FORESTRY CLEARANCE (FC)					ENVIRONMENT CLEARANCE (EC)				
GUAR														
Durgaburu	22/02/09	21/02/19	1443.756	18/02/18 1 st RDLL	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- 1 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. MoI(CC) 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 I ore Dept at Ranchi on 16/11/2015 regarding condition no. xx of Stage I order & presentation on Reclamation was presented there. Further another meeting was conducted by PCCF/RCLL DFO(Saranda) at Ranchi on 27/11/2015 and discussed on status of compliance of Stage I & II FC conditions. Vide letter dt/d 16/03/16 updated status on both the matters was communicated to AIG (TC), MoEFCC. The project was reviewed in the PMG meeting of Cabinet Secretariat on 20/05/2016 where MoI(CC) informed that they are awaiting the report on Carrying Capacity on Saranda region before a final decision on the Stage-II FC of Gu. Presentation on R&R was made before IG (T), Forest Division New Delhi on 22/06/16 & 08/07/16. Vide letter dated 31/05/16 AIG, Forest (TC) 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 was held between Secy (MoEFCC) & Secy (MoS) on 02/12/16, wherein Chairman, SAIL & other Senior officers were also present. Secretary, MoS vide letter dt/d 07/02/17 again requested Secretary, MoEFCC for kind intervention to expedite the pending Stage-II FC of Gu & 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								
Ialingburu	12/05/09	11/05/19	210.526	25/04/19 1 st RDLL	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. The proposal was again considered by the Special meeting of the FAC on the proposals related to Jharkhand arisen as a result of Carrying Capacity carried out by ICFRE held on 11/08/2017. FAC recommended granting in-principle approval to the proposal along with general, standard & specific conditions. The minutes of the meeting was issued on 17/08/2017 MoEF&CC vide order dated 25/09/2017 granted Stage-I FC for 210.526 ha forest land. Compliance is under progress	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 date 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/d 03/04/17 informed that EC proposal will be considered after approval of Carrying Capacity study report by Competent Authority MoEF&CC vide online window dated 13/11/17 intimated that proposal has not been accepted on account of Additional details sought (ADS) i.e. proposal is a violation case without EC from 2008-11 and directed to apply online as per notification dated 14/03/17. The reply of the ADS was submitted to MoEF&CC vide letter dated 17/11/17 with a request to list the proposal for consideration by EAC during its next meeting as per notification dated 14/3/17. Further, as per provisions of notification dated 14/03/17, the proposal was submitted online on 02/12/17								
II														
Jhingburu	12/05/09	11/05/20	51.443	16/05/19 1 st RDLL	Stage-I FC granted by MoEF on 29/01/2013 Stage I FC Compliance Report submitted to DFO, Charbasa 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 Secy 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 Secy to GoJ vide letter dt/d 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 PCCF (Ranchi) forwarded the proposal to State Govt on 20/06/17 and State Govt forwarded to MoEF&CC, Ranchi on 17/07/17. Further 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 16/01/18 for further necessary action	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 ISPCB 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. The proposal was transferred to State Environmental Impact Assessment Authority (SEIAA) Ranchi by MoEFCC on 04/08/2017 for further consideration of the project. Vide letter dated 27/11/17, proper justification along with request to appraise the proposal at the earliest for grant of EC was submitted to SEIAA SEIAA vide online portal dated 18/12/17 considered the submission and asked to upload/submit updated Form-I along with other documents. The other documents has been forwarded to SEIAA members in Jan 2018 SEAC MEETING HELD ON 22/02/2018 FOR APPRAISAL OF PROJECT								
III														
Tripura	10/03/10	31/03/20	1415	14/03/19	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 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 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								
CHHRA														
Budhaburu (Nel & Lila)	10/12/15	31/03/20	823.617	16/11/19 1 st RDLL	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, Chabasa 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 Dhobol & Sukri Leases to verify any violation of FC (Act), 1980 and report accordingly before grant of Stage - 2 FC. MoEFCC, 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. Further, validity of CTE extended by JSPCB on 04/08/2017 for a period upto 24/07/2018								
Ajharbaru	07/12/17	16/12/17	123.847	04/12/19 1 st RDLL										
Sukhi - Lala	22/03/19	21/03/20	669.154	11/03/19 1 st RDLL										
Dhobol	10/11/18	10/03/19	113.056	16/03/19 1 st RDLL	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					No EC			
Turburu	01/10/19	31/08/20	38.85	24/08/18 1 st RDLL	Virgin & Non-working lease No FC						No EC			
Akbar	14/10/20	31/03/20	67.178	18/09/11 1 st RDLL	Virgin & Non-working lease No FC						No EC			

RMD MANPOWER POSITION AS ON 01.03.2018			
	Executives	Non-Executives	Total
A. ORE MINES			
Kiriburu	93	552	645
Meghahatuburu	74	500	574
Bolani	95	431	526
Barsua	55	311	366
Kalta	15	60	75
Gua	65	530	595
Manoharpur(Chiria)	16	54	70
A.TOTAL	413	2438	2851
B. FLUX MINES			
Purnapani	0	10	10
Kuteshwar	23	111	134
BNP & TDMR	12	93	105
Satna	0	1	1
B. TOTAL	35	215	250
C. OFFICES			
Kolkata	68	32	100
Rourkela	12	16	28
Bokaro	1	4	5
Durgapur	1	4	5
Delhi	3	2	5
Bhubaneswar	1	2	3
Ranchi	2	1	3
Burnpur	0	1	1
MT	6	0	6
C. TOTAL	94	62	156
GRAND			
TOTAL(A+B+C)	542	2715	3257
Manpower as on 01.02.2018	547	2733	3280
Reduction(-) / Increase(+)	-5	-18	-23

SAHETY 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 1109256

2.0 PME

1	Regular	0
2	Contractual	0

3.0 Reportable & Near miss-0

- 4.0 BIM : Pit Safety Committee visited mine , plant & loading Section.
 MIOM : PSC Meeting on schedule. Committee visited loading plant.
 KIOM : PSC Meeting on schedule. Committee visited mines
 BOM : PSC meeting on schedule. Committee visited mines
 KIM : Safety Inspection done:
 1. Mines
 2. Statutory Register
 3. Canteen & VT Centre
 GOM: PSC Meeting on schedule. Committee visited the mines.

2.1 Works Area:

2.1.1 Safety Audits: NIL

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 deppts. inspected)	No. of Unsafe acts & conditions observed	Points complied	Balance Points
1.	Safety officer of SED	40	10	10	
2.	Shop DSOs				

3.	Apex Committee				
4.	Other schedule/ joint inspections [Housekeeping, Crane, Cable Galleries etc.]				
5.	Any other PSC	08			

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	Workshop on preparation of Safety management plan				

(B) Regular Trainings

Safety Talk			Induction Training			On –the-job/ Refresher Training		
R/130	C/205	T/335	R	C	T	R/20	C 105	T/125

2.1.4 Safety Monitoring & Review: NA

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	08Mines	
2.	Crash helmets		
3.	Personal Protective appliances	08 Mines	90% are using
4.	Roko-Toko	57	
5.	Any other		

2.1.6 Participative Meetings:

Sl.No.	Name / Type	Quantum	Remarks
1.	Departmental Safety Committee / Deptt. consultative committee		
2.	Central Safety committee		
3.	Pit Safety Committee (for mines only)	10	Held on schedule
4.	Any other		

Highlights of CSR Activities of RMD in February, 2018

Bolani Ore Mines

Anjali Das member of LCCC Bolani represented for east zone U-19 women's at Mumbai from 01/02/2018 to 19/02/2018 & joined Jahrkhand U-23 team at Kolkata on 20.02.2018.

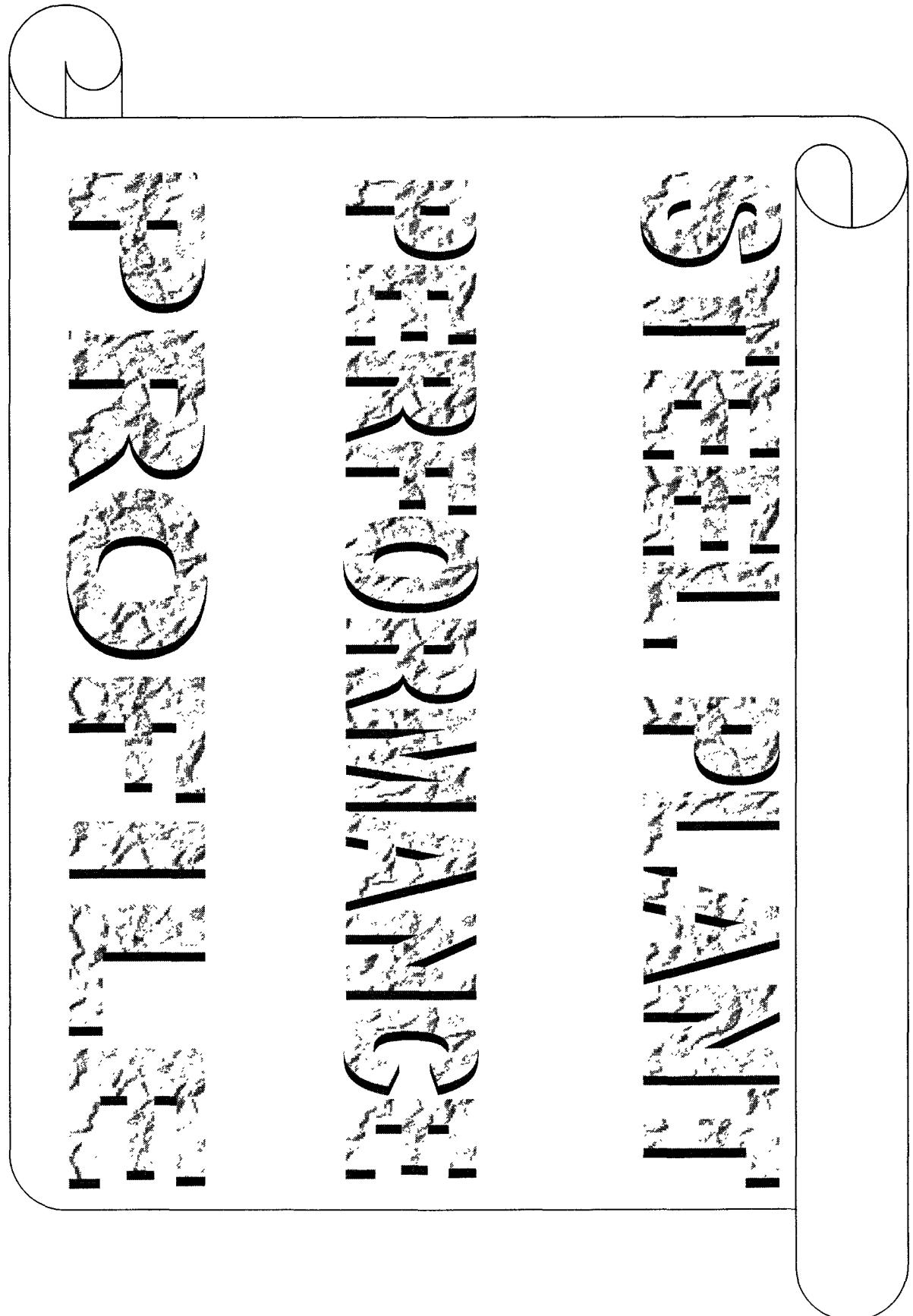
Purnima Ray member of LCCC Bolani represented at KIIT Bhubaneswar for U-23 one day camp and selected for odisha team which is being played from 08/02/2018 to 05/03/2018 at Kolkata.

Rashmi Gudia, Pinky Tirkey, Eshrani Soren & Puja Banara participated in trial camp at Jamshedpur for U-23 women at Dtd.05/02/2018.Rashmi Gudia joined camp on 12.02.2018 to 18/02/2018 and played matches from 20/02/2018 to 05/03/2018 at Kolkata.

Barsua Iron Mines

Free Health camp conducted on 03/02/2018 at Gundichanali 339 Persons Beneficiaries from :- Kurda Panchayat, Kuliposh Panchayat, Kudeikela Panchayat and Talbahali Panchayat availed the facility.All the above panchayats are in Lahanipara Block.





IRON ORE STOCK INVENTORY BEHAVIOUR

FEB 2018

IRON ORE LUMP

UNIT:'000 TONNES

PLANT	STK 01.04.2017	STK 01.02.2018	RECEIPTS		CONS		STK 01.03.2018	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
BSL	53	9	200	2011	202	2118	14	5	-39
DSP	65	6	117	1214	95	1255	7	1	-58
RSP	70	30	187	1940	177	1938	40	10	-30
ISP	29	13	94	790	81	739	0	-13	-29
BSP	100	324			244	2201	267	-57	167
TOT	317	382	598	5955	799	8251	328	-54	11

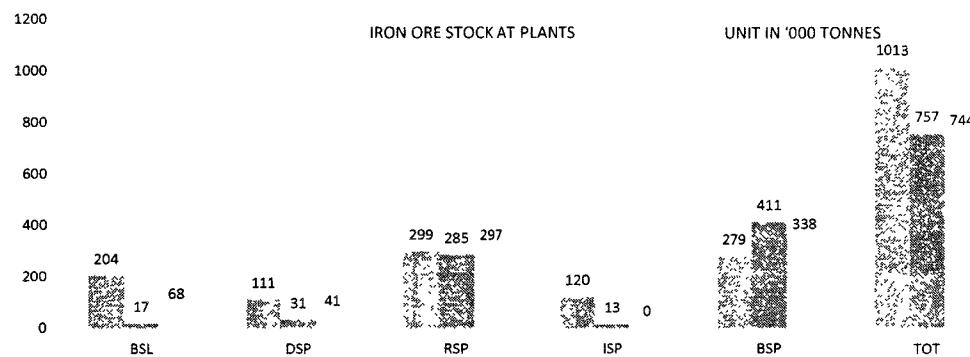
IRON ORE FINES

PLANT	STK 01.04.2017	STK 01.02.2018	RECEIPTS		CONS		STK 01.03.2018	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
BSL	151	8	349	3522	332	4041	54	46	-97
DSP	46	25	221	2151	212	2201	34	9	-12
RSP	229	255	282	3218	319	3679	257	2	28
ISP	91	0	194	2351	215	2479	0	0	-91
BSP	179	87		151	333	3783	71	-16	-108
TOT	696	375	1046	11393	1411	16183	416	41	-280

IRON ORE TOTAL

PLANT	STK 01.04.2017	STK 01.02.2018	RECEIPTS		CONS		STK 01.03.2018	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
BSL	204	17	549	5533	534	6159	68	51	-136
DSP	111	31	338	3365	307	3456	41	10	-70
RSP	299	285	469	5158	496	5617	297	12	-2
ISP	120	13	288	3141	296	3218	0	-13	-120
BSP	279	411	0	151	577	5984	338	-73	59
TOT	1013	757	1644	17348	2210	24434	744	-13	-269

* BSP RECEIPT FROM RMD MINES



PRODUCTION PERFORMANCE

FEB 2018

हॉट मेटल

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	350	343	98	3862	3687	95	3098	19
दूर्गापूर	192	206	107	2061	2054	100	2180	-6
राऊरकेला	290	265	91	3522	3007	85	2791	8
बन्नपूर	213	179	84	2174	1876	86	1653	13
पूर्वी इस्पात संयंत्र	1045	993	95	11619	10624	91	9722	9
भिलाई	622	352	57	5759	3880	67	4602	-16
TOTAL	1667	1345	81	17378	14504	83	14324	1

सिन्टर

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	415	456	110	4829	5122	106	4352	18
दूर्गापूर	268	268	100	2880	2838	99	3007	-6
राऊरकेला	470	417	89	5668	4735	84	4739	0
बन्नपूर	324	283	87	3315	3015	91	2682	12
पूर्वी इस्पात संयंत्र	1477	1424	96	16692	15710	94	14780	6
भिलाई	753	551	73	8186	5845	71	6423	-9
TOTAL	2230	1975	89	24878	21555	87	21203	2

IRON ORE RECEIPTS FOR THE MONTH OF FEB 2018

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	29	62	38		15	19	15		22		200
DSP		3	80				34				118
RSP	67	52			27	41					186
ISP		3	44		3		34		10		95
BSP											
TOT	96	120	162		45	60	83		32		599

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	63	103	97			11	56		19		349
DSP			137				84				221
RSP	193	70				18		1			283
ISP			99			10	78		7		194
BSP											
TOT	256	174	333			40	218	1	26		1047

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	92	165	135		15	30	71		41		549
DSP		3	217				118				339
RSP	260	123			27	59		1			469
ISP		3	143		3	10	113		16		289
BSP											
TOT	352	294	495		45	99	302	1	58		1646

IRON ORE RECEIPTS TILL THE MONTH OF FEB 2018

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	383	580	552		69	140	179		108		2011
DSP	8	29	778				395		4		1214
RSP	735	454			255	474			15	7	1940
ISP	18	3	495		10	44	172		48		790
BSP											
TOT	1144	1066	1825		334	658	746		175	7	5955

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	853	1011	839			163	524		132		3522
DSP		28	1213				910				2151
RSP	1590	1118				467		1	42		3218
ISP	10	141	1066			45	1068		21		2351
BSP	135	16									151
TOT	2588	2314	3118			675	2502	1	195		11393

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1236	1591	1391		69	303	703		240		5533
DSP	8	57	1991				1305		4		3365
RSP	2325	1572			255	941		1	57	7	5158
ISP	28	144	1561		10	89	1240		69		3141
BSP	135	16									151
TOT	3732	3380	4943		334	1333	3248	1	370	7	17348

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		