

आर.एम.डी. इन्फॉर्मेटिक्स



DECEMBER'2017



द्वारा प्रकाशित:
पीपीसी विभाग
रॉ मटेरियल्स डिवीजन
भारतीय इस्पात प्राधिकरण

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Excerpt

For the month of December'2017

- **Production :**
 - ❖ 89% APP fulfillment in Total Production by RMD Mines. 88%, 96%, 97% & 87% APP fulfillment in production by Kirirburu, Meghahatuburu, Bolani & Gua Mines respectively.
 - ❖ 94% & 87% APP fulfillment in Lump & Fines Production Respectively by RMD Mines.
 - ❖ 84% APP fulfillment in Flux production. 75% & 167% APP fulfillment in production by Kuteshwar & Tulsidamer Flux Mines.
- **Despatch :**
 - ❖ 92% APP fulfillment in despatch of iron ore and 77% APP fulfillment in Flux despatch by RMD Mines.
 - ❖ 88% & 94% APP fulfillment in Lump & Fines Despatch Respectively by RMD Mines.
 - ❖ 74% & 100% APP fulfillment in Flux despatch by Kuteshwar Limestone & Tulsidamar Dolomite mines respectively.

505 Rakes Despatched in December'2017

Details of Rake Despatched

MINES	COMM	December'17	TILL 2017-18
KBR	L	29	250
	F	73	577
MBR	L	21	219
	F	77	507
BOL	L	48	409
	F	99	701
TAL	L	9	90
	F	0	0
KAL	L	26	141
	F	25	156
GUA	L	15	162
	F	73	587
MPR	L	4	40
	F	6	34
RMD	L	152	1311
	F	353	2562
TOTAL		505	3873

PLANT	COMM	December'17	TILL 2017-18
BSL	L	48	429
	F	100	751
DSP	L	23	244
	F	68	531
RSP	L	60	448
	F	111	705
ISP	L	21	190
	F	71	524
BSP	L	0	0
	F	3	51
TOTAL	L	152	1311
	F	353	2562
	TOTAL	505	3873

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

DEC 2017

UNIT 000 TONNES

PRODUCTION													
MINE & RATED CAP		PLAN	FOR MONTH				GRTH %	TILL THE MONTH				GRTH %	CAP
		2017-18	TGT	ACT	%FF	LAST YR DEC 2016	OVER LSTYR DEC 2016	TGT	ACT	%FF	LAST YR	OVER LSTYR	UTLN %
KIRIBURU 5500	L	1300	115	104	90	106	-1.9	970	946	98	1076	-12.1	75
	F	3000	270	235	87	254	-7.5	2200	2166	98	2085	3.9	
	T	4300	385	339	88	360	-5.8	3170	3112	98	3161	-1.6	
MEGHAHA TUBURU 5000	L	1150	110	105	95	91	15.4	910	861	95	830	3.7	72
	F	2750	300	288	96	251	14.7	2160	1851	86	1995	-7.2	
	T	3900	410	393	96	342	14.9	3070	2712	88	2825	-4.0	
BOLANI 6500	L	2200	195	189	97	167	13.2	1620	1537	95	1599	-3.9	79
	F	3900	340	332	98	296	12.2	2910	2308	79	2587	-10.8	
	T	6100	535	521	97	463	12.5	4530	3845	85	4186	-8.1	
BARSUA 3000	L	100											
	F	400											
	T	500											
TALDIH 1000	L	500	45	36	80	14	157.1	370	293	79	31	845.2	39
	F	450	50			10	-100.0	315			10	-100.0	
	T	950	95	36	38	24	50.0	685	293	43	41	614.6	
KALTA 2500	L	800	70	83	119	55	50.9	595	517	87	430	20.2	57
	F	1100	120	74	62	84	-11.9	750	553	74	258	114.3	
	T	1900	190	157	83	139	12.9	1345	1070	80	688	55.5	
GUA 4000	L	1000	90	66	73	91	-27.5	750	670	89	767	-12.6	98
	F	3200	290	266	92	258	3.1	2430	2266	93	2259	0.3	
	T	4200	380	332	87	349	-4.9	3180	2936	92	3026	-3.0	
MANOHAR - PUR 1500	L	350	30	30	100	28	7.1	265	150	57	238	-37.0	13
	F	300	30	26	87	22	18.2	220	127	58	167	-24.0	
	T	650	60	56	93	50	12.0	485	277	57	405	-31.6	
TOTAL 29000	L	7400	655	613	94	552	11.1	5480	4974	91	4971	0.1	65
	F	15100	1400	1221	87	1175	3.9	10985	9271	84	9361	-1.0	
	T	22500	2055	1834	89	1727	6.2	16465	14245	87	14332	-0.6	

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

DEC 2017

UNIT 000 TONNES

DESPATCHES															
MINE		PLAN	FOR THE MONTH				GRTH %	TILL THE MONTH				GRTH %	STOCKS AT MINES		
		2017-18	TGT	ACT	%FF	LAST YR DEC 2016	OVER LSTYR DEC 2016	TGT	ACT	%FF	LAST YR	OVER LSTYR	AS ON		
													YEAR BEGN.	MTH BEGN.	MTH END
KIRIBURU	L	1300	115	107	93	107	0.0	970	933	96	1060	-12.0	5	26	31
	F	3000	250	268	107	172	55.8	2210	2130	96	1936	10.0	1002	1071	1043
	T	4300	365	375	103	279	34.4	3180	3063	96	2996	2.2	1007	1097	1074
MEGHAHA TUBURU	L	1200	110	76	69	59	28.8	920	817	89	734	11.3	136	141	173
	F	2750	240	285	119	161	77.0	2130	1896	89	1819	4.2	539	469	472
	T	3950	350	361	103	220	64.1	3050	2713	89	2553	6.3	675	610	645
BOLANI	L	2200	190	194	102	146	32.9	1640	1503	92	1552	-3.2	104	136	133
	F	3900	320	325	102	243	33.7	2950	2373	80	2458	-3.5	1738	1656	1664
	T	6100	510	519	102	389	33.4	4590	3876	84	4010	-3.3	1842	1792	1797
BARSUA	L	100											15	15	15
	F	400											194	194	194
	T	500											209	209	209
TALDIH	L	500	45	29	64	16	81.3	370	296	80	23	1187.0	5	1	5
	F	450	50			6	-100.0	315			6	-100.0	4	4	4
	T	950	95	29	31	22	31.8	685	296	43	29	920.7	9	5	9
KALTA	L	800	70	93	133	53	75.5	595	519	87	438	18.5	10	20	11
	F	1100	120	89	74	83	7.2	750	558	74	260	114.6	16	23	8
	T	1900	190	182	96	136	33.8	1345	1077	80	698	54.3	26	43	19
GUA	L	1000	90	57	63	96	-40.6	750	577	77	757	-23.8	27	34	36
	F	3200	285	238	84	238	0.0	2435	2012	83	2217	-9.2	182	183	205
	T	4200	375	295	79	334	-11.7	3185	2589	81	2974	-12.9	209	217	241
MANOHAR - PUR	L	350	30	17	57	31	-45.2	265	137	52	255	-46.3			
	F	300	30	18	60	31	-41.9	220	112	51	177	-36.7	3	7	14
	T	650	60	35	58	62	-43.5	485	249	51	432	-42.4	3	7	14
TOTAL	L	7450	650	573	88	508	12.8	5510	4782	87	4819	-0.8	302	373	404
	F	15100	1295	1223	94	934	30.9	11010	9081	82	8873	2.3	3678	3607	3604
	T	22550	1945	1796	92	1442	24.5	16520	13863	84	13692	1.2	3980	3980	4008

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)
DEC 2017

UNIT 000 TE

DEVELOPMENT								
	FOR MONTH			TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF	TGT	ACT	%FF		
KIRIBURU	340	314	92	2570	1746	68	1795	-2.7
MEGHAHATUBURU	380	312	82	3060	2984	98	2252	32.5
BOLANI	530	190	36	4050	2281	56	1633	39.7
BARSUA	100	29	29	390	73	19	1621	-95.5
TALDIH	95	9	9	730	176	24	223	-21.1
KALTA	0	19		0	39		45	-13.3
GUA	290	172	59	1935	1194	62	1178	1.4
MANOHARPUR	0	0		6	0	0	3	-100.0
TOTAL	1735	1045	60	12741	8493	67	8750	-2.9

ROM								
KIRIBURU	385	339	88	3270	3173	97	3159	0.4
MEGHAHATUBURU	450	396	88	3415	2968	87	2914	1.9
BOLANI	565	519	92	4700	3899	83	4271	-8.7
BARSUA	0	0		0	0		0	
TALDIH	95	36	38	685	338	49	25	1252.0
KALTA	190	146	77	1155	1067	92	881	21.1
GUA	380	332	87	3180	2936	92	3028	-3.0
MANOHARPUR	60	55	92	485	275	57	357	-23.0
TOTAL	2125	1823	86	16890	14656	87	14635	0.1

TOTAL EXCAVATION								
KIRIBURU	725	653	90	5840	4919	84	4954	-0.7
MEGHAHATUBURU	830	708	85	6475	5952	92	5166	15.2
BOLANI	1095	709	65	8750	6180	71	5904	4.7
BARSUA	100	29	29	390	73	19	1621	-95.5
TALDIH	190	45	24	1415	514	36	248	107.3
KALTA	190	165	87	1155	1106	96	926	19.4
GUA	670	504	75	5115	4130	81	4206	-1.8
MANOHARPUR	60	55	92	491	275	56	360	-23.6
TOTAL	3860	2868	74	29631	23149	78	23385	-1.0

Unit In To	PREVIOUS YEAR EXCAVATION PERFORMANCE 2016-17																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kahta			Gua			Manoharpur			RMD TOTAL		
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB
Apr-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	384280	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	122244	119950	2316	456720	348900	107820	50517	50517	0	2657271	1688373	968898
Total	4955130	3158370	1796760	5167595	2914595	2253000	5904161	4271286	1632875	1620135	0	1620135	279130	56200	222930	882266	879950	2316	4204584	3026635	1177949	408266	404813	3453	23421267	14711849	8709418

Unit In To	THIS YEAR EXCAVATION PERFORMANCE 2017-18																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kahta			Gua			Manoharpur			RMD TOTAL		
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB
Apr-17	566550	319590	246960	573770	133020	440750	581486	408757	172729	0			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	432000	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
Total	4919136	3173310	1745826	5952390	2969040	2983350	6177121	3897759	2279362	73410	0	73410	512718	336678	176040	1105013	1066613	38400	4130153	2935600	1194553	274669	274669	0	23144610	14653669	8490941

Change Over Last Year																											
DIFF	-35994	14940	-50934	784795	54445	730350	272960	-373527	646487	-1846725	0	-1546725	233588	280478	-46890	222747	186663	36084	-74431	-91035	16604	-133597	-130144	-3453	-276657	-58180	-218477
%Chg	-0.7	0.5	-2.8	18.2	1.9	32.4	4.6	-8.7	39.6	-95.5	#DIV/0!	-95.5	83.7	499.1	-21.0	25.2	21.2	1558.0	-1.8	-3.0	1.4	-32.7	-32.1	-100.0	-1.2	-0.4	-2.5

Unit in Ton	PREVIOUS YEAR PRODUCTION PERFORMANCE 2016-17																							
	Kiriburu			Meghahatuburu			Bolani			Taldih			Kaiba			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
Total	1074244	2084126	3158370	830950	1994688	2825638	1598903	2586698	4185601	31311	9888	41199	430540	259171	689711	768770	2257865	3026635	237430	167380	404810	4972148	9359816	14331964

Unit in Ton	THIS YEAR PRODUCTION PERFORMANCE 2017-18																							
	Kiriburu			Meghahatuburu			Bolani			Taldih			Kaiba			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				569659	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
Total	946601	2164964	3111565	861484	1849648	2711132	1537896	2307103	3844999	292731		292731	517272	552615	1069887	670739	2264861	2935600	147317	127401	274718	4974040	9266592	14240632
Change Over Last Year																								
DIFF	-127643	80838	-46805	30534	-145040	-114506	-61007	-279595	-340602	261420	-9888	251532	86732	293444	380176	-98031	6996	-91035	-90113	-39979	-130092	1892	-93224	-91332
%Chg	-11.9	3.9	-1.5	3.7	-7.3	-4.1	-3.8	-10.8	-8.1	834.9	-100.0	610.5	20.1	113.2	55.1	-12.8	0.3	-3.0	-38.0	-23.9	-32.1	0.0	-1.0	-0.6

Unit In Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2016-17																							
	Kiriburu			Meghahatuburu			Bolani			Taldih			Kaitha			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	47630	471605	917662	1389267
Aug-16	126795	236920	363715	60140	142215	202355	137855	263493	401348			0	26565	15614	42179	80899	281183	362082	36110	25343	61453	468364	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	1346491
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	146593	243346	389939	16008	6473	22481	53061	83421	136482	95118	237432	332550	31142	29299	60441	507344	932014	1439358
Total	1061964	1936324	2998288	733511	1815288	2548799	1553680	2458768	4012449	64816	9678	74494	436164	258744	694908	758566	2223103	2981669	255918	183511	439429	4822411	8882212	13704623
THIS YEAR DESPATCH PERFORMANCE 2017-18																								
	Kiriburu			Meghahatuburu			Bolani			Taldih			Kaitha			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				458779	854480	1313259
Aug-17	128151	252650	380801	124649	209225	333874	188639	310588	499227	31718		31718	52154	44328	96482	50379	210555	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
Total	932971	2132248	3065219	818257	1897232	2715489	1503932	2371393	3875325	297551		297551	516254	560403	1076657	577202	2013581	2590783	136687	113506	250193	4782854	9088363	13871217
Change Over Last Year																								
DIFF	-128993	195924	66931	84746	81944	166690	-49748	-87375	-137124	232735	-9678	223057	80090	301659	381749	-181364	-209522	-390886	-119231	-70005	-189236	-39557	206151	166594
%Chg	-12.1	10.1	2.2	11.6	4.5	6.5	-3.2	-3.6	-3.4	359.1	-100.0	299.4	18.4	116.6	54.9	-23.9	-9.4	-13.1	-46.6	-38.1	-43.1	-0.8	2.3	1.2

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

DEC 2017

बोकारो 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	55	38	69	455	316	69	338	-7	110	73	66	650	736	113	538	37	165	111	67	1105	1052	95	876	20
MBR	70	22	31	580	422	73	202	109	120	125	104	980	850	87	814	4	190	147	77	1560	1272	82	1016	25
BOL	90	75	83	650	511	79	612	-17	80	84	105	910	630	69	798	-21	170	159	94	1560	1141	73	1410	-19
BAR																								
TAL		7			53													7			53			
KAL		11			102		36	183		15			149		24	521		26			251		60	318
GUA	20	15	75	240	146	61	110	83	45	58	129	545	414	76	304	36	65	73	112	785	560	71	414	35
MPR	5	14	280	85	68	80	61	11		15			63		19	232	5	29	580	85	131	154	80	64
RMD TOT	240	182	76	2010	1618	80	1359	19	355	370	104	3085	2842	92	2497	14	595	552	93	5095	4460	88	3856	16
DRZ																								
PUR																								
GR TOT	240	182	76	2010	1618	80	1359	19	355	370	104	3085	2842	92	2497	14	595	552	93	5095	4460	88	3856	16
0																								
FLUXES																								
KTR	42	28	67	374	224	60	254	-12																
IDMR	10	15	150	102	69	68	52	33																
TOT	52	43	88	476	293	62	306	-4																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

DEC 2017

दूर्गापुर इस्पात संयंत्र

UNIT '000 TONNES

UNIT: 100 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					8		31	-74							12	-100					8		43	-81
MBR					26		51	-49	20			155	18	12	116	-84	20			155	44	28	167	-74
BOL	70	82	117	600	636	106	612	4	160	124	78	1370	923	67	928	-1	230	206	90	1970	1559	79	1540	1
BAR																								
TAL																								
KAL																								
GUA	40	27	68	290	318	110	404	-21	45	87	193	260	732	282	729	0	85	114	134	550	1050	191	1133	-7
MPR	10			75	4	5	6	-33							1	-100	10			75	4	5	7	-13
RMD TOT	120	109	91	965	992	103	1104	-10	225	211	94	1785	1673	94	1786	-6	345	320	93	2750	2665	97	2890	-8
DRZ																								
PUR																								
GR TOT	120	109	91	965	992	103	1104	-10	225	211	94	1785	1673	94	1786	-6	345	320	93	2750	2665	97	2890	-8
0																								
FLUXES																								
KTR	4			39	12	31	12	0																
TDMR					4																			
TOT	4			39	16	41	12	33																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

DEC 2017

राउरकेला इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	60	60	100	515	600	117	557	8	100	182	182	1270	1212	95	1050	15	160	242	151	1785	1812	102	1607	13
MBR	30	54	180	270	369	137	345	7	50	150	300	560	892	159	627	42	80	204	255	830	1261	152	972	30
BOL							7	-100							58	-100							65	-100
BAR																								
TAL	15	22	147	165	223	135	23	870	40			245			6	-100	55	22	40	410	223	54	29	669
KAL	60	75	125	535	386	72	377	2	120	74	62	750	390	52	236	65	180	149	83	1285	776	60	613	27
GUA							51	-100	20			200			226	-100	20			200			277	-100
MPR		3			14		71	-80	30	3	10	220	40	18	111	-64	30	6	20	220	54	25	182	-70
RMD TOT	165	214	130	1485	1592	107	1431	11	360	409	114	3245	2534	78	2314	10	525	623	119	4730	4126	87	3745	10
PUR																								
DRZ		4			7													4			7			
GR TOT	165	218	132	1485	1599	108	1431	12	360	409	114	3245	2534	78	2314	10	525	627	119	4730	4133	87	3745	10
0 FLUXES																								
KTR	14	16	114	108	80	74	91	-12																
TDMR	5			38	34	89	8	325																
TOT	19	16	84	146	114	78	99	15																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

DEC 2017

बर्नपुर 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		9			9		19	-53		6			13		20	-35		15			22		39	-44
MBR							3	-100	10	10	100	60	118	197	65	82	10	10	100	60	118	197	68	74
BOL	30	37	123	390	356	91	321	11	80	117	146	670	820	122	674	22	110	154	140	1060	1176	111	995	18
BAR																								
TAL	10			75	20	27											10			75	20	27		
KAL	10	7	70	60	31	52	17	82					19				10	7	70	60	50	83	17	194
GUA	30	15	50	220	113	51	192	-41	175	93	53	1430	866	61	950	-9	205	108	53	1650	979	59	1142	-14
MPR	15			105	51	49	101	-50					9		3	200	15			105	60	57	104	-42
RMD TOT	95	68	72	850	580	68	653	-11	265	226	85	2160	1845	85	1712	8	360	294	82	3010	2425	81	2365	3
DRZ																								
PUR																								
GR TOT	95	68	72	850	580	68	653	-11	265	226	85	2160	1845	85	1712	8	360	294	82	3010	2425	81	2365	3
0									FLUXES															
KTR																								
TDMR																								
TOT																								

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
DEC 2017
भिलाई इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB							115	-100	40	7	18	290	169	58	316	-47	40	7	18	290	169	58	431	-61
MBR	10			70			133	-100	40			375	18	5	197	-91	50			445	18	4	330	-95
BOL																								
BAR																								
TAL	20			130					10			70					30			200				
KAL																								
GUA															8	-100							8	-100
MPR							16	-100							43	-100							59	-100
RMD TOT	30			200			264	-100	90	7	8	735	187	25	564	-67	120	7	6	935	187	20	828	-77
DRZ																								
PUR																								
GR TOT	30			200			264	-100	90	7	8	735	187	25	564	-67	120	7	6	935	187	20	828	-77
0																								
FLUXES																								
KTR	70	52	74	550	405	74	410	-1																
TDMR					24																			
TOT	70	52	74	550	429	78	410	5																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
DEC 2017
BSL+DSP+RSP+ISP+BSP

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	115	107	93	970	933	96	1060	-12	250	268	107	2210	2130	96	1936	10	365	375	103	3180	3063	96	2996	2
MBR	110	76	69	920	817	89	734	11	240	285	119	2130	1896	89	1819	4	350	361	103	3050	2713	89	2553	6
BOL	190	194	102	1640	1503	92	1552	-3	320	325	102	2950	2373	80	2458	-3	510	519	102	4590	3876	84	4010	-3
BAR																								
TAL	45	29	64	370	296	80	23	1187	50			315			6	-100	95	29	31	685	296	43	29	921
KAL	70	93	133	595	519	87	430	21	120	89	74	750	558	74	260	115	190	182	96	1345	1077	80	690	56
GUA	90	57	63	750	577	77	757	-24	285	238	84	2435	2012	83	2217	-9	375	295	79	3185	2589	81	2974	-13
MPR	30	17	57	265	137	52	255	-46	30	18	60	220	112	51	177	-37	60	35	58	485	249	51	432	-12
RMD TOT	650	573	88	5510	4782	87	4811	-1	1295	1223	94	11010	9081	82	8873	2	1945	1796	92	16520	13863	84	13684	1
PUR																								
DRZ		4			7													4			7			
GR TOT	650	577	89	5510	4789	87	4811	0	1295	1223	94	11010	9081	82	8873	2	1945	1800	93	16520	13870	84	13684	1
0																								
FLUXES																								
KTR	130	96	74	1071	721	67	767	-6																
TDMR	15	15	100	140	131	94	60	118																
TOT	145	111	77	1211	852	70	827	3																

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

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

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

UNIT 000 TONNES

PRODUCTION

MINE	PLAN 2016-17	FOR MONTH				GRTH % OVER LSTYR DEC 2016	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR DEC 2016		TGT	ACT	%FF	LAST YR	
KUTESHWAR	1420	130	97	75	107	-9.3	1070	714	67	772	-7.5
TULSIDAMAR	200	15	25	167	12	108.3	140	157	112	64	145.3
BHAWANATHPUR											
TOTAL	1620	145	122	84	119	2.5	1210	871	72	836	4.2

DESPATCH

MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR DEC 2016	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR DEC 2016		PLAN	ACT	%FF	LAST YR	
KUTESHWAR	1420	130	96	74	106	-9.4	1071	721	67	771	-6.5
TULSIDAMAR	200	15	15	100	8	87.5	140	139	99	60	131.7
BHAWANATHPUR											
TOTAL	1620	145	111	77	114	-2.6	1211	860	71	831	3.5

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
Total	765359	782401			62468	59852	827827	842253

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
Total	714745	726578			158706	140378	873451	866956

Over Last Year

DIFF	-50614	-55823			96238	80526	45624	24703
%Chg	-6.6	-7.1	#DIV/0!		154.1	134.5	5.5	2.9

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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	63.00	3.27	1.76	7.42	21.19	62.39	3.21	2.69	9.07	29.79		MTH ACT					
CUM	2017-18	63.10	2.95	1.72	14.52	20.43	62.38	3.31	2.36	9.68	30.02	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	63.32	2.80	1.61	14.36	18.78	62.12	3.72	2.44	5.35	36.84		MTH ACT	30.31	20.12	5.14	4.58	9.59
CUM	2017-18	62.91	3.00	1.92	14.85	22.06	62.02	3.73	2.43	5.69	34.77	CUM	2017-18	29.62	18.71	5.61	6.55	10.17
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	62.60	3.48	1.93	4.67	24.64	62.88	3.14	1.76	2.36	42.43		MTH ACT	45.31	2.07	3.13	5.14	23.47
CUM	2017-18	62.64	3.10	2.06	11.55	24.83	62.57	3.17	2.00	2.94	39.52	CUM	2017-18	45.77	2.73	3.38	3.79	26.18
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	63.16	2.49	1.94	15.83	19.30	62.39	3.11	2.46	5.33	35.16
CUM	2017-18	63.01	2.79	1.93	16.15	22.09	62.17	3.35	2.53	5.80	33.97
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	64.56	1.61	1.54	6.52	12.74	64.54	2.19	1.49	3.70	30.43
CUM	2017-18	64.20	1.87	1.44	7.35	13.07	63.58	2.26	1.79	4.15	29.34
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	65.03	1.53	1.30	8.22	12.88	64.35	1.83	1.79	4.32	30.10
CUM	2017-18	64.47	1.59	1.36	10.71	12.40	63.29	2.17	2.24	4.50	30.04
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	63.99	2.01	1.69	7.83	13.97					
CUM	2017-18	63.99	1.81	1.58	6.52	13.42					
CUM	2016-17										

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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												MTH ACT					
CUM	2017-18	63.11	2.37	1.33	11.05	22.18	63.56	2.93	1.54	3.78	51.19	CUM	2017-18	30.40	16.20	4.40	38.20	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	62.85	3.08	1.77	9.15	15.03	64.38	2.23	1.29	1.47	56.72		MTH ACT					
CUM	2017-18	62.52	3.21	1.66	10.31	17.50	63.87	2.60	1.61	2.45	51.09	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
	MTH ACT	63.09	1.94	1.95	11.32	15.57	63.10	2.51	2.27	4.96	45.23
CUM	2017-18	62.70	2.46	1.83	13.07	16.05	62.89	2.76	2.19	5.61	40.55
CUM	2016-17	62.91	2.29	2.12	10.13	19.48	62.99	2.58	2.42	8.33	39.51

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40
	MTH ACT										
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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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	62.58	2.91	2.57	7.30	19.50	62.10	3.20	2.50				MTH ACT					
CUM	2017-18	62.46	2.85	2.54	14.84	20.76	62.12	3.11	2.55	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	62.46	3.13	2.52	7.40	16.70	62.20	3.11	2.47	11.00	18.00		MTH ACT					
CUM	2017-18	62.38	2.91	2.56	17.25	19.12	62.08	3.10	2.58	6.85	34.28	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	49.02	2.44	3.36		
CUM	2017-18											CUM	2017-18	48.94	2.86	3.60		
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		

KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40
	MTH ACT	63.57	2.02	2.01	6.80	15.20	63.09	2.17	2.11		
CUM	2017-18	63.31	2.08	2.07	10.34	16.94	62.94	2.29	2.15	6.70	28.50
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	63.30	2.20	2.30	15.00	13.00	62.40	2.60	2.70	7.00	34.00
CUM	2017-18	63.46	1.86	2.01	19.42	17.11	62.54	2.53	2.58	5.85	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

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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						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						63.77	2.23	2.22	4.81	47.62		MTH ACT					
CUM	2017-18						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	61.17	3.98	2.25	5.35	1.71	63.28	2.61	2.34	4.58	48.87		MTH ACT					
CUM	2017-18	62.35	3.54	2.47	27.49	7.58	62.91	2.88	2.81	6.39	49.97	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
	MTH ACT	62.98	2.43	3.01	26.92	9.10	62.27	3.56	3.45	7.64	40.35
CUM	2017-18	62.53	3.11	3.09	15.47	10.36	61.82	3.35	3.79	11.73	37.99
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
	MTH ACT	61.45	2.73	4.27	1.39	8.30					
CUM	2017-18	61.04	3.37	4.53	5.21	6.10	60.50	3.53	6.04	7.69	28.60
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
	MTH ACT										
CUM	2017-18	62.48	2.53	3.45	16.93	8.04	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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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						63.48	2.79	2.12	4.50	40.50		MTH ACT					
CUM	2017-18						62.89	3.50	2.21	7.27	33.14	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						63.63	3.89	1.38	4.40	43.30		MTH ACT					
CUM	2017-18						62.13	4.80	2.24	3.13	46.65	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	50.52	1.86	3.55	7.45	18.38
CUM	2017-18											CUM	2017-18	45.42	1.71	3.26	6.58	16.18
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

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40
	MTH ACT										
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

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	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								
Feb-18								
Mar-18								
CUMML	63.10	2.95	1.72	14.52	20.43	4.67	0.58	293589

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	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								
Feb-18								
Mar-18								
CUMML	62.91	3.00	1.92	14.85	22.06	4.92	0.64	425055

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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								
Feb-18								
Mar-18								
CUMML	62.38	3.31	2.36	9.68	30.02	5.67	0.71	729116

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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								
Feb-18								
Mar-18								
CUMML	62.02	3.73	2.43	5.69	34.77	6.16	0.65	849061

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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								
Feb-18								
Mar-18								
CUMML	63.01	2.79	1.93	16.15	22.09	4.72	0.69	498166

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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								
Feb-18								
Mar-18								
CUMML	62.64	3.10	2.06	11.55	24.83	5.16	0.66	151476

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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								
Feb-18								
Mar-18								
CUMML	62.17	3.35	2.53	5.80	33.97	5.88	0.76	595249

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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								
Feb-18								
Mar-18								
CUMML	62.57	3.17	2.00	2.94	39.52	5.17	0.63	398561

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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								
Feb-18								
Mar-18								
CUMML	62.70	2.46	1.83	13.07	16.05	4.29	0.74	636360

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	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								
Feb-18								
Mar-18								
CUMML	62.52	3.21	1.66	10.31	17.50	4.87	0.52	336130

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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								
Feb-18								
Mar-18								
CUMML	62.89	2.76	2.19	5.61	40.55	4.95	0.79	926752

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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								
Feb-18								
Mar-18								
CUMML	63.87	2.60	1.61	2.45	51.09	4.21	0.62	741080

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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								
Feb-18								
Mar-18								
CUMML	62.46	2.85	2.54	14.84	20.76	5.39	0.89	606508

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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								
Feb-18								
Mar-18								
CUMML	62.38	2.91	2.56	17.25	19.12	5.47	0.88	361709

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.75	2.53	2.44	15.74	20.43	4.97	0.96	54676
APP 17-18	62.50	2.70	2.60	10.00	10.00	5.30	0.96	
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								

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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								
Feb-18								
Mar-18								
CUMML	62.12	3.11	2.55	8.00	34.25	5.66	0.82	1227761

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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								
Feb-18								
Mar-18								
CUMML	62.08	3.10	2.58	6.85	34.28	5.68	0.83	897869

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.28	3.18	2.50			5.68	0.79	209772
APP 17-18	62.50	2.90	2.80	5.00	40.00	5.70	0.97	200000
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								

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	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								
Feb-18								
Mar-18								
CUMML	63.31	2.08	2.07	10.34	16.94	4.15	1.00	405775

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	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	63.46	1.86	2.01	19.42	17.11	3.87	1.08	14927

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	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								
Feb-18								
Mar-18								
CUMML	63.24	2.15	2.14	11.50	15.52	4.29	1.00	228378

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	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								
Feb-18								
Mar-18								
CUMML	62.94	2.29	2.15	6.70	28.50	4.44	0.94	409293

मनोहरपूर

फाईन्स

	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	5.85	30.75	5.11	1.02	39141

तल्डीह

फाईन्स

	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								

गणवत्ता :: बर्नपुर इस्पात संयंत्र

बोलानी

लम्प

	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								
Feb-18								
Mar-18								
CUMML	62.53	3.11	3.09	15.47	10.36	6.20	0.99	348551

गुआ

लम्प

	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								
Feb-18								
Mar-18								
CUMML	62.35	3.54	2.47	27.49	7.58	6.01	0.70	63873

मेघाहातुबुरु

फाईन्स

	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

गणवत्ता :: बर्नपुर इस्पात संयंत्र

बोलानी

फाईन्स

	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								
Feb-18								
Mar-18								
CUMML	61.82	3.35	3.79	11.73	37.99	7.14	1.13	855266

गुआ

फाईन्स

	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								
Feb-18								
Mar-18								
CUMML	62.91	2.88	2.81	6.39	49.97	5.69	0.98	898336

मनोहरपुर

लम्प

	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								
Mar-18								
CUMML	62.48	2.53	3.45	16.93	8.04	5.98	1.36	26370

गुणवत्ता :: बोकारो		लम्प						
BLEND	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								
Feb-18								
Mar-18								
CUMML	63.14	2.76	1.83	13.93	20.75	4.60	0.66	1592334

गुणवत्ता:: दुर्गापुर		लम्प						
BLEND	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								
Feb-18								
Mar-18								
CUMML	62.68	2.74	1.77	12.33	16.46	4.51	0.64	1010060

गुणवत्ता :: बोकारो		फाईन्स						
BLEND	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								
Feb-18								
Mar-18								
CUMML	62.34	3.34	2.33	6.25	33.62	5.67	0.70	2797701

गुणवत्ता:: दुर्गापुर		फाईन्स						
BLEND	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								
Feb-18								
Mar-18								
CUMML	63.34	2.73	1.92	4.18	45.44	4.64	0.70	1685820

		गुणवत्ता :: राउरकेला						
BLEND		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								
Feb-18								
Mar-18								
CUMML	62.77	2.56	2.37	13.82	18.66	4.93	0.92	1617297

गुणवत्ता :: बर्नपुर इस्पात संयंत्र								
लम्प								
BLEND	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								
Feb-18								
Mar-18								
CUMML	62.45	3.14	3.08	16.78	9.66	6.22	0.98	458534

		गुणवत्ता :: राउरकेला						
BLEND		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	
Dec-17	62.33	2.97	2.42			5.38	0.81	
Jan-18								
Feb-18								
Mar-18								
CUMML	62.24	2.97	2.50			5.46	0.84	2574064

गुणवत्ता :: बर्नपुर इस्पात संयंत्र								
फाईन्स								
BLEND	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								
Feb-18								
Mar-18								
CUMML	62.31	3.14	3.35	8.96	43.47	6.49	1.07	1928062

भवनाथपुर

गुणवत्ता :: 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					

गुणवत्ता :: बोकारो

तुलसीदामर

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	31.47	19.44	5.20	4.55	9.35
Nov-17					
Dec-17	30.31	20.12	5.14	4.58	9.59
Jan-18					
Feb-18					
Mar-18					
CUMML	29.62	18.71	5.61	6.55	10.17

कुटेश्वर

गुणवत्ता :: 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					
Feb-18					
Mar-18					
CUMML	45.77	2.73	3.38	3.79	26.18

गुणवत्ता :: 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	17.36
May-17	50.18	1.94	3.92	7.89	17.36
Jun-17	46.06	2.70	3.22	3.77	23.48
Jul-17	45.74	3.20	3.58	4.62	24.53
Aug-17	45.34	2.90	3.41	5.02	31.26
Sep-17	45.31	2.07	3.13	5.14	23.47
Oct-17	50.00	2.11	3.60	8.10	17.50
Nov-17	51.03	1.51	3.47	8.00	18.50
Dec-17	50.52	1.86	3.55	7.45	18.38
Jan-18					
Feb-18					
Mar-18					
CUMML	50.45	1.90	3.63	7.27	18.02

PROJ. NO.	CUMM. UTILIS UPTO Dec'17	MAKE / TYPE	CAP	DATE OF COMMISSION	DECEMBER 2017										2017-18									
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR
EXCAVATORS																								
BE-16	33713	BEML, BE-1000	4.5CU.M	24-Jun-05											3040	2972	8	68	60	2.2	88.2	2.0		
TH-17	23146	TELCON, EX-1200	5.9 CU.M	16-Apr-07	620	620									5520	5520								
BE-18	22660	BEML, BE-1000	4.5CU.M	31-Jul-08	620	620									5520	4225	525	1296	771	23.5	59.5	14.0	8.19	37.63
				SUB TOTAL	1240	1240									14080	12717	533	1364	831	9.7	60.9	5.9	7.59	34.91
EX-19	20319	KOMATSU PC2000-8	9.5 CU.M	14-Nov-11																				
EX-20	22299	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	13	344	607	263	97.90	43.33	42.42	4.92	69.20	5520	2422	1950	3098	1148	56.1	37.1	20.8	5.42	70.39
EX-22	9585	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620		372	620	248	100.00	40.00	40.00	7.58	68.15	5520	83	2201	5437	3236	98.5	59.5	58.6	5.47	67.04
EX-23	9916	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620		205	620	415	100.00	66.94	66.94	5.84	78.55	5520	273	1557	5247	3690	95.1	70.3	66.8	5.65	69.74
*EX-19 shifted to MIOM during July 16				SUB TOTAL	1860	13	921	1847	926	99.30	50.14	49.78	6.05	73.11	16560	2778	5708	13782	8074	83.2	58.6	48.8	5.54	68.75
				TOTAL	3100	1253	921	1847	926	59.58	50.14	29.87	6.05	73.11	30640	15495	6241	15146	8905	49.4	58.8	29.1	5.73	65.59
DUMPERS																								
DUMPER, 85 TE DUM-87	13945	BEML, BH-85	85Te	30-Mar-08	620	620									4900	3434	369	1466	1097	29.9	74.8	22.4	2.30	27.39
				TOTAL	620	620									4900	3434	369	1466	1097	29.9	74.8	22.4	2.30	27.39
DUM 88	28894	KOMATSU HD785-7	100 Te	23-Jul-10	620	199	210	421	211	67.90	50.12	34.03	3.90	44.79	4920	1420	1352	3500	2148	71.1	61.4	43.7	3.85	43.32
DUM 89	31365	KOMATSU HD785-7	100Te	23-Jul-10	620	108	229	512	283	82.58	55.27	45.65	4.19	42.05	4920	925	1683	3995	2312	81.2	57.9	47.0	3.80	49.71
DUM-91	17991	CAT 777D	100T	2-Feb-12	620	16	439	604	165	97.42	27.32	26.61	4.18	34.24	4920	555	3109	4365	1256	88.7	28.8	25.5	4.08	45.71
DUM-92	20831	CAT 777D	100T	2-Feb-12	620	58	398	562	164	90.65	29.18	26.45	2.77	34.45	5520	4292	827	1228	401	22.2	32.7	7.3	3.06	35.32
DUM-93	6222	BEML BH-100	100T	2-May-15	620	12	370	608	238	98.06	39.14	38.39	3.66	32.98	5520	365	3470	5155	1685	93.4	32.7	30.5	4.06	45.30
DUM-94	3680	BEML BH-100	100T	2-May-15	620	20	418	600	182	96.77	30.33	29.35	4.69	48.02	5520	2717	1866	2803	937	50.8	33.4	17.0	4.01	47.80
DUM-95	3415	BEML BH-100S	100T	May 2016	620		504	620	116	100.00	18.71	18.71	6.05	57.33	5520	464	2647	5056	2409	91.6	47.6	43.6	3.53	45.63
				TOTAL	4340	413	2568	3927	1359	90.48	34.61	31.31	4.10	41.13	36840	10738	14954	26102	11148	70.9	42.7	30.3	3.81	45.80
DRILL																								
DM-17	21675	IR-ROTACOL-IDM-30	160mm	24-Mar-05	496	220	171	276	105	55.65	38.04	21.17		45.24	4416	3101	810	1315	505	29.8	38.4	11.4	5.17	57.39
DM-18	23826	AC-ROTACOL-IDM-30	160mm	19-May-08	496	339	87	157	70	31.65	44.59	14.11		25.00	4416	3071	646	1345	699	30.5	52.0	15.8		49.79
DM-19	18768	AC-ROTACOL-IDM-30	160mm	14-Oct-09	496	496									4416	4416								
DM-20	8815	AC-ROTACOL-IDM-30	160mm	Oct '14	496	57	207	439	232	88.51	52.85	46.77		25.22	4416	692	1364	3724	2360	84.3	63.4	53.4	5.63	41.98
				TOTAL	1984	1112	465	872	407	43.95	46.67	20.51		30.34	17664	11280	2820	6384	3564	36.1	55.8	20.2	4.46	45.69
DOZER																								
DOZ-27	31534	BEML, D-355	410HP	15-May-01	496	312	143	184	41	37.10	22.28	8.27		8.54	4416	1209	1891	3207	1316	72.6	41.0	29.8		23.35
DOZ-28	23689	BEML, D-355	410HP	14-May-04	496	310	168	186	18	37.50	9.68	3.63		77.78	4416	4230	168	186	18	4.2	9.7	0.4		147.22
DOZ-29	18367	BEML, D-355	410HP	11-Jun-04	496	496									4416	4416								
DOZ-30	18190	BEML, D-355	410HP	8-Jul-07	496	85	309	411	102	82.86	24.82	20.56		39.22	4416	780	2400	3636	1237	82.3	34.0	28.0		35.99
DOZ-31	16431	BEML, D-355	410 HP	19-Feb-09	496	15	349	481	132	96.98	27.44	26.61			4416	457	2567	3960	1393	89.7	35.2	31.5		34.83
DOZ-32	4206	BEML, D-355	410 HP	17-Apr-15	496	496									4416	1870	1395	2547	1152	57.7	45.2	26.1		42.02
DOZ-33		BEML, D-356	410HP	22-Sep-17	496	96	227	400	173	80.65	43.25	34.88		29.77	1616	117	788	1499	711	92.8	47.4	44.0		35.72
				TOTAL	2976	1714	969	1262	293	42.41	23.22	9.85		41.64	26496	13078	8421	13418	4998	50.6	37.2	18.9		34.97
PAY LOADER																								
FEL-4	7842	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248	16	153	232	79	93.55	34.05	31.85		19.62	2208	929	744	1279	535	57.9	41.8	24.2		16.41
MG-6	14317	BEML, GD-605R2	145 HP	9-Oct-87											240			240	240	100.0	100.0	100.0		
MG-7	6660	BEML, BG 825	280HP	10-Jul-91	248	248									2208	2208								
MG-8	3285	BEML, BG825	280HP	19-May-12	248	40	188	208	20	83.87	9.62	8.06		22.50	2208	1427	574	781	207	35.4	26.5	9.4		23.19
				TOTAL	496	288	188	208	20	41.94	9.62	4.03		22.50	4656	3635	574	1021	447	21.9	43.8	9.6		10.74

MEGHAHATUBURU IRON ORE MINES

PROJ. NO.	CUMM. UTILIS. UPTO Dec'17	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	December'2017										2017-2018											
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD/HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT% net	Oprm UT %	FEED RATE / Hr.	HSD/HR		
EXCAVATORS																										
4.5 CUM.																										
BE-11	35824	BEML	4.5 CUM	30-09-2005	744	558	75	186	111	25.00	14.92	59.68	1.89	24.77	6600	4329	1727	2272	545	34.42	8.25	23.97	2	31.07		
4.5 CUM				TOTAL	744	558	75	186	111	25.00	14.92	59.68	1.89	24.77	6600	4329	1727	2272	545	34.42	8.25	23.97	2	31.07		
9.5 CUM.																										
PC-14	27323	KOMATSU	9.5 CUM	20-01-2012	744	311	165	433	268	58.20	36.02	61.89	10.65	74	6600	2132	1816	4469	2653	67.70	40.20	59.37	14	75.54		
PC-17	10903	KOMATSU	9.5 CUM	24-07-2015	744	100	302	644	342	86.56	45.97	53.11	13.09	75	6600	1393	2035	5208	3173	78.90	48.08	60.93	14	76.93		
PC-18	24579	KOMATSU	9.5 CUM	11-07-2016	744	170	184	574	390	77.15	52.42	67.94	13.14	76	6600	1624	2138	4977	2839	75.40	43.02	57.05	14	77.49		
9.5 CUM				TOTAL	2232	581	651	1651	1000	73.97	44.80	60.57	12.46	75	19800	5148	5988	14653	8665	74.00	43.78	59.14	14	76.69		
DUMPER,50 TE																										
D - 49	27463	BEML	50 TON	05-03-2007	744	744								#DIV/0!	#DIV/0!	#DIV/0!	6600	5196	1372	1404	33	21.27	0.49	2.31	2	20.00
D - 50	23879	BEML	50 TON	15-04-2007	744	744								#DIV/0!	#DIV/0!	#DIV/0!	6600	6476	101	125	24	1.89	0.36	19.28	3	25.00
50 TON				TOTAL	1488	1488								#DIV/0!	#DIV/0!	#DIV/0!	13200	11672	1472	1529	57	11.58	0.43	3.70	2	22.12
DUMPER,100 TE																										
D - 51	24504	KOMATSU	100 TON	01-09-2010	744	122	176	623	447	83.67	60.08	71.81	3.91	34.00	6600	2658	1344	3943	2599	59.73	39.37	65.91	4	33.83		
D - 52	26521	KOMATSU	100 TON	01-09-2010	744	711	10	33	23	4.44	3.09	69.70	4.13	34.78	6600	2330	1490	4270	2781	64.70	42.13	65.12	4	34.96		
D - 53	25770	KOMATSU	100 TON	01-09-2010	744	429	103	315	213	42.34	28.56	67.46	3.51	34.59	6600	3063	1371	3538	2167	53.60	32.83	61.26	4	35.51		
D - 54	13888	CATER	100 TON	06-02-2012	744	93	547	651	105	87.50	14.05	16.05	4.17	35.41	6600	1852	3945	4749	804	71.95	12.17	16.92	4	38.77		
D - 55	15818	CATER	100 TON	06-02-2012	744	99	425	645	220	86.69	29.57	34.11	3.72	34.77	6600	1504	3573	5097	1524	77.22	23.08	29.89	4	38.30		
D - 56	3843	BEML	100 TON	09-05-2016	744	107	282	637	355	85.62	47.72	55.73	3.46	35.63	6600	1474	2804	5126	2323	77.67	35.19	45.31		38.75		
D - 57	4264	BEML	100 TON	09-05-2016	744	122	273	623	350	83.67	47.04	56.22	3.60	35.57	6600	1630	2227	4970	2744	75.30	41.57	55.20		35.34		
100 TON				TOTAL	5208	1682	1814	3526	1712	67.70	32.87	48.55	3.70	34.93	46200	14509	16752	31691	14939	68.60	32.34	47.14	4	36.05		
DRILL																										
DM - 7	23061	IR	6 " DIA	01-04-2005	372	174	36	198	162	53.23	43.55	81.82		29.94	3300	1282	885	2019	1134	61.17	34.36	56.18	3	32.54		
DM - 8	19056	IR	6 " DIA	05-05-2008	372	104	37	268	232	72.04	62.23	86.38		29.81	3300	1550	610	1751	1141	53.05	34.56	65.15	9	31.96		
DM - 9	17715	IR	6 " DIA	16-09-2009	372	372							#DIV/0!	#DIV/0!	#DIV/0!	3300	1322	692	1979	1287	59.95	38.98	65.02	12	32.45	
DM - 10	8810	IR	6 " DIA	06-11-2014	372	42	44	330	287	88.71	77.02	86.82		29.49	3300	537	532	2763	2232	83.73	67.62	80.76	12	32.65		
3				TOTAL	1488	692	116	796	680	53.49	45.70	85.43		29.71	13200	4690	2718	8511	5793	64.47	43.88	68.06	10	32.45		
DOZER																										
DOZ-21	13271	BEML	410 HP	04.11.05	744	744								#DIV/0!	6600	6600				-	-					
DOZ-22	20937	BEML	410 HP	01-01-2007	744	192	176	552	376	74.19	50.54	68.12		21.94	6600	2581	2178	4020	1842	60.90	27.90	45.81		22.75		
DOZ-23	19081	BEML	410 HP	02-10-2008	744	344	160	400	240	53.76	32.26	60.00		21.25	6600	3776	1511	2825	1314	42.80	19.91	46.52		25.11		
DOZ-24	15247	BEML	410 HP	06-04-2010	744	344	144	400	257	53.76	34.48	64.13		21.25	6600	2838	1615	3763	2148	57.01	32.54	57.08		23.63		
DOZ-25	7543	BEML	410 HP	28-12-2010	744	744								#DIV/0!	6600	6600				-	-	#DIV/0!				
DOZ-26	14450	BEML	410 HP	16-05-2011	744	403	113	341	229	45.83	30.71	67.01		21.66	6600	3190	1500	3411	1911	51.67	28.95	56.02		23.79		
DOZ-27	7530	BEML	410 HP	28-04-2015	744	427	72	317	246	42.61	33.00	77.44		21.18	6600	2205	1673	4396	2723	66.60	41.25	61.94		24.15		
6				TOTAL	5208	3198	664	2010	1347	38.59	25.85	66.99		21.50	46200	27788	8477	18413	9936	39.85	21.51	53.96		23.84		
PAY LOADER																										
PL - 03	3985	HYUNDAI	3.7 CU.M	18-09-2012	744	744								#DIV/0!	#DIV/0!	6600	6600				-	-				
				TOTAL	744	744								#DIV/0!	#DIV/0!	6600	6600				-	-				
BACK HOE																										
BE-12A	19958	BEML	1.2 CUM	Nov'08	744	390	179	354	176	47.58	23.59	49.58		19.09	6600	2737	2367	3863	1496	58.53	22.67	38.73		19.41		
HT-15	16310	TCECL	1.5 CUM	03.10.2012	744	135	146	609	464	81.85	62.30	76.11		19.33	6600	1817	1944	4784	2840	72.48	43.03	59.37	0	18.82		
HT-16	8801	TCECL	1.5 CUM	01-12-2014	744	345	163	400	237	53.70	31.79	59.20	0.03	19.66	6600	3142	1663	3458	1796	52.39	27.20	51.92	0	20.83		
5				TOTAL	2232	870	487	1363	876	61.04	39.22	64.26	0.01	19.37	19800	7696	5973	12105	6132	61.13	30.97	50.65	0	19.55		

PROJ. NO.	CUMM. UTILIS. UPTO DEC'17	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	DECEMBER 2017										2017-18											
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR	
EXCAVATORS																										
EX-25	33140	BEML PC-1000(D)	4.5 CuM	21-Jun-04	744	328	416	416	1	55.91	0.12	0.07		1500.00	6600	1266	4331	5334	1003	80.82	18.80	15.19	3129	3.12	17.82	
EX-26	30021	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744	308	434	436	2	58.60	0.46	0.27		100.00	6600	1645	4301	4955	654	75.08	13.20	9.91	358	0.55	11.51	
				SUB TOTAL	1488	636	850	852	3	57.26	0.29	0.17		380.00	13200	2911	8632	10289	1657	77.95	16.10	12.55	3487	2.10	15.33	
EX-28	14671	BE-1600	7.5 Cu.m	22-Jun-10	744	206	528	539	11	72.38	2.00	1.44			6600	3375	2606	3226	620	48.87	19.21	9.39	363	0.59	13.66	
EX-29	23335	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	30	677	714	37	95.97	5.22	5.01	4.99	110.07	6600	630	4636	5970	1334	90.46	22.34	20.21	5467	4.10	46.41	
EX-30	10397	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	34	339	711	372	95.50	52.33	49.98	5.26	69.02	6800	475	2732	6125	3393	92.80	55.40	51.41	17827	5.25	61.22	
EX-31	8635	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	15	329	729	400	97.86	54.86	53.74	5.02	72.00	6600	456	2815	6144	3329	93.09	54.19	50.44	16953	5.09	59.99	
				SUB TOTAL	2976	284	1872	2692	820	90.45	30.45	27.54	5.06	71.43	26400	4936	12789	21464	8675	81.30	40.42	32.86	40610	4.68	55.07	
				TOTAL	4464	920	2722	3644	822	79.39	23.20	18.42	5.05	72.37	39600	7847	21421	31753	10332	80.19	32.54	26.09	44097	4.27	48.70	
DUMPER,50 TE																										
HP-27	19282	BEML HP-210M	50 T	09-Sep-03	744	520	224	224.50	0.50	30.17	0.22	0.07		680.00	6600	1620	3957	4980	1023	75.45	20.55	15.50	3049	2.98	9.97	
HP-30	17270	C.I.773D(I)	50 T	01-Mar-06	744	392	335	352.00	17.20	47.31	4.89	2.31			6600	4871	1469	1730	261	26.20	15.06	3.95	56	0.21	7.10	
HP-31	15700	BEML BH-50M	50 T	06-Mar-08	744	744									6576	6576										
HP-32	22299	BEML BH-50M	50 T	06-Mar-08	744	544	200	200.00		26.88					6600	4636	1673	1964	292	29.76	14.85	4.42	226	0.77	7.58	
				TOTAL	2976	2200	759	776.50	17.70	26.09	2.28	0.59		19.21	27864	17702	7098	10162	3063	36.47	30.15	10.99	3331	1.09	4.66	
DUMPER,100 TE																										
HP-32A	25629	KOMATSU HD785-7	100 T	22-Jun-10	744	292	202	452.00	249.75	60.75	55.25	33.57	3.08	41.89	6600	2899	1650	3701	2051	56.08	55.41	31.07	5441	2.65	30.78	
HP-34	25233	KOMATSU HD785-7	100 T	22-Jun-10	744	159	244	585.25	341.67	78.66	58.38	45.92	2.94	40.76	6600	1439	2363	5161	2798	78.20	54.22	42.40	7272	2.60	33.13	
HP-35	15097	BEML BH-100	100 T	22-Jun-10	744	728	16	16.00		2.15					6600	2354	3179	4246	1067	64.33	25.13	16.17	1474	1.38	23.58	
HP-36	11061	BEML BH-100	100 T	22-Jun-10	744	334	346	410.00	64.08	55.11	15.63	8.61	2.37	62.28	6600	6088	461	533	71	8.07	13.35	1.08	184	2.59	62.35	
HP-37	16648	CAT 777D	100 T	25-Jan-12	744	298	229	446.25	217.67	59.98	48.78	29.26	2.63	39.84	6600	4218	1450	2382	932	36.09	39.13	14.13	1921	2.06	24.68	
HP-38	5928	BEML BH-100S	100 T	03-May-16	744	143	345	600.75	256.00	80.75	42.61	34.41	2.89	41.54	6600	1204	2728	5396	2668	81.76	49.45	40.43	7241	2.71	32.22	
HP-39	5069	BEML BH-100S	100 T	03-May-16	744	114	352	630.00	278.08	84.68	44.14	37.38	2.82	40.99	6600	1711	2530	4889	2358	74.07	48.24	35.73	5695	2.41	30.61	
HP-40	4993	BEML BH-100S	100 T	03-May-16	744	521	177	223.25	46.00	30.01	20.60	6.18	2.83	45.50	6600	1920	2523	4680	2157	70.91	46.09	32.68	5474	2.54	30.00	
				TOTAL	5952	2589	1910	3363.50	1453.25	56.51	43.21	24.42	2.86	42.10	52800	21812	16885	30988	14103	58.69	45.51	26.71	34702	2.46	30.58	
DRILL																										
DM-11	14879	AC-ROTACOL-IDM-30	160mm	14-Feb-08	496	67	272	429.00	157.25	86.49	36.66	31.70	11.33	29.39	4400	757	2842	3643	801	82.79	21.98	18.20	5685	7.10	15.60	
DM-12	16208	AC-ROTACOL-IDM-30	160mm	12-Aug-09	496	194	241	302.00	61.25	60.89	20.28	12.35	16.00	29.68	4488	1076	1867	3412	1545	76.03	45.28	34.43	14068	9.11	22.25	
DM-12A	14069	AC-ROTACOL-IDM-30	160mm	22-Mar-11	496	110	335	386.00	51.00	77.82	13.21	10.28	11.47	50.02	4416	960	2519	3456	937	78.26	27.10	21.21	6659	7.11	19.78	
DM-14	6703	AC-ROTACOL-IDM-30	160mm	19-Nov-14	496	122	192	374.00	182.25	75.40	48.73	36.74	10.14	30.68	4480	771	1772	3709	1938	82.80	52.24	43.26	20355	10.50	23.05	
				TOTAL	1984	493	1039	1491.00	451.75	75.15	30.30	22.77	11.50	32.28	17784	3564	9000	14220	5220	79.96	36.71	29.35	46767	8.96	21.08	
DOZER																										
DOZ-21	20029	BEML BD355	410 HP	10-May-04	616	616									5808	5728	80	80		1.38						
DOZ-22	13628	BEML BD355	410 HP	06-Jul-07	496	168	275	328.00	52.75	66.13	16.08	10.64		29.57	4504	474	2991	4031	1039	89.49	25.78	23.07			30.34	
DOZ-23	9999	BEML BD355	410 HP	27-Aug-08	496	197	254	299.00	45.00	60.28	15.05	9.07		78.44	5000	3509	1221	1491	270	29.82	18.10	5.40			49.36	
DOZ-24	11447	BEML BD355	410 HP	09-Mar-10	712		638	712.00	73.70	100.00	10.35	10.35		60.11	4768	724	2672	4045	1373	84.83	33.94	28.79			30.83	
DOZ-25	10384	BEML BD355	410 HP	09-Mar-10	616	608		8.00	8.00	1.30	100.00	1.30			5568	4449	858	1119	260	20.09	23.28	4.68			32.74	
DOZ-26	6711	BEML BD355	410 HP	03-May-14	496	97	235	399.50	164.25	80.54	41.11	33.11		30.06	4408	1161	1771	3247	1476	73.66	45.47	33.49			29.52	
DOZ-27	5602	BEML BD355	410 HP	03-May-14	512	127	289	385.00	96.25	75.20	25.00	18.80		39.15	5960	4219	1216	1741	525	29.21	30.18	8.81			29.90	
DOZ-28	3616	BEML BD356	410 HP	26-Apr-16	744		525	744.00	219.40	100.00	29.49	29.49		49.46	6592	899	4350	5693	1343	86.36	23.58	20.37			44.23	
				TOTAL	4888	1813	2216	2875.50	659.35	61.34	22.93	14.06		44.10	42608	21163	15159	21446	6286	50.33	29.31	14.75			34.10	
PAY LOADER																										
PL-20	12794	Kawasaki, 90Ziv-2	256 HP	26-Aug-09	744	656	88	88.00		11.83					6600	5068	1509	1532	23	23.21	1.51	0.35			90.86	
PL-22	10667	Hyundai-hi770-7A	280 HP	26-May-10	744	744									6600	2880	3052	3720	668	56.36	17.95	10.12			16.73	
PL-23	6372	Kawasaki, 90ZV	257 HP	07-Oct-15	744		485	744.00	259.00	100.00	34.81	34.81		24.97	6600	96	4548	6504	1956	98.55	30.07	29.63			16.25	
				TOTAL	2232	1400	573	832.00	259.00	37.28	31.13	11.60		26.85	19800	8044	9109	11756	2647	59.37	22.51	13.37			17.03	

PERFORMANCE REPORT OF HEMM

BARSUA MINES



SAIL-RMD

PROJ. NO.	CUMM. UTILIS. UPTO Dec '17	MAKE / TYPE	CAP	DATE OF COMMISSION	DECEMBER 2017										2017-18										
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR
EXCAVATORS																									
EX-20	24958	BEML,BE-1000	4.5 CuM	Mar-04	208	17	186	191	5	91.83	2.62	2	3.40	90.00	1848	663	1069	1185	117	64.12	9.83	6.30	446	3.83	63.09
EX-21	17442	TELCON,1200V-1018	5.9 CuM	28-May-07	208	6	172	202	30	97.12	14.85	14	6.37	56.67	1848	1273	452	575	124	31.11	21.48	6.68	576	4.66	42.11
EX-22	18284	BEML,BE-1000	4.5 CuM	22-Dec-08	416	32	322	384	62	92.31	16.15	15	3.40	33.06	3392	475	2095	2918	823	86.01	28.21	24.26	214	0.26	37.12
EX-23	15805	BEML, BE-1000	4.5CuM	18-Feb-10	416	416									3392	2716	447	676	229	19.93	33.88	6.75			51.39
EX-24	10966	BEML, BE-1600	7.5CuM	04-Aug-11	208	41	88	167	79	80.29	47.31	38	2.59	29.11	1024	677	268	347	79	33.89	22.77	7.71	205	2.59	50.00
* EX 22 & 23 are being utilised at Taldih, EX-24 Engine sent to GOM				TOTAL	1456	512	768	944	176	64.84	18.64	12.09	3.54	36.93	11504	5804	4330	5701	1371	49.55	24.05	11.92	1441	1.05	42.90
DUMPER,50 TE																									
HPD-87	26303	BEML,210M	50T	Apr-2000	208	112	96	96		46.15					1920	189	1596	1732	136	90.18	7.83	7.06	73	0.54	17.53
HPD-90	16402	BEML,210M	50T	APR'05	624	18	606	606		97.12					5568	187	5371	5382	11	96.65	0.20	0.20			34.09
BH-93 (WT)	23350	BEML,210M	50T	21-Feb-08	264	4	226	260	34	98.48	13.08	12.88	1.97	32.35	2048	145	1731	1903	173	92.92	9.06	8.42	271	1.57	23.57
BH-94	22180	BH-50 M	50T	22-Dec-08	416	8	373	408	35	98.08	8.58	8.41	0.09	15.71	2080	102	1818	1979	161	95.12	8.14	7.74	178	1.11	19.57
BH-95	29101	BH-50 M	50T	6-Feb-09	208	7	158	201	43	96.63	21.39	20.67	2.74	25.12	2768	342	1757	2426	669	87.64	27.58	24.17	397	0.59	16.40
BH-96	24886	BH-50 M	50T	20-Aug-09	368	6	347	362	15	98.37	4.14	4.08	1.40	20.00	3104	889	1802	2215	414	71.36	18.67	13.32	53	0.13	18.04
BH-99 (@ MIOM-13809)	8254	BH-50 M	50T	01.04.05 MIOM 20.02.2014 BIM	208	24	172	184	12	88.46	6.52	5.77	2.83	27.50	2864	399	1820	2465	646	86.07	26.19	22.54	708	1.10	17.99
* BH-95, 96 & 99 are being utilised at Taldih				TOTAL	2296	179	1978	2117	139	92.20	6.57	6.05	1.75	25.40	20352	2252	15893	18101	2208	88.94	12.20	10.85	1680	0.76	18.12
DUMPER,100 TE																									
BH-97	8593	BEML,BH-100	100 T	4-Aug-11	208	8	200	200		96.15					1848	15	1833	1833		99.19					
BH-98	7919	BEML,BH-100	100 T	04-Aug-11	208	2	185	206	21	99.04	10.19	10.10	3.43	52.38	1848	18	1802	1831	29	99.05	1.58	1.57	89	3.07	70.89
				TOTAL	416	10	385	406	21	97.60	5.17	5.05	3.43	52.38	3696	33	3635	3664	29.00	99.12	0.79	0.78	89	3.07	70.89
DRILL																									
DM-7	23425	AC - IDM-30	160mm	29-Jan-98	208	152	56	56		26.92					1848	650	1034	1198	165	64.83	13.73	8.90	210	1.28	13.04
DM-9	9381	AC - IDM-30	160mm	30-Sep-09											608	118	450	490	40	80.59	8.16	6.58	870	21.75	43.88
DM-10	4006	AC - IDM-30	160mm	15-Jan-15	416	86	229	330	101	79.33	30.61	24.28		27.72	3192	807	1417	2385	969	74.72	40.61	30.34			29.66
* DM-10 is being utilised at Taldih				TOTAL	624	238	285	386	101	61.86	26.17	16.19		30.69	5648	1575	2900	4073	1173	72.11	28.80	20.77	1080	0.92	27.82
DOZER																									
TR-35 (B/V)	12935	BEML,D-155A	320 HP	11.01.98				624	624	100.00	100.00	100.00			624			624	624	100.00	#####	100.00			
TR-36 (B/V)	13921	BEML,D-155A	320 HP	23-Apr-05	624	624		24	24	3.70	100.00	3.70			5568	5544		24	24	0.43	#####	0.43			
TR-37	13729	BEML,D-155A	320 HP	22-Jun-07	648	88	249	328	79	78.85	24.09	18.99		5.57	5336	252	4947	5085	138	95.29	2.71	2.59			13.48
TR-38	14787	BEML, D-355	410 HP	16-Feb-10	416	52	156	253	97	121.63	38.34	46.63		38.66	2688	509	1521	2180	659	81.08	30.21	24.50			30.33
TR-39	9576	BEML, D-355	410 HP	10-Apr-12	208	6	164	202	38	97.12	18.81	18.27		15.79	2352	412	1611	1940	330	82.48	16.98	14.01			30.27
TR-40	6683	BEML, D-355	410 HP	6-May-14	208	9	178	199	21	9.46	10.55	1.00		38.10	3744	112	1568	3632	2065	97.01	56.84	55.14			4.04
* TR-38 is being utilised at Taldih				TOTAL	2104	779	747	1325	578	62.98	43.62	27.47		9.67	20312	6828	9646	13484	3839	66.38	28.47	18.90			10.46
PAY LOADER																									
FEL-6	9075	L&T KOMAT. WA-470-3	260 HP	21-Jan-09																					
FEL-7	6388	HYUNDAI	280 HP	27-Aug-11	624	20		604	604	96.79	100.00	96.79			5264	199	4250	5065	816	96.22	16.10	15.49			6.04
FEL-6 Shifted to Gua on 15.12.2015				TOTAL	624	20		604	604	96.79	100.00	96.79			5264	199	4250	5065	816	96.22	16.10	15.49			6.04

PERFORMANCE REPORT OF HEMM

GUA ORE MINES

	CUMM. UTILIS. UPTO DEC'17	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	DECEMBER 2017										2017-2018										
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD/HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD/HR
EXCAVATOR																									
> 4.5 CuM																									
D-12	8962	BE 1600	7.5 CuM	16-Feb-11	744	744					#DIV/0!				5856	5437	344	420	76	7.16	18.12	1.30	191	2.51	66.45
D-12A	17844	BE 1000(D)	4.5 CuM	27-Apr-08	744	103	438	641	203	86.16	31.67	27.28		26.48	5856	865	3725	4991	1266	85.23	25.37	21.62	2248	1.78	31.02
D-14	20313	KOMATSU	9.5 CuM	06-Apr-12	744	111	380	633	253	85.08	39.97	34.01		64.23	5856	864	2471	4992	2522	85.25	50.51	43.06	10344	4.10	64.25
D-15	13645	KOMATSU	9.5 CuM	31-Aug-15	744	88	54	656	602	88.17	91.77	80.91		76.00	5856	681	1286	5175	4492	88.37	75.16	66.42	24056	6.18	83.35
TOTAL					2976	1046	872	1930	1058	64.85	54.82	54.82	4.91	63.68	23424	7846	7825	15578	8355	66.50	53.63	53.63	36839	4.41	63.50
DUMPER,50 TE																									
R/D-85	18509	BEML-BH-50M	50 Te	Mar- 08	744	744					#DIV/0!				6600	4103	1992	2497	505	37.83	20.22	7.65	366	0.72	19.48
R/D-86	19728	BEML-BH-50M	50Te	Sep-08	744	27	640	717	77	96.37	10.74	10.35	1.00	32.60	6600	1646	4270	4954	685	75.06	13.82	10.37	1559	2.28	42.40
R/D-87	17395	BEML-BH-50M	50Te	Dec-08	744	744					#DIV/0!				6600	4849	1609	1751	143	26.53	8.14	2.16	106	0.74	43.58
3					744	88	640	717	77	96.37	10.74	10.35	1.00	32.80	19800	10598	7870	9202	1332	46.47	14.48	6.73	2031	1.52	33.83
DUMPER,100 TE																									
R/D-88	21695	KOMAT.HD785-7	100 T	10-Sep-10	744	70	292	674	382	90.59	56.68	51.34	3.10	72.67	6600	3170	884	3430	2547	51.97	74.24	38.58	7289	2.86	60.33
R/D-89	21176	KOMAT.HD785-7	100 T	10-Sep-10	744	63	347	681	334	91.53	49.05	44.89	3.72	65.16	6600	2167	1511	4433	2923	67.17	65.93	44.28	9105	3.12	64.49
R/D-90	16082	CAT 777D	100 T	25-Jan-12	744	271	388	473	85	63.58	17.97	11.42	8.51	52.24	6600	1792	2391	4809	2418	72.86	50.29	36.64	8982	3.71	57.01
R/D-91	11541	CAT 777D	100 T	25-Jan-12	744	376	260	368	108	49.46	29.35	14.52	3.55	66.89	6600	5796	457	804	347	12.18	43.16	5.26	1259	3.63	70.55
R/D-92	7432	BEML- BH 100	100 T	27-May-15	744	111	329	633	304	85.08	48.03	40.86	4.03	76.07	6600	2554	1460	4047	2587	61.31	63.93	39.20	9019	3.49	69.79
R/D-93	5292	BEML - BH 100	100 T	10-Jun-15	744	455	193	289	96	38.84	33.22	12.90	4.53	73.65	6600	3174	1722	3426	1704	51.91	49.74	25.82	5962	3.50	62.45
4					4484	1346	1809	3118	1309	69.85	41.98	29.32	3.97	69.81	39600	18652	8423	20948	12525	62.90	59.79	31.63	41616	3.32	63.18
DRILL																									
DM-10	14767	IR-ROTACOL-IDM-30	160mm	Feb- 04	496	185	240	311	71	62.70	22.83	14.31	22.07	39.79	4400	3538	594	863	269	19.60	31.13	6.10	3498	13.03	37.37
DM-12A	6976	AC-ROTACOL-IDM-30	160mm	Sep-08	496	112	226	384	158	77.42	41.15	31.85	6.91	35.28	4400	1794	1502	2606	1104	59.23	42.36	25.09	11736	10.63	31.95
DM-14	13582	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	496	496					#DIV/0!				4400	2489	1240	1911	672	43.43	35.14	15.26	4655	6.93	17.27
DM-15	4774	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	496	204	212	292	80	58.87	27.40	16.13	24.95	40.00	4400	1921	1396	2479	1083	56.34	43.69	24.61	20251	18.70	41.21
3					1984	897	678	987	309	49.75	31.31	15.57	15.06	37.54	17600	9742	4732	7859	3127	44.65	39.79	17.77	40140	12.84	32.47
DOZER																									
DOZ-21	16216	BEML D-355	410 HP	May- 03	496	480	2	16	15	3.23	90.63	2.92		48.28	4640	2935	868	1706	838	36.76	49.11	18.05			26.73
DOZ-22	15502	BEML D-355	410 HP	Feb-04	496	289	26	207	181	41.73	87.44	36.49		25.91	4640	2867	320	1773	1454	38.21	81.98	31.33			26.65
DOZ-23	13925	BEML D-355	410 HP	May-08	496	260	14	236	222	47.58	94.07	44.76		23.24	4640	1856	737	2784	2047	60.00	73.53	44.12			21.27
DOZ-24	9752	BEML D-355	410 HP	Sep-08	496	496					#DIV/0!				4400	3505	218	895	678	20.34	75.70	15.40			40.82
DOZ-25	7120	BEML D-355	410 HP	25-Apr-14	496	401	64	95	31	19.15	32.63	6.25		158.87	4400	1681	1224	2720	1496	61.81	55.01	34.00			28.46
DOZ-26	4607	BEML D-355	410 HP	08-Sept-17	496	69					256				1824	441	526	1383	858	75.82	62.00	47.01			40.66
6					2976	1995	106	554	705	18.62	127.17	23.67		37.65	25520	14260	3891	11260	7369	44.12	65.44	28.88			28.46
PAY LOADER																									
PL-5	11192	HM-2071	4.6	Apr- 03	744	744					#DIV/0!				6600	6600									
PL-6	14069	L&T KOMAT.WA-470-3	260 HP	22-Jan-09	744	676		68	68	9.14	100.00	9.14		9.56	6600	2937	1582	3663	2082	55.50	56.83	31.54	39	0.02	12.27
PL-7	8957	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	744	191	2	553	551	74.33	99.64	74.06		7.19	6600	5795	118	806	688	12.20	85.35	10.42			8.46
PL-8	4769	Hyundai-hi770-7A	280 HP	01-Jun-10	744	744					#DIV/0!				6600	6600									
PL-9	1543	KOMATSU	2.9	16-Dec-15	744	706	10	38	28	5.11	73.68	3.76		57.14	6600	2405	2653	4196	1543	63.57	36.77	23.37	79	0.05	11.81
* NOTE : PL-9 BROUGHT FROM BIM					3720	3061	12	659	847	17.72	98.18	17.39		9.60	33000	24336	4353	8664	4312	26.26	49.76	13.07	118	0.03	11.50
BACK HOE-02	8939	BEMLBE-300LC	1.2 CU.M	May-09	744	176	374	569	195	76.41	34.21	26.14		11.31	6104	1588	2341	4516	2175	73.98	48.16	35.63			8.74
BACK HOE-03	1253	BEMLBE-300LC	1.25 CU.M	25-Sep-13	744	460	62	284	223	38.17	78.35	29.91		13.44	6104	4451	401	1653	1252	27.08	75.74	20.51			8.42
TOTAL					1488	636	436	853	417	67.29	48.91	28.02		12.45	12208	6039	2742	6169	3427	50.53	55.55	28.07			8.62

EQUIPMENT AVAILABILITY & UTILISATION
Dec-17

UNIT IN %

EQPMT TYPE		NORM		KIRIBURU				MEGHAHATUBURU				BOLANI				TALDIH				GUA			
				MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM	
		AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT
DRILL	150 mm	70	70	44	47	38	54	53	46	64	44	75	30	80	37	79	31	76	41	50	31	45	40
SHOVEL	HYD(D) <4.6 m3	70	75			15	66	25	15	34	8	57	1	78	16	46	16	53	29	86	32	85	22
	HYD(D) >4.6 m3	85	80	99	50	86	57	74	45	44	59	90	30	81	40					87	65	60	47
	HYD(E)	70	70																				
DUMPER	85 tn	65	75			33	85																
	50 tn	70	80							12	1	26	2	34	18	99	6	86	25	32	11	46	15
	100 tn	85	80	90	35	71	42	68	33	69	32	57	43	59	46					70	42	53	60
DOZER		70	70	42	23	53	36	39	26	40	22	61	23	51	30	88	31	84	33	33	72	44	65
CRUSHING PLANT		85	85					95	62	89	55	85	50	83	61								
SCREENING PLANT		85	85					89	56	76	50	89	63	88	67								
OHP		85	85	88	75	85	71													92	89	92	85

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	1614089	409063	2023152	365764	22687298	64320	3042480	130830	1212570	533256	0.07	0.46	5.17	14.55
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

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	36140	1990487	497508	14305080	89781	2855540	113500	2208350	775000	0.08	0.38	2.76	16.98
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

Consumption of Key Consumables in 2017-18(Bolani)

Item	HSD	Expl	Power	Lubricant									
Unit	Litre	kg	KWH	Litre/Kg	DEPTT ROM	F/G AREA CONTR SCR	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
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	1871911	686961	15145360	90160	2802325	0	1095434	1077345	1202017	0.11	0.42	3.04	20.24
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

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

Item	HSD			Expl	Power	Lubricant									
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	TALDIH OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL				BARSUA	TALDIH	BARSUA			0.08	0.46	4.90	25.00
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	310974	0	310974	69362	10586773	10377	0	336679	73410	0	176040	0.12	1.25	25.82	41.60
April'17	30185	0	30185	4950	1069237	1050	0	24700	0	0	24300	0.10	1.24	43.29	43.21
May'17	46383	0	46383	8000	1137117	1470	0	36650	4365	0	37845	0.10	1.10	27.72	34.83
June'17	41862	0	41862	9500	959717	970	0	46902	945	0	42075	0.11	0.97	20.06	22.55
July'17	28813	0	28813	10500	875357	870	0	49888	0	0	21735	0.15	1.33	17.55	40.03
August'17	27131	0	27131	9000	1289397	2370	0	29533	1620	0	3780	0.26	5.02	41.39	438.89
Sept'17	19401	0	19401	9000	1243957	623	0	40592	0	0	11835	0.17	1.64	105.11	52.64
Oct'17	42517	0	42517	6750	1135517	1281	0	36486	13140	0	11430	0.11	1.73	46.22	52.14
Nov'17	36089	0	36089	8412	1375357	1040	0	36114	23895	0	13590	0.11	0.96	36.69	27.74
Dec'17	38593	0	38593	3250	1501117	703	0	35814	29445	0	9450	0.04	0.99	38.59	18.07

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	2314413	1620	2316033	287536	13874712	77866	2935600	0	1194553	0	0.07	0.56	3.36	18.85
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	1505352	7922	354100	0	154410	0	0.04	0.55	2.96	15.58
Nov'17	266650	200	266850	32343	1517640	9380	346000	0	168255	0	0.06	0.52	2.95	18.24
Dec'17	284668	200	284868	28583	1705032	8050	332400	0	172035	0	0.06	0.56	3.38	15.96

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL						Status as on DEC' 2017
MINE	GRANTED ON	VALID UPTO	AREA (In ha.)	RENEWAL APPL. DATE	FOREST CLEARANCE (FC)	ENVIRONMENTAL CLEARANCE (EC)
KBR-MBR						
Lease-I	28.03.60	31.03.20	1936.06	17.02.09	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 MoEFCC on 13.07.2015. Proposal at MoEFCC, ND. Additional information sought by MoEF&CC on 18.09.2015 & reply Reply is being drafted in consultation with Jharkhand State Govt. for onward forwarding to MoEFCC. Meeting was conducted by PCCF, RCCF, DFO(Saranda) at Ranchi on 27.11.2015. Pr. Secretary GoJ issued letter dated 15.12.2015 to PCCF regarding early reply of letter dated 18.09.2015. Compliance report submitted to DFO,Saranda on 15.01.2016. DFO,Saranda forwarded the report to CF on 28.01.2016. CF forwarded the report to 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 2.3.2016. Further, PCCF forwarded the proposal to Pr. Secy, Jharkhand on 15.03.16. GoJ vide letter dtd 05.04.16 forwarded the compliance report to MoEF&CC, New Delhi. A meeting on grant of Stage-II FC's was held between Secy (MoEFCC) & Secy (MoS) on 02.12.16. Secretary, MoS vide letter dtd 07.02.17 again requested Secretary, MoEFCC for kind intervention to expedite the pending Stage-II FC of Gua, Kiriburu-Meghahatuburu (South & Central Block).Another recent meeting held on 02.05.2017 in the presence of Minister along with The Secretary, DGF&SS and other Officers of MoEF, ICFRE etc wherein some favourable outcome made on Stage-II FC of South- Central Block.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	06.02.73	31.03.20	879.439	10.01.02	Forestry clearance for the total broken area of 55.9 Ha was granted on 11.04.2005 and is co-terminus with current lease period.	Ore Beneficiation Plant & loading facilities of Meghahatuburu Iron Ore Mine are located in the lease-II.
Lease - III	01.10.73	31.03.20	82	26.09.02	Forestry clearance for the total broken area of 24.23 Ha was granted on 11.04.2005 and is co-terminus with current lease period.	Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III.
Horomotto	01.01.70	31.12.99	1051.98	-	SAIL has filed Revision application with mining tribunal against State Govt.'s order of lapsing of lease and rejection of lease renewal application.	No EC
BOLANI						
5.1 sq. mile lease	11.04.60	09.04.30	1321.45	26.03.09	Stage-II FC granted by MoEF&CC on 11/12/2012. MoEFCC has also granted forest clearance for the remaining forest land covering 261.95 ha on 12.11.2014. Proposal for additional 87.09 ha sabik FL has been submitted to forest department on 17.02.2016 & forwarded to MoEFCC on 30.06.2016 for grant of Stage-I FC of 87.09 ha of Sabik FL. FAC meeting held on 24.08.16 and site inspection conducted by RO, MoEFCC on 26.11.16 & report has been forwarded to MoEFCC on 08.12.2016. Further information asked by MoEFCC & 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.	EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21/12/2012. Consent to Operate for 12 MTPA capacity has been granted by OSPCB on 30.01.2015 & valid upto 31.03.2016. CTO renewed & Valid upto 31.03.2019.
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	Stage-I FC was granted by MoEF&CC on 24.02.99. 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.	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.
BARSUA-KALTA						
ML No.-130	06.01.60	05.01.30	2486.38	NA	Stage-II FC granted by MoEF&CC on 06.03.2013.	EC granted by MoEFCC vide letter dated 29th Oct'10. Amendment EC for ML-130 lease of Barsua-Taldih- Kalta has been granted by MoEFCC on 30.03.2016 for redistribution of production from the mining blocks i.e. Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Taldih to 2.05 Mt/yr, keeping the total annual production capacity within the approved limit of 8.05 Mt/yr. Amendment of CTE in line with the amendment of EC granted by OSPCB on 05.11.16. Consent to Operate has been renewed on 22.03.2016 with validity upto 31.03.2017. Consent to Operate for the redistributed production was granted by OSPCB on 23.03.17 for the period upto 31.03.19
ML No.-162	29.04.60	28.04.30	77.94	21.04.99	Stage-I FC for diversion of 77.49 ha including 2.652 ha of safety zone along with the one year working permission has been granted by MoEF CC on 10.02.2015. Stage-I Compliance alongwith other associated conditions related to CA scheme has been communicated to DFO on 28.11.2015.DFO, Bonai forwarded the status of compliance report to State Govt. & forwarded to MoEFCC on 28.1.2016 for extension of working permission.All the necessary payment related CA, PCA, SSCP, Penal NPV has been made & final Stage-I compliance report has been submitted to DFO Office, Bonai on 02.04.2016 for grant of Stage-II FC. Govt. of Odisha 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 77.94 ha of forest land for development of mining infrastructure in ML-162 lease of Barsua Iron 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, Bonai 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, Municipality bodies and relevant offices of State Govt. Subsequently, the Stage-I, Stage-II and State Govt. orders were submitted to Head of local bodies, Municipality bodies and relevant offices of State Govt. on 26.10.17 and published in two newspapers on 29.10.17. Matter of pening of mines is pending at Hon'ble Supreme Court of India. Addl. PCCF (NO) vide letter dated 03.11.17 directed RCCF, Rourkela/DFO, Bonai to furnish the Stage-II FC compliances to the conditions imposed by GoI, 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.
ML No -227	18.01.84	17.01.04	3.34	04.01.03	Preparation of Diversion Proposal is under progress	Non-working lease. Obtaining EC is under progress

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL									
MINE	GRANTED ON	VALID UPTO	AREA (In ha.)	RENEWAL APPL. DATE	FORESTRY CLEARANCE (FC)	Status as on DEC'2017			
						ENVIRON. CLEARANCE (EC)			
BHAWANATHPUR									
GORGAON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)	Diversion Proposal for the forest land under the lease has been submitted on 29.08.2013. Forwarded to DFO on 19.09.2013. DFO, Garhwa vide letter dtd 03.02.2016 instructed to submit FC proposal online.	MoEFCC, New Delhi has been approved the TORs of three leases viz. Ghaghra, Gorgaon & Saraiya lease of Bhawanathpur as per the following approval details:- Ghaghra - MoEF CC letter no. J-11015/16/2013-IA.II (M) dated 10.12.2014 Saraiya- MoEFCC letter no. J-11015/15/2013-IA.II (M) dated 12.12.2014 & Gorgaon - MoEF CC letter no. J-11015/13/2013-IA.II (M) dated 26.12.2014. Baseline line data generation for EIA study for the three leases has been generated during March, 2015 to May, 2015. Analysis of the data and preparation of draft EIA are under progress.			
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)	Fresh DP has been submitted to PCCF (Nodal) on 01.10.13 Proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter dtd 03.02.2016 instructed to submit FC proposal online.				
SARAIYA	31.03.66	31.03.20	275	01.03.07 (3rd RML)	Fresh DP has been submitted to PCCF (Nodal) on 01.10.13. Proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter dtd 03.02.2016 instructed to submit FC proposal online.				
PURNAPAN I	06.01.80	31.03.20	230.525	30.12.98	No forest land involved	Non-working lease. No EC			
GHATITANG KUTESHWAR	29.04.80	28.04.00	153.51	16.04.99	Matter of lease is under litigation.	Non-working lease. No EC			
LEFT BANK LEASE	15.05.82	14.05.22	91.14	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/450/2012-IA.II(M) dated 17.08.2015. CTE application for 0.06 MTPA production submitted on 06.01.2016. CTE for 0.06 MTPA production granted on 10.04.2016. Renewal of CTO was extended by Madhya Pradesh Pollution Control Board on 06.09.2017 for validity upto 31.07.2018.			
RIGHT BANK LEASE	10.06.71	09.06.21	944.89	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/449/2012-IA.II(M) dated 02.09.2015. CTE granted on 31.12.2015 for 2.32 MTPA expansion. CTO for 2.32 MTPA expansion granted by MPPCB on 23.02.2016 with validity upto 31.01.17. Further, CTO renewed by MPPCB on 27.01.17 for the period upto 31.01.18.			
TULSIDAM AR	30.10.69	31.03.20	118.72	20.10.08 (2nd RML)	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 dtd 03.02.2016 instructed to submit FC proposal online NPV paid for total forest land involved in the project on 30.03.2016.	EC granted in 24.03.1995. CTO for Air & Water for the year 2016-17 granted on 31.03.2016 with validity upto 31.03.2017. Application for renewal of CTO submitted online on 29.11.16 for further period of 3 years w.e.f 01.04.17 to 30.03.20. CTO for production capacity of 25000 TPM (Dolomite) has been renewed by JSPCB on 28.03.17 for the period upto 31.03.2020. Railway Siding CTO- CTO for Rly Siding has been granted by JSPCB on 19.12.2014 having validity upto 30.06.2015. Renewal of CTO granted on 04.07.17 with validity up to 30.06.18.			

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL						
MINE	GRANTED ON	VALID UPTO	AREA (In ha)	RENEWAL APPL. DATE	FORESTRY CLEARANCE (FC)	Status as on DEC'2017 ENVIRONMENT CLEARANCE (EC)
GUA						
Durgaburu	22.02.49	21.02.79	1443.756	08.02.08 RML	(2nd 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. MoEFCC sought some information on 23.09.2015 & reply submitted to Jharkhand Govt on 23.09.2015 & forwarded to State Govt on 30.09.2015. Meeting was conducted by State Forest Dept. at Ranchi on 16.11.2015 regarding condition no. xv of Stage I order & presentation on Reclamation was presented there. Further, another meeting was conducted by PCCF, RCCF, DFO (Saranda) at Ranchi on 27.11.2015 and discussed on status of compliance of Stage I & II FC conditions. Vide letter dtd 16.03.16, updated status on both the matters was communicated to AIG (FC), MoEFCC. The project was reviewed in the PMG meeting of Cabinet Secretariat on 20.05.2016, where MoEFCC informed that they are awaiting the report on Carrying Capacity on Saranda region before a final decision on the Stage-II FC of Gua. Presentation on R&R was made before IG (F), Forest Division, New Delhi on 22.06.16 & 08.07.16. Vide letter dated 31.05.16, AIG, Forest (FC) desired the information of individual mine of Saranda Division related to Carrying Capacity Study. The said information was submitted to IG(FC) on 15.07.16. A meeting on grant of Stage-II FC's was held between Sey (MoEFCC) & Sey (MoS) on 02.12.16, wherein Chairman, SAIL & other Senior officers were also present. Secretary, MoS vide letter dtd 07.02.17 again requested Secretary, MoEFCC for kind intervention to expedite the pending Stage-II FC of Gua & 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
Jhilingburi - I	12.05.50	11.05.80	210.526	25.04.09 RML	(2nd 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.	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 dtd 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
Jhilingburi - II	12.05.50	31.03.20	30.43	05.05.09 RML	(2nd Stage-I FC granted by MoEF on 29.01.2013. Stage I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi on 31.10.16 for grant of Stage-II FC. RO, MoEFCC asked to Principal Sey 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. Sey to GoJ vide letter dtd 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.	TOR for EIA Study for production of 20,820 TPA Mn ore was issued BY MoEF on 23rd July'12. EIA / EMP Report submitted to JSPCB for conducting Public Hearing (PH) on 09.10.2013. PH conducted on 31.01.2014 JSPCB forwarded the proceedings of PH to MoEF on 07.04.2014. MoEFCC vide letter dated 08.09.2015 extended validity of TOR upto 22.07.2016 and transferred the proposal to SEIIA, Jharkhand for appraisal. Final EIA/EMP report along with other documents submitted to MoEFCC online on 12.07.16 for grant of EC. The project will be considered for appraisal by EAC only after decision on Carrying Capacity Study for Saranda Forest, which is pending at MoEFCC. Proposal was accepted online on 10.02.2017 for examination by EAC. Hard copy of EIA/EMP reports submitted to MoEFCC on 21.02.17. 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
Topailore	09.03.70	31.03.20	14.15	04.03.99	Stage-I FC granted by MoEF on 30.08.13. Stage-I FC compliance submitted to DFO, Saranda on 05.03.2016 and was forwarded to RO, MoEFCC, Ranchi on 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.
CHIRIA Budhaburu (McLellan)	08.12.45	31.03.20	823.617	16.11.04 RML	(2nd Stage I FC granted by MoEFCC vide order no.- 8-70/2009-FC dated 7th March 2011. Compliance of Stage-I FC forwarded to State govt. on 26.12.13. Letter regarding condition no 17,18,19,20 & 21 of Stage-I FC issued by Special Secretary (F&E) to PCCF, Jharkhand on 24.03.2014. Reply submitted on 21.05.2014. Proposal forwarded to RCCF, Jamshedpur on 06.06.2014 by CF, Chaibasa. Subsequently proposal forwarded to PCCF (Nodal), Jharkhand on 12.06.2014 & to PCCF on 09.07.2014. PCCF sent the information to Principal Secretary (F&E) on 23.07.2014. State Govt. forwarded the proposal to MoEFCC on 22.09.2014. MoEF&CC, New Delhi vide letter dated 21.04.2015 requested Regional Office, MoEFCC, Bhubaneswar to inspect Dhobil & Sukri Leases to verify any violation of FC (Act), 1980 and report accordingly before grant of Stage - 2 FC. MoEF&CC, BBSR inspected the mines during 25 - 26, June, 2015. Inspection report was sent to MoEFCC, New Delhi on 24th July'15. Meeting held with DGF & Special Secretary, MoEFCC on 08.09.2015 and subsequently request letter sent on 15.09.2015 to grant Stage - 2 FC keeping in view of the proposed expansion of the mines.	EC has been granted by MoEF&CC vide letter no - J-11015/249/2009-IA.II (M) dated 23.03.2011 for enhancement of production capacity to 4.2 MTPA. CTE granted by JSPCB on 25.01.2016 with validity of 6 months i.e. upto 24.07.2016. The validity of CTE has been extended till 24.07.17 by JSPCB. Further, validity of CTE extended by JSPCB on 04.08.2017 for a period upto 24.07.2018.
Ajitaburu	07.12.47	06.12.77	323.887	04.12.06 RML	(2nd EC has been granted by MoEF&CC vide letter no - J-11015/505/ 2007-IA.II (M) dated 31.03.2011 for enhancement of production capacity to 2.8 MTPA.	
Sukri - Latur	22.03.49	21.03.79	609.554	11.03.08 RML	(2nd EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA JSPCB vide letter dated 29.05.17 extended the CTE validity upto 21.05.18	
Dhobil	08.03.48	07.03.18	513.036	06.03.97 RML	(2nd Forestry clearance exist upto 2018.	EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 24.01.2012 and amended dated 01.05.12 for production capacity to 0.75 MTPA. The amendment of EC for continuation of ore transportation by road for 5 more years beyond June, 2017 was granted on 19.04.17 CTO renewed on 29.06.17 & valid upto 07.03.18. CTO for Manoharpur siding renewed on 08.12.16 by JSPCB for the period upto 30.06.2021 for dispatch of 2.5 lakhs T/month of iron ore.
Tatiburu	01.09.49	31.08.79	38.85	24.08.08 RML	(2nd Virgin & Non-working lease.No FC	No EC
Ankua	14.06.82	31.03.20	67.178	18.06.11 RML	(2nd Virgin & Non-working lease.No FC	No EC

RMD MANPOWER POSITION AS ON 01.01.2018			
	Executives	Non-Executives	Total
A. ORE MINES			
Kiriburu	94	562	656
Meghahatuburu	76	511	587
Bolani	96	435	531
Barsua	56	313	369
Kalta	16	59	75
Gua	65	536	601
Manoharpur(Chiria)	16	55	71
A.TOTAL	419	2471	2890
B. FLUX MINES			
Purnapani	1	10	11
Kuteshwar	23	114	137
BNP & TDMR	11	101	112
Satna	0	1	1
B. TOTAL	35	226	261
C. OFFICES			
Kolkata	68	33	101
Rourkela	14	17	31
Bokaro	1	4	5
Durgapur	1	4	5
Delhi	4	2	6
Bhubaneswar	1	3	4
Ranchi	2	1	3
Burnpur	0	1	1
MT	6	0	6
C. TOTAL	97	65	162
GRAND TOTAL(A+B+C)	551	2762	3313
Manpower as on 01.12.2017	552	2778	3330
Reduction(-) / Increase(+)	-1	-16	-17

ACCIDENT STATISTICS

MINES	FATAL		REPORTABLE		MANDAY'S LOST	
	December'17	Cummulative	December'17	Cummulative	December'17	Cummulative
KIOM	NIL	NIL	NIL	NIL	NIL	NIL
MIOM	NIL	NIL	NIL	NIL	NIL	NIL
BOM	NIL	NIL	NIL	1	NIL	8
BIM	NIL	NIL	NIL	NIL	NIL	NIL
KIM	NIL	NIL	NIL	NIL	NIL	NIL
GOM	NIL	NIL	NIL	NIL	NIL	NIL
MOM	NIL	NIL	NIL	NIL	NIL	NIL
BNP	NIL	NIL	NIL	NIL	NIL	NIL
TDMR	NIL	NIL	NIL	NIL	NIL	NIL
KTR	NIL	NIL	NIL	NIL	NIL	NIL
PL & DQ	NIL	NIL	NIL	NIL	NIL	NIL
CUMMULATIVE FROM JANUARY'17						
* FROM PREVIOUS CASES						

STEEL PLANT

PERFORMANCE

PROFILE

IRON ORE STOCK INVENTORY BEHAVIOUR

DEC 2017

IRON ORE LUMP

UNIT:'000 TONNES

PLANT	STK 01.04.2017	STK 01.12.2017	RECEIPTS		CONS		STK 01.01.2018	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
BSL	53	22	182	1607	191	1674	32	10	-21
DSP	65	9	108	1004	108	1065	8	-1	-57
RSP	70	45	244	1657	164	1553	93	48	23
ISP	29	31	59	601	83	544	5	-26	-24
BSP	100	313		3	181	1751	317	4	217
TOT	317	420	593	4872	727	6587	455	35	138

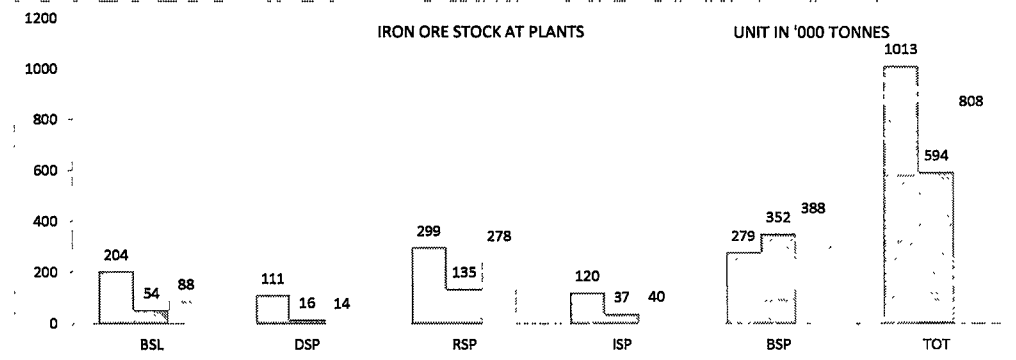
IRON ORE FINES

PLANT	STK 01.04.2017	STK 01.12.2017	RECEIPTS		CONS		STK 01.01.2018	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
BSL	151	32	366	2830	361	3299	56	24	-95
DSP	46	7	206	1681	207	1759	6	-1	-40
RSP	229	90	414	2576	352	2979	185	95	-44
ISP	91	6	249	1946	207	2039	35	29	-56
BSP	179	39	4	147	307	3082	71	32	-108
TOT	696	174	1239	9180	1434	13158	353	179	-343

IRON ORE TOTAL

PLANT	STK 01.04.2017	STK 01.12.2017	RECEIPTS		CONS		STK 01.01.2018	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
BSL	204	54	548	4437	552	4973	88	34	-116
DSP	111	16	314	2685	315	2824	14	-2	-97
RSP	299	135	658	4233	516	4532	278	143	-21
ISP	120	37	308	2547	290	2583	40	3	-80
BSP	279	352	4	150	488	4833	388	36	109
TOT	1013	594	1832	14052	2161	19745	808	214	-205

* BSP RECEIPT FROM RMD MINES



PRODUCTION PERFORMANCE

DEC 2017

हॉट मेटल

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUMUL FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	359	347	97	3124	2950	94	2513	17
दूर्गापूर	213	196	92	1668	1662	100	1808	-8
राउरकेला	315	306	97	2910	2469	85	2200	12
बर्नपूर	221	170	77	1740	1505	86	1332	13
पूर्वी इस्पात संयंत्र	1108	1019	92	9442	8586	91	7853	9
भिलाई	654	321	49	4497	3159	70	3772	-16
TOTAL	1762	1340	76	13939	11745	84	11625	1

सिन्तर

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUMUL FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	523	473	90	3471	4123	119	3503	18
दूर्गापूर	298	278	93	2332	2331	100	2466	-5
राउरकेला	510	485	95	4676	3885	83	3796	2
बर्नपूर	337	269	80	2654	2422	91	2171	12
पूर्वी इस्पात संयंत्र	1668	1505	90	13133	12761	97	11936	7
भिलाई	838	503	60	6594	4730	72	5277	-10
TOTAL	2506	2008	80	19727	17491	89	17213	2

IRON ORE RECEIPTS FOR THE MONTH OF DEC 2017

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	38	29	72			19	16		8		182
DSP			78				30				108
RSP	63	44		24	27	79			3	4	243
ISP	7		34			7	11				58
BSP											
TOT	108	73	184	24	27	104	56		11	4	591

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	68	126	83			11	52		26		368
DSP			119				87				206
RSP	179	153				79			3		414
ISP	7	13	127				102				248
BSP	4										4
TOT	258	292	329			90	241		30		1240

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	106	155	155			30	69		34		550
DSP			197				117				314
RSP	242	196		24	27	158			6	4	657
ISP	13	13	161			7	112				306
BSP	4										4
TOT	366	365	513	24	27	195	297		41	4	1831

IRON ORE RECEIPTS TILL THE MONTH OF DEC 2017

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	316	424	499		46	110	151		61		1607
DSP	8	26	631				335		4		1004
RSP	607	362		31	228	407			15	7	1657
ISP	11		397	10	7	28	110		38		601
BSP				3							3
TOT	942	812	1527	44	281	545	596		118	7	4872

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	724	848	633			144	399		82		2830
DSP		18	920				743				1681
RSP	1228	898				408			42		2576
ISP	10	129	856	3		35	899		14		1946
BSP	131	16									147
TOT	2093	1909	2409	3		587	2041		138		9180

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1040	1272	1132		46	254	550		143		4437
DSP	8	44	1551				1078		4		2685
RSP	1835	1260		31	228	815			57	7	4233
ISP	21	129	1253	13	7	63	1009		52		2547
BSP	131	16		3							150
TOT	3035	2721	3936	47	281	1132	2637		256	7	14052

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)	533.22	874.70	593.05	949.40	492.62	799.30	1884.00	2844.40
KRBU(N/B) (FOS)								
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		