

आर.एम.डी.

इनफ्रास्ट्रук्चर



MARCH'2018



द्वारा प्रकाशित:
पीपीसी विभाग
रॉ मेटेरियल्स डिवीजन
भारतीय इस्पात प्राधिकरण

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Excerpt

IRON ORE MINES: PRODUCTION	March'2018	2017-18	Highlights
❖ RMD :	94% of APP	86% of APP	✓ RMD achieved highest ever daily production on 06 th March'2018: 74,092 Te
❖ Lump :	98% of APP	90% of APP	
❖ Fines :	91% of APP	84% of APP	
❖ Kiriburu Iron Ore Mines :	90% of APP	96% of APP	
❖ Meghahatuburu Iron Ore Mines :	142% of APP	95% of APP	✓ RMD achieved highest ever monthly production in March'18: 1.852 MT
❖ Bolani Ores Mines :	93% of APP	86% of APP	
❖ Gua Ores Mines :	129% of APP	95% of APP	✓ RMD achieved highest ever yearly production in FY 2017-18: 19.403 MT
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FLUX MINES: PRODUCTION			
❖ Total :	88% of APP	75% of APP	
❖ Kuteshwar Mines :	91% of APP	71% of APP	
❖ Tulsidamar Mines :	72% of APP	104% of APP	

IRON ORE MINES : DESPATCH	March'2018	2017-18	Highlights
❖ RMD :	88% of APP	84% of APP	✓ RMD achieved highest ever yearly Despatch in FY 2017-18: 19.043 MT
❖ Lump :	96% of APP	88% of APP	
❖ Fines :	85% of APP	83% of APP	✓ RMD achieved highest no. of Rakes despatched in FY 2017-18: 5340 no.
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FLUX MINES : DESPATCH			
❖ Total :	99% of APP	75% of APP	
❖ Kuteshwar Mines :	94% of APP	72% of APP	
❖ Tulsidamar Mines :	131% of APP	96% of APP	✓ RMD achieved highest ever monthly despatch in March'18: 507 Rakes

507 Rakes Despatched in March'2018
Details of Rake Despatched

MINES	COMM	March'18	TILL2017-18
KBR	L	28	335
	F	66	778
MBR	L	29	316
	F	60	681
BOL	L	50	545
	F	97	1006
TAL	L	15	128
	F	3	3
KAL	L	21	195
	F	25	203
GUA	L	27	228
	F	68	796
MPR	L	8	68
	F	10	58
RMD	L	178	1815
	F	329	3525
TOTAL		507	5340

PLANT	COMM	March'18	TILL 2017-18
BSL	L	61	608
	F	104	1039
DSP	L	39	340
	F	76	749
RSP	L	46	590
	F	82	963
ISP	L	32	277
	F	66	718
BSP	L	0	0
	F	1	56
TOTAL	L	178	1815
	F	329	3525
TOTAL		507	5340

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

MAR 2018

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	PLAN	FOR MONTH				GRTH % OVER LSTYR MAR 2017	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2017-18	TGT	ACT	%FF		LAST YR MAR 2017	TGT	ACT	%FF	LAST YR	
KIRIBURU 5500	L	1300	115	105	91	90	16.5	1300	1249	96	1338	-6.7
	F	3000	270	242	90	265	-8.6	3000	2887	96	2799	3.1
	T	4300	385	347	90	355	-2.2	4300	4135	96	4137	0.0
MEGHAHA TUBURU 5000	L	1150	70	92	132	75	23.0	1150	1143	99	1104	3.6
	F	2750	160	234	146	209	12.1	2750	2563	93	2708	-5.4
	T	3900	230	327	142	284	15.0	3900	3706	95	3812	-2.8
BOLANI 6500	L	2200	195	186	96	170	9.6	2200	2022	92	2080	-2.8
	F	3900	340	314	92	320	-1.9	3900	3214	82	3506	-8.3
	T	6100	535	500	93	490	2.1	6100	5237	86	5586	-6.3
BARSUA 3000	L	100	35					100				
	F	400	140					400				
	T	500	175					500				
TALDIH 1000	L	500	45	48	107	31	55.6	500	419	84	101	315.0
	F	450	45	12	26	4	191.2	450	16	3	14	11.0
	T	950	90	60	67	35	71.1	950	435	46	115	278.0
KALTA 2500	L	800	70	77	109	67	14.4	800	720	90	585	23.1
	F	1100	120	85	71	80	6.0	1100	724	66	520	39.1
	T	1900	190	161	85	147	9.8	1900	1444	76	1105	30.6
GUA 4000	L	1000	80	92	116	90	2.7	1000	905	91	1029	-12.0
	F	3200	230	308	134	251	22.6	3200	3098	97	2984	3.8
	T	4200	310	400	129	341	17.4	4200	4003	95	4013	-0.2
MANOHAR - PUR 1500	L	350	30	30	99	31	-4.4	350	237	68	318	-25.3
	F	300	30	26	88	23	14.8	300	206	69	238	-13.4
	T	650	60	56	93	54	3.8	650	444	68	556	-20.2
TOTAL 29000	L	7400	640	630	98	554	13.8	7400	6696	90	6555	2.1
	F	15100	1335	1221	91	1152	6.0	15100	12707	84	12769	-0.5
	T	22500	1975	1852	94	1706	8.5	22500	19403	86	19324	0.4

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

MAR 2018

UNIT 000 TONNES

DESPATCHES

MINE		PLAN FOR THE MONTH				GRTH % OVER LSTYR MAR 2017	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON				
		2017-18	TGT	ACT	%FF		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END		
KIRIBURU	L	1300	115	106	92	92	14.9	1300	1235	95	1336	-7.6	5	18	28	
	F	3000	270	240	89	212	13.4	3000	2876	96	2555	12.5	1002	1016	9121	
	T	4300	385	346	90	304	13.9	4300	4110	96	3891	5.6	1007	1034	9149	
MEGHAHA TUBURU	L	1200	100	105	105	95	10.8	1200	1168	97	987	18.4	136	107	101	
	F	2750	215	220	102	192	14.8	2750	2535	92	2402	5.5	539	534	552	
	T	3950	315	326	103	287	13.5	3950	3703	94	3389	9.3	675	641	653	
BOLANI	L	2200	200	179	90	188	-4.6	2200	1992	91	2053	-3.0	104	120	133	
	F	3900	320	351	110	260	34.9	3900	3429	88	3218	6.6	1738	1549	1522	
	T	6100	520	530	102	448	18.3	6100	5421	89	5271	2.8	1842	1669	1655	
BARSUA	L	100	35					100					15	15	15	
	F	400	140					400					194	194	194	
	T	500	175					500					209	209	209	
TALDIH	L	500	45	47	104	32	45.9	500	420	84	97	332.5	5	7	9	
	F	450	45	11	24			450	11	2	9	18.1	4	8	9	
	T	950	90	57	64	32	79.1	950	430	45	106	305.9	9	15	18	
KALTA	L	800	70	82	118	64	28.8	800	718	90	593	21.1	10	6	12	
	F	1100	120	82	68	76	8.0	1100	726	66	513	41.6	16	6	13	
	T	1900	190	165	87	140	17.5	1900	1445	76	1106	30.6	26	12	25	
GUA	L	1000	80	96	121	90	7.2	1000	813	81	1015	-19.9	27	20	30	
	F	3200	230	219	95	221	-0.8	3200	2683	84	2908	-7.7	182	182	161	
	T	4200	310	316	102	311	1.5	4200	3496	83	3923	-10.9	209	202	191	
MANOHAR - PUR	L	350	30	30	99	31	-4.5	350	238	68	336	-29.0				
	F	300	30	36	120	31	16.6	300	199	66	249	-20.0	3	17	5	
	T	650	60	66	110	62	6.0	650	438	67	585	-25.2	3	17	5	
TOTAL	L	7450	675	645	96	592	9.0	7450	6584	88	6417	2.6	302	293	328	
	F	15100	1370	1160	85	992	16.9	15100	12459	83	11854	5.1	3678	3506	11577	
	T	22550	2045	1805	88	1584	14.0	22550	19043	84	18271	4.2	3980	3799	11905	

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

Mar-18

UNIT 000 TE

DEVELOPMENT

	FOR MONTH			TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF	TGT	ACT	%FF		
KIRIBURU	345	269	78	3600	2432	68	2663	-8.7
MEGHAHATUBURU	390	311	80	4300	3965	92	3062	29.5
BOLANI	530	272	51	5600	3271	58	2456	33.2
BARSUA	100	1	1	600	86	14	1806	-95.3
TALDIH	95	29	31	1000	206	21	294	-29.9
KALTA	0	0		0	20		135	-85.5
GUA	310	131	42	2800	1574	56	1554	1.3
MANOHARPUR	0	0		0	5		3	61.9
TOTAL	1770	1013	57	17900	11558	65	11973	-3.5

ROM

KIRIBURU	385	347	90	4400	4196	95	4134	1.5
MEGHAHATUBURU	280	332	119	4385	3967	90	3873	2.4
BOLANI	580	499	86	6400	5256	82	5681	-7.5
BARSUA	190	0	0	550	0	0	0	
TALDIH	90	121	134	950	1052	111	175	501.2
KALTA	190	225	118	1900	1505	79	1227	22.7
GUA	310	400	129	4200	4003	95	4016	-0.3
MANOHARPUR	60	56	93	650	444	68	556	-20.2
TOTAL	2085	1980	95	23435	20423	87	19662	3.9

TOTAL EXCAVATION

KIRIBURU	730	616	84	8000	6628	83	6797	-2.5
MEGHAHATUBURU	670	643	96	8685	7932	91	6935	14.4
BOLANI	1110	771	69	12000	8527	71	8137	4.8
BARSUA	290	1	0	1150	86	7	1806	-95.3
TALDIH	185	150	81	1950	1258	65	469	168.3
KALTA	190	225	118	1900	1525	80	1362	11.9
GUA	620	531	86	7000	5577	80	5570	0.1
MANOHARPUR	60	56	93	650	448	69	559	-19.8
TOTAL	3855	2993	78	41335	31981	77	31635	1.1

Performance against Last Year

Unit In T

PREVIOUS YEAR EXCAVATION PERFORMANCE 2016-17																														
Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL						
	TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB			
Apr-16	512730	313560	199170	456640	336240	120400	606015	520233	85782	251280	0	251280				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				83660	83660	0	451380	331500	119880	39116	39116	0	2519432	1700629	818803			
Jun-16	642240	386280	255960	622860	360810	262050	692754	524279	168475	155115	0	155115				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	122666	119950	2316	456720	348900	107820	50517	50517	0	2657271	1688373	968898
Jan-17	590220	337320	252900	597930	367830	230100	706125	441392	264733	67905	0	67905				39760	18700	21060	92350	92350	0	468850	340600	128250	46760	46760	0	2609900	1644952	964948
Feb-17	574650	283050	291600	550750	292050	258700	822820	470766	352054	65295	0	65295				47215	25300	21915	107650	107650	0	451650	305400	146250	50481	50481	0	2670511	1534697	1135814
Mar-17	678060	355410	322650	619535	298585	320950	704009	498398	205611	51615	0	51615				101760	73500	28260	279722	146450	133272	443510	341900	101610	53112	53112	0	2931323	1767355	1163968
Total	6798060	4134150	2663910	6935810	3873060	3062750	8137115	5681842	2455273	1804950	0	1804950				467865	173700	294165	1361988	1226400	135588	5568594	4014535	1554059	558619	555166	3453	31633001	19658853	11974148

THIS YEAR EXCAVATION PERFORMANCE 2017-18																											
Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB		TOT EXC	ROM	OB
Apr-17	566550	319590	246960	573770	133020	440750	581486	408757	172729	0			78111	53811	24300	125300	125300	0	436700	320600	116100	48679	48679	0	2410596	1409757	1000839
May-17	488520	318330	170190	547990	260190	287800	594504	458911	135993	4365	0	4365	140403	102558	37845	108247	108247	0	430265	315200	115065	49712	49712	0	2364006	1613148	750858
Jun-17	504310	370440	133870	644460	336060	308400	710439	397643	312796	945	0	945	112428	70353	42075	87500	87500	0	427628	333000	94628	31287	31287	0	2518997	1626283	892714
Jul-17	395010	344160	50850	630510	323010	307500	779891	354928	424963	0	0	0	84063	62328	21735	74600	74600	0	410665	323300	87365	0	0	0	2374739	1482326	892413
Aug-17	487860	403920	83940	747990	315990	432000	560903	430152	130751	1620	0	1620	78949	73819	5130	96353	96353	0	452670	315600	137070	0	0	0	2426345	1635834	790511
Sep-17	557660	364050	193610	645350	409950	235400	675522	432019	243503	0	0	0	113315	101480	11835	100760	100760	0	445325	295700	149625	4589	4589	0	2542521	1708548	833973
Oct-17	677616	401670	275946	719770	395370	324400	779895	453030	326865	13140	0	13140	102669	91239	11430	163300	163300	0	508510	354100	154410	42905	42905	0	3007805	1901614	1106191
Nov-17	587790	311670	276120	734660	399060	335600	785467	443610	341857	23895	0	23895	103890	90300	13590	169150	149600	19550	514255	346000	168255	42202	42202	0	2961309	1782442	1178867
Dec-17	653820	339480	314340	707890	396390	311500	709014	518709	190305	29445	0	29445	98548	89548	9000	145600	145600	0	504435	332400	172035	55295	55295	0	2904047	1877422	1026625
Jan-18	500030	327420	172610	669220	360720	308500	831205	391986	439219	9675	0	9675	73879	73879	0	116300	116300	0	484750	344800	139950	58759	58759	4857	2743818	1669007	1074811
Feb-18	592830	347760	245070	667500	305300	362200	746992	467259	29733	1215	0	1215	122190	122190	0	112600	112600	0	430665	322100	108565	58948	58948	0	2732940	1736157	996783
Mar-18	615850	347130	268720	643180	332280	310900	771446	499197	272249	1375	0	1375	149810	120605	29205	224850	224850	0	530925	400200	130725	56054	56054	0	2993490	1980316	1013174
Total	6627846	4195620	2432226	7932290	3967340	3964950	8526764	5256201	3270563	85675	0	85675	1258255	1052110	206145	1524560	1505010	19550	5576793	4003000	1573793	448430	443573	4857	31980613	20422854	11557759

Change Over Last Year

DIFF	-170214	61470	-231684	996480	94280	902200	389649	-425641	815290	-1719275	790390	878410	-88020	162572	278610	-116038	8199	-11535	19734	-110189	-111593	1404	347612	764001	-416389		
%Chg	-2.5	1.5	-8.7	14.4	2.4	29.5	4.8	-7.5	33.2	-95.3	#DIV/0!	-95.3	168.9	505.7	-29.9	11.9	22.7	-85.6	0.1	-0.3	1.3	-19.7	-20.1	40.7	1.1	3.9	-3.5

Performance against Last Year

Unit in Te

	PREVIOUS YEAR PRODUCTION PERFORMANCE 2016-17																										
	Kiriburu			Megahatuburu			Bolani			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL					
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT			
Apr-16	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	384280	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	244640	417274	26186	15432	41618	71388	273412	344800	35929	17603	53532	474370	898010	1372380						
Sep-16	141645	202875	344520	69981	179763	249744	176597	247954	424551	31789	34415	66204	70100	242600	312700	17605	16373	33978	507717	923980	1431697						
Oct-16	157686	211134	368820	108747	294875	403622	175855	300708	476563	58176	37497	95673	85248	258952	344200	23532	23070	46602	609244	1126236	1735480						
Nov-16	120106	218834	338940	111129	264171	375300	173370	278671	452041	17266	17266	56617	63670	120287	81408	249392	330800	26671	24225	50896	586567	1098963	1685530				
Dec-16	105856	254234	360090	91310	251183	342493	167035	296428	463463	14045	9888	23933	55397	83796	139193	90944	257956	348900	28252	22265	50517	552839	1175750	1728589			
Jan-17	103613	233707	337320	105438	275658	381096	168531	272651	441182	14334	14334	39975	88213	128188	90368	250232	340600	24229	22530	46759	546488	1142991	1689479				
Feb-17	67801	215249	283050	94037	227524	321561	142339	325727	467966	25105	25105	47834	93516	141350	81600	223800	305400	25103	25378	50481	483719	1111194	1594913				
Mar-17	90065	265345	355410	75042	208595	283637	169967	320142	490109	31085	4009	35094	67460	79567	147027	90432	251468	341900	30514	22599	53113	554565	1151725	1706290			
Total	1335723	2798427	4134150	1105467	2706465	3811932	2079640	3505218	5584858	101835	13897	115732	585809	520467	1106276	1031170	2983365	4014535	317276	237887	555163	6556920	12765726	19322646			

Change Over Last Year

	THIS YEAR PRODUCTION PERFORMANCE 2017-18																										
	Kiriburu			Megahatuburu			Bolani			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL					
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT			
Apr-17	98217	221373	319590	42314	135337	177651	150393	254749	405142	21394	21394	57208	58563	115771	92928	227672	320600	30625	18054	48677	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	253168	323300				453692	883712	1337404				
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				
Jan-18	96027	232793	328820	112493	265295	377788	128186	274420	402606	29552	29552	60155	41565	101720	72020	272780	344800	28223	25679	53902	526656	1112532	1639188				
Feb-18	101186	246574	347760	77021	213478	290499	169788	319121	488909	48575	3898	52473	65967	44530	110497	69940	252160	322100	32259	26690	58949	564736	1106451	1671187			
Mar-18	104855	242275	347130	92241	234385	326626	186335	313822	500157	48242	11648	59890	76635	84816	161451	92430	307770	400200	29644	26410	56054	630382	1221126	1851508			
Total	1248669	2886606	4135275	1143239	2562806	3706045	2022205	3214466	5236671	419100	15546	434646	720029	723526	1443555	905129	3097871	4003000	237443	206180	443623	6695814	12707001	19402815			

Performance against Last Year

Unit In Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2016-17																							
	Kiriburu			Meghahatuburu			Bolani			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-16	87344	233781	321125	95934	268050	363984	196824	275515	472340	0	60720	7590	68310	72013	228048	300061	25052	11120	36172	537887	1024105	1561992		
May-16	111357	212542	323899	119708	232876	352584	212627	283367	495994	0	71549	11385	82934	102257	208188	310445	34509	13352	47861	652007	961710	1613717		
Jun-16	120361	258799	379160	113150	249907	363057	189439	299779	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
Jan-17	111686	184537	296223	74386	201417	275803	133665	256987	390652	13019	3205	16224	41538	79705	121243	87174	247021	334195	25149	46359	486617	994082	1480699	
Feb-17	72209	222510	294719	83767	187767	271534	178311	242048	420359	29189	29189	49335	96485	145820	79359	223290	302649	25476	27613	53089	517646	999713	1517359	
Mar-17	91965	211258	303223	95417	191813	287230	187335	259767	447102	29189	29189	64446	75831	140277	90109	220393	310502	30996	22445	53441	589457	981507	1570964	
Total	1337824	2554629	3892453	987081	2396285	3383366	2052991	3217570	5270562	94005	9678	103683	591483	510765	1102248	1015208	2913807	3929015	337539	254779	592318	6416131	1857514	18273645

Unit In Te	THIS YEAR DESPATCH PERFORMANCE 2017-18																								
	Kiriburu			Meghahatuburu			Bolani			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-17	93034	205705	298739	102557	186744	289301	157291	270155	427446	19284	19284	52923	49335	102258	94743	211053	305796	29782	13962	43744	549614	936954	1486568		
May-17	108284	229783	338067	75471	122904	198375	161078	238285	399363	44258	44258	61635	51644	113279	86851	198410	285261	33785	18125	51910	571362	859151	1430513		
Jun-17	94661	236046	330707	71102	204110	275212	161631	269244	430875	31910	31910	39970	40446	80416	69949	215160	285109	28119	28119	497342	965006	1462348			
Jul-17	95988	203227	299215	98431	202274	300705	131343	201904	333247	26127	26127	50192	32846	83038	56698	214229	270927	270927	270927	270927	458779	854480	1313259		
Aug-17	128151	252650	380801	124649	209225	333874	188639	310588	499227	31718	31718	52154	44328	96482	50379	210555	260934	260934	260934	260934	260934	260934	575690	1027346	1603036
Sep-17	94122	236991	331113	90078	238322	328400	191268	285463	476731	40249	40249	53720	72421	126141	58144	200914	259058	2978	2978	527581	1037089	1564670			
Oct-17	107967	245065	353032	82345	223131	305476	147489	229753	377242	34809	34809	35575	96331	131906	51234	267710	318944	13402	28128	41530	472821	1090118	1562939		
Nov-17	103505	253908	357413	97050	225980	323030	171901	240643	412544	39289	39289	77842	83727	161569	52513	257644	310157	14210	31964	46174	556310	1093866	1650176		
Dec-17	107259	268873	376132	76574	284542	361116	193292	325358	518650	29907	29907	92243	89325	181568	56691	237906	294597	17389	18349	35738	573355	1224353	1797708		
Jan-18	101389	251389	352778	133695	229593	360648	142153	366512	508665	32985	32985	54859	43355	98214	61928	245850	30778	32438	28255	58693	559447	1160314	1719761		
Feb-18	94550	251502	346052	111152	190081	301233	166691	340441	507132	43667	43667	64731	40461	105192	77451	205324	282775	39688	22912	62600	597930	1050721	1648651		
Mar-18	105723	240445	346168	105290	220368	325658	179273	350801	530074	46548	10633	57181	82401	82117	164518	96475	219322	315797	29612	36137	65749	645322	1159823	1805145	
Total	1234633	2875584	4110217	1168394	2534634	3703028	1992049	3429147	5421196	420751	10633	431384	718245	726336	1444581	813056	2684077	3497133	238425	198810	437235	6585553	12459221	19044774	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Mar-18

बोकारो इस्पात संयंत

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL										
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%OFF	APP	ACT	%OFF	YR	%	APP	ACT	%OFF	APP	ACT	%OFF	YR	%	APP	ACT	%OFF	APP	ACT	%OFF	YR	%	
KRB	50	70	140	600	453	75	425	6	120	122	102	1000	989	99	805	23	170	192	113	1600	1442	90	1230	17	
MBR	80	34	42	800	608	76	332	83	110	87	80	1300	1115	86	1103	1	190	121	64	2100	1722	82	1435	20	
BOL	90	41	46	900	614	68	811	-24	100	92	92	1200	919	77	1038	-11	190	133	70	2100	1533	73	1849	-17	
BAR																									
TAL		6			82							11			11					17			93		
KAL		65			206			36	473			22			187			44	326		86			393	
GUA	15	6	42	300	181	60	146	24	55	22	40	700	565	81	406	39	70	28	40	1000	745	75	552	35	
MPR	5	15	295	100	144	144	98	47		25			132			42	214	5	40	796	100	276	276	140	
RMD TOT	240	237	99	2700	2288	85	1848	24	385	380	99	4200	3917	93	3438	14	625	618	99	6900	6205	90	5286	17	
DRZ																									
PUR																									
GR TOT	240	237	99	2700	2288	85	1848	24	385	380	99	4200	3917	93	3438	14	625	618	99	6900	6205	90	5286	17	

(N)

FLUXES

	42	36	86	500	331	66	351	-6
KTR	16	3	18	150	79	53	74	7
TDMR	58	39	67	650	411	63	425	-3

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

43160

दूर्गापूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	
KRB					8		31	-74							12	-100							8	43	-81
MBR		4			34		63	-46	15	7	48	200	36	18	138	-74	15	11	72	200	70	35	201	-65	
BOL	70	92	131	800	883	110	807	9	140	149	106	1800	1374	76	1230	12	210	241	115	2600	2257	87	2037	11	
BAR																									
TAL																									
KAL																									
GUA	35	53	152	400	427	107	543	-21	45	106	236	400	1002	251	953	5	80	159	199	800	1430	179	1496	-4	
MPR	5			100	4	4	10	-64							5	-100	5			100	4	4	15	-76	
RMD TOT	110	148	135	1300	1356	104	1454	-7	200	262	131	2400	2412	101	2338	3	310	411	132	3700	3768	102	3792	-1	
DRZ																									
PUR																									
GR TOT	110	148	135	1300	1356	104	1454	-7	200	262	131	2400	2412	101	2338	3	310	411	132	3700	3768	102	3792	-1	
0																									
FLUXES																									
KTR	4				51	12	24	20																	
TDMR						4						3													
TOT	4				51	16	31	23																	

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Mar-18

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	% OFF	APP	ACT	% OFF			YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%				
KRB	65	36	55	700	762	109	746	2	110	115	104	1600	1682	105	1402	20	175	150	86	2300	2443	106	2148	14						
MBR	10	68	681	300	527	176	456	16	30	119	397	650	1234	190	871	42	40	187	468	950	1761	185	1327	33						
BOL							7	-100								58	-100							65	-100					
BAR	35			100					70			200						105			300									
TAL	15	34	228	200	309	154	97	218	35			350					9	-100	50	34	68	550	309	56	106	191				
KAL	55	18	32	700	466	67	532	-12	120	61	50	1100	511	46	449	14	175	78	45	1800	976	54	981	0						
GUA							54	-100				200					233	-100			200				287	-100				
MPR		4			18		105	-83	30			300	41	14	156	-74	30	4	12	300	59	20	261	-77						
RMD TOT	180	159	89	2000	2081	104	1997	4	395	294	74	4400	3467	79	3178	9	575	454	79	6400	5548	87	5175	7						
PUR																														
DRZ																														
GR TOT	180	159	89	2000	2081	104	1997	4	395	294	74	4400	3467	79	3178	9	575	454	79	6400	5548	87	5175	7						
0																					FLUXES									
KTR	14	16	115	150	120	80	115	4																						
TDMR	4			50	39	77	23	68																						
TOT	18	16	90	200	159	79	138	15																						

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Mar-18

बर्नपूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP												FINES												TOTAL											
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH												
	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%												
KRB					12		19	-35		4				17		20	-13		4				30		39	-24										
MBR							3	-100	20	3	16	100	128	128	89	44	20	3	16	100	128	128	92	39												
BOL	40	46	116	500	495	99	428	16	80	110	137	900	1136	126	892	27	120	156	130	1400	1631	117	1320	24												
BAR																																				
TAL	5	6	123	100	29	29													5	6	123	100	29	29												
KAL	15			100	46	46	17	171						29		20	43	15				100	75	75	37	102										
GUA	30	37	124	300	205	68	272	-25	130	91	70	1900	1116	59	1308	-15	160	128	80	2200	1321	60	1580	-16												
MPR	20	11	56	150	73	49	107	-32		11				26		3	782	20	22	111	150	100	66	110	-10											
RMD TOT	110	101	92	1150	860	75	846	2	230	219	95	2900	2453	85	2332	5	340	320	94	4050	3313	82	3178	4												
DRZ																																				
PUR																																				
GR TOT	110	101	92	1150	860	75	846	2	230	219	95	2900	2453	85	2332	5	340	320	94	4050	3313	82	3178	4												
0																																				
FLUXES																																				
KTR						0				4																										
TDMR			4																																	
TOT			4			0				4																										

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Mar-18

मिलाई इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%
KRB							115	-100	40			400	188	47	316	-41	40			400	188	47	431	-56
MBR	10			100			133	-100	40	3	9	500	22	4	201	-89	50	3	7	600	22	4	334	-93
BOL																								
BAR									70			200					70			200				
TAL	25			200					10			100					35			300				
KAL																								
GUA																8	-100						8	-100
MPR							16	-100								43	-100						59	-100
RMD TOT	35			300			264	-100	160	3	2	1200	209	17	568	-63	195	3	2	1500	209	14	832	-75
DRZ																								
PUR																								
GR TOT	35			300			264	-100	160	3	2	1200	209	17	568	-63	195	3	2	1500	209	14	832	-75

FLUXES							
KTR	60	61	101	720	553	77	586
TDMR		11			47		
TOT	60	72	120	720	601	83	586

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Mar-18

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	%OFF	APP	ACT	%OFF	YR	%	APP	ACT	%OFF	APP	ACT	%OFF	YR	%	APP	ACT	%OFF	APP	ACT	%OFF	YR	%						
KRB	115	106	92	1300	1235	95	1336	-8	270	240	89	3000	2876	96	2555	13	385	346	90	4300	4110	96	3891	6						
MBR	100	105	105	1200	1168	97	987	18	215	220	102	2750	2535	92	2402	6	315	326	103	3950	3703	94	3389	9						
BOL	200	179	90	2200	1992	91	2053	-3	320	351	110	3900	3429	88	3218	7	520	530	102	6100	5421	89	5271	3						
BAR	35			100					140			400					175			500										
TAL	45	47	104	500	420	84	97	333	45	11	24	450	11	2	9	18	90	57	64	950	430	45	106	306						
KAL	70	82	118	800	718	90	585	23	120	82	68	1100	726	66	513	42	190	165	87	1900	1445	76	1098	32						
GUA	80	96	121	1000	813	81	1015	-20	230	219	95	3200	2683	84	2908	-8	310	316	102	4200	3496	83	3923	-11						
MPR	30	30	99	350	238	68	336	-29	30	36	120	300	199	66	249	-20	60	66	110	650	438	67	585	-25						
RMD TOT	675	645	96	7450	6584	88	6409	3	1370	1160	85	15100	12459	83	11854	5	2045	1805	88	22550	19043	84	18263	4						
PUR																														
DRZ																														
GR TOT	675	645	96	7450	6584	88	6409	3	1370	1160	85	15100	12459	83	11854	5	2045	1805	88	22550	19043	84	18263	4						

0 FLUXES

KTR	120	113	94	1421	1017	72	1076	-6
TDMR	20	18	91	200	169	85	100	69
TOT	140	131	94	1621	1186	73	1176	1

FLUX MINES PERFORMANCE FOR AND UPTO THE MONTH OF
Mar-18

UNIT 000 TONNES

PRODUCTION

MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR 431 3159	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR 431 3159		TGT	ACT	%FF	LAST YR	
KUTESHWAR	1420	120	109	91	86	27.1	1420	1008	71	1060	-4.9
TULSIDAMAR	200	20	14	72	12	20.3	200	207	104	102	103.3
TOTAL	1620	140	124	88	98	26.2	1620	1215	75	1162	4.6

DESPATCH

MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR 431 3159	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR 431 3159		PLAN	ACT	%FF	LAST YR	
KUTESHWAR	1420	120	113	94	84	34.4	1421	1017	72	1080	-5.9
TULSIDAMAR	200	20	26	131	19	37.7	200	192	96	100	92.4
TOTAL	1620	140	139	99	103	35.1	1621	1209	75	1180	2.5

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
Jan-17	111900	117000			12748	13641	124648	130641
Feb-17	94967	100912			14348	6895	109315	107807
Mar-17	86298	83745			12413	18688	98711	102433
Total	1058524	1084058			101977	99076	1160501	1183134

THIS YEAR FLUX PERFORMANCE 2017-18								
	KTR		Bhawanathpur		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP	PROD	DESP
Apr-17	84586	80594			10170	20107	94756	100701
May-17	105306	100972			15229	17144	120535	118116
Jun-17	90785	88818			22413	20559	113198	109377
Jul-17	69065	80624			14045	16005	83110	96629
Aug-17	69618	80934			17465	18733	87083	99667
Sep-17	81361	80650			19140	19008	100501	99658
Oct-17	54321	60378			13329	2709	67650	63087
Nov-17	62310	56744			21806	8379	84116	65123
Dec-17	97393	96864			25109	17734	122502	114598
Jan-18	109907	104185			18259	14878	128166	119063
Feb-18	73705	72888			15999	10962	89704	83850
Mar-18	109285	112934			14434	26168	123719	139102
Total	1007642	1016585			207398	192386	1215040	1208971

Over Last Year

DIFF	-50882	-67473			105421	93310	54539	25837
%Chg	-4.8	-6.2	#DIV/0!		103.4	94.2	4.7	2.2

QUALITY ANALYSED AT PLANT

Mar-18

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फाइन्स						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	63.12	2.75	1.96	10.17	18.44	62.02	3.51	2.86	10.31	29.31		MTH ACT					
CUM	2017-18	63.10	2.91	1.78	13.55	20.35	62.29	3.38	2.47	9.89	29.91	CUM	2017-18					
CUM	2016-17	63.87	2.38	1.76	17.71	21.35	62.77	3.25	2.46	10.67	31.67	CUM	2016-17					

MBR	NORM	62.5	3	2.5	15	15	62	3.8	2.7	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	62.72	3.11	2.19	14.30	21.58	61.83	3.81	2.83	4.94	36.21		MTH ACT	30.92	19.57	4.98	3.70	9.40
CUM	2017-18	62.88	3.04	1.93	14.90	21.66	61.92	3.83	2.53	5.49	35.27	CUM	2017-18	29.75	18.89	5.47	5.92	9.88
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	63.07	2.63	1.77	11.75	26.26	62.73	3.00	2.09	1.22	43.80		MTH ACT	44.87	2.25	3.16	3.58	25.04
CUM	2017-18	62.73	3.02	2.02	10.95	25.04	62.62	3.15	2.01	2.62	40.59	CUM	2017-18	45.56	2.57	3.33	4.00	26.14
CUM	2016-17	63.59	2.64	1.94	17.49	23.69	62.91	3.13	2.38	3.96	38.93	CUM	2016-17	44.77	2.56	3.59	2.63	24.90

BOL	NORM	62.6	2.4	2.5	10	10	62.7	2.8	2.9	10	30							
	MTH ACT	62.88	2.65	2.29	25.01	17.04	62.18	3.09	2.88	5.77	35.47							
CUM	2017-18	62.98	2.78	1.98	16.54	21.21	62.19	3.30	2.60	5.68	34.46							
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	64.41	1.77	1.86	4.61	12.34	63.69	2.44	2.23	4.47	29.26							
CUM	2017-18	64.36	1.80	1.50	6.76	12.44	63.70	2.20	1.90	4.30	29.54							
CUM	2016-17	64.35	1.73	1.66	12.59	12.67	63.53	2.32	2.44	4.59	20.53							

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40							
	MTH ACT	64.67	1.65	1.63	10.92	12.96	64.04	2.08	2.00	4.40	29.97							
CUM	2017-18	64.61	1.57	1.42	10.76	12.45	63.59	2.12	2.17	4.41	30.08							
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	63.45	2.72	1.70	8.05	13.25	62.64	2.64	3.03	4.60	29.80							
CUM	2017-18	63.54	2.25	1.92	7.48	13.66	62.64	2.64	3.03	4.60	29.80							
CUM	2016-17																	

QUALITY ANALYSED AT PLANT

Mar-18

दूर्गपुर इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फाईन्स						FLUX					
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MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	63	2.6	2.5	10	15	62.5	3	2.8	10	28	BF LST	NORM	43	5	6.5	15	10
	MTH ACT											BNP	MTH ACT					
CUM	2017-18	63.30	2.70	1.90	4.40	22.80						CUM	2017-18					
CUM	2016-17	61.40	6.90	1.27	14.73	14.17	63.70	2.10	2.05	15.80	37.70	CUM	2016-17					

MBR	NORM	62.5	3	2.5	15	15	62	3.8	2.7	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	62.15	3.90	0.95	16.35	15.80	61.80	3.75	2.75	5.30	43.50		MTH ACT					
CUM	2017-18	62.78	2.70	1.23	12.60	19.89	62.92	3.45	2.03	3.94	47.59	CUM	2017-18	30.40	16.20	4.40	71.80	10.40
CUM	2016-17	62.24	3.63	2.06	10.39	21.60	61.64	4.98	2.25	4.76	45.40	CUM	2016-17	30.20	15.90	7.30	63.50	9.40

GUA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	63.75	1.70	1.22	20.92	12.80	63.91	2.27	1.59	1.99	53.52		MTH ACT					
CUM	2017-18	62.72	2.94	1.59	10.62	16.98	63.95	2.47	1.58	2.43	51.83	CUM	2017-18	45.70	2.28	4.53	31.28	11.88
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	63.08	1.56	2.09	29.61	11.22	62.67	2.45	2.54	8.58	39.37
CUM	2017-18	62.70	2.27	1.95	15.32	15.19	62.89	2.69	2.26	5.71	41.45
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					

QUALITY ANALYSED AT PLANT

Mar-18

राउरकेला इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फाईब्स						FLUX					
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MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	63	2.6	2.5	10	15	62.5	3	2.8	10	28	BNP	NORM	43	5	6.5	15	10
	MTH ACT	63.05	2.60	2.32	9.50	19.00	62.50	2.83	2.51	11.00	28.00		MTH ACT					
CUM	2017-18	62.53	3.04	2.66	14.17	21.64	62.19	3.08	2.51	8.00	34.25	CUM	2017-18					
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	62.81	2.85	2.40	13.20	18.80	62.37	2.85	2.60	8.00	40.00		MTH ACT					
CUM	2017-18	62.45	2.95	2.53	15.25	18.89	62.13	3.08	2.56	8.23	28.85	CUM	2017-18					
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	49.81	1.86	3.43		
CUM	2017-18											CUM	2017-18	49.10	2.77	3.56		
CUM	2016-17	62.75	2.53	2.44	15.74	20.43	62.28	3.18	2.50			CUM	2016-17	48.21	2.94	4.25		

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

KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40
	MTH ACT	63.62	2.00	2.20	6.80	15.40	63.26	2.14	2.12	6.00	37.00
CUM	2017-18	63.36	2.08	2.07	9.81	16.57	63.00	2.26	2.14	7.35	28.90
CUM	2016-17	63.17	2.25	2.20	17.24	18.38	62.73	2.49	2.31		

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40
	MTH ACT	63.40	2.50	2.40	10.00	18.00					
CUM	2017-18	63.44	2.07	2.14	16.32	17.40	62.54	2.53	2.58	5.66	30.75
CUM	2016-17	63.05	2.37	2.19	18.74	17.46	62.78	2.49	2.21	8.13	36.75

TAL	NORM	62	2.7	3.1	10	10	62	3.1	3.1	5	40
	MTH ACT	63.90	2.01	1.93	7.60	18.40					
CUM	2017-18	63.44	2.12	2.05	10.23	16.33					
CUM	2016-17	62.94	2.23	2.45	15.21	18.55	60.11	4.27	4.74		

QUALITY ANALYSED AT PLANT

Mar-18

बर्नपूर इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फाईन्स						FLUX					
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MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	63	2.6	2.5	10	15	62.5	3	2.8	10	28	BNP	NORM	43	5	6.5	15	10
	MTH ACT						62.37	3.65	2.77	3.76	50.58		MTH ACT					
CUM	2017-18	63.51	3.36	2.02	23.17	1.00	62.59	2.62	3.35	9.30	42.42	CUM	2017-18					
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												MTH ACT					
CUM	2017-18	61.13	1.87	4.21	49.60		62.01	3.55	3.53	7.77	38.51	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	63.49	1.52	2.53	37.66	0.46	62.47	3.18	2.90	10.49	49.03		MTH ACT					
CUM	2017-18	62.82	2.93	2.43	22.20	2.50	62.95	2.83	2.75	3.39	50.66	CUM	2017-18					
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	62.95	1.41	2.62	22.62	0.74	61.90	3.36	3.64	7.92	40.36						
CUM	2017-18	62.64	2.81	3.01	17.15	5.55	62.37	2.93	3.14	9.05	42.61						
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																
CUM	2017-18	62.35	2.50	3.48	19.01	4.80	61.49	3.35	4.21	13.07	35.28						
CUM	2016-17	65.21	1.08	2.47	10.70	7.20	61.68	2.71	4.50	7.58	56.43						

MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40						
	MTH ACT	64.09	1.58	1.32	44.74	0.45	61.42	3.04	4.47	4.56	45.71						
CUM	2017-18	62.41	2.41	3.68	23.83	4.96	61.01	3.09	4.95	3.76	43.00						
CUM	2016-17	64.40	1.23	2.99	26.11	7.83											

TAL	NORM	62	2.7	3.1	10	10	62	3.1	3.1	5	40						
	MTH ACT	62.90	1.42	5.21	23.10	0.78											
CUM	MTH ACT	62.21	2.40	4.23	6.41	4.57											
CUM	2017-18																

QUALITY ANALYSED AT PLANT

Mar-18

भिलाई इस्पात संयन्त्र

लौह अयस्क लम्प						लौह अयस्क फाइन्स						FLUX					
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MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES	CaO%	MgO%	SiO ₂ %	OS%	US%	
KRB	NORM	63	2.6	2.5	10	15	62.5	3	2.8	10	28	BNP	NORM	43.0	5.00	6.5	15.0	10.0
	MTH ACT												MTH ACT					
CUM	2017-18											CUM	2017-18					
CUM	2016-17											CUM	2016-17					

MBR	NORM	62.5	3	2.5	15	15	62	3.8	2.7	5	30	TDM	NORM	30.0	18.0	5.0	5.0	10.0
	MTH ACT												MTH ACT					
CUM	2017-18											CUM	2017-18					
CUM	2016-17	63.15	3.88	2.18	26.67	16.66	62.57	4.80	2.18	15.18	42.52	CUM	2016-17					

GUA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	KTR	NORM	50.0	2.25	3.50	5.0	5.0
	MTH ACT												MTH ACT	50.08	1.93	4.03	6.28	19.94
CUM	2017-18											CUM	2017-18	50.46	1.89	3.64	7.16	18.33
CUM	2016-17						61.50	4.36	3.43	9.65	52.90	CUM	2016-17	49.81	2.15	3.92	7.05	17.88

BOL	NORM	62.6	2.4	2.5	10	10	62.7	2.8	2.9	10	30	KTR	NORM	50.0	2.25	3.50	5.0	5.0
	MTH ACT												MTH ACT	50.08	1.93	4.03	6.28	19.94
CUM	2017-18											CUM	2017-18	50.46	1.89	3.64	7.16	18.33
CUM	2016-17											CUM	2016-17	49.81	2.15	3.92	7.05	17.88

KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40	KTR	NORM	50.0	2.25	3.50	5.0	5.0
	MTH ACT												MTH ACT	50.08	1.93	4.03	6.28	19.94
CUM	2017-18											CUM	2017-18	50.46	1.89	3.64	7.16	18.33
CUM	2016-17											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	KTR	NORM	50.0	2.25	3.50	5.0	5.0
	MTH ACT												MTH ACT	50.08	1.93	4.03	6.28	19.94
CUM	2017-18											CUM	2017-18	50.46	1.89	3.64	7.16	18.33
CUM	2016-17	63.72	2.85	2.42	31.66	15.73	61.77	2.40	4.22	16.15	33.30	CUM	2016-17	49.81	2.15	3.92	7.05	17.88

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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	63.21	2.81	1.76	8.95	21.67	4.57	0.63	38120
Feb-18	62.96	2.78	2.17	12.82	20.25	4.95	0.78	29035
Mar-18	63.12	2.75	1.96	10.17	18.44	4.71	0.71	70028
CUMML	63.10	2.91	1.78	13.55	20.35	4.69	0.61	430772

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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	63.01	3.06	1.76	14.10	20.22	4.82	0.58	94341
Feb-18	62.66	3.39	1.95	16.82	19.54	5.34	0.58	61641
Mar-18	62.72	3.11	2.19	14.30	21.58	5.30	0.70	37568
CUMML	62.88	3.04	1.93	14.90	21.66	4.97	0.63	618605

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.77	3.25	2.46	10.67	31.67	5.71	0.76	806284
APP 17-18	62.50	3.00	2.80	10.00	28.00	5.80	0.93	1000000
Apr-17	61.83	3.24	3.00	10.92	30.79	6.24	0.93	72689
May-17	61.41	3.51	2.82	11.18	30.07	6.33	0.80	73121
Jun-17	62.02	3.17	2.79	10.60	30.69	5.96	0.88	109237
Jul-17	62.64	3.77	1.75	10.54	30.97	5.52	0.46	88126
Aug-17	62.87	3.29	1.83	10.30	30.14	5.12	0.56	108748
Sep-17	62.90	3.25	1.87	8.21	28.74	5.12	0.58	71281
Oct-17	62.63	3.34	2.14	7.94	29.37	5.48	0.64	66077
Nov-17	62.72	3.02	2.32	8.32	29.60	5.34	0.77	67148
Dec-17	62.39	3.21	2.69	9.07	29.79	5.90	0.84	72689
Jan-18	62.17	3.48	2.81	11.03	29.48	6.29	0.81	65761
Feb-18	61.85	3.82	2.79	10.26	29.94	6.61	0.73	62902
Mar-18	62.02	3.51	2.86	10.31	29.31	6.37	0.81	122076
CUMML	62.29	3.38	2.47	9.89	29.91	5.85	0.73	979855

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.29	3.89	2.51	8.18	36.27	6.40	0.65	1105746
APP 17-18	62.00	3.80	2.70	5.00	30.00	6.50	0.71	1300000
Apr-17	62.01	3.15	2.69	5.87	37.79	5.84	0.85	96270
May-17	61.43	3.55	2.72	5.57	36.81	6.27	0.77	66385
Jun-17	61.92	3.42	2.55	6.16	36.99	5.97	0.75	86084
Jul-17	62.07	3.76	2.61	6.07	35.99	6.37	0.69	101823
Aug-17	62.35	3.83	2.15	5.95	32.05	5.98	0.56	115317
Sep-17	62.15	4.25	2.02	5.48	30.51	6.27	0.48	84756
Oct-17	62.08	3.98	2.30	5.30	30.48	6.28	0.58	89357
Nov-17	62.08	3.94	2.40	5.44	35.50	6.34	0.61	83350
Dec-17	62.12	3.72	2.44	5.35	36.84	6.16	0.66	125719
Jan-18	61.68	4.18	2.66	4.96	36.65	6.84	0.64	60337
Feb-18	61.34	4.38	3.00	4.83	37.40	7.38	0.68	103238
Mar-18	61.83	3.81	2.83	4.94	36.21	6.64	0.74	88156
CUMML	61.92	3.83	2.53	5.49	35.27	6.36	0.66	1100792

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.77	2.23	2.10	15.18	26.02	4.33	0.94	807301
APP 17-18	62.60	2.40	2.50	10.00	10.00	4.90	1.04	900000
Apr-17	63.04	2.60	1.86	17.92	23.74	4.46	0.72	81265
May-17	62.69	2.24	2.30	14.98	26.60	4.54	1.03	53290
Jun-17	62.93	2.33	2.40	16.11	24.84	4.73	1.03	51331
Jul-17	62.99	3.16	1.92	15.32	24.60	5.08	0.61	40593
Aug-17	63.11	3.20	1.61	17.91	21.30	4.81	0.50	58793
Sep-17	63.05	3.21	1.64	19.26	16.64	4.85	0.51	59046
Oct-17	62.96	3.04	1.81	12.57	22.48	4.85	0.60	48085
Nov-17	63.15	2.80	1.89	15.42	19.27	4.69	0.68	33964
Dec-17	63.16	2.49	1.94	15.83	19.30	4.43	0.78	71799
Jan-18	63.12	2.63	1.87	11.03	18.93	4.50	0.71	14832
Feb-18	62.66	3.03	2.25	17.06	19.77	5.28	0.74	37526
Mar-18	62.88	2.65	2.29	25.01	17.04	4.94	0.86	40400
CUMML	62.98	2.78	1.98	16.54	21.21	4.76	0.71	590924

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.59	2.64	1.94	17.49	23.69	4.58	0.73	147694
APP 17-18	62.50	2.70	2.60	10.00	10.00	5.30	0.96	300000
Apr-17	63.20	2.27	1.94	16.37	23.53	4.21	0.85	31406
May-17	62.80	2.18	2.06	16.18	24.50	4.24	0.94	21528
Jun-17	62.77	2.41	2.13	14.80	26.58	4.54	0.88	17135
Jul-17	62.91	3.11	2.07	14.08	26.58	5.18	0.67	4059
Aug-17	61.41	3.96	2.70	14.35	22.00	6.66	0.68	1704
Sep-17	63.08	2.86	1.99	9.87	25.21	4.85	0.70	21306
Oct-17	62.55	3.62	2.00	7.95	27.40	5.62	0.55	20085
Nov-17	62.43	4.04	1.70	5.66	26.00	5.74	0.42	18231
Dec-17	62.60	3.48	1.93	4.67	24.64	5.41	0.55	16022
Jan-18	63.03	2.61	2.10	5.81	25.68	4.71	0.80	13122
Feb-18	62.89	3.01	1.89	9.86	25.05	4.90	0.63	14974
Mar-18	63.07	2.63	1.77	11.75	26.26	4.40	0.67	7740
CUMML	62.73	3.02	2.02	10.95	25.04	5.04	0.67	187312

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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	83209
Jan-18	62.47	3.10	2.52	5.07	36.49	5.62	0.81	109080
Feb-18	62.02	3.30	3.03	5.11	35.84	6.33	0.92	97138
Mar-18	62.18	3.09	2.88	5.77	35.47	5.97	0.93	88506
CUMML	62.19	3.30	2.60	5.68	34.46	5.90	0.79	927759

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.91	3.13	2.38	3.96	38.93	5.24	0.80	408171
APP 17-18	62.50	2.90	2.80	5.00	40.00	5.70	0.97	700000
Apr-17	62.12	3.05	2.66	3.52	39.76	5.71	0.87	41594
May-17	62.32	2.69	2.34	2.69	41.81	5.03	0.87	62639
Jun-17	62.12	2.88	2.61	2.90	39.82	5.49	0.91	64128
Jul-17	62.85	3.37	1.84	3.34	37.76	5.21	0.55	14203
Aug-17	62.95	3.37	1.54	3.10	38.45	4.91	0.46	5749
Sep-17	62.73	3.40	1.94	2.96	36.71	5.34	0.57	40410
Oct-17	62.89	3.45	1.55	2.93	37.76	5.00	0.45	56715
Nov-17	62.30	3.21	1.75	2.63	41.21	4.96	0.55	60630
Dec-17	62.88	3.14	1.76	2.36	42.43	4.90	0.56	52493
Jan-18	62.78	3.06	2.05	2.04	43.59	5.11	0.67	69014
Feb-18	62.76	3.15	2.00	1.75	43.97	5.15	0.63	55584
Mar-18	62.73	3.00	2.09	1.22	43.80	5.09	0.70	23974
CUMML	62.62	3.15	2.01	2.62	40.59	5.16	0.64	547133

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	62.91	2.29	2.12	10.13	19.48	4.24	1.03	780607
APP 17-18	62.60	2.40	2.50	10.00	10.00	4.90	1.04	800000
Apr-17	62.52	3.25	1.99	12.99	19.42	5.24	0.61	46699
May-17	62.60	1.81	2.05	11.06	21.73	3.86	1.13	61975
Jun-17	62.83	1.84	2.05	9.75	17.04	3.89	1.11	65928
Jul-17	62.78	3.07	1.64	9.98	16.64	4.71	0.53	65431
Aug-17	62.70	3.17	1.37	18.94	13.56	4.54	0.43	85090
Sep-17	62.75	2.94	1.68	18.88	12.70	4.62	0.57	90852
Oct-17	62.39	2.42	1.77	13.65	14.27	4.19	0.73	72059
Nov-17	62.52	1.92	2.05	11.81	13.50	3.97	1.07	70326
Dec-17	63.09	1.94	1.95	11.32	15.57	3.89	1.01	78000
Jan-18	62.43	1.92	2.33	11.94	15.65	4.25	1.21	66690
Feb-18	62.61	1.67	2.51	24.68	10.93	4.18	1.50	80470
Mar-18	63.08	1.56	2.09	29.61	11.22	3.65	1.34	81900
CUMML	62.70	2.27	1.95	15.32	15.19	4.22	0.86	865420

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	62.61	3.05	1.79	12.18	16.82	4.54	0.63	522831
APP 17-18	62.50	2.70	2.60	10.00	10.00	5.30	0.96	400000
Apr-17	63.13	2.28	1.50	12.33	17.75	3.78	0.66	28274
May-17	63.01	1.86	1.44	12.19	17.67	3.30	0.77	25728
Jun-17	62.49	2.43	2.03	6.03	17.24	4.46	0.84	43751
Jul-17	62.70	2.91	1.84	5.29	16.34	4.75	0.63	51319
Aug-17	62.38	4.08	1.44	13.13	16.81	5.52	0.35	47854
Sep-17	62.13	4.45	1.41	17.82	19.47	5.86	0.32	38975
Oct-17	62.53	3.33	1.68	10.80	18.35	5.01	0.50	37736
Nov-17	62.55	4.33	1.86	6.87	18.53	6.19	0.43	32983
Dec-17	62.85	3.08	1.77	9.15	15.03	4.85	0.57	29510
Jan-18	63.08	2.46	1.32	3.90	20.66	3.78	0.54	26325
Feb-18	63.10	2.28	1.55	9.88	12.87	3.83	0.68	34125
Mar-18	63.75	1.70	1.22	20.92	12.80	2.92	0.72	52506
CUMML	62.72	2.94	1.59	10.62	16.98	4.53	0.54	449086

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	62.99	2.58	2.42	8.33	39.51	5.38	1.00	1195329
APP 17-18	62.70	2.80	2.90	10.00	30.00	5.70	1.04	1800000
Apr-17	62.54	2.93	2.63	5.54	47.79	5.56	0.90	107133
May-17	62.33	2.60	2.64	9.13	38.96	5.24	1.02	107267
Jun-17	62.20	2.69	2.82	6.34	38.11	5.51	1.05	84755
Jul-17	62.98	3.36	2.03	5.25	42.90	5.39	0.60	87032
Aug-17	63.92	2.77	1.48	4.52	41.79	4.25	0.53	106463
Sep-17	63.16	2.77	1.85	4.43	38.53	4.62	0.67	101840
Oct-17	62.79	2.89	2.17	5.13	34.56	5.06	0.75	112225
Nov-17	62.69	2.47	2.00	4.86	36.90	4.47	0.81	101022
Dec-17	63.10	2.51	2.27	4.96	45.23	4.78	0.90	119015
Jan-18	62.88	2.54	2.38	4.37	46.43	4.92	0.94	155545
Feb-18	63.07	2.48	2.46	4.99	46.66	4.94	0.99	136890
Mar-18	62.67	2.45	2.54	8.58	39.37	4.99	1.04	135720
CUMML	62.89	2.69	2.26	5.71	41.45	4.95	0.84	1354907

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPY
Act 16-17	63.13	2.99	1.96	3.83	50.33	4.66	0.71	927188
APP 17-18	62.50	2.90	2.80	5.00	40.00	5.70	0.97	400000
Apr-17	63.14	2.84	2.21	1.92	53.37	5.05	0.78	52930
May-17	63.54	1.79	1.80	2.28	50.39	3.59	1.01	58759
Jun-17	63.60	2.09	1.90	3.10	43.61	3.99	0.91	51590
Jul-17	63.87	2.74	1.66	2.70	49.49	4.40	0.61	108687
Aug-17	63.86	3.03	1.27	2.73	50.68	4.30	0.42	108616
Sep-17	64.13	2.53	1.46	3.09	48.48	3.99	0.58	83157
Oct-17	64.18	3.40	1.42	2.21	54.22	4.82	0.42	93214
Nov-17	64.07	2.80	1.57	2.48	53.10	4.37	0.56	96962
Dec-17	64.38	2.23	1.29	1.47	56.72	3.52	0.58	87165
Jan-18	64.27	2.03	1.42	3.06	53.31	3.45	0.70	82875
Feb-18	64.34	1.93	1.46	2.00	55.26	3.39	0.76	84370
Mar-18	63.91	2.27	1.59	1.99	53.52	3.86	0.70	106660
CUMML	63.95	2.47	1.58	2.43	51.83	4.05	0.64	1014985

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.60	2.47	1.85	18.14	18.56	4.32	0.75	750125
APP 17-18	63.00	2.60	2.50	10.00	15.00	5.10	0.96	700000
Apr-17	62.91	2.31	2.26	20.50	20.90	4.57	0.98	84635
May-17	62.65	2.66	2.25	19.90	20.80	4.91	0.85	57809
Jun-17	62.48	2.59	2.53	19.90	20.80	5.12	0.98	60585
Jul-17	61.93	3.11	2.86	19.70	21.00	5.97	0.92	69349
Aug-17	62.11	3.47	2.52	15.60	21.70	5.99	0.73	73859
Sep-17	62.38	3.02	2.48	10.80	21.60	5.50	0.82	60447
Oct-17	62.37	2.81	2.92	9.60	20.40	5.73	1.04	63152
Nov-17	62.61	2.92	2.50	9.40	20.20	5.42	0.86	73703
Dec-17	62.58	2.91	2.57	7.30	19.50	5.48	0.88	62969
Jan-18	62.65	3.03	2.37	9.00	17.40	5.40	0.78	60859
Feb-18	62.72	2.94	2.40	8.30	19.90	5.34	0.82	66864
Mar-18	63.05	2.60	2.32	9.50	19.00	4.92	0.89	35658
CUMML	62.53	3.04	2.66	14.17	21.64	5.70	0.88	769889

मेघाहातुबुरु

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.66	2.89	2.36	21.42	19.65	5.25	0.82	462287
APP 17-18	62.50	3.00	2.50	15.00	15.00	5.50	0.83	300000
Apr-17	62.64	2.33	2.45	23.40	19.00	4.78	1.05	38368
May-17	62.76	2.47	2.24	22.40	19.40	4.71	0.91	51114
Jun-17	62.59	2.46	2.79	22.40	19.40	5.25	1.13	36089
Jul-17	61.98	3.14	2.77	22.30	19.20	5.91	0.88	36523
Aug-17	61.98	3.38	2.61	22.30	19.20	5.99	0.77	54536
Sep-17	62.14	3.22	2.57	13.60	19.40	5.79	0.80	47102
Oct-17	62.36	3.06	2.74	8.20	21.20	5.80	0.90	18086
Nov-17	62.65	2.79	2.59	8.40	20.40	5.38	0.93	36273
Dec-17	62.46	3.13	2.52	7.40	16.70	5.65	0.81	43618
Jan-18	62.35	3.17	2.57	7.50	18.00	5.74	0.81	40201
Feb-18	62.51	3.15	2.46	8.70	18.00	5.61	0.78	52137
Mar-18	62.81	2.85	2.40	13.20	18.80	5.25	0.84	68738
CUMML	62.45	2.95	2.53	15.25	18.89	5.48	0.86	522785

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किरीबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.26	3.02	2.60			5.62	0.86	1300740
APP 17-18	62.50	3.00	2.80	10.00	28.00	5.80	0.93	1600000
Apr-17	62.03	2.93	2.76			5.69	0.94	132758
May-17	62.30	2.85	2.40			5.25	0.84	138383
Jun-17	62.08	2.96	2.72			5.68	0.92	88744
Jul-17	62.08	3.16	2.52			5.68	0.80	124451
Aug-17	61.81	3.76	2.47			6.23	0.66	135052
Sep-17	62.22	3.04	2.36			5.40	0.78	123799
Oct-17	62.12	3.09	2.73	8.00	36.50	5.82	0.88	135701
Nov-17	62.20	3.50	2.10			5.60	0.60	169841
Dec-17	62.10	3.20	2.50			5.70	0.78	179032
Jan-18	62.00	3.30	2.50			5.80	0.76	169304
Feb-18	62.32	3.06	2.38			5.44	0.78	193225
Mar-18	62.50	2.83	2.51	11.00	28.00	5.34	0.89	114272
CUMML	62.19	3.08	2.51	8.00	34.25	5.59	0.81	1704562

मेघाहातुबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.08	3.45	2.57			6.02	0.74	880831
APP 17-18	62.00	3.80	2.70	5.00	30.00	6.50	0.71	650000
Apr-17	61.93	3.17	2.62			5.79	0.83	78628
May-17	62.03	3.12	2.58			5.70	0.83	60436
Jun-17	62.04	2.86	2.94			5.80	1.03	110284
Jul-17	62.18	3.01	2.52			5.53	0.84	78542
Aug-17	61.78	3.77	2.40			6.17	0.64	72052
Sep-17	62.05	3.10	2.40			5.50	0.77	121117
Oct-17	62.05	2.94	2.82	6.71	34.57	5.76	0.96	93111
Nov-17	62.23	3.06	2.47	7.00	34.00	5.53	0.81	130855
Dec-17	62.20	3.11	2.47	11.00	18.00	5.58	0.79	152844
Jan-18	62.15	3.15	2.50			5.65	0.79	150008
Feb-18	62.29	3.13	2.35			5.48	0.75	70444
Mar-18	62.37	2.85	2.60	8.00	40.00	5.45	0.91	119067
CUMML	62.13	3.08	2.56	8.23	28.85	5.64	0.83	1237388

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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	63.55	2.10	2.05	7.00	15.30	4.15	0.98	25623
Feb-18	63.57	2.14	1.97	8.40	14.50	4.11	0.92	40800
Mar-18	63.62	2.00	2.20	6.80	15.40	4.20	1.10	18261
CUMML	63.36	2.08	2.07	9.81	16.57	4.15	1.00	490459

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लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.05	2.37	2.19	18.74	17.46	4.56	0.92	102444
APP 17-18	63.00	2.00	2.20	10.00	10.00	4.20	1.10	
Apr-17	63.50	1.77	1.93	20.70	18.30	3.70	1.09	11573
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17	63.30	2.20	2.30	15.00	13.00	4.50	1.05	3354
Jan-18								
Feb-18								
Mar-18	63.40	2.50	2.40	10.00	18.00			3656
CUMML	63.44	2.07	2.14	16.32	17.40	4.21	1.03	18583

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लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.94	2.23	2.45	2.23	2.45	4.68	1.10	100254
APP 17-18	62.00	2.70	3.10	10.00	10.00	5.80	1.15	200000
Apr-17	63.49	1.88	2.20	16.60	20.00	4.08	1.17	19887
May-17	63.19	1.95	2.38	16.00	20.30	4.33	1.22	44424
Jun-17	63.16	2.01	2.16	16.00	20.30	4.17	1.07	31932
Jul-17	63.08	2.60	1.80	9.80	17.50	4.40	0.69	26127
Aug-17	63.13	2.24	2.10	9.00	18.80	4.34	0.94	29272
Sep-17	63.32	2.15	2.18	8.50	18.10	4.33	1.01	39580
Oct-17	63.10	2.80	2.00	7.00	17.00	4.80	0.71	6620
Nov-17	63.50	2.00	2.10	8.00	17.00	4.10	1.05	3098
Dec-17	63.38	2.17	2.18	6.40	18.40	4.35	1.00	27438
Jan-18	63.57	2.15	1.98	9.50	17.30	4.13	0.92	26766
Feb-18	63.64	2.10	1.87	8.60	16.60	3.97	0.89	26616
Mar-18	63.90	2.01	1.93	7.60	18.40	3.94	0.96	35798
CUMML	63.44	2.12	2.05	10.23	16.33	4.17	0.97	317558

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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	63.13	2.18	2.09			4.27	0.96	40801
Feb-18	63.13	2.23	1.97			4.20	0.88	18252
Mar-18	63.26	2.14	2.12	6.00	37.00	4.26	0.99	63175
CUMML	63.00	2.26	2.14	7.35	28.90	4.40	0.95	531521

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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	5.66	30.75	5.11	1.02	39141

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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								

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	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
Act 16-17	64.30	1.39	2.41	24.06	10.21	3.80	1.73	449000
APP 17-18	62.60	2.40	2.50	10.00	10.00	4.90	1.04	500000
Apr-17	62.71	2.27	3.62	28.20	10.70	5.89	1.59	25560
May-17								
Jun-17	63.84	3.32	2.97	23.03	7.02	6.29	0.89	61123
Jul-17	60.57	6.05	2.73	15.81	29.97	8.78	0.45	35137
Aug-17	61.95	4.42	2.29	17.78	19.03	6.71	0.52	58364
Sep-17	63.29	2.77	2.47	14.79	24.21	5.24	0.89	41767
Oct-17	62.85	2.64	3.17	10.58	9.79	5.81	1.20	32700
Nov-17	62.48	2.59	3.54	5.75	0.72	6.13	1.37	59580
Dec-17	62.98	2.43	3.01	26.92	9.10	5.44	1.24	34320
Jan-18	62.69	2.54	3.07	21.49	1.06	5.61	1.21	53839
Feb-18	63.36	1.63	2.86	28.67	0.92	4.49	1.75	44159
Mar-18	62.95	1.41	2.62	22.62	0.74	4.03	1.86	53631
CUMML	62.64	2.81	3.01	17.15	5.55	5.82	1.07	500180

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लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
Act 16-17	63.51	2.20	2.53	23.63	9.48	4.73	1.15	276000
APP 17-18	62.50	2.70	2.60	10.00	10.00	5.30	0.96	300000
Apr-17	63.84	1.54	2.61	27.15	8.35	4.15	1.69	39740
May-17								
Jun-17	61.77	4.04	3.21	16.66	6.55	7.25	0.79	10273
Jul-17								
Aug-17								
Sep-17	64.18	1.09	2.19	24.32	15.78	3.28	2.01	3300
Oct-17								
Nov-17								
Dec-17	61.17	3.98	2.25	5.35	1.71	6.23	0.57	10560
Jan-18	63.23	2.73	2.02	17.25	1.30	4.75	0.74	27736
Feb-18	62.53	3.06	2.91	23.92	0.54	5.97	0.95	34345
Mar-18	63.49	1.52	2.53	37.66	0.46	4.05	1.66	39117
CUMML	62.82	2.93	2.43	22.20	2.50	5.36	0.83	165071

मनोहरपुर

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
Act 16-17	64.40	1.23	2.99	26.11	7.83	4.22	2.43	103000
APP 17-18	63.00	2.00	2.20	10.00	10.00	4.20	1.10	150000
Apr-17	63.93	1.82	2.73	26.30	6.70	4.55	1.50	6600
May-17								
Jun-17	61.34	4.69	4.70	12.42	21.63	9.39	1.00	13170
Jul-17								
Aug-17								
Sep-17								
Oct-17	63.00	1.41	4.57	9.26	8.89	5.98	3.24	3300
Nov-17	62.20	2.43	2.90	17.86	1.50	5.33	1.19	3300
Dec-17								
Jan-18								
Feb-18	61.80	1.15	3.84	32.11	0.57	4.99	3.34	9813
Mar-18	64.09	1.58	1.32	44.74	0.45	2.90	0.84	6844
CUMML	62.41	2.41	3.68	23.83	4.96	6.09	1.53	43027

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बोलानी

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
Act 16-17	62.09	2.84	3.83	10.92	41.61	6.67	1.35	828000
APP 17-18	62.70	2.80	2.90	10.00	30.00	5.70	1.04	900000
Apr-17	61.33	3.10	4.44	14.78	45.87	7.54	1.43	100578
May-17	61.62	2.41	4.36	14.61	45.91	6.77	1.81	76902
Jun-17	60.59	3.58	4.39	25.46	32.59	7.97	1.23	114424
Jul-17	61.72	3.28	4.10	8.84	36.67	7.38	1.25	75040
Aug-17	62.41	3.23	3.35	9.36	33.71	6.58	1.04	137700
Sep-17	62.16	3.58	3.38	15.36	32.40	6.96	0.94	73357
Oct-17	61.68	3.87	3.37	10.30	35.39	7.24	0.87	62564
Nov-17	61.93	3.47	3.69	7.45	35.65	7.16	1.06	87821
Dec-17	62.27	3.56	3.45	7.64	40.35	7.01	0.97	126880
Jan-18	62.21	3.41	3.24	6.90	47.55	6.65	0.95	110550
Feb-18	62.02	3.43	3.46	9.10	46.43	6.89	1.01	98944
Mar-18	61.90	3.36	3.64	7.92	40.36	7.00	1.08	110280
CUMML	62.37	2.93	3.14	9.05	42.61	6.07	1.07	1175040

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फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
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	5.00	40.00	5.70	0.97	1.00	1900000
Apr-17	62.34	2.72	3.69	11.85	48.27	6.41	1.36	106482
May-17	62.40	2.55	3.80	11.71	50.47	6.35	1.49	78896
Jun-17	62.49	2.91	3.05	14.42	47.00	5.96	1.05	105838
Jul-17	62.98	3.11	2.82	2.10	46.05	5.93	0.91	85783
Aug-17	63.63	2.76	2.41	4.83	49.34	5.17	0.87	118524
Sep-17	63.22	2.75	2.69	7.45	49.51	5.44	0.98	79242
Oct-17	63.10	2.76	2.75	6.31	52.14	5.51	1.00	125274
Nov-17	62.73	3.28	2.52	3.76	54.04	5.80	0.77	96654
Dec-17	63.28	2.61	2.34	4.58	48.87	4.95	0.90	101643
Jan-18	63.47	2.37	2.36	4.17	23.61	4.73	1.00	90750
Feb-18	62.12	3.23	3.40	8.50	48.13	6.63	1.05	78231
Mar-18	62.47	3.18	2.90	10.49	49.03	6.08	0.91	86040
CUMML	62.95	2.83	2.75	3.39	50.66	5.58	0.97	1153357

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फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
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	62.01	3.55	3.53	7.77	38.51	7.08	0.99	128900

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	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	63.76	2.35	1.99	15.91	23.64	4.34	0.85	1814533
APP 17-18	62.70	2.65	2.50	12.00	13.00	5.15	0.94	2700000
Apr-17	63.02	2.51	1.98	17.70	23.06	4.49	0.79	195954
May-17	62.81	2.28	2.11	16.75	22.75	4.39	0.92	164245
Jun-17	63.19	2.30	1.94	15.03	21.19	4.24	0.84	176627
Jul-17	63.35	2.75	1.72	13.74	22.16	4.47	0.63	144606
Aug-17	63.09	3.24	1.60	15.65	19.79	4.84	0.49	168431
Sep-17	63.03	3.19	1.75	14.52	18.83	4.94	0.55	183037
Oct-17	63.24	2.95	1.67	10.17	22.12	4.62	0.57	190136
Nov-17	63.16	2.94	1.72	10.96	18.65	4.67	0.59	202148
Dec-17	63.40	2.55	1.78	11.94	18.62	4.32	0.70	167150
Jan-18	63.37	2.69	1.79	11.23	19.25	4.47	0.67	204346
Feb-18	63.22	2.76	1.97	13.65	17.71	4.73	0.71	199527
Mar-18	63.42	2.49	1.99	12.31	17.07	4.48	0.80	230421
CUMML	63.19	2.73	1.86	13.54	19.96	4.58	0.68	2226628

गृणवत्ता:: दर्गापुर

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.75	2.69	1.98	11.04	18.50	4.67	0.74	1381211
APP 17-18	62.60	2.50	2.50	10.00	10.00	5.00	1.00	1300000
Apr-17	62.75	2.88	1.81	12.74	18.79	4.69	0.63	74973
May-17	62.68	1.82	1.95	11.40	21.48	3.77	1.07	91278
Jun-17	62.69	2.08	2.04	8.27	17.12	4.12	0.98	109679
Jul-17	62.80	2.93	1.69	7.94	16.24	4.62	0.58	128060
Aug-17	62.58	3.45	1.41	17.20	14.72	4.86	0.41	144189
Sep-17	62.56	3.39	1.60	18.56	14.73	4.99	0.47	129827
Oct-17	62.52	2.71	1.73	11.86	16.83	4.44	0.64	121235
Nov-17	62.53	2.69	1.99	10.23	15.11	4.68	0.74	103309
Dec-17	63.02	2.25	1.90	10.72	15.42	4.15	0.84	107510
Jan-18	62.61	2.07	2.04	9.66	17.07	4.12	0.99	93015
Feb-18	62.75	1.87	2.19	20.08	11.67	4.06	1.17	118040
Mar-18	63.31	1.67	1.73	25.97	11.94	3.40	1.03	137851
CUMML	62.74	2.51	1.82	14.21	15.62	4.33	0.72	1358966

BLEND

गृणवत्ता :: बोकारो

फाईन्स

	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	62.57	3.22	2.32	5.53	35.20	5.54	0.72	371969
Jan-18	62.54	3.23	2.43	5.49	35.94	5.66	0.75	343131
Feb-18	62.09	3.56	2.75	5.36	36.03	6.31	0.77	349391
Mar-18	62.32	3.26	2.71	6.47	33.31	5.97	0.83	382381
CUMML	62.33	3.35	2.41	6.13	33.98	5.76	0.72	3910390

BLEND

गृणवत्ता:: दर्गापुर

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.97	2.88	2.23	6.36	44.13	5.11	0.77	2205352
APP 17-18	62.60	2.90	2.90	9.00	32.00	5.80	1.00	2400000
Apr-17	62.74	2.90	2.49	4.34	49.64	5.39	0.86	160063
May-17	62.76	2.31	2.34	6.71	43.01	4.66	1.01	166026
Jun-17	62.73	2.46	2.47	5.11	40.19	4.93	1.00	136345
Jul-17	63.51	2.99	1.80	3.77	46.98	4.80	0.60	202620
Aug-17	63.89	2.90	1.37	3.62	46.28	4.28	0.47	215079
Sep-17	63.60	2.66	1.67	3.83	43.00	4.34	0.63	184997
Oct-17	63.38	3.14	1.83	3.89	43.48	4.97	0.58	216526
Nov-17	63.37	2.63	1.79	3.69	44.83	4.42	0.68	197984
Dec-17	63.64	2.39	1.86	3.48	50.09	4.25	0.78	206180
Jan-18	63.34	2.44	2.06	3.87	48.64	4.49	0.84	248680
Feb-18	63.55	2.27	2.08	3.85	49.94	4.35	0.92	221260
Mar-18	63.18	2.41	2.14	5.67	45.54	4.55	0.89	249270
CUMML	63.34	2.62	1.97	4.27	46.20	4.59	0.75	2405030

गुणवत्ता :: राउरकेला

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/SI	RECPT
Act 16-17	62.80	2.50	2.13	18.48	18.77	4.63	0.85	1994671
APP 17-18	62.80	2.50	2.50	11.00	13.00	5.00	1.00	2000000
Apr-17	63.02	2.15	2.23	19.70	19.74	4.39	1.04	206139
May-17	62.98	2.26	2.25	18.73	19.73	4.51	1.00	216151
Jun-17	62.73	2.37	2.47	17.89	19.96	4.84	1.04	150172
Jul-17	62.40	2.81	2.51	16.47	19.09	5.32	0.89	167055
Aug-17	62.47	2.99	2.36	14.92	19.40	5.35	0.79	204901
Sep-17	62.70	2.68	2.35	10.44	19.18	5.03	0.88	192977
Oct-17	62.52	2.84	2.71	8.69	19.71	5.54	0.95	101930
Nov-17	62.89	2.65	2.36	8.21	19.01	5.01	0.89	161963
Dec-17	63.03	2.53	2.30	7.14	17.13	4.83	0.91	216009
Jan-18	62.88	2.76	2.30	8.36	17.19	5.06	0.83	153449
Feb-18	62.98	2.70	2.25	8.48	17.72	4.95	0.83	186417
Mar-18	63.21	2.51	2.26	10.36	18.35	4.76	0.90	162111
CUMML	62.85	2.65	2.40	12.86	18.96	5.04	0.90	2119274

गृणवत्ता :: बर्नपर इस्पात संयंत्र

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	62.84	2.61	2.79	20.83	1.08	5.40	1.07	104416
Feb-18	62.78	2.29	2.95	26.79	0.73	5.24	1.29	91588
Mar-18	63.19	1.46	2.88	29.06	0.63	4.34	1.98	116102
CUMML	62.64	2.79	2.97	18.42	4.74	5.76	1.07	770640

गुणवत्ता :: राउरकेला
फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.23	3.06	2.53			5.59	0.83	3156592
APP 17-18	62.50	2.95	2.75			5.70	0.93	4400000
Apr-17	62.16	2.82	2.64			5.46	0.94	272912
May-17	62.34	2.85	2.38			5.22	0.84	247507
Jun-17	62.07	2.87	2.86			5.73	1.00	217056
Jul-17	62.10	3.14	2.50			5.65	0.80	218220
Aug-17	61.83	3.73	2.43			6.16	0.65	214600
Sep-17	62.29	2.94	2.29			5.23	0.78	293374
Oct-17	62.37	2.79	2.58			5.37	0.92	324328
Nov-17	62.37	3.11	2.23			5.34	0.72	372025
Dec-17	62.33	2.97	2.42			5.38	0.81	414042
Jan-18	62.19	3.11	2.45			5.56	0.79	360113
Feb-18	62.36	3.02	2.35			5.37	0.78	281921
Mar-18	62.61	2.69	2.46			5.15	0.92	296514
CUMML	62.30	2.95	2.47			5.42	0.84	3512612

गृणवत्ता :: बर्नपर इस्पात संयंश्र

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	62.78	2.94	2.84	5.67	36.76	5.78	0.97	201300
Feb-18	62.05	3.36	3.45	8.59	47.02	6.81	1.03	187162
Mar-18	62.11	3.27	3.38	8.66	44.37	6.65	1.03	213960
CUMML	62.59	3.13	3.39	6.41	45.97	6.52	1.08	2530484

अवनाथपुर

गृणवत्ता :: बोकारो इस्पात संयंत्र

BF LST

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

गृणवत्ता :: बोकारो

तलसीदामर

BF DOLOMITE

	CaO	MgO	SiO ₂	OS	US
Act 16-17	30.27	19.21	3.94	5.92	8.95
APP 17-18	30.00	18.00	5.00	5.00	10.00
Apr-17	27.13	17.02	6.03	11.65	13.30
May-17	27.97	17.13	5.53	8.70	10.33
Jun-17					
Jul-17					
Aug-17					
Sep-17					
Oct-17					
Nov-17					
Dec-17					
Jan-18	29.11	19.13	5.17	4.25	9.50
Feb-18	30.25	19.45	5.08	4.80	8.45
Mar-18	30.92	19.57	4.98	3.70	9.40
CUMML	29.75	18.89	5.47	5.92	9.88

कुटेश्वर

गृणवत्ता :: बोकारो इस्पात संयं

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 16-17	44.77	2.56	3.59	2.63	24.9
APP 17-18	50.00	2.25	3.50	5.00	5.00
Apr-17	44.02	2.90	3.74	2.17	27.19
May-17	44.93	2.86	3.46	3.53	28.13
Jun-17	47.67	2.43	3.23	2.67	27.16
Jul-17	46.71	2.78	3.27	3.28	25.16
Aug-17	46.11	2.72	3.39	3.95	25.24
Sep-17	46.06	2.70	3.22	3.77	23.48
Oct-17	45.74	3.20	3.58	4.62	24.53
Nov-17	45.34	2.90	3.41	5.02	31.26
Dec-17	45.31	2.07	3.13	5.14	23.47
Jan-18	44.25	2.04	3.18	6.25	22.38
Feb-18	44.49	1.95	3.16	4.01	30.58
Mar-18	44.87	2.25	3.16	3.58	25.04
CUMML	45.56	2.57	3.33	4.00	26.14

गृणवत्ता :: भिलाई

कुटेश्वर

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 16-17	49.81	2.15	3.92	7.05	17.88
APP 17-18	50.00	2.25	3.50	5.00	5.00
Apr-17	49.32	2.40	4.31	7.60	16.19
May-17	50.24	1.92	3.87	7.82	17.41
Jun-17	51.47	1.40	3.18	6.51	17.24
Jul-17	51.11	1.61	3.34	6.63	20.04
Aug-17	50.04	2.12	3.75	7.49	17.84
Sep-17	50.11	2.23	3.59	7.90	18.80
Oct-17	50.31	2.06	3.54	7.81	17.49
Nov-17	50.87	1.58	3.55	6.04	18.83
Dec-17	50.54	1.81	3.58	7.59	18.32
Jan-18	50.39	2.00	3.63	7.18	19.48
Feb-18	51.01	1.67	3.34	7.12	18.42
Mar-18	50.08	1.93	4.03	6.28	19.94
CUMML	50.40	1.89	3.64	7.16	18.33

PROJ. NO.	CUMM. UTILIS UPTO Mar'18	MAKE / TYPE	CAP	DATE OF COMMISSION	MARCH 2018										2017-18											
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	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										7320	7320									
BE-18	22660	BEML,BE-1000	4.5CU.M	31-Jul-08	620	620										7320	6025	525	1296	771	17.7	59.5	10.5	8.19	37.63	
				SUB TOTAL	1240	1240										17680	16317	533	1364	831	7.7	60.9	4.7	7.59	34.91	
EX-19	20319	KOMATSU PC2000-8	9.5 CU.M	14-Nov-11																						
EX-20	23066	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	12	288	608	320	98.06	52.63	51.61	1620	5.06	50.94	7320	2534	2871	4786	1915	65.4	40.0	26.2	5.36	65.28	
EX-22	10613	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620	22	183	598	415	96.45	69.40	66.94	2152	5.19	62.41	7320	135	2921	7185	4264	98.2	59.3	58.3	5.43	65.57	
EX-23	10953	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620	57	323	563	240	90.81	42.63	38.71	1293	5.39	60.63	7320	334	2259	6986	4727	95.4	67.7	64.6	5.64	68.40	
*EX-19 shifted to MIOM during July 16					SUB TOTAL	1860	91	794	1769	975	95.11	55.12	52.42	5065	5.19	58.21	21960	3003	8051	18957	10906	86.3	57.5	49.7	5.51	66.75
				TOTAL	3100	1331	794	1769	975	57.06	55.12	31.45	5065	5.19	58.21	39640	19320	8584	20321	11737	51.3	57.8	29.6	5.66	64.49	
DUMPERS																										
DUMPER, 85 TE DUM-87	13945	BEML,BH-85	85Te	30-Mar-08	620	620										6700	5234	369	1466	1097	21.9	74.8	16.4	2.30	27.39	
				TOTAL	620	620										6700	5234	369	1466	1097	21.9	74.8	16.4	2.30	27.39	
DUM 88	29200	KOMATSU HD785-7	100 Te	23-Jul-10	620	316	109	304	195	49.03	64.14	31.45	579	2.97	37.69	6720	2742	1524	3978	2454	59.2	61.7	36.5	3.79	42.56	
DUM 89	32153	KOMATSU HD785-7	100Te	23-Jul-10	620	280	125	340	215	54.84	63.24	34.68	760	3.53	40.70	6720	1471	2149	5249	3100	78.1	59.1	46.1	3.64	47.85	
DUM-91	18487	CAT 777D	100T	2-Feb-12	620	99	304	521	217	84.03	41.65	35.00	737	3.40	32.72	6720	772	4196	5948	1752	88.5	29.5	26.1	3.93	43.62	
DUM-92	21292	CAT 777D	100T	2-Feb-12	620	84	211	536	325	86.45	60.63	52.42	1092	3.36	26.00	7320	4560	1698	2760	1062	37.7	38.5	14.5	3.46	33.77	
DUM-93	6570	BEML BH-100	100T	2-May-15	620	267	226	353	127	56.94	35.98	20.48	352	2.77	33.46	7320	696	4591	6624	2033	90.5	30.7	27.8	4.38	45.34	
DUM-94	4413	BEML BH-100	100T	2-May-15	620	47	299	573	274	92.42	47.82	44.19	851	3.11	34.49	7320	2795	2855	4525	1670	61.8	36.9	22.8	3.97	43.53	
DUM-95	3960	BEML BH-100S	100T	May 2016	620	2	380	618	238	99.68	38.51	38.39	694	2.92	29.24	7320	523	3843	6797	2954	92.9	43.5	40.4	3.33	44.30	
				TOTAL	4340	1095	1654	3245	1591	74.77	49.03	36.66	5065	3.18	32.88	49440	13559	20856	35881	15025	72.6	41.9	30.4	3.76	43.98	
DRILL																										
DM-17	21929	IR-ROTACOL-IDM-30	160mm	24-Mar-05	496	154	216	342	126	68.95	36.84	25.40	1143	9.07	34.92	5856	3855	1242	2001	759	34.2	37.9	13.0	6.05	48.39	
DM-18	24265	AC-ROTACOL-IDM-30	160mm	19-May-08	496	200	118	296	178	59.68	60.14	35.89	1892	10.63	28.65	5856	3576	1142	2280	1138	38.9	49.9	19.4	2.57	42.22	
DM-19	18768	AC-ROTACOL-IDM-30	160mm	14-Oct-09	496	496										5856	5856									
DM-20	9505	AC-ROTACOL-IDM-30	160mm	Oct '14	496	87	166	409	243	82.46	59.41	48.99	2724	11.21	20.99	5856	941	1865	4915	3050	83.9	62.1	52.1	6.00	37.88	
				TOTAL	1984	937	500	1047	547	52.77	52.24	27.57	5759	10.53	26.69	23424	14228	4249	9196	4947	39.3	53.8	21.1	5.22	40.49	
DOZER																										
DOZ-27	31534	BEML, D-355	410HP	15-May-01	496	496										5856	2649	1891	3207	1316	54.8	41.0	22.5		23.35	
DOZ-28	24080	BEML, D-355	410HP	14-May-04	496	83	310	413	103	83.27	24.94	20.77				14.08	5856	4716	931	1140	209	19.5	18.3	3.6		27.99
DOZ-29	18367	BEML, D-355	410HP	11-Jun-04	496	496										5856	5856									
DOZ-30	18722	BEML, D-355	410HP	8-Jul-07	496	80	120	416	296	83.87	71.15	59.68				22.09	5856	1063	3025	4793	1769	81.8	36.9	30.2		34.46
DOZ-31	16735	BEML, D-355	410 HP	19-Feb-09	496	201	100	295	195	59.48	66.10	39.31				20.77	5856	1220	2940	4637	1697	79.2	36.6	29.0		35.63
DOZ-32	4528	BEML, D-355	410 HP	17-Apr-15	496	400	15	96	81	19.35	84.38	16.33				32.72	5856	2386	1997	3471	1474	59.3	42.5	25.2		38.57
DOZ-33		BEML, D-356	410HP	22-Sep-17	496	2	263	494	231	99.60	46.76	46.57				32.47	3056	385	1426	2671	1245	87.4	46.6	40.7		34.90
				TOTAL	2976	1756	545	1220	675	40.99	55.33	22.68				21.76	35136	18274	10784	16862	6079	48.0	36.0	17.3		35.34
PAY LOADER																										
FEL-4	7999	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248	40	147	208	61	83.87	29.33	24.60				20.49	2928	1073	1163	1855	692	63.4	37.3	23.6		20.92
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										2928	2928									
MG-8	3387	BEML, BG825	280HP	19-May-12	248	14	186	234	48	94.35	20.51	19.35				22.92	2928	1565	1054	1363	309	46.6	22.7	10.6		23.30
				TOTAL	496	262	186	234	48	47.18	20.51	9.68				22.92	6096	4493	1054	1603	549	26.3	34.2	9.0		13.11

MEGHAHATUBURU IRON ORE MINES

EQUIPMENT PERFORMANCE REPORT OF HEMM

PROJ. NO.	CUM. UTILIS. UPTO Mar'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	MAR 2016											2017-2018												
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT% oprn	NET net	TRIP	FEED RATE	HSD/HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT% net	Oprn UT %	FEED RATE	HSD/HR			
EXCAVATORS																												
4.5 CUM.																												
BE-11	36090	BEML	4.5 CUM	30-09-2005	744	232	459	512	53	68.82	10.35	7.12	104.00	1.96	22.64	8760	5368	2582	3393	811	38.73	9.25	23.89	2	28.71			
			4.5 CUM	TOTAL	744	232	459	512	53	68.82	10.35	7.12	104.00	1.96	22.64	8760	5368	2582	3393	811	38.73	9.25	23.89	2	28.71			
9.5 CUM.																												
PC-14	28113	KOMATSU	9.5 CUM	20-01-2012	744	234	236	510	274	68.55	53.73	36.83	3715	13.56	79.01	8760	2938	2380	5823	3443	66.47	39.30	59.13	11	75.79			
PC-17	12066	KOMATSU	9.5 CUM	24-07-2015	744	100	220	644	424	86.56	65.84	56.99	5235	12.35		8760	1826	2599	6935	4336	79.16	49.50	62.53	10	77.35			
PC-18	25620	KOMATSU	9.5 CUM	11-07-2016	744	185	190	559	369	75.13	66.01	49.60	4031	10.92		8760	2235	2646	6526	3880	74.49	44.29	59.46	10	77.53			
			9.5 CUM	TOTAL	2232	519	646	1713	1067	76.75	62.29	47.80	12981	12.17	79.19	26280	6998	7624	19283	11659	73.37	44.36	60.46	10	76.95			
DUMPER,50 TE																												
D - 49	27603	BEML	50 TON	05-03-2007	744	389	324	355	31	47.72	8.73	4.17	40.00	1.29	20.97	8760	6558	2030	2202	173	25.14	1.97	7.83	2	21.16			
D - 50	23955	BEML	50 TON	15-04-2007	744	264	468	480	12	64.52	2.50	1.61	8.00	0.67	20.83	8760	7959	702	802	100	9.15	1.14	12.48	2	23.50			
			50 TON	TOTAL	1488	653	792	835	43	0.56	0.05	0.03	48.00	1.12	20.93	17520	14517	2731	3004	273	17.14	1.56	9.07	2	22.02			
DUMPER,100 TE																												
D - 51	25621	KOMATSU	100 TON	01-09-2010	744	241	161	503	342	0.68	0.68	0.46	1307		33.48	8760	3154	1891	5607	3716	64.00	42.41	66.27	4	33.62			
D - 52	27105	KOMATSU	100 TON	01-09-2010	744	216	167	528	361	70.97	68.37	48.52	1426		39.20	8760	3623	1773	5137	3365	58.64	38.41	65.50	4	35.16			
D - 53	26805	KOMATSU	100 TON	01-09-2010	744	178	191	566	375	76.08	66.25	50.40	1404		36.93	8760	3624	1935	5137	3202	58.64	36.55	62.34	4	35.24			
D - 54	14253	CATER	100 TON	06-02-2012	744	295	355	449	94	60.35	20.94	12.63	422		37.77	8760	2906	4686	5855	1169	66.83	13.34	19.96	4	37.83			
D - 55	16221	CATER	100 TON	06-02-2012	744	291	353	453	100	60.89	22.08	13.44	361		39.50	8760	2483	4351	6278	1927	71.66	21.99	30.69	4	37.58			
D - 56	4561	BEML	100 TON	09-05-2016	744	267	201	477	276	64.11	57.86	37.10	1019		36.78	8760	2346	3374	6414	3041	73.22	34.71	47.40		38.00			
D - 57	4846	BEML	100 TON	09-05-2016	744	292	245	452	207	60.75	45.80	27.82	778		37.44	8760	2563	2872	6197	3326	70.74	37.96	53.66		35.68			
			100 TON	TOTAL	5208	1780	1673	3428	1755	65.82	51.20	33.70	6717	3.83	36.95	61320	20697	20880	40623	19743	66.25	32.20	48.60	4	35.80			
DRILL																												
DM - 7	23245	IR	6 " DIA	01-04-2005	372	186	91	186	95	50.00	51.08	25.54	298	3.14	33.68	4380	1990	1073	2391	1318	54.58	30.09	55.13	3	32.59			
DM - 8	19601	IR	6 " DIA	05-05-2008	372	101	53	271	218	72.85	80.44	58.60	2237	10.26	31.19	4380	1880	815	2501	1686	57.09	38.48	67.41	9	32.04			
DM - 9	18313	IR	6 " DIA	16-09-2009	372	148	37	224	187	60.22	83.48	50.27	2637	14.10	30.21	4380	1597	899	2784	1885	63.55	43.03	67.70	11	32.10			
DM - 10	9471	IR	6 " DIA	06-11-2014	372	140	30	232	202	62.37	87.07	54.30	2060	10.20	31.68	4380	827	661	3553	2893	81.12	66.04	81.41	10	32.26			
			3	TOTAL	1488	575	211	913	702	61.36	76.89	47.18	7232	10.30	31.41	17520	6293	3447	11228	7781	64.08	44.41	69.30	9	32.23			
DOZER																												
DOZ-21	13271	BEML	410 HP	04.11.05	744	744				-	#DIV/0!				#DIV/0!	8760	8760				-	-						
DOZ-22	21121	BEML	410 HP	01-01-2007	744	744				-	#DIV/0!				#DIV/0!	8760	4367	2368	4394	2026	50.15	23.12	46.10		22.64			
DOZ-23	20018	BEML	410 HP	02-10-2008	744	143	280	601	321	80.78	53.41	43.15			23.83	8760	4202	2308	4559	2251	52.04	25.70	49.38		24.34			
DOZ-24	16155	BEML	410 HP	06-04-2010	744	181	297	563	266	75.67	47.25	35.75			23.31	8760	3349	2356	5412	3056	61.78	34.88	56.46		23.29			
DOZ-25	7543	BEML	410 HP	28-12-2010	744	744				-	#DIV/0!				#DIV/0!	8760	8760				-	-	#DIV/0!					
DOZ-26	15265	BEML	410 HP	16-05-2011	744	177	298	567	269	76.21	47.44	36.16			24.35	8760	3823	2212	4938	2726	56.36	31.11	55.20		23.48			
DOZ-27	8480	BEML	410 HP	28-04-2015	744	354	182	390	208	52.42	53.33	27.96			23.32	8760	2893	2195	5868	3673	66.98	41.92	62.59		24.21			
			6	TOTAL	5208	3087	1057	2121	1064	40.73	50.17	20.43			23.73	61320	36152	11439	25169	13730	41.04	22.39	54.55		23.65			
PAY LOADER																												
PL - 03	3985	HYUNDAI	3.7 CU.M	18-09-2012	744	744					#DIV/0!				#DIV/0!	#DIV/0!	8760	8760				-	-					
				TOTAL	744	744					#DIV/0!				#DIV/0!	#DIV/0!	8760	8760				-	-					
BACK HOE																												
BE-12A	20476	BEML	1.2 CUM	Nov'08	744	281	251	463	212	62.23	45.79	28.49			21.46	8760	3894	2852	4866	2014	55.55	22.99	41.39		19.76			
HT-15	16059	TCECL	1.5 CUM	03.10.2012	744	426	139	318	179	42.74	56.29	24.06			22.91	8760	2691	2481	6070	3589	69.29	40.97	59.13	0	19.18			
HT-16	9638	TCECL	1.5 CUM	01.12.2014	744	240	239	504	265	67.74	52.58	35.62	40	0.15	22.26	8760												

PROJ. NO.	CUMM. UTILIS. UPTO MAR'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	MARCH 2018											2017-18											
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR	
EXCAVATORS																											
EX-25	33285	BEML PC-1000(D)	4.5 CuM	21-Jun-04	744	118	525	626	101	84.14	16.13	13.58			58.54	8760	1652	5960	7108	1148	81.14	16.15	13.10	3129	2.73	21.81	
EX-26	30202	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744	27	629	717	88	96.37	12.27	11.83			32.94	8760	1811	6114	6949	835	79.33	12.02	9.53	358	0.43	16.50	
				SUB TOTAL	1488	145	1154	1343	189	90.26	14.07	12.70			46.62	17520	3463	12074	14057	1983	80.23	14.10	11.32	3487	1.76	19.57	
EX-28	15055	BE-1600	7.5 Cu.m	22-Jun-10	744	22	339	722	383	97.04	53.05	51.48			5.42	8760	3573	4184	5188	1004	59.22	19.34	11.46	363	0.36	10.50	
EX-29	23600	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	7	694	737	43	99.06	5.83	5.78	7	0.16	39.07	8760	766	6395	7994	1599	91.26	20.00	18.25	6167	3.86	49.05	
EX-30	11482	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	5	318	739	421	99.33	56.97	56.59	2337	5.55	76.75	8760	519	3763	8241	4478	94.07	54.34	51.12	24127	5.39	64.38	
EX-31	9662	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	4	375	740	365	99.46	49.32	49.06	1479	4.05	77.42	8760	540	3864	8220	4356	93.83	52.99	49.73	21847	5.02	63.32	
				SUB TOTAL	2976	38	1726	2938	1212	98.72	41.25	40.73	3823	3.15	53.08	35040	5398	18206	29642	11436	84.60	38.58	32.64	52504	4.59	57.11	
				TOTAL	4464	183	2880	4281	1401	95.90	32.73	31.38	3823	2.73	52.20	52560	8861	30280	43699	13419	83.14	30.71	25.53	55991	4.17	51.56	
DUMPER,50 TE																											
HP-27	19489	BEML HP-210M	50 T	09-Sep-03	744	97	533	647.00	114.00	86.96	17.62	15.32			13.82	8760	1962	5568	6798	1230	77.60	18.10	14.04	3049	2.48	10.57	
HP-30	17278	C.I.773D(I)	50 T	01-Mar-06	744	736		8.00	8.00	1.08	100.00	1.08				8760	6975	1517	1786	269	20.38	15.04	3.07	56	0.21	6.89	
HP-31	15700	BEML BH-50M	50 T	06-Mar-08												7992	7992										
HP-32	23018	BEML BH-50M	50 T	06-Mar-08	744	111		633.00	633.00	85.08	100.00	85.08			2.73	8760	4944	2806	3816	1011	43.57	26.48	11.54	226	0.22	5.19	
				TOTAL	2232	944	533	1288.00	755.00	57.71	58.62	33.83			4.37	35760	21872	9890	13888	3997	38.84	28.78	11.18	3331	0.83	5.03	
DUMPER,100 TE																											
HP-32A	26454	KOMATSU HD785-7	100 T	22-Jun-10	744	1	138	743.00	605.00	99.87	81.43	81.32	433	0.72	9.54	8760	3864	2020	4896	2876	55.89	58.74	32.83	6545	2.28	26.69	
HP-34	26230	KOMATSU HD785-7	100 T	22-Jun-10	744	260	227	484.00	257.00	65.05	53.10	34.54	809	3.15	42.47	8760	1829	3136	6931	3795	79.12	54.75	43.32	10385	2.74	34.08	
HP-35	15375	BEML BH-100	100 T	22-Jun-10	744	2	604	742.00	238.00	99.73	32.08	31.99				8760	3165	4250	5595	1345	63.87	24.04	15.35	1611	1.20	19.79	
HP-36	11345	BEML BH-100	100 T	22-Jun-10	744	480	112	264.00	152.00	35.48	57.58	20.43				8760	7410	995	1351	355	15.42	26.29	4.05	498	1.40	21.54	
HP-37	17105	CAT 777D	100 T	25-Jan-12	744	90	285	654.00	369.00	87.90	56.42	49.60	363	0.98	15.43	8760	5439	1932	3321	1389	37.91	41.83	15.86	2497	1.80	21.94	
HP-38	6574	BEML BH-100S	100 T	03-May-16	744	60	390	684.00	294.00	91.94	42.98	39.52	632	2.15	3.41	8760	1678	3768	7082	3314	80.84	46.80	37.83	8860	2.67	30.62	
HP-39	5889	BEML BH-100S	100 T	03-May-16	744	1	491	743.00	252.00	99.87	33.92	33.87	684	2.71	38.43	8760	1809	3772	6951	3178	79.35	45.73	36.28	8219	2.59	32.34	
HP-40	5871	BEML BH-100S	100 T	03-May-16	744		408	744.00	336.00	100.00	45.16	45.16	904	2.69	38.08	8760	2268	3457	6492	3035	74.11	46.75	34.65	7983	2.63	31.96	
				TOTAL	5952	894	2555	5058.00	2503.00	84.98	49.49	42.05	3825	1.53	18.32	70080	27461	23331	42619	19288	60.81	45.26	27.52	46598	2.42	29.66	
DRILL																											
DM-11	15113	AC-ROTACOL-IDM-30	160mm	14-Feb-08	504	1	393	503.00	110.00	99.80	21.87	21.83	626	5.69	24.67	5848	864	3949	4984	1035	85.22	20.76	17.69	7581	7.33	17.76	
DM-12	16532	AC-ROTACOL-IDM-30	160mm	12-Aug-09	504	10	413	494.00	81.00	98.02	16.40	16.07	376	4.64	18.60	5936	1254	2813	4682	1869	78.88	39.92	31.49	16862	9.02	23.73	
DM-12A	14427	AC-ROTACOL-IDM-30	160mm	22-Mar-11	504	11	360	493.00	133.00	97.82	26.98	26.39	1435	10.79	26.60	5864	1088	3481	4776	1295	81.44	27.11	22.08	10545	8.15	23.80	
DM-14	7065	AC-ROTACOL-IDM-30	160mm	19-Nov-14	504	73	240	431.00	191.00	85.52	44.32	37.90	1980	10.37	36.53	5928	1298	2331	4630	2300	78.11	49.67	38.80	23785	10.34	25.02	
				TOTAL	2016	95	1406	1921.00	515.00	95.29	26.81	25.55	4417	8.58	28.62	23576	4504	12574	19072	6498	80.90	34.07	27.56	58773	9.04	23.25	
DOZER																											
DOZ-21	20045	BEML BD355	410 HP	10-May-04	520	504		16.00	16.00	3.08	100.00	3.08				6864	6768	80	96	16	1.40	16.67	0.23				
DOZ-22	14116	BEML BD355	410 HP	06-Jul-07	496	3	208	493.00	285.00	99.40	57.81	57.46			21.66	5944	639	3778	5306	1527	89.26	28.78	25.69			29.18	
DOZ-23	10430	BEML BD355	410 HP	27-Aug-08	496	9	301	487.00	186.00	98.19	38.19	37.50			40.51	6464	3644	2119	2820	701	43.63	24.85	10.84			43.75	
DOZ-24	11655	BEML BD355	410 HP	09-Mar-10	744	3	684	741.00	57.00	99.60	7.69	7.66			80.74	6928	823	4525	6106	1581	88.13	25.89	22.81			34.81	
DOZ-25	10398	BEML BD355	410 HP	09-Mar-10	520	512		8.00	8.00	1.54	100.00	1.54				7064	5931	858	1133	274	16.04	24.22	3.88			31.07	
DOZ-26	7148	BEML BD355	410 HP	03-May-14	496	100	174	396.00	222.00	79.84	56.06	44.76			10.65	5848	1540	2395	4308	1913	73.66	44.41	32.72			27.80	
DOZ-27	5806	BEML BD355	410 HP	03-May-14	496	77	236	419.00	183.00	84.48	43.68	36.90			24.68	7400	4846	1825	2554	729	34.51	28.56	9.86			31.07	
DOZ-28	4071	BEML BD356	410 HP	26-Apr-16	744	5	594	739.00	145.00	99.33	19.62	19.49			47.28	8752	907	6047	7845	1798	89.64	22.91	20.54			45.27	
				TOTAL	4512	1213	2197	3299.00	1102.00	73.12																	

PROJ. NO.	CUMM. UTILIS. UPTO Mar '18	MAKE / TYPE	CAP	DATE OF COMMISSION	MARCH 2018												2017-18											
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR		
EXCAVATORS																												
EX-20	25015	BEML,BE-1000	4.5 CuM	Mar-04	228	1	203	227	24	99.56	10.57	11	31	1.27	33.33	2468	691	1604	1777	174	72.00	9.76	7.03	504	2.90	64.27		
EX-21	17465	TELCON,1200V-1018	5.9 CuM	28-May-07	216		216	216		100.00						2456	1284	1026	1172	147	47.72	12.50	5.96	691	4.72	44.71		
EX-22	18397	BEML,BE-1000	4.5 CuM	22-Dec-08	432	73	246	359	113	83.10	31.48	26			40.71	4608	1068	2605	3541	936	76.83	26.44	20.31	214	0.23	37.55		
EX-23	15805	BEML, BE-1000	4.5CuM	18-Feb-10	432	432										4608	3932	447	676	229	14.67	33.88	4.97			55.32		
EX-24	10983	BEML, BE-1600	7.5CuM	04-Aug-11	216		216	216		100.00						1632	686	850	946	96	57.97	10.15	5.88	305	3.17	57.29		
EX-27	93	BEML, BE-1000-1	4.5 CuM	19-Dec-17	216		216	216		100.00						696		603	696	93	100.00	13.36	13.36				14.52	
* EX 22 & 23 are being utilised at Taldih, EX-24 Engine sent to GOM					TOTAL	1740	506	1097	1234	137	70.92	11.10	7.87	31	0.22	43.43	15772	7661	6531	8112	1581	51.43	19.49	10.02	1713	1.08	44.92	
DUMPER,50 TE																												
HPD-87	26303	BEML,210M	50T	Apr-2000	216		216	216		100.00						2528	189	2204	2340	136	92.54	5.79	5.36	73	0.54	17.53		
HPD-90	16403	BEML,210M	50T	APR'05	648	20	628	628		96.91						7392	241	7140	7152	12	96.75	0.17	0.16			31.25		
BH-93 (WT)	23438	BEML,210M	50T	21-Feb-08	408	64	256	344	88	84.31	25.58	21.57			14.20	3184	226	2698	2958	261	92.90	8.81	8.18	271	1.04	20.40		
BH-94	22191	BH-50 M	50T	22-Dec-08	216		216	216		100.00						2800	111	2518	2690	172	96.05	6.40	6.14	182	1.06	20.64		
BH-95	29136	BH-50 M	50T	6-Feb-09	312	6	287	306	19	98.08	6.21	6.09			21.05	3472	353	2415	3119	704	89.83	22.57	20.28	408	0.58	16.86		
BH-96	24896	BH-50 M	50T	20-Aug-09	216		216	216		100.00						3712	891	2398	2821	424	76.00	15.01	11.41	66	0.16	18.09		
BH-99 (@ MOM-13609)	8364	BH-50 M	50T	01.04.05 MIOM 20.02.2014 BIM	432	40	284	392	108	90.74	27.55	25.00			12.50	3688	440	2493	3248	756	88.07	23.26	20.49	709	0.94	17.55		
* BH-95, 96 & 99 are being utilised at Taldih					TOTAL	2448	130	2103	2318	215	94.69	9.28	8.78			13.95	26776	2450	21864	24327	2463	90.85	10.12	9.20	1709	0.69	18.03	
DUMPER,100 TE																												
BH-97	8593	BEML,BH-100	100 T	4-Aug-11	216		216	216		100.00						2456	15	2441	2441		99.39							
BH-98	7919	BEML,BH-100	100 T	04-Aug-11	216		216	216		100.00						2456	18	2410	2439	29	99.29	1.19	1.18	89	3.07	70.69		
					TOTAL	432		432	432		100.00						4912	33	4851	4880	29.00	99.34	0.59	0.59	89	3.07	81.03	
DRILL																												
DM-7	23425	AC - IDM-30	160mm	29-Jan-98	216		216	216		100.00						2456	674	1618	1782	165	72.56	9.23	6.70	210	1.28	14.86		
DM-9	9381	AC - IDM-30	160mm	30-Sep-09	216		216	216		100.00						1128	126	962	1002	40	88.83	3.99	3.55	870	21.75	53.88		
DM-10	4564	AC - IDM-30	160mm	15-Jan-15	432	17		415	415	96.06	100.00	96.06			3.25	4408	893	1989	3515	1527	79.74	43.43	34.63			21.31		
* DM-10 is being utilised at Taldih					TOTAL	864	17	432	847	415	98.03	49.00	48.03			3.25	7992	1693	4568	6299	1731	78.82	27.48	21.66	1080	0.62	21.45	
DOZER																												
TR-35 (B/V)	12935	BEML,D-155A	320 HP	11.01.98												624				624	624	100.00	100.00	100.00				
TR-36 (B/V)	13921	BEML,D-155A	320 HP	23-Apr-05	648	648										7392	7368			24	24	0.32	100.00	0.32				
TR-37	13734	BEML,D-155A	320 HP	22-Jun-07	648	36	611	612	1	94.44	0.16	0.15			4000.00	7160	355	6663	6806	143	95.05	2.10	2.00			40.98		
TR-38	15089	BEML, D-355	410 HP	16-Feb-10	432	24	291	408	117	94.44	28.68	27.08			5.56	3904	612	2332	3293	961	84.34	29.17	24.60			28.00		
TR-39	9613	BEML, D-355	410 HP	10-Apr-12	216		216	216		100.00						2960	422	2172	2538	367	85.74	14.44	12.38			32.20		
TR-40	6697	BEML, D-355	410 HP	6-May-14	216		216	216		100.00						4352	129	2145	4223	2079	97.04	49.22	47.76			4.11		
* TR-38 is being utilised at Taldih					TOTAL	2160	708	1334	1452	118	67.22	8.13	5.46			39.41	26392	8885	13311	17507	4197	66.33	23.97	15.90			12.65	
PAY LOADER																												
FEL-6	9101	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	216	1	211	215	4	99.54	1.86	1.85			125.00	568	7	535	561	26	98.77	4.63	4.58			34.62		
FEL-7	6407	HYUNDAI	280 HP	27-Aug-11	648	20	623	628	5	96.91	0.80	0.77				7088	253	6001	6835	835	96.43	12.21	11.77			6.78		
FEL-6 Shifted to Gua on 15.12.2015					TOTAL	864	21	834	843	9	97.57	1.07	1.04			55.56	7656	260	6536	7396	861	96.60	11.63	11.24			7.62	

GUA ORE MINES

EQUIPMENT PERFORMANCE REPORT OF HEMM

	CUMM. UTILIS. UPTO MAR'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	MAR 2018										2017-2018														
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD/HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD/HR			
EXCAVATORS																													
> 4.5 CuM																													
D-12	8962	BE 1600	7.5 CuM	16-Feb-11	744	744				#DIV/0!						6600	6181	344	420	76	6.36	18.12	1.15	191	2.51	66.45			
D-12A	18054	BE 1000(D)	4.5 CuM	27-Apr-08	744	708	29	36	7	4.84	19.44	0.94			57.14	6600	1573	3551	5027	1476	76.17	29.36	22.36	2248	1.52	26.88			
D-14	21558	KOMATSU	9.5 CuM	06-Apr-12	744	101	130	643	513	86.42	79.78	68.95	2665	5.20	82.46	6600	965	1869	5635	3767	85.38	66.84	57.07	13009	3.45	54.24			
D-15	14778	KOMATSU	9.5 CuM	31-Aug-15	744	81	330	663	333	89.11	50.23	44.76	2729	8.19	68.47	6600	762	1616	5838	5625	88.45	72.33	63.98	26785	6.34	82.18			
					TOTAL	2976	1634	489	1342	853	45.09	63.56	63.56	5394	6.32	76.79	26400	9480	7379	16920	10943	64.09	64.68	64.68	42233	3.86	54.47		
DUMPER,50 TE																													
R/D-85	18553	BEML-BH-50M	50 Te	Mar- 08	744	615	85	129	44	17.34	34.11	5.91	61	1.39	41.59	8736	6110	2077	2626	549	30.06	20.91	6.28	427	0.78	21.25			
R/D-86	19837	BEML-BH-50M	50Te	Sep-08	744	174	547	570	23	76.61	4.04	3.09				8736	2583	5360	6153	794	70.43	12.90	9.08	1893	2.39	40.38			
R/D-87	17432	BEML-BH-50M	50Te	Dec-08	744	417	290	327	37	43.95	11.31	4.97				8736	6658	1899	2078	180	23.79	8.64	2.05	106	0.59	34.60			
					TOTAL	2232	1206	922	1026	104	45.97	10.14	4.66	61	0.59	17.60	26208	15351	9335	10857	1522	41.43	14.02	5.81	2426	1.59	32.79		
DUMPER,100 TE																													
R/D-88	23036	KOMAT.HD785-7	100 T	10-Sep-10	744	273	78	471	393	63.31	83.44	52.82	884	2.25	52.61	8736	3649	1100	5087	3988	58.23	78.39	45.64	11102	2.78	58.04			
R/D-89	22440	KOMAT.HD785-7	100 T	10-Sep-10	744	128	134	616	482	82.80	78.25	64.78	1280	2.66	52.59	8736	2682	1868	6054	4187	69.30	69.15	47.92	12377	2.96	60.82			
R/D-90	16377	CAT 777D	100 T	25-Jan-12	744	605	86	139	53	18.68	38.13	7.12	415	7.83	45.06	8736	2895	3109	5842	2733	66.87	46.79	31.28	11062	4.05	56.26			
R/D-91	11978	CAT 777D	100 T	25-Jan-12	744	149	380	595	215	79.97	36.13	28.90	863	4.01	51.36	8736	6888	1064	1848	784	21.15	42.42	8.97	3052	3.89	59.06			
R/D-92	8102	BEML- BH 100	100 T	27-May-15	744	220	200	524	324	70.43	61.83	43.55	1115	3.44	57.41	8736	3490	1990	5247	3257	60.06	62.08	37.28	11335	3.48	67.19			
R/D-93	5764	BEML - BH 100	100 T	10-Jun-15	744	174	291	570	279	76.61	48.95	37.50	870	3.12	54.86	8736	4318	2242	4418	2176	50.57	49.25	24.91	7378	3.39	60.86			
					TOTAL	4464	1549	1169	2915	1746	65.30	59.90	39.11	5427	3.11	53.47	52416	23921	11371	28495	17124	54.36	60.09	32.67	56306	3.29	60.58		
DRILL																													
DM-10	15144	IR-ROTACOL-IDM-30	160mm	Feb- 04	496	308	112	188	76	37.90	40.43	15.32	260	3.42	41.45	5824	4209	970	1616	646	27.74	39.96	11.08	8606	13.33	38.78			
DM-12A	7312	AC-ROTACOL-IDM-30	160mm	Sep-08	496	377	55	119	64	23.99	53.78	12.90	990	15.47	31.95	5824	2665	1719	3159	1440	54.24	45.58	24.73	15104	10.49	31.53			
DM-14	13582	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	496	496				#DIV/0!						5824	3913	1240	1911	672	32.81	35.14	11.53	4655	6.93	17.27			
DM-15	5161	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	496	105	174	391	217	78.83	55.50	43.75	2200	10.14	50.90	5824	2596	1758	3228	1470	55.43	45.54	25.24	24180	16.45	43.30			
					TOTAL	1984	1286	341	698	357	35.18	51.15	17.99	3450	9.66	45.49	23296	13383	5687	9914	4227	42.55	42.64	18.14	52545	12.43	34.47		
DOZER																													
DOZ-21	16302	BEML D-355	410 HP	May- 03	496		475	496	21	100.00	4.23	4.23				6064	3719	1422	2346	924	38.68	39.37	15.23			26.68			
DOZ-22	16083	BEML D-355	410 HP	Feb-04	496	139	126	357	231	71.98	64.71	46.57				27.49	6064	3466	564	2598	2035	42.84	78.31	33.55			27.34		
DOZ-23	13925	BEML D-355	410 HP	May-08	496	496				#DIV/0!						6064	3280	737	2784	2047	45.91	73.53	33.76			21.27			
DOZ-24	9776	BEML D-355	410 HP	Sep-08	496	438	34	58	24	11.69	41.38	4.84				78.96	5824	4871	252	953	702	16.36	73.61	12.04			42.12		
DOZ-25	8202	BEML D-355	410 HP	25-Apr-14	496	50	4	446	442	89.92	99.10	89.11				27.59	5824	2007	1240	3818	2578	65.55	67.53	44.27			31.76		
DOZ-26	5331	BEML D-355	410 HP	08-Sept-17	496	82	180	414	234	83.47	56.52	47.18				45.12	3248	737	930	2511	1582	77.31	62.98	48.69			40.57		
					TOTAL	2976	1205	819	1771	952	59.51	53.75	31.99				32.95	34064	19055	5143	15009	9866	44.06	65.73	28.96			30.35	
PAY LOADER																													
PL-5	11192	HM-2071	4.6	Apr- 03	744	744				#DIV/0!						8736	8736												
PL-6	14069	L&T KOMAT.WA-470-3	260 HP	22-Jan-09	744	744				#DIV/0!						8736	5073	1582	3663	2082	41.93	56.83	23.83	39	0.02	12.41			
PL-7	9693	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	744	160	364	584	220	78.49	37.67	29.57				14.20	8736	6221	1092	2516	1424	28.79	56.59	16.29	161	0.11	12.15		
PL-8	4769	Hyundai-HI770-7A	280 HP	01-Jun-10	744	744				#DIV/0!						8736	8736												
PL-9	1543	KOMATSU	2.9	15-Dec-15	744	744				#DIV/0!						7344	3149	2653	4196	1543	57.13	36.77	21.00	79	0.05	11.81			
* NOTE : PL-9 BROUGHT FROM BIM					TOTAL	3720	3136	364	584	220	15.70	37.67	5.91			14.20	42288	31914	5327	10374	5048	24.53	48.66	11.94	279	0.06	12.15		

EQUIPMENT AVAILABILITY & UTILISATION

Mar-18

UNIT IN %

		KIRIBURU				MEGHAHATUBURU				BOLANI				BARSUA/TALDIH				GUA					
		NORM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM	
EQPMT TYPE		AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT
DRILL	150 mm	70	70	53	52	40	52	61	77	64	69	95	27	81	34	98	5	79	20	35	51	43	43
SHOVEL	HYD(D) <4.6 m3	70	75			12	66	69	10	39	24	90	14	80	14			52	10			100	15
	HYD(D) >4.6 m3	85	80	95	55	88	56	77	62	73	60	84	31	83	38	61	16	54	21	45	64	61	27
	HYD(E)	70	70																				
DUMPER	85 tn	65	75			25	85																
	50 tn	70	80					56	5	17	9	44	17	37	16	95	9	91	10	46	10	41	14
	100 tn	85	80	75	49	73	41	66	51	66	49	67	34	59	44	100		99	1	65	60	54	60
DOZER		70	70	41	55	51	36	41	50	41	55	62	23	54	27	97	14	88	19	60	54	44	66
CRUSHING PLANT		85	85					96	50	90	60	86	48	81	59								
SCREENING PLANT		85	85					88	53	79	64	86	61	88	65								
OHP		85	85	92	71	86	72													98	91	93	86

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	2109898	573577	2683475	515422	30594993	92150	3979790	215830	1568970	863256	0.08	0.46	5.31	15.84
April'17	178986	42335	221321	39135	2295453	5880	304650	14940	246960	0	0.07	0.40	4.05	10.59
May'17	174112	50555	224667	40860	2313164	9870	298440	19890	170190	0	0.08	0.47	4.74	20.84
June'17	199103	56973	256076	49962	2164001	7140	350460	19980	111870	22000	0.10	0.54	4.49	15.10
July'17	175577	64457	240034	27455	2415024	7200	341280	2880	50850	0	0.07	0.61	6.11	18.33
August'17	172237	47850	220087	43495	2792016	6090	403920	0	41940	42000	0.09	0.48	6.26	13.34
Sept'17	169275	24163	193438	42570	2555738	8400	359910	4140	101610	92000	0.08	0.40	5.49	17.30
Oct'17	196733	37416	234149	38733	2550646	7350	387670	14000	156690	119256	0.06	0.41	4.57	12.72
Nov'17	172546	33496	206042	35535	2706483	8400	283670	28000	168120	108000	0.06	0.42	5.64	17.29
Dec'17	175520	51818	227338	48019	2894773	3990	312480	27000	164340	150000	0.07	0.44	5.75	7.66
Jan'18	161135	34374	195509	41012	3045919	10500	302420	25000	137610	35000	0.08	0.44	6.55	23.08
Feb'18	161118	46710	207828	48761	2503704	3990	317760	30000	110070	135000	0.08	0.46	5.47	8.51
Mar'18	173556	83430	256986	59885	2358072	13340	317130	30000	108720	160000	0.10	0.57	5.17	28.18

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	2625542	51700	2677242	653081	18582360	119195	3784340	183000	2938950	1026000	0.08	0.38	2.69	16.97
April'17	202775	790	203565	35160	1170360	6160	133020	0	435750	5000	0.06	0.36	2.06	10.81
May'17	205774	2080	207854	41353	1221600	11116	250190	10000	257800	30000	0.08	0.40	2.36	21.46
June'17	199459	9150	208609	43784	1239720	13846	323060	13000	203400	105000	0.07	0.38	2.30	24.90
July'17	206791	5340	212131	56859	1813920	9954	315510	7500	222500	85000	0.09	0.38	3.33	17.74
August'17	218558	3790	222348	45948	2148480	8759	285990	30000	282000	150000	0.06	0.36	3.59	14.29
Sept'17	227975	1370	229345	63721	1896000	10458	404950	5000	160400	75000	0.10	0.39	3.32	17.87
Oct'17	235535	5030	240565	72161	1604160	10714	380370	15000	214400	110000	0.10	0.38	2.63	17.11
Nov'17	230303	5560	235863	60599	1541880	10430	387060	12000	215600	120000	0.08	0.37	2.51	16.41
Dec'17	227177	3030	230207	77923	1668960	8344	375390	21000	216500	95000	0.11	0.37	2.72	13.44
Jan'18	232827	4000	236827	64700	1714320	10542	340720	20000	213500	95000	0.10	0.41	2.99	18.45
Feb'18	201395	4000	205395	23851	1283520	11480	285300	20000	212200	150000	0.04	0.39	2.48	21.95
Mar'18	236973	7560	244533	67022	1279440	7392	302780	29500	304900	6000	0.10	0.40	2.01	12.06

Consumption of Key Consumables in 2017-18(Bolani)

Item	HSD	Expl	Power	Lubricant	DEPTT ROM	F/G AREA CONTR SCR	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB	
Unit	Litre	kg	KWH	Litre/Kg							0.11	0.43	4.8	25
NORM														
2010-11	2026625	479122	23080560	118412	3347818		573189	785490	196165	0.10	0.48	4.90	27.87	
2011-12	1998636	534534	21235920	100300	3060290		684985	796330	164403	0.11	0.50	4.68	25.18	
2012-13	1783555	514007	19644960	91014	2605030		470897	838270	506624	0.12	0.50	5.02	25.35	
2013-14	1872289	635069	20288400	103250	2888400		952901	1049150	667212	0.11	0.45	4.15	24.70	
2014-15	2149181	810530	21124800	109435	3516659	200000	677254	738201	1792737	0.12	0.44	4.28	22.23	
2015-16	2259467	913430	21800400	106130	3598770	0	1735825	1382700	1085889	0.12	0.40	3.25	18.66	
2016-17	2538285	618000	22677280	116550	4014310	0	1667532	1534785	920488	0.08	0.41	3.14	18.81	
2017-18	2514011	935809	20339200	125936	3712455	0	1543746	1417555	1853008	0.11	0.42	3.05	21.06	
April'17	203043	34725	1620240	7920	326725	0	82032	104905	67824	0.06	0.43	3.15	16.88	
May'17	204419	69615	1697760	14284	358980	0	99931	96900	38693	0.12	0.42	3.05	29.12	
June'17	211143	83115	1650720	9475	287700	0	109943	192450	120346	0.12	0.39	2.80	17.62	
July'17	207326	71200	1600320	10786	252700	0	102228	235200	189763	0.09	0.37	2.71	19.23	
August'17	202708	80010	1786320	11109	316800	0	113352	103310	27441	0.14	0.45	3.35	24.40	
Sept'17	206270	80570	1329520	7073	349190	0	82829	72020	171483	0.12	0.43	2.64	14.59	
Oct'17	213374	93794	1810080	9547	315560	0	137470	88870	237995	0.12	0.43	3.34	19.16	
Nov'17	208404	82811	1748880	8256	265180	0	178430	121590	220267	0.11	0.43	3.09	16.97	
Dec'17	215224	91121	1901520	11710	329490	0	189219	62100	128205	0.13	0.46	3.27	24.86	
Jan'18	209709	77939	1872480	11344	240840	0	151146	193360	245859	0.09	0.39	3.20	21.27	
Feb'18	203885	82588	1613280	9284	315490	0	151769	78250	201483	0.11	0.42	2.96	19.26	
Mar'18	228506	88321	1708080	15148	353800	0	145397	68600	203649	0.11	0.45	3.01	29.72	

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

Item	HSD			Expl	Power	Lubricant									
Unit	Litres			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	386285	0	386285	95062	13554044	11893	0	1052111	85675	0	206145	0.07	1.32	11.91	40.75
April'17	30185	0	30185	4950	1069237	1050	0	53811	0	0	24300	0.06	0.80	13.69	43.21
May'17	46383	0	46383	8000	1137117	1470	0	102558	4365	0	37845	0.06	0.68	7.85	34.83
June'17	41862	0	41862	9500	959717	970	0	70353	945	0	42075	0.08	0.69	8.47	22.55
July'17	28813	0	28813	10500	875357	870	0	62328	0	0	21735	0.12	0.77	10.41	40.03
August'17	27131	0	27131	9000	1289397	2370	0	73819	1620	0	5130	0.11	1.08	16.00	351.11
Sept'17	19401	0	19401	9000	1243957	623	0	101480	0	0	11835	0.08	0.52	10.98	52.64
Oct'17	42517	0	42517	6750	1135517	1281	0	91239	13140	0	11430	0.06	0.90	9.81	52.14
Nov'17	36089	0	36089	8412	1375357	1040	0	90300	23895	0	13590	0.07	0.60	10.76	27.74
Dec'17	38593	0	38593	3250	1501117	703	0	89549	29445	0	9000	0.03	0.63	11.73	18.29
Jan'18	23951	0	23951	4000	1416277	556	0	73879	9675	0	0	0.05	0.85	16.95	26.79
Feb'18	25672	0	25672	11200	798357	369	0	122190	1215	0	0	0.09	1.31	6.47	18.88
Mar'18	25688	0	25688	10500	752637	591	0	120605	1375	0	29205	0.09	1.32	6.17	30.36

Consumption of Key Consumables in 2017-18(Gua)

Item	HSD			Expl	Power	Lubricant									
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB	
NORM	MINES	DGSET	TOTAL									0.09	0.55	4.6	25
2010-11	1813564	2030	1815594	367795	17584344	100224	2378504	0	674441	1325210	0.08	0.54	5.76	29.61	
2011-12	1026199	12194	1038393	121305	16608240	50419	543562	0	236868	225000	0.12	1.24	21.28	60.26	
2012-13	530895	31972	562867	0	15732024	22133	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
2013-14	2677615	20143	2697758	423955	17447568	104254	3764538	0	1344785	0	0.08	0.53	3.41	20.40	
2014-15	2085242	22389	2107631	277410	16677691	70037	2479410	0	752085	0	0.09	0.65	5.16	21.67	
2015-16	2632296	18880	2651176	413320	18358728	92732	3565810	284938	1540315	198718	0.08	0.51	3.60	17.91	
2016-17	2933129	2804	2935933	438030	18480528	106696	3774559	239976	1554059	0	0.08	0.54	3.32	19.80	
2017-18	3087765	2220	3089985	388490	18466944	105288	4002700	0	1573793	0	0.07	0.55	3.31	18.88	
April'17	243281	200	243481	50022	1502832	7154	320600	0	116100	0	0.11	0.56	3.44	16.38	
May'17	257565	0	257565	34225	1538376	7546	315200	0	115065	0	0.08	0.60	3.58	17.54	
June'17	278830	0	278830	48603	1440624	12796	333000	0	94628	0	0.11	0.65	3.37	29.92	
July'17	218080	400	218480	21145	1517400	9352	323000	0	87365	0	0.05	0.53	3.70	22.79	
August'17	231143	200	231343	30319	1631208	6314	315600	0	137070	0	0.07	0.51	3.60	13.95	
Sept'17	257252	200	257452	22578	1516248	9352	295700	0	149625	0	0.05	0.58	3.40	21.00	
Oct'17	276944	220	277164	19718	1510680	7922	354100	0	154410	0	0.04	0.55	2.97	15.58	
Nov'17	266650	200	266850	32343	1458624	9380	346000	0	168255	0	0.06	0.52	2.84	18.24	
Dec'17	284668	200	284868	28583	1648560	8050	332400	0	172035	0	0.06	0.56	3.27	15.96	
Jan'18	260236	200	260436	38348	1769112	8414	344800	0	139950	0	0.08	0.54	3.65	17.36	
Feb'18	230028	200	230228	30571	1430448	12166	322100	0	108565	0	0.07	0.53	3.32	28.25	
Mar'18	283088	200	283288	32035	1502832	6842	400200	0	130725	0	0.06	0.53	2.83	12.89	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										Status as on March' 2018	
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. Stage-I FC of South & Central Block (247.5 Ha) was granted by MoEFCC on 18.10.2010. Compliance report has been submitted well within the time & State Govt. forward the proposal to MoEFCC on 13.07.2015. Several representation was made by SAIL to MoS/MOEFCC/MoM for kind intervention to expedite the Stage-II FC of South-Central Block. Recently, ED (RP&E) met DGF&SS at New Delhi on 22.03.18 and subsequently met IG (Forest) on 23.03.18. During the meeting, it was requested for early grant of pending final FC's of SAIL in Saranda Forest Division.	EC granted 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. CTO for 16 MTPA capacity was granted by JSPCB & renewed upto 31.12.2019.					
Lease - II	06.02.73	31.03.20	879.439	10.01.02	Forestry clearance for the total broken area of 55.9 Ha was granted on 11.04.2005.	Ore Beneficiation Plant & loading facilities of Meghatatuburu Iron Ore Mine are located in the lease-II.					
Lease - III	01.10.73	31.03.20	82	26.09.02	Forestry clearance for the total broken area of 24.23 Ha was granted on 11.04.2005.	Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III.					
Horomotto	01.01.70	31.12.99	1051.98	-	SAIL has filed Revision application with mining tribunal against State Govt.'s order of lapsing of lease and rejection of lease renewal application.	No EC					
BOLANI											
5.1 sq. mile lease	11.04.60	09.04.30	1321.45	26.03.09	Stage-II FC granted by MoEF&CC on 11/12/2012. Further FC granted for the remaining forest land covering 261.95 ha on 12.11.2014. Stage-I FC for additional 87.09 ha sabik FL was obtained on 12.09.2017. FRA certificate issued by Collector, Keonjhar on 31.01.2018. NPV for 87.09 ha has been paid. CA,SZ & Addl CA land identified and scheme has been approved. Necessary payment has been processed during March 2018 for approval. Compliance report is under preparation for submissionn to DFO.	EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21/12/2012. Consent to Operate for 12 MTPA capacity has been renewed & Valid upto 31.03.2019.					
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	MoEFC&CC vide letter dated 24.07.17 issued amended Stage-I FC order. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & other compliance is under progress. In addition to that, Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. NPV for 238.093 ha has been paid. FRA certificate issued by Collector, Keonjhar on 31.01.2018. CA,SZ & Addl CA land identified and scheme has been approved. Necessary payment has been processed during March 2018 for approval. Compliance report is under preparation for submissionn to DFO.	Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore. CTO for handling of 10 MTPA Iron ore lumps & fines and 15000 TPA Mn ore granted by OSPCB & further renewed on 29.03.2018 with validity upto 31.03.2019.					
BARSUA-KALTA											
ML No.-130	06.01.60	05.01.30	2486.38	NA	Stage-II FC granted by MoEF&CC on 06.03.2013. DFO, Bonai vide letter dated 27.02.18 allowed to take up mining operation over 28.90 ha of forest land under Taldih Block-C.	EC granted by MoEFCC vide letter dated 29th Oct'10. Amendment EC for ML-130 lease of Barsua-Taldih-Kalta has been granted on 30.03.2016 for redistribution of production Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Taldih to 2.05 Mt/yr. Consent to Operate renewed with validity upto 31.03.2019. CTO of Barua Railway siding has been grannated on 29.03.2018 with validity upto 31.03.2020.					
ML No.-162	29.04.60	28.04.30	77.94	21.04.99	Stage-I FC for diversion of 77.49 ha was granted on 10.02.2015. Stage-II FC granted on 23.10.17 for diversion of 77.94 ha of forest land. 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. The matter was heard by Hon'ble Supreme Court on 30.01.18, wherein it was directed, to list the application only after the order passed by the Odisha High Court is produced.	Ore Beneficiation Plant, Jigging Plant, Conveyors, part of the Tailing Pond located under this lease.					
ML No.-139	17.01.75	16.01.25	25.981	04.01.14	Online Diversion Proposal including safety zone submitted on 22.07.15. On scrutiny of online diversion proposal, DFO noticed some deficiencies and raised query on 26.05.16. Compliance of the query is under process.	For obtaining EC,ToR application submitted to MoEFCC, New Delhi on 18.01.2018. EAC meeting held on 22.03.2018 for grant of ToR for conducting EIA study.					
ML No.-227	18.01.84	17.01.04	3.34	04.01.03	Preparation of Diversion Proposal is under progress	Non-working lease. Obtaining EC is under progress.					

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										Status as on March' 2018	
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)					ENVIRON. CLEARANCE (EC)	
	ON	UPTO	(in ha.)	APPL.DATE							
BHAWANATHPUR											
GORGON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgaon, Ghagra & Saraiya leases has been approved by SAIL-Board. In its May 2017 meeting and Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval.						
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)							
SARAIYA	31.03.66	31.03.20	275	01.03.07 (3rd RML)							
PURNAPANI	06.01.80	31.03.20	230.525	30.12.98	No forest land involved					Non-working lease. No EC	
GHATITANGAR	29.04.80	28.04.00	153.51	16.04.99	Matter of lease is under litigation.					Non-working lease. No EC	
KUTESHWAR											
LEFT BANK LEAS	15.05.82	14.05.22	91.14	NA	No forest land.					EC granted by MoEFCC vide letter no. J-11015/450/2012-IA.II(M) dated 17.08.2015.CTE application for 0.06 MTPA production submitted on 06.01.2016. CTE for 0.06 MTPA production granted on 10.04.2016. Renewal of CTO was extended by Madhya Pradesh Pollution Control Board & upto 31.07.2018.	
RIGHT BANK LEASE	10.06.71	09.06.21	944.89	NA	No forest land.					EC granted by MoEFCC vide letter no. J-11015/449/2012-IA.II(M) dated 02.09.2015.CTE granted on 31.12.2015 for 2.32 MTPA expansion. CTO for 2.32 MTPA expansion granted by MPPCB on 23.02.2016 with validity upto 31.01.17. CTO renewed by MPPCB for the period upto 31.01.2020.	
TULSIDAMAR	30.10.69	31.03.20	118.72	20.10.08 (RML)	(2nd) Stage-II FC for 101.32 ha under the lease was granted on 18.12.1997. NPV paid for total forest land involved in the project on 30.03.2016.					EC was granted on 24.03.1995 as per EIA notification 1994. CTO for 25000 TPM (Dolomite) capacity has been renewed by JSRPCB on 28.03.17 for the period upto 31.03.2020.CTO for Rly Siding was valid up to 30.06.2018. Renewal application for grant of CTO beyond 30.06.2018 upto 2020 has been submitted on 27.02.2018.	
STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL											
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)					ENVIRONMENT CLEARANCE (EC)	
GUJ	ON	UPTO	(in ha.)	APPL.DATE							
Durgaburu	22.02.49	21.02.79	1443.76	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- I compliance report wa submitted to DFO 02.06.2015. State Govt. vide letter dated 30.07.2015 forwarded the proposal to MoEFCC, New Delhi for grant of Stage-II FC. Several representation was made by SAIL to MoS/MOEFCC/MoM for kind intervention to expedite the Stage-II FC of Gua. Recently, ED (RP&E) met DGF&SS at New Delhi on 22.03.18 and subsequently met IG (Forest) on 23.03.18. During the meeting, it was requested for early grant of pending final FC's of SAIL in Saranda Forest Division.						EC granted on 25.03.2013 by MoEF. JSRPCB renewed Consent to Operate for 12.5 MTPA production on 11.05.2015 with validity upto 31.12.2015. Renewal of CTO granted on 04.01.2016 with validity upto 31.12.2016.Application for renewal of CTO for the period 01.01.17 to 31.12.20 submitted online on 05.08.16. Renewal of CTO granted on 26.12.2016 for the period 01.01.2017 to 31.12.2020.
Jhilingburu - I	12.05.50	11.05.80	210.526	25.04.09 (RML)	(2nd) Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land indentification and DSS confirmation by State Forest department is under progress.					ToR for conduting EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Public hearing was successfully conducted at Gua project site on 12.11.16 . Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEFCC vide letter dtd 03.04.17 informed that EC proposal will be considered after approval of Carrying Capacity study. MoEF&CC on 13.11.17 asked Additional details sought and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal.	

Jhilingburu - II						
Topailore CHIRIA	09.03.70	31.03.20	14.15	04.03.99	Stage-I FC for 14.15 ha of forest land was granted by MoEF on 30.08.13. Stage-I FC compliance submitted to DFO, Saranda on 05.03.2016 and was forwarded to RO, MoEFCC, Ranchi on 03.11.16 for grant of Stage-II FC.	
					Stage I FC granted by MoEFCC vide order no.- 8-70/2009-FC dated 7th March 2011. Compliance of Stage-I FC forwarded to State govt. on 26.12.13 .Grant of Stage – II FC is pending with MoEFCC since 24.07.2015	
Budhaburu (McLell)	08.12.45	31.03.20	823.617	16.11.04 (2nd RML)		
Ajitarburu	07.12.47	06.12.77	323.887	04.12.06 (2nd RML)		
Sukri - Latur	22.03.49	21.03.79	609.554	11.03.08 (2nd RML)		
Dhobil	08.03.48	07.03.18	513.036	06.03.97 (2nd RML)	Forestry clearance exist upto 2018.	
Tatiburu	01.09.49	31.08.79	38.85	24.08.08 (2nd RML)	Virgin & Non-working lease.No FC	
Ankuia	14.06.82	31.03.20	67.178	18.06.11 (2nd RML)	Virgin & Non-working lease.No FC	
					No EC	
					No EC	

RMD MANPOWER POSITION AS ON 01.04.2018			
	Executives	Non-Executives	Total
A. ORE MINES			
Kiriburu	92	546	638
Meghahatuburu	74	499	573
Bolani	93	431	524
Barsua	55	306	361
Kalta	15	60	75
Gua	65	522	587
Manoharpur(Chiria)	16	54	70
A.TOTAL	410	2418	2828
B. FLUX MINES			
Purnapani	0	10	10
Kuteshwar	23	110	133
BNP & TDMR	12	89	101
Satna	0	1	1
B. TOTAL	35	210	245
C. OFFICES			
Kolkata	68	33	101
Rourkela	12	16	28
Bokaro	1	4	5
Durgapur	1	4	5
Delhi	3	2	5
Bhubaneswar	1	2	3
Ranchi	2	1	3
Burnpur	0	1	1
MT	6	0	6
C. TOTAL	94	63	157
GRAND			
TOTAL(A+B+C)	539	2691	3230
Manpower as on 01.03.2018	542	2715	3257
Reduction(-) / Increase(+)	-3	-24	-27

SAFETY REPORT

1.0 Accident Statistics:

Type of accident											
Fatal			Reportable			Non Reportable			Serious Accidents(for Mines only)		
R	C	T	R	C	T	R	C	T	R	C	T
nil	nil	nil	1	nil	1	nil	nil	nil	nil	nil	nil

1.0 Man hours worked :-1106365

2.0 PME

1	Regular	61
2	Contractual	55

3.0 Reportable & Near miss-

4.0 Pit Safety Committee Meeting -- YES

Safety Inspection done:

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

2.1 Works Area:

2.1.1 Safety Audits:

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

2.1.2 Safety Inspections:

Sl. No.	Type of inspection/ agency	Total No. of inspections (major deppts. inspected)	No. of Unsafe acts & conditions observed	Points complied	Balance Points
1.	Safety officer of SED	8	39	35	04
2.	Shop DSOs				
3.	Apex Committee				
4.	Other schedule/ joint inspections [Housekeeping, Crane, Cable Galleries etc.]				
5.	Any other PSC				

2.1.3

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

Sl. No.	Name of the programme	No. of programmes	No. of participants	Cumulative	
				Programs	Participants
1	Refresher Training	4	102		

(B) Regular Trainings

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

2.1.4 Safety Monitoring &Review:

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

2.1.5 Special Drives & Campaigns

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

2.1.6 Participative Meetings:

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

Highlights of CSR Activities of RMD in March 2018

Kiriburu Iron Ore Mines:



Miss Reeta Sawaiyan, cadet of Eklavya Archery Academy, Kiriburu has bagged Gold Medal in Recurve Girls team in South Asian Archery Championship at Dhaka, Bangladesh held on 24th – 28th March 2018, which is her debut in International outing. It is for the third time ever, that a cadet of Eklavya Archery Academy has won gold medal in an international event.

12th Jharkhand State Archery Championship 2018 held at Eklavya Arcjhery Academy, Kiriburu. Eklavya Archery Academy cadets won Gold - 1 [Senior Boys team], Silver - 8 [Senior Girls Team, Senior Girls Individual, Senior Mix Team, Junior Boys Team, Junior Boys Individual, Junior Mix Team, Sub Junior Girls Team & Sub Jnnior Boys Team]

Women Hockey Championship - UDAAN 2018 at Kiriburu Football Ground from 31TH Mar to 2nd April 2018 under CSR scheme. The chief guest of opening ceremony is Mr K Ivaraju, GM(Mines), KIOM. Along with other senior official of KIOM and local representatives of KIOM-MIOM. Following 7 teams of different Districts of Jharkhand have participated

1. Kiriburu,
2. Luthren Girls High School Govindpur.
3. KanyaAashram, Lumbai, Bandgoan
4. Kasturba Gandhi BalikaVidhyalay, Bandgoan.
5. St Teresa Girls High School, Bandgoan.
6. M S Sonapet, Dalbhanga, Kuchai, Karsawan.
7. Kasturba Gandhi Balika Vidhyalay Noamundi

Luthren Girls High School Govindpur have secured the first position by defeating Kasturba Gandhi BalikaVidhyalay, Bandgoan [8-0] in Final Match. Kasturba Gandhi BalikaVidhyalay, Bandgoan secured second position and KanyaAashram, Lumbai, Bandgoan have secured third position in the event. Residents of KIOM and children are also present during the matches to encourage players.

Closing Ceremony organised on 2nd April 2018 at 4 PM. Chief guest of this ceremony is Mr K Ivaraju, GM(Mines), KIOM. Along with Mr B K Minz, DGM(E), Mr MukeshKishor Karan SM(P&A), Mr Ajay Kumar, SM(F&A) and union, local representative. GM(Mines) has assured to provide all support to promote the local talent of Women Hockey Players and provide such a platform.

Kalta Iron Mines:

Peripheral football tournament under CSR 2017-18 Organised by SAIL RMD Kalta Iron Mines on 22/03/2018 to 23/03/2018 (02 Days). Representing eight (08) village team beneficiaries are 4000. **Winner of the tournament Amar Joti Youth Club, Kalta.**

STEEL PLANT

PERFORMANCE

PROFILE

IRON ORE STOCK INVENTORY BEHAVIOUR

Mar-18

IRON ORE LUMP

UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.3159	01.03.3160	MTH	CUM	MTH	CUM	01.04.3160	MTH	YR
BSL	53	14	231	2245	229	2347	28	14	-25
DSP	65	7	138	1352	134	1389	11	4	-54
RSP	70	40	195	2193	191	2129	11	-29	-59
ISP	29	0	117	899	101	842	5	5	-24
BSP	100	0		3	264	2465	256	256	156
TOT	317	61	681	6692	919	9172	311	250	-6

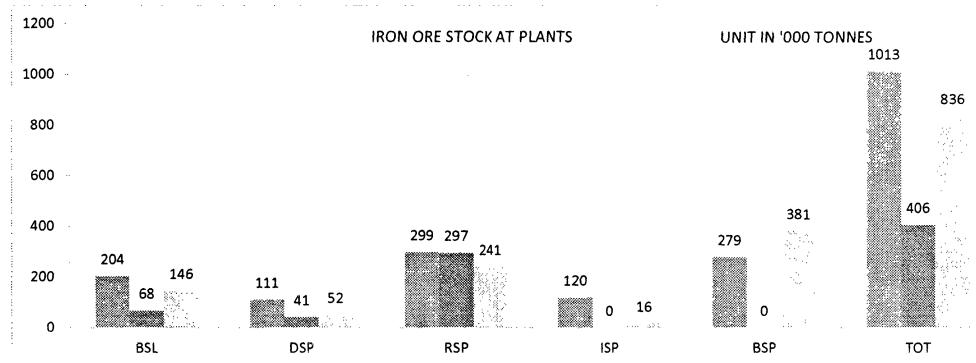
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.3159	01.03.3160	MTH	CUM	MTH	CUM	01.04.3160	MTH	YR
BSL	151	54	383	3890	335	4376	118	64	-33
DSP	46	34	250	2401	242	2443	41	7	-5
RSP	229	257	296	3514	362	4041	230	-27	1
ISP	91	0	217	2463	254	2743	11	11	-80
BSP	179	0		151	361	4144	125	125	-54
TOT	696	345	1146	12419	1554	17747	525	180	-171

IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.3159	01.03.3160	MTH	CUM	MTH	CUM	01.04.3160	MTH	YR
BSL	204	68	614	6135	564	6723	146	78	-58
DSP	111	41	388	3753	376	3832	52	11	-59
RSP	299	297	491	5707	553	6170	241	-56	-58
ISP	120	0	334	3362	355	3585	16	16	-104
BSP	279	0	0	154	625	6609	381	381	102
TOT	1013	406	1827	19111	2473	26919	836	430	-177

* BSP RECEIPT FROM RMD MINES



PRODUCTION PERFORMANCE

Mar-18

हॉट मेटल

UNIT 000 TONNES

संयन्त्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	388	360	93	4250	4047	95	3412	19
दूर्गापूर	214	228	107	2275	2282	100	2316	-1
राऊरकेला	328	305	93	3850	3312	86	3103	7
बर्नपूर	226	191	85	2400	2067	86	1813	14
पूर्वी इस्पात संयन्त्र	1156	1084	94	12775	11708	92	10644	10
भिलाई	691	381	55	6450	4261	66	5042	-15
TOTAL	1847	1465	79	19225	15969	83	15686	2

सिन्तर

UNIT 000 TONNES

संयन्त्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	460	488	106	5289	5610	106	4813	17
दूर्गापूर	300	315	105	3180	3153	99	3168	0
राऊरकेला	532	465	87	6200	5200	84	5254	-1
बर्नपूर	345	303	88	3660	3318	91	2949	13
पूर्वी इस्पात संयन्त्र	1637	1571	96	18329	17281	94	16184	7
भिलाई	864	619	72	9050	6464	71	7032	-8
TOTAL	2501	2190	88	27379	23745	87	23216	2

IRON ORE RECEIPTS FOR THE MONTH OF 43160

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	70	38	40		6	50	8		19		230
DSP		3	82				53				138
RSP	36	69			36	18			4		162
ISP			54		17		39		7		116
BSP											
TOT	106	110	176		59	68	99		29		646

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	122	88	89		7	27	24		26		382
DSP		7	136				107				249
RSP	114	119				63					297
ISP	4	3	110				86		14		217
BSP											
TOT	240	217	335		7	90	217		40		1145

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	192	126	129		13	76	32		45		613
DSP		10	218				159				387
RSP	150	188			36	81			4		459
ISP	4	3	164		17		125		21		333
BSP											
TOT	346	327	510		66	158	316		69		1792

IRON ORE RECEIPTS TILL THE MONTH OF 43160

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	453	618	592		78	190	187		127		2245
DSP	8	32	860				448		4		1352
RSP	771	523			291	492			19	7	2103
ISP	12	3	521		39	35	215		74		899
BSP											
TOT	1244	1176	1973		408	717	850		224	7	6599

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	975	1099	928		7	175	548		158		3890
DSP		35	1349				1017				2401
RSP	1704	1237				530		1	42		3514
ISP	22	124	1132			28	1123		31		2460
BSP	135	16									151
TOT	2836	2511	3409		7	733	2688	1	231		12416

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1428	1717	1520		85	365	735		285		6135
DSP	8	67	2209				1465		4		3753
RSP	2475	1760			291	1022		1	61	7	5617
ISP	34	127	1653		39	63	1338		105		3359
BSP	135	16									151
TOT	4080	3687	5382		415	1450	3538	1	455	7	19015

PRESENT BASE FREIGHT IN RS PER TONNE IN TRAIN LOAD CLASS

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

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

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