

आर. एम. डी. इन्फ्रामैटिक्स



OCTOBER'2018



द्वारा प्रकाशित:
पीपीसी विभाग
रॉ मेट्रियल्स डिवीजन
भारतीय इस्पात प्राधिकरण

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Excerpt

For the month of October'2018

➤ **Production :**

- Highest ever month Production 19.40 Lakh Te 8.1% growth over CPLY, Last highest monthly Production 18.52 Lakh Te June-18

Details of Rake Despatched

MINES	Oct'18	Sept'17	%Grth	Till Oct'18	CPLY Till Oct'17	%Grth
KBR	92	96	-4.2	618	627	-1.4
MBR	81	84	-3.6	581	540	7.5
BOL	126	108	16.7	898	843	6.5
BAR	45	0	-	217	0	-
TAL	6	10	-40	82	70	17.1
KAL	42	37	13.5	245	202	21.3
GUA	90	95	-5.3	630	569	10.7
MPR	17	12	41.7	100	51	96.1
RMD	L	158	130	21.5	1161	1011
	F	341	312	9.3	2210	1891
	T	499	442	12.9	3371	2902

PLANT	COMM	Oct'18	2018-19
BSL	L	46	372
	F	81	670
DSP	L	34	238.8
	F	76	478.2
RSP	L	58	371.8
	F	135	615.2
ISP	L	19.7	179.3
	F	48.3	460.7
BSP	L	0	0
	F	1	15
TOTAL	L	157.7	1162
	F	341.3	2209
	TOTAL	499	3371

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

October 2018

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR Oct 2017	TILL THE MONTH				CAP UTLN %
		2018-19	TGT	ACT	%FF	LAST YR Oct 2017		TGT	ACT	%FF	LAST YR	
KIRIBURU 5500	L	1300	120	86	71	115	-25.6	775	575	74	751	-23.5
	F	3000	260	265	102	276	-3.9	1690	1676	99	1719	-2.5
	T	4300	380	351	92	391	-10.3	2465	2251	91	2470	-8.9
MEGHABA TUBURU 5000	L	1150	100	90	90	122	-26.2	720	631	88	646	-2.3
	F	2750	260	270	104	229	18.1	1550	1384	89	1281	8.0
	T	3900	360	360	100	351	2.7	2270	2015	89	1927	4.6
BOLANI 6500	L	2250	210	218	104	204	6.7	1290	1232	95	1172	5.1
	F	3950	350	287	82	242	18.4	2260	1813	80	1712	5.9
	T	6200	560	504	90	446	13.0	3550	3045	86	2883	5.6
BARSUA 3000	L	680	80	56	70			320	274	86		
	F	1370	160	149	93			520	649	125		
	T	2050	240	205	85			840	923	110		53
TALDIH 1000	L	420	30	7	22	36	-81.6	285	173	61	221	-21.8
	F	480	50					220	105	48		
	T	900	80	7	8	36	-81.6	505	278	55	221	25.8
KALTA 2500	L	1000	85	75	88	56	34.7	605	481	80	367	31.1
	F	1200	130	77	59	117	-34.4	570	396	69	403	-1.9
	T	2200	215	152	71	173	-12.1	1175	877	75	770	13.8
GUA 4000	L	1000	80	79	99	74	6.7	610	623	102	537	16.0
	F	3200	280	216	77	280	-23.1	1860	1604	86	1720	-6.8
	T	4200	360	295	82	354	-16.8	2470	2227	90	2258	-1.4
MANOHAR - PUR 1500	L	350	30	32	106	15	119.6	210	214	102	106	101.8
	F	400	30	35	118	28	24.8	215	159	74	71	124.5
	T	750	60	67	112	43	56.8	425	374	88	177	110.9
TOTAL 29000	L	8150	735	642	87	622	3.2	4815	4203	87	3800	10.6
	F	16350	1520	1298	85	1172	10.7	8885	7787	88	6906	12.7
	T	24500	2255	1940	86	1794	8.1	13700	11989	88	10707	12.0

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

October 2018

UNIT 000 TONNES

DESPATCHES																	
MINE	COMM.	PLAN	FOR THE MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON				
		2018-19	TGT	ACT	%FF	LAST YR Oct 2017		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END		
KIRIBURU	L	1300	120	80	66	108	-26.4	775	566	73	722	-21.6	28	32	35		
	F	3000	260	258	99	245	5.1	1830	1680	92	1609	4.4	1021	1009	1010		
	T	4300	380	337	89	353	-4.5	2605	2247	86	2332	-3.6	1049	1041	1045		
MEGHAHA TUBURU	L	1150	100	51	51	82	-38.5	750	591	79	645	-8.3	101	98	140		
	F	2750	210	243	116	223	9.1	1770	1545	87	1387	11.4	552	337	372		
	T	3900	310	294	95	305	-3.7	2520	2136	85	2031	5.2	653	435	512		
BOLANI	L	2250	210	161	77	147	9.4	1315	1227	93	1139	7.7	133	78	131		
	F	3950	340	273	80	230	18.8	2340	1929	82	1805	6.9	1522	1385	1401		
	T	6200	550	434	79	377	15.2	3655	3156	86	2944	7.2	1655	1463	1532		
BARSUA	L	680	80	63	79			315	250	79			15	46	39		
	F	1370	160	94	59			520	486	93			194	190	246		
	T	2050	240	157	65			835	736	88			209	236	285		
TALDIH	L	420	30	22	74	35	-36.6	285	176	62	228	-22.9	9	22	4		
	F	480	50					220	103	47			9	11	4		
	T	900	80	22	28	35	-36.6	505	279	55	228	22.5	18	33	8		
KALTA	L	1000	85	78	92	36	120.6	605	478	79	346	38.1	12	22	23		
	F	1200	130	75	58	96	-22.0	570	399	70	387	3.1	13	8	10		
	T	2200	215	154	71	132	16.5	1175	877	75	734	19.6	25	30	33		
GUA	L	1000	80	74	92	51	44.3	610	647	106	468	38.2	30	27	27		
	F	3200	280	211	75	267	-21.0	1860	1407	76	1517	-7.3	161	143	168		
	T	4200	360	285	79	318	-10.4	2470	2053	83	1985	3.4	191	170	195		
MANOHAR - PUR	L	350	30	29	95	13	113.2	210	212	101	105	101.3	5	5	5		
	F	400	30	33	110	28	17.0	215	156	72	64	144.7	5	1	3		
	T	750	60	61	102	42	48.0	425	367	86	169	117.7	5	6	8		
TOTAL	L	8150	735	558	76	473	17.9	4865	4147	85	3652	13.5	328	330	404		
	F	16350	1460	1187	81	1089	9.0	9325	7705	83	6770	13.8	3477	3084	3214		
	T	24500	2195	1745	79	1562	11.7	14190	11851	84	10422	13.7	3805	3414	3618		

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

October 2018

UNIT 000 TE

DEVELOPMENT

	FOR MONTH			TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF	TGT	ACT	%FF		
KIRIBURU	214	68	32	1365	649	48	1155	-44
MEGHAHATUBURU	270	145	54	2180	1718	79	2336	-26
BOLANI	340	264	78	2586	1733	67	1747	-1
BARSUA	80	36	44	650	151	23	20	654
TALDIH	30	0	0	150	65	44	154	-58
KALTA	0	0		0	0		0	
GUA	390	118	30	1640	813	50	854	-5
MANOHARPUR	0	0		0	1		0	
TOTAL	1324	631	48	8571	5131	60	6267	-18.1

ROM

KIRIBURU	380	351	92	2565	2251	88	2522	-11
MEGHAHATUBURU	370	378	102	2550	2210	87	2174	2
BOLANI	590	522	88	3580	3111	87	2935	6
BARSUA	260	212	82	980	956	98	0	
TALDIH	80	22	28	505	443	88	556	-20
KALTA	215	142	66	1175	870	74	756	15
GUA	360	295	82	2470	2227	90	2258	-1
MANOHARPUR	60	67	112	425	374	88	177	111
TOTAL	2315	1989	86	14250	12441	87	11378	9

TOTAL EXCAVATION

KIRIBURU	594	419	70	3930	2900	74	3678	-21
MEGHAHATUBURU	640	523	82	4730	3928	83	4510	-13
BOLANI	930	786	85	6166	4844	79	4683	3
BARSUA	340	248	73	1630	1108	68	20	5418
TALDIH	110	22	20	655	508	78	710	-28
KALTA	215	142	66	1175	870	74	756	15
GUA	750	413	55	4110	3040	74	3112	-2
MANOHARPUR	60	67	112	425	375	88	177	112
TOTAL	3639	2620	72	22821	17572	77	17645	0

Performance against Last Year

Unit in Te

	PREVIOUS YEAR EXCAVATION PERFORMANCE 2017-18																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB
Apr-17	566550	319590	246960	573770	133020	440750	581486	408757	172729	0	0	0	78111	53811	24300	125300	125300	0	436700	320600	116100	48679	48679	0	2410596	1409757	1000839
May-17	488520	318330	170190	547990	260190	287800	594504	458911	135593	4365	0	4365	140403	102558	37845	108247	108247	0	430265	315200	115065	49712	49712	0	2364006	1613148	750858
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
Total	3677526	2522160	1155366	4509840	2173590	2336250	4682640	2935440	1747200	20070	0	20070	709938	555588	154350	756060	756060	0	3111763	2257500	854263	177172	177172	0	17645009	11377510	6267499

Change Over Last Year

DIFF	-777542	-271530	-506012	-581720	36630	-618350	161220	175504	-14284	1085082	956092	128990	-201690	-112680	-89010	113700	113700	0	-72133	-30770	-41363	197576	196522	1054	-75507	1063468	-1138975
%Chg	-21.1	-10.8	-43.8	-12.9	1.7	-26.5	3.4	6.0	-0.8	5406.5	-	642.7	-28.4	-20.3	-57.7	15.0	15.0	-	-2.3	-1.4	-4.8	111.5	110.9	-	-0.4	9.3	-18.2

Performance against Last Year

Unit in Te

PREVIOUS YEAR PRODUCTION PERFORMANCE 2017-18																												
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-17	98217	221373	319590	42314	135337	177651	150393	254749	405142				21394	21394	57208	58563	115771	92928	227672	320600	30625	18054	48679	493079	915748	1408827		
May-17	106745	211585	318330	70752	177349	248101	174492	280029	454521				41093	41093	55660	54424	110084	91253	223947	315200	30522	19190	49712	570517	966524	1537041		
Jun-17	100070	270370	370440	82706	232536	315242	157170	242913	400083				26726	26726	41059	31414	72473	80324	252676	333000	30594	742	31336	518649	1030651	1549300		
Jul-17	94020	250140	344160	92232	168657	260889	121037	192991	314028				24980	24980	51291	18756	70047	70132	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		
Total	751479	1718871	2470350	645614	1281416	1927030	1171727	1711623	2883350				220803	220803	367085	403204	770289	537116	1720384	2257500	106256	70965	177221	380080	6906463	10706543		

THIS YEAR PRODUCTION PERFORMANCE 2018-19																												
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-18	73813	204017	277830	82542	217606	300148	93647	217222	310869				39333	29869	69202	79217	88549	167766	92820	248180	341000	18700			18700	480072	1005443	1485515
May-18	83313	282177	365490	86157	217474	303631	184358	276615	460973	23342	65573	88915	35870	35918	71788	74843	71871	146714	94338	246762	341100	44310	25830	70140	626531	1222220	1848751	
Jun-18	75868	270812	346680	68642	235470	304112	185256	292582	477838	50900	129999	180899	31623	13503	45126	61887	45438	107325	94500	230810	325310	33310	31604	64914	601986	1250218	1852204	
Jul-18	86553	223677	310230	86047	135257	221304	193161	251857	445018	46105	85412	131517	28502	15190	43692	48711	16190	64901	96275	226375	322650	18981	27458	46439	604335	981416	1585751	
Aug-18	90540	223740	314280	137381	135108	272489	188120	219138	407258	47165	99358	146523	24308	664	24972	78855	52463	131318	84805	215255	30060	31619	19215	50834	682793	964941	1647734	
Sep-18	78941	206629	285570	80208	173058	253266	169437	269053	438490	50684	120045	170729	6464	10116	16580	62818	44316	107134	81045	221045	302090	35682	19694	55376	565279	1063956	1629235	
Oct-18	85742	264808	350550	90090	270372	360462	217696	286553	504249	55820	148752	204572	6697		6697	74938	76859	151797	79019	215501	294520	31869	35426	67295	641871	1298271	1940142	
Total	574770	1675860	2250630	631067	1384345	2015412	1231675	1813020	3044695	274016	649139	923155	172797	105260	278057	481269	395686	876955	622802	1603928	2226730	214471	159227	373698	4202867	7786465	11989332	

Change Over Last Year

DIFF	-176709	-43011	-219720	-14547	102929	88382	59948	101397	161345	274016	649139	923155	-48006	105260	57254	114184	-7518	106666	85686	-116456	-30770	108215	88262	196477	402787	880002	1282789
%Chg	-23.5	-2.5	-8.9	-2.3	8.0	4.6	5.1	5.9	5.6	-	-	-	-21.7	-	25.9	31.1	-1.9	13.8	16.0	-6.8	-1.4	101.8	124.4	110.9	10.6	12.7	12.0

Performance against Last Year

Unit in Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2017-18												THIS YEAR DESPATCH PERFORMANCE 2018-19															
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	
Apr-17	93034	205705	298739	102557	186744	289301	157291	270155	427446				19284	19284	52923	49335	102258	94743	211053	305796	29782	13962	43744	549614	936954	1486568		
May-17	108284	229783	338067	75471	122904	198375	161078	238285	399363				44258	44258	61635	51644	113279	86851	198410	285261	33785	18125	51910	571362	859151	1430513		
Jun-17	94661	236046	330707	71102	204110	275212	161631	269244	430875				31910	31910	39970	40446	80416	69949	215160	285109	28119		28119	497342	965006	1462348		
Jul-17	95988	203227	299215	98431	202274	300705	131343	201904	333247				26127	26127	50192	32846	83038	56698	214229	270927				458779	854480	1313259		
Aug-17	128151	252650	380801	124649	209225	333874	188639	310588	499227				31718	31718	52154	44328	96482	50379	210555	260934				575690	1027346	1603036		
Sep-17	94122	236991	331113	90078	238322	328400	191268	285463	476731				40249	40249	53720	72421	126141	58144	200914	259058				2978	2978	527581	1037089	1564670
Oct-17	107967	245065	353032	82345	223131	305476	147489	229753	377242				34809	34809	35575	96331	131906	51234	267710	318944	13402	28128	41530	472821	1090118	1562939		
Total	722207	1609467	2331674	644633	1386710	2031343	1138739	1805392	2944131	0	0	0	228355	0	228355	346169	387351	733520	467998	1518031	1986029	105088	63193	168281	3653189	6770144	10423333	

Unit in Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2017-18												THIS YEAR DESPATCH PERFORMANCE 2018-19														
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-18	83370	219106	302476	124184	208457	332641	121767	314857	436624				41799	23872	65671	72764	88815	161579	110181	207154	317335	17613		17613	571678	1062261	1633939
May-18	86809	224600	311409	90587	221302	311889	143299	321339	464638	11027	13401	24428	28797	33720	62517	72019	67164	139183	105181	173192	278373	46414	22063	68477	584133	1076781	1660914
Jun-18	77029	251775	328804	51764	258754	310518	233646	310958	544604	48990	69219	118209	36341	16492	52833	71150	57334	128484	97799	171704	269503	30099	32631	62730	646818	1168867	1815685
Jul-18	86744	222210	308954	86332	189169	275501	196074	277784	473858	49665	110036	159701	32062	14194	46256	46764	14455	61219	99794	213607	313401	22072	26515	48587	619507	1067970	1687477
Aug-18	70849	232280	303129	103720	211329	315049	195435	210652	406087	34538	112653	147191	10639	10639	79638	39235	118873	89921	225752	315673	25664	18954	44618	610404	1050855	1661259	
Sep-18	82155	272635	354790	83990	211535	295525	175113	220309	395422	42903	86578	129482	3846	14883	18729	57156	57061	114217	70118	204300	274418	41073	22560	63633	556354	1089861	1646216
Oct-18	79501	257678	337179	50670	243433	294103	161384	273019	434403	63013	93967	156980	22076	22076	78468	75139	153607	73948	210812	284760	28569	32913	61482	557629	1186961	1744590	
Total	566457	1680284	2246741	591247	1543979	2135226	1226718	1928918	3155636	250136	485854	735991	175560	103161	278721	477959	399203	877162	646942	1406521	2053463	211504	155636	367140	4146523	7703556	11850080

Change Over Last Year

DIFF	-155750	70817	-84933	-53386	157269	103883	87979	123526	211505	250136	485854	735991	-52795	103161	50366	131790	11852	143642	178944	-111510	67434	106416	92443	198859	493334	933412	1426747
%Chg	-21.6	4.4	-3.6	-8.3	11.3	5.1	7.7	6.8	7.2	-	-	-	-23.1	-	22.1	38.1	3.1	19.6	38.2	-7.3	3.4	101.3	146.3	118.2	13.5	13.8	13.7

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2018

बोकारो इस्पात संयंत

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	60	25	42	430	239	56	246	-3	110	73	66	520	652	125	591	10	170	98	58	950	891	94	837	6
MBR	80	14	18	490	250	51	335	-25	70	46	65	575	616	107	648	-5	150	60	40	1065	866	81	982	-12
BOL	35	54	156	250	397	159	393	1	130	85	66	950	466	49	484	-4	165	140	85	1200	864	72	877	-1
BAR	25	3	13	95	23	25			15	53	357	55	347	631			40	57	142	150	370	247		
TAL		22			36		23	60	50			120	103	86			50	22	44	120	140	116	23	512
KAL	15	25	168	60	279	465	61	360		15			90		108	-17	15	40	265	60	370	616	169	119
GUA	5	2	46	85	19	22	115	-84		8			68		296	-77	5	10	206	85	87	103	411	-79
MPR	30	22	75	210	139	66	43	221	30	22	74	165	103	62	26	304	60	45	75	375	242	64	69	252
RMD TOT	250	169	68	1620	1383	85	1216	14	405	302	75	2385	2446	103	2152	14	655	471	72	4005	3829	96	3368	14
DRZ																								
PUR																								
GR TOT	250	169	68	1620	1383	85	1216	14	405	302	75	2385	2446	103	2152	14	655	471	72	4005	3829	96	3368	14

FLUXES

KTR	45	24	53	266	201	76	178	13
TDMR	5	7	133	60	39	65	48	-18
TOT	50	31	61	326	240	74	226	6

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2018

दूर्गापूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH		
	APP	ACT	%FF	APP	ACT	%FF			YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF					
KRB							8	-100																8	-100	
MBR					7		27	-74			7			74			18	314		7			81		45	81
BOL	130	83	64	695	592	85	480	23	140	155	111	900	942	105	695	36	270	238	88	1595	1534	96	1175	31		
BAR																										
TAL																										
KAL																										
GUA	40	32	80	315	263	84	257	2	80	92	115	545	605	111	541	12	120	124	104	860	868	101	798	9		
MPR								4	-100															4	-100	
RMD TOT	170	115	68	1010	862	85	775	11	220	254	116	1445	1620	112	1254	29	390	370	95	2455	2483	101	2030	22		
DRZ																										
PUR																										
GR TOT	170	115	68	1010	862	85	775	11	220	254	116	1445	1620	112	1254	29	390	370	95	2455	2483	101	2030	22		

0

FLUXES

KTR	5	4	88	30	28	94	12	136
TDMR							4	-100
TOT	5	4	88	30	28	94	16	77

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2018
राउरकेला इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF			YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF
KRB	20	54	270	245	328	134	468	-30	110	181	165	820	979	119	867	13	130	235	181	1065	1307	123	1335	-2
MBR	20	37	183	260	331	127	283	17	30	187	623	560	740	132	613	21	50	223	447	820	1071	131	896	20
BOL																								
BAR	55	60	109	220	227	103			75	40	54	185	139	75			130	100	77	405	365	90		
TAL	30			285	139	49	195	-29				100					30			385	139	36	195	-29
KAL	70	53	76	470	199	42	262	-24	130	61	47	570	309	54	260	19	200	114	57	1040	508	49	523	-3
GUA																								
MPR		6			69		11	514		11		50	45	90	29	57		17		50	114	228	40	186
RMD TOT	195	210	108	1480	1292	87	1220	6	345	480	139	2285	2212	97	1768	25	540	690	128	3765	3504	93	2988	17
PUR																								
DRZ					6																	6		
GR TOT	195	210	108	1480	1298	88	1220	6	345	480	139	2285	2212	97	1768	25	540	690	128	3765	3510	93	2988	17

0

FLUXES

KTR	20	8	40	107	52	49	61	-14
TDMR		3		24	8	34	30	-73
TOT	20	11	54	131	60	46	91	-34

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2018

बर्नपूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH		
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%		
KRB	40			100											3					40			100	3	3	
MBR				3					40	4	9	300	107	36	101	6	40	4	9	300	111	37	101	9		
BOL	45	24	58	370	237	64	266	-11	70	33	47	490	521	106	626	-17	115	56	49	860	758	88	892	-15		
BAR																										
TAL							10	-100															10	-100		
KAL				75			23	-100								19	-100					75		42	-100	
GUA	35	39	113	210	365	174	96	281	160	111	69	1070	734	69	680	8	195	150	77	1280	1098	86	776	42		
MPR						4		47	-92							8		9	-20				11		57	-80
RMD TOT	120	63	58	755	609	81	441	38	270	147	55	1860	1372	74	1436	-4	390	210	54	2615	1981	76	1877	6		
DRZ																										
PUR																										
GR TOT	120	63	58	755	609	81	441	38	270	147	55	1860	1372	74	1436	-4	390	210	54	2615	1981	76	1877	6		

FLUXES

KTR							
TDMR				4	3	66	8
TOT				4	3	66	8

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2018

भिलाई इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP						FINES						TOTAL						FOR MONTH						TILL MONTH					
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH						
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%						
KRB									30	4	12	420	46	11	151	-70	30	4	12	420	46	11	151	-70						
MBR														8		7	4						8		7	4				
BOL																														
BAR									70			280					70			280										
TAL																														
KAL																														
GUA																														
MPR																														
RMD TOT									100	4	4	700	54	8	159	-66	100	4	4	700	54	8	159	-66						
DRZ																														
PUR																														
GR TOT									100	4	4	700	54	8	159	-66	100	4	4	700	54	8	159	-66						
FLUXES																														
KTR	50	32	65	377	246	65	323	-24																						
TD MR	10	6	56	47	82	174	24	240																						
TOT	60	38	63	424	328	77	347	-6																						

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2018

BSL+DSP+RSP+ISP+BSP

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	120	80	66	775	566	73	722	-22	250	258	103	1760	1680	95	1609	4	370	337	91	2535	2247	89	2332	-4
MBR	100	51	51	750	591	79	645	-8	140	243	174	1435	1545	108	1387	11	240	294	123	2185	2136	98	2031	5
BOL	210	161	77	1315	1227	93	1139	8	340	273	80	2340	1929	82	1805	7	550	434	79	3655	3156	86	2944	7
BAR	80	63	79	315	250	79			160	94	59	520	486	98			240	157	65	835	736	88		
TAL	80	22	74	285	176	62	228	-23	50			220	103	47			80	22	28	505	279	55	228	22
KAL	85	78	92	605	478	79	346	38	180	75	58	570	399	70	387	3	215	154	71	1175	877	75	734	20
GUA	80	74	92	610	647	106	468	38	240	211	88	1615	1407	87	1517	-7	320	285	89	2225	2053	92	1985	3
MPR	80	29	95	210	212	101	105	101	30	33	110	215	156	72	64	145	60	61	102	425	367	86	169	118
RMD TOT	735	558	76	4865	4147	85	3652	14	1340	1187	89	8675	7705	89	6770	14	2075	1745	84	13540	11851	88	10422	14
PUR																								
DRZ						6															6			
GR TOT	735	558	76	4865	4153	85	3652	14	1340	1187	89	8675	7705	89	6770	14	2075	1745	84	13540	11857	88	10422	14

FLUXES

KTR	120	68	57	780	527	68	573	-8
TDMR	15	15	100	135	131	97	114	15
TOT	135	83	62	915	659	72	687	-4

FLUX MINES OPERATIONS
October 2018

UNIT 000 TONNES

PRODUCTION

MINE		PLAN 2018-19	FOR THE MONTH				GRTH % OVER LSTYR Oct 2017	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR Oct 2017		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1365	120	60	50	54	11.1	780	494	63	555	-11.0
TULSIDAMAR	DOLO	210	15	15	100	13	12.2	135	107	79	112	-4.6
RMD TOTAL		1575	135	75	56	68	11.3	915	600	66	667	-10.0

DESPATCHES

MINE		PLAN 2018-19	FOR THE MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1365	120	68	57	60	13.4	780	527	68	573	-8.0
TULSIDAMAR	DOLO	210	15	15	100	3	452.6	135	131	97	114	15.0
RMD TOTAL		1575	135	83	62	63	32.3	915	659	72	687	-4.2

Monthwise Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2017-18					
	KTR		Tulsidamar		RMD TOTAL	
	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
Total	555042	572970	111791	114265	666833	687235

THIS YEAR FLUX PERFORMANCE 2018-19						
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-18	65064	72530	13836	22043	78900	94573
May-18	75105	88888	14281	12952	89386	101840
Jun-18	98203	88408	15876	21881	114079	110289
Jul-18	81536	80318	12834	20622	94370	100940
Aug-18	46162	48192	14831	26918	60993	75110
Sep-18	67847	80480	19986	12059	87833	92539
Oct-18	60349	68474	14957	14969	75306	83443
Total	494266	527290	106601	131444	600867	658734

Over Last Year

DIFF	-60776	-45680	-5190	17179	-65966	-28501
%Chg	-10.9	-8.0	-4.6	15.0	-9.9	-4.1

QUALITY ANALYSED AT PLANT

October 2018

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाइन्स

FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	TDM	NORM	30	18	5	5	10
	MTH ACT	62.44	3.94	1.81	9.21	18.83	62.15	3.77	2.34	9.98	29.83		MTH ACT	28.08	17.67	5.30	9.50	9.10
CUM	2018-19	62.61	3.64	1.77	14.12	19.48	62.10	3.85	2.32	9.86	30.02	CUM	2018-19	29.27	19.55	4.94	5.38	9.04
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	29.75	18.89	5.47	5.92	9.88
MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	63.12	3.27	1.69	15.16	18.77	61.57	4.49	2.59	3.99	37.73		MTH ACT	43.51	2.76	3.91	6.99	27.05
CUM	2018-19	62.78	3.18	2.00	14.58	20.72	61.76	4.17	2.54	5.10	35.54	CUM	2018-19	44.42	2.37	3.65	5.52	25.18
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	45.56	2.57	3.33	4.00	26.14
GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00							
	MTH ACT	63.04	2.61	2.15	17.78	20.25	62.00	3.99	2.16	2.23	42.38							
CUM	2018-19	63.00	2.95	1.88	19.31	20.00	62.53	3.39	2.13	2.71	41.88							
CUM	2017-18	62.73	3.02	2.02	10.95	25.04	62.62	3.15	2.01	2.62	40.59							
BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00							
	MTH ACT	63.37	2.43	1.89	20.70	14.92	62.10	3.37	2.70	6.12	33.78							
CUM	2018-19	62.88	3.07	1.95	19.17	18.95	61.89	3.59	2.67	5.72	34.75							
CUM	2017-18	62.98	2.78	1.98	16.54	21.21	62.19	3.30	2.60	5.68	34.46							
BAR	NORM	62.50	2.70	2.60	5.00	10.00	62.00	2.80	3.20	5.00	30.00							
	MTH ACT	63.97	1.81	1.77	19.10	6.60	61.03	3.95	3.84	5.84	34.61							
CUM	2018-19	63.00	2.21	3.02	18.54	16.65	61.75	3.29	3.55	5.62	35.23							
CUM	2017-18																	
KAL	NORM	63.00	2.10	2.30	0.00	10.00	63.00	2.40	2.50	5.00	40.00							
	MTH ACT	63.66	2.21	1.80	10.10	12.97	63.58	2.35	1.91	4.83	30.63							
CUM	2018-19	63.73	2.17	2.10	6.42	13.06	63.25	2.49	2.45	4.63	30.18							
CUM	2017-18	64.36	1.80	1.50	6.76	12.44	63.70	2.20	1.90	4.30	29.54							
MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00							
	MTH ACT	63.68	2.16	1.82	20.39	9.39	63.27	2.23	2.40	4.84	30.12							
CUM	2018-19	63.80	2.16	1.92	12.82	11.48	63.25	2.45	2.38	4.59	30.10							
CUM	2017-18	64.61	1.57	1.42	10.76	12.45	63.59	2.12	2.17	4.41	30.08							
TAL	NORM	63.00	2.40	2.40	0.00	10.00	62.00	3.00	3.00	10.00	40.00							
	MTH ACT	63.72	2.09	1.80	12.11	13.13												
CUM	2018-19	63.31	2.46	2.14	12.17	14.63	62.50	2.90	3.05	4.66	31.05							
CUM	2017-18	63.54	2.25	1.92	7.48	13.66	62.64	2.64	3.03	4.60	29.80							

QUALITY ANALYSED AT PLANT

October 2018

दूर्गापूर इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाइन्स

FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	TDM	NORM	30	18	5	5	10
	MTH ACT												MTH ACT					
CUM	2018-19											CUM	2018-19					
CUM	2017-18	63.30	2.70	1.90	4.40	22.80						CUM	2017-18	30.40	16.20	4.40	71.80	10.40

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT						63.60	3.57	1.83	3.87	54.27		MTH ACT					
CUM	2018-19	62.80	2.60	2.00	17.60	4.20	61.79	4.17	2.12	3.40	41.60	CUM	2018-19	47.56	1.98	4.31	26.19	15.64
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	45.70	2.28	4.53	31.28	11.88

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00
	MTH ACT	61.25	5.03	1.93	30.20	10.43	63.34	2.97	1.90	3.59	49.82
CUM	2018-19	62.56	3.25	1.66	21.85	15.07	63.28	3.09	1.96	2.34	51.61
CUM	2017-18	62.72	2.94	1.59	10.62	16.98	63.95	2.47	1.58	2.43	51.83

BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00
	MTH ACT	61.50	3.25	2.36	27.81	10.59	62.63	2.86	2.41	7.02	36.95
CUM	2018-19	62.13	3.02	1.97	21.77	14.87	62.62	3.00	2.42	5.59	41.14
CUM	2017-18	62.70	2.27	1.95	15.32	15.19	62.89	2.69	2.26	5.71	41.45

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FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES	CaO%	MgO%	SiO ₂ %	OS%	US%	
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	TDM	NORM	30	18	5	5	10
	MTH ACT	62.38	2.72	3.58	15.80	21.00	61.90	3.30	2.97	8.00	37.00		MTH ACT	30.50	19.10	5.60		
CUM	2018-19	62.62	3.12	2.81	13.12	19.41	62.10	3.18	2.81	6.95	33.75	CUM	2018-19					
CUM	2017-18	62.53	3.04	2.66	14.17	21.64	62.19	3.08	2.51	8.00	34.25	CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	KTR	NORM	50.00	2.25	3.50	5.00	5.00
	MTH ACT	62.36	2.81	3.50	18.50	18.90	61.70	3.80	2.70				MTH ACT	49.90	3.30	3.70		
CUM	2018-19	62.54	3.07	2.97	12.45	19.97	61.99	3.30	2.76	2.13	9.32	CUM	2018-19	50.39	2.30	3.02		
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	49.10	2.77	3.56		

BAR	NORM	62.50	2.70	2.60	5.00	10.00	62.00	2.80	3.20	5.00	30.00
	MTH ACT	62.24	2.85	3.63	15.50	22.60	61.64	3.36	3.27	7.20	
CUM	2018-19	62.43	3.07	3.14	12.11	22.30	61.77	3.42	3.03	6.21	11.06
CUM	2017-18										

KAL	NORM	63.00	2.10	2.30	0.00	10.00	63.00	2.40	2.50	5.00	40.00
	MTH ACT	63.46	2.32	2.39	15.40	16.70	63.11	2.22	2.35		
CUM	2018-19	63.57	2.36	2.18	11.34	16.43	63.04	2.33	2.06	3.09	17.07
CUM	2017-18	63.36	2.08	2.07	9.81	16.57	63.00	2.26	2.14	7.35	28.90

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00
	MTH ACT	63.30	2.55	2.44	17.00	16.00	63.21	2.05	2.34	8.00	38.00
CUM	2018-19	63.48	2.46	2.22	15.86	15.54	62.96	2.48	2.45	7.86	34.83
CUM	2017-18	63.44	2.07	2.14	16.32	17.40	62.54	2.53	2.58	5.66	30.75

TAL	NORM	63.00	2.40	2.40	0.00	10.00	62.00	3.00	3.00	10.00	40.00
	MTH ACT										
CUM	2018-19	63.46	2.45	2.26	9.39	14.01					
CUM	2017-18	63.44	2.12	2.05	10.23	16.33					

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FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	TDM	NORM	30	18	5	5	10
	MTH ACT												MTH ACT					
CUM	2018-19						62.70	2.24	3.35	13.13	41.97	CUM	2018-19					
CUM	2017-18	63.51	3.36	2.02	23.17	1.00	62.59	2.62	3.35	9.30	42.42	CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT						62.86	4.19	2.06	6.48	49.64		MTH ACT					
CUM	2018-19	64.79	1.47	1.18	66.82	0.70	61.63	4.64	2.80	9.49	35.05	CUM	2018-19					
CUM	2017-18	61.13	1.87	4.21	19.60		62.01	3.55	3.53	7.77	38.51	CUM	2017-18					

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00
	MTH ACT	64.35	1.82	1.63	48.36	1.27	63.68	2.98	1.94	4.07	49.48
CUM	2018-19	63.24	2.95	1.79	22.23	1.83	63.13	3.32	2.19	4.56	50.00
CUM	2017-18	62.82	2.93	2.43	22.20	2.50	62.95	2.83	2.75	3.39	50.66

BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00
	MTH ACT	58.89	10.47	1.46	28.59	1.94	62.26	4.51	2.36	10.12	35.44
CUM	2018-19	62.56	3.80	2.00	19.96	1.06	61.84	3.78	3.11	8.61	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

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00
	MTH ACT										
CUM	2018-19	63.84	2.70	2.04	21.63	4.03	63.22	3.69	1.78	2.82	61.50
CUM	2017-18	62.41	2.41	3.68	23.83	4.96	61.01	3.09	4.95	3.76	43.00

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FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES	CaO%	MgO%	SiO ₂ %	OS%	US%	
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	TDM	30.0	18.0	5.0	5.0	10.0	
	MTH ACT						64.02	2.79	2.10	11.00	29.40		28.61	18.33	7.20	38.60	9.75	
CUM	2018-19						62.84	4.62	1.88	11.49	37.80	CUM	2018-19	28.43	17.66	8.41	34.88	9.60
CUM	2017-18											CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	KTR	NORM	50.0	2.25	3.50	5.0	5.0
	MTH ACT												MTH ACT	49.51	2.40	4.12	8.98	20.18
CUM	2018-19						62.32	4.69	1.61	1.10	39.60	CUM	2018-19	49.99	2.19	3.92	7.89	8.84
CUM	2017-18											CUM	2017-18	50.46	1.89	3.64	7.16	18.33

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

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

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

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

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.74	2.99	2.34	13.94	21.08	5.33	0.78	
APP 18-19	62.70	2.80	2.50	5.00	10.00	5.30	0.89	
Apr-18	62.81	3.09	2.44	16.20	17.03	5.53	0.79	84301
May-18	62.90	2.92	2.36	11.48	18.25	5.28	0.81	87515
Jun-18	62.73	2.96	2.57	13.00	17.55	5.53	0.87	72702
Jul-18	62.56	3.63	2.10	11.74	22.34	5.73	0.58	89879
Aug-18	62.48	3.76	2.12	12.68	21.33	5.88	0.56	67213
Sep-18	62.39	3.92	2.02	15.84	19.28	5.94	0.52	86320
Oct-18	62.40	3.10	3.02	13.72	20.32	6.13	0.97	80665
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.61	3.34	2.37	13.54	19.44	5.71	0.71	568595

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.23	3.19	2.50	8.68	32.69	5.69	0.78	
APP 18-19	62.50	3.20	2.60	5.00	30.00	5.80	0.81	
Apr-18	62.27	3.12	2.71	10.17	29.79	5.82	0.87	224518
May-18	62.19	3.06	2.86	10.54	31.07	5.92	0.94	214882
Jun-18	62.25	3.17	2.69	7.45	32.15	5.86	0.85	250772
Jul-18	62.06	3.52	2.61	8.20	32.85	6.13	0.74	226427
Aug-18	62.02	3.96	2.23	9.38	30.25	6.20	0.56	229623
Sep-18	62.04	3.95	2.34	11.02	31.67	6.29	0.59	270810
Oct-18	62.00	3.42	2.78	8.60	34.89	6.21	0.81	260109
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.12	3.47	2.60	9.33	31.88	6.07	0.75	1677141

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लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.68	2.99	2.18	15.00	20.32	5.17	0.73	
APP 18-19	62.50	3.00	2.50	5.00	10.00	5.50	0.83	
Apr-18	62.72	3.03	2.43	14.42	17.36	5.45	0.80	121538
May-18	62.75	2.91	2.62	11.74	17.61	5.53	0.90	90960
Jun-18	62.56	3.26	2.53	13.84	20.31	5.79	0.77	53604
Jul-18	62.65	3.34	2.46	12.82	22.73	5.80	0.74	86004
Aug-18	62.55	3.23	2.49	12.20	23.05	5.72	0.77	106271
Sep-18	62.71	3.02	2.52	15.04	20.37	5.54	0.84	80515
Oct-18	62.61	2.96	2.92	17.42	18.86	5.87	0.99	55486
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.66	3.10	2.54	13.69	20.01	5.64	0.82	594378

मेघाहातुबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.04	3.44	2.59	6.94	32.44	6.03	0.75	
APP 18-19	62.00	3.90	2.60	5.00	35.00	6.50	0.67	
Apr-18	62.03	3.32	2.82	5.53	35.29	6.14	0.85	203415
May-18	61.78	3.64	2.92	5.02	37.76	6.57	0.80	221291
Jun-18	61.81	3.79	2.73	5.65	35.66	6.52	0.72	259755
Jul-18	61.97	3.63	2.58	7.12	35.16	6.21	0.71	185424
Aug-18	61.85	4.28	2.25	6.74	33.38	6.53	0.53	196224
Sep-18	61.98	3.94	2.45	5.23	36.78	6.39	0.62	224045
Oct-18	61.72	3.93	2.66	4.17	39.71	6.59	0.68	246251
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	61.87	3.79	2.64	5.56	36.37	6.43	0.69	1536405

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लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.77	2.56	2.23	16.16	14.54	4.79	0.87	
APP 18-19	62.70	2.70	2.40	5.00	10.00	5.10	0.89	
Apr-18	63.20	2.07	2.09	23.00	10.70	4.16	1.01	125758
May-18	62.68	2.26	2.12	17.05	13.49	4.38	0.94	140298
Jun-18	62.64	2.73	2.17	20.97	13.80	4.90	0.79	216129
Jul-18	62.51	3.20	1.87	15.78	17.77	5.08	0.58	173171
Aug-18	62.50	3.88	1.55	18.00	13.59	5.42	0.40	192079
Sep-18	62.18	3.60	1.99	23.74	12.96	5.60	0.55	179450
Oct-18	61.65	4.19	2.06	25.72	10.51	6.25	0.49	169282
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.45	3.20	1.97	20.58	13.39	5.17	0.62	1196167

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.74	2.96	1.86	13.08	15.88	4.82	0.63	
APP 18-19	62.50	3.00	2.20	5.00	10.00	5.20	0.73	
Apr-18	63.19	2.28	1.74	25.25	4.92	4.02	0.76	107438
May-18	63.11	2.89	1.76	14.83	9.00	4.64	0.61	108220
Jun-18	63.50	2.08	1.99	14.25	5.83	4.06	0.96	101865
Jul-18	62.72	4.09	1.53	16.21	7.99	5.62	0.37	97342
Aug-18	62.57	4.01	1.53	24.44	8.56	5.54	0.38	85455
Sep-18	62.38	3.31	1.87	23.62	13.01	5.18	0.56	67829
Oct-18	63.02	3.18	1.77	39.65	5.80	4.95	0.56	82249
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.97	3.07	1.74	21.99	7.64	4.81	0.57	650398

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.53	2.94	2.65	6.84	39.97	5.59	0.90	
APP 18-19	62.50	2.90	2.80	5.00	35.00	5.70	0.97	
Apr-18	62.54	2.86	2.78	6.51	42.47	5.65	0.97	305439
May-18	62.15	3.31	2.79	5.23	41.13	6.09	0.84	326463
Jun-18	61.91	3.20	3.20	6.28	41.02	6.40	1.00	302797
Jul-18	61.88	3.67	2.90	5.98	37.91	6.57	0.79	276620
Aug-18	62.44	3.69	1.98	6.48	40.06	5.67	0.54	213558
Sep-18	62.29	3.76	2.23	7.98	35.88	5.99	0.59	226512
Oct-18	62.42	3.24	2.49	7.19	35.80	5.73	0.77	281369
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.22	3.36	2.67	6.45	39.36	6.03	0.79	1932758

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.26	2.76	2.16	2.88	49.07	4.92	0.78	
APP 18-19	62.50	2.90	2.80	5.00	45.00	5.70	0.97	
Apr-18	62.83	2.83	2.58	4.45	49.64	5.41	0.91	226000
May-18	62.49	3.42	2.44	3.05	49.27	5.86	0.71	193903
Jun-18	63.15	3.03	2.08	3.06	53.79	5.11	0.69	189726
Jul-18	63.27	3.59	1.99	4.21	47.87	5.58	0.55	213639
Aug-18	63.18	3.76	1.82	3.30	51.20	5.58	0.48	220940
Sep-18	63.77	2.89	1.78	2.83	51.54	4.67	0.62	198606
Oct-18	63.45	3.03	1.93	3.78	49.26	4.96	0.64	209390
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.16	3.23	2.09	3.55	50.32	5.32	0.65	1452204

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18								
APP 18-19	62.50	2.70	2.60	5.00	10.00	5.30	0.96	
Apr-18								
May-18	62.88	2.48	3.21	9.20	15.60	5.69	1.29	15027
Jun-18	63.30	2.32	2.56	12.97	18.90	4.89	1.10	52415
Jul-18	62.40	2.94	3.30	10.13	24.17	6.24	1.13	43071
Aug-18	62.09	3.85	3.01	11.90	24.30	6.86	0.78	39295
Sep-18	62.09	3.48	3.12	13.00	22.30	6.59	0.90	42544
Oct-18	62.33	2.80	3.54	15.68	21.80	6.33	1.26	63964
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.49	2.98	3.13	12.79	21.71	6.11	1.05	256316

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18								
APP 18-19	62.00	2.80	3.20	5.00	30	6.00	1.14	
Apr-18								
May-18	61.71	3.36	3.68	4.10	30.10	7.04	1.09	13129
Jun-18	62.62	2.77	2.93	3.43	31.67	5.70	1.06	69197
Jul-18	61.82	3.31	3.50	5.81	36.49	6.81	1.05	115327
Aug-18	61.65	3.37	3.37	7.29	36.96	6.73	1.00	102123
Sep-18	61.59	3.36	3.43	10.68	35.08	6.79	1.02	83851
Oct-18	61.32	3.67	3.57	12.46	34.61	7.23	0.97	92509
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	61.76	3.32	3.39	7.88	35.10	6.72	1.02	476136

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.39	2.16	2.14	9.49	15.17	4.30	0.99	
APP 18-19	63.00	2.40	2.40		10.00	4.80	1.00	
Apr-18	63.77	2.31	1.99	9.28	16.35	4.29	0.86	41090
May-18	63.36	2.55	2.32	9.20	15.60	4.87	0.91	25921
Jun-18	63.16	2.59	2.55	9.30	19.50	5.14	0.98	35878
Jul-18	63.29	2.49	2.42	10.58	18.84	4.91	0.97	37901
Aug-18	63.36	2.55	2.32	9.00	16.00	4.87	0.91	10639
Sep-18	62.51	3.59	1.98	11.50	14.40	5.57	0.55	3846
Oct-18	63.72	2.09	1.80	12.11	13.13	3.89	0.86	22143
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.43	2.45	2.24	9.94	16.95	4.69	0.91	177418

तल्डीह

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.64	2.64	3.03	4.60	29.80	5.67	1.15	
APP 18-19	62.00	3.00	3.00	10.00	40.00	6.00	1.00	
Apr-18	62.88	2.65	2.93	3.83	29.80	5.58	1.11	27800
May-18	63.01	2.65	2.69	4.63	30.61	5.34	1.02	24214
Jun-18	62.27	2.77	3.57	5.40	36.25	6.34	1.29	12938
Jul-18	62.33	2.95	3.33	4.68	30.72	6.28	1.13	14317
Aug-18								
Sep-18	61.57	3.67	3.13	5.40	30.12	6.80	0.85	18508
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.50	2.90	3.05	4.66	31.05	5.95	1.05	97777

मनोहरपुर

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.95	1.81	2.04	14.25	11.85	3.85	1.13	
APP 18-19	63.00	2.00	2.20		10.00	4.20	1.10	
Apr-18	63.85	2.37	1.91	17.35	10.12	4.27	0.80	14822
May-18	63.82	2.21	2.05	13.16	12.54	4.26	0.93	51785
Jun-18	63.70	2.20	2.21	12.40	14.14	4.41	1.01	26780
Jul-18	63.85	2.16	2.02	12.37	14.53	4.19	0.94	14930
Aug-18	63.64	2.51	2.08	12.07	14.72	4.59	0.83	26105
Sep-18	63.52	2.27	1.95	12.31	12.63	4.23	0.86	41643
Oct-18	63.61	2.23	1.94	19.75	10.64	4.17	0.87	32349
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.69	2.27	2.02	14.02	12.71	4.29	0.89	208414

काल्टा

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.59	2.02	1.98	9.38	14.97	4.00	0.98	
APP 18-19	63.00	2.10	2.30	5.00	10.00	4.40	1.10	
Apr-18	63.80	2.23	2.12	5.36	12.98	4.36	0.95	76378
May-18	63.73	2.27	2.13	6.78	13.80	4.40	0.94	75302
Jun-18	63.63	2.24	2.23	6.57	14.41	4.47	0.99	66194
Jul-18	63.36	2.46	2.32	9.01	13.89	4.77	0.94	51977
Aug-18	63.75	2.16	1.94	7.76	14.65	4.10	0.90	89996
Sep-18	63.74	2.11	2.15	11.85	16.17	4.26	1.02	57629
Oct-18	63.53	2.28	2.20	13.65	15.47	4.48	0.96	79592
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.66	2.24	2.14	8.63	14.46	4.38	0.95	497068

मनोहरपुर

फाइंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.08	2.32	2.59	4.55	31.83	4.91	1.12	
APP 18-19	63.00	2.40	2.60	5.00	40.00	5.00	1.08	
Apr-18								
May-18	63.48	2.18	2.55	4.35	29.58	4.73	1.17	18163
Jun-18	63.21	2.81	2.33	5.15	38.40	5.14	0.83	33712
Jul-18	63.20	2.42	2.39	5.31	30.66	4.81	0.99	30698
Aug-18	62.98	2.47	2.54	5.13	30.38	5.01	1.03	19028
Sep-18	62.97	2.89	2.17	5.87	32.36	5.07	0.75	26572
Oct-18	63.25	2.16	2.38	6.00	33.02	4.54	1.10	29959
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.18	2.51	2.37	5.37	32.89	4.89	0.95	158132

काल्टा

फाइंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.09	2.30	2.19	6.89	29.41	4.50	0.95	
APP 18-19	63.00	2.40	2.50	5.00	40.00	4.90	1.04	
Apr-18	63.16	2.03	1.69	5.00	33.50	3.72	0.83	93661
May-18	63.04	2.55	2.18	6.02	26.52	4.73	0.86	73217
Jun-18	63.11	2.49	2.57	4.37	30.44	5.05	1.03	60728
Jul-18	62.98	2.42	2.52	6.88	33.00	4.94	1.04	14815
Aug-18	62.73	3.00	1.90			4.90	0.63	42742
Sep-18	63.14	2.25	2.24	5.48	30.00	4.49	1.00	58302
Oct-18	63.18	2.24	2.28	4.83	30.63	4.52	1.02	73882
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.08	2.37	2.14	5.21	30.51	4.50	0.90	417347

गृणवत्ता :: बोकारो

लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.19	2.73	1.86	13.54	19.96	4.58	0.68	2226628
APP 18-19	62.67	2.71	2.44	2.78	10.00	5.15	0.90	2700000
Apr-18	63.09	2.75	2.20	11.93	16.11	4.95	0.80	178066
May-18	63.22	2.69	2.12	10.39	16.22	4.81	0.79	185906
Jun-18	63.02	2.73	2.36	12.99	18.16	5.08	0.86	183133
Jul-18	62.74	3.43	1.98	12.88	20.59	5.41	0.58	201770
Aug-18	63.21	2.84	1.73	14.73	18.05	4.57	0.61	229223
Sep-18	63.09	3.00	1.76	18.02	16.58	4.75	0.59	222396
Oct-18	63.35	2.61	1.83	15.72	14.49	4.43	0.70	177350
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.10	2.87	1.98	13.94	17.25	4.85	0.69	1377844

गृणवत्ता:: दृग्गप्त्र

लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.74	2.51	1.82	14.21	15.62	4.33	0.72	1358966
APP 18-19	62.64	2.79	2.34	5.00	10.00	5.13	0.84	1750000
Apr-18	63.14	2.10	1.85	25.66	13.33	3.95	0.88	110875
May-18	62.85	2.37	1.62	17.95	16.08	3.99	0.68	136826
Jun-18	62.56	2.37	1.97	18.69	16.94	4.34	0.83	140140
Jul-18	62.56	2.75	1.71	17.04	16.16	4.46	0.62	107770
Aug-18	61.63	4.85	1.57	20.09	16.71	6.42	0.32	90545
Sep-18	61.59	3.88	2.07	24.46	14.24	5.95	0.53	132290
Oct-18	61.43	3.74	2.24	28.47	10.55	5.99	0.60	122285
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.27	3.09	1.87	21.76	14.84	4.96	0.61	840731

गृणवत्ता :: बोकारो

फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.33	3.35	2.41	6.13	33.98	5.76	0.72	3910390
APP 18-19	62.38	3.15	2.72	5.45	31.74	5.87	0.86	4200000
Apr-18	62.10	3.38	2.79	6.73	31.85	6.17	0.82	270674
May-18	61.94	3.57	2.91	6.05	34.23	6.48	0.82	332918
Jun-18	62.21	3.51	2.70	5.70	33.43	6.21	0.77	424539
Jul-18	62.12	3.66	2.66	6.24	34.27	6.32	0.73	332728
Aug-18	61.90	3.84	2.34	6.80	33.48	6.17	0.61	340269
Sep-18	62.00	3.82	2.47	7.10	33.22	6.29	0.65	448034
Oct-18	61.98	3.65	2.71	6.43	33.50	6.36	0.74	290106
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.04	3.64	2.64	6.43	33.45	6.29	0.73	2439268

गृणवत्ता:: दृग्गप्त्र

फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.34	2.62	1.97	4.27	46.20	4.59	0.75	2405030
APP 18-19	62.50	2.90	2.80	5.00	33.65	5.70	0.97	2520000
Apr-18	62.99	2.55	2.33	4.62	44.88	4.88	0.91	247845
May-18	62.56	3.06	2.44	3.34	45.68	5.49	0.80	242803
Jun-18	62.46	2.89	2.57	3.80	45.47	5.46	0.89	203905
Jul-18	62.48	3.47	2.45	3.42	44.30	5.92	0.71	221715
Aug-18	63.11	3.53	1.86	3.16	47.97	5.39	0.53	232830
Sep-18	63.36	3.23	1.72	5.80	46.18	4.94	0.53	197990
Oct-18	62.89	2.91	2.22	5.78	41.68	5.13	0.76	249710
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.83	3.08	2.23	4.27	45.11	5.31	0.72	1596798

गुणवत्ता :: राउरकेला
लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.85	2.65	2.40	12.86	18.96	5.04	0.90	2119274
APP 18-19	62.78	2.51	2.44	1.73	10.00	4.95	0.97	2400000
Apr-18	63.13	2.76	2.42	13.59	15.87	5.18	0.88	175284
May-18	63.12	2.60	2.63	9.97	17.08	5.23	1.01	182615
Jun-18	63.09	2.67	2.56	11.44	18.20	5.22	0.96	171284
Jul-18	62.85	2.91	2.69	10.76	21.64	5.60	0.93	195513
Aug-18	62.59	3.37	2.63	10.60	21.24	6.00	0.78	201945
Sep-18	62.62	3.10	2.79	13.40	19.77	5.89	0.90	170202
Oct-18	62.63	2.67	3.25	16.12	19.87	5.92	1.22	213013
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.85	2.87	2.72	12.24	18.80	5.59	0.95	1309856

गुणवत्ता :: बर्नपूर इस्पात संयंत्र

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.64	2.79	2.97	18.42	4.74	5.76	1.07	770640
APP 18-19	62.67	2.75	2.35	3.85	10.00	5.10	0.85	1300000
Apr-18	63.43	2.14	1.87	22.60	0.98	4.01	0.88	107100
May-18	62.96	2.67	2.36	15.93	0.66	5.03	0.89	89681
Jun-18	63.42	2.49	2.14	19.02	1.14	4.62	0.86	131010
Jul-18	62.58	4.38	1.66	15.91	4.29	6.04	0.38	89222
Aug-18	62.96	3.67	1.44	20.29	1.18	5.11	0.39	95340
Sep-18	62.76	3.45	1.99	20.38	1.05	5.44	0.57	34888
Oct-18	62.25	5.14	1.56	40.77	1.53	6.71	0.30	73082
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.99	3.27	1.87	21.57	1.54	5.14	0.57	620323

गुणवत्ता :: राउरकेला
फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.30	2.95	2.47			5.42	0.84	3512612
APP 18-19	62.47	3.00	2.68	5.12	33.33	5.68	0.89	4050000
Apr-18	62.57	2.67	2.41			5.08	0.90	300665
May-18	62.42	2.81	2.72			5.53	0.97	304916
Jun-18	62.33	2.93	2.74			5.67	0.94	304241
Jul-18	62.07	3.12	2.89			6.02	0.93	279406
Aug-18	61.97	3.63	2.51			6.14	0.69	230896
Sep-18	62.10	3.29	2.68			5.97	0.82	319089
Oct-18	61.98	3.34	2.80			6.13	0.84	494909
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.20	3.10	2.69			5.79	0.87	2234122

गुणवत्ता :: बर्नपूर इस्पात संयंत्र

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.59	3.13	3.39	6.41	45.97	6.52	1.08	2530484
APP 18-19	62.42	3.06	2.77	5.00	35.71	5.83	0.91	3150000
Apr-18	62.39	3.07	3.07	6.97	47.99	6.14	1.00	254580
May-18	62.06	3.73	2.81	5.42	46.35	6.54	0.75	197300
Jun-18	62.33	3.35	2.94	5.92	49.14	6.29	0.88	246940
Jul-18	62.52	3.84	2.54	7.01	41.65	6.38	0.66	218928
Aug-18	62.58	4.21	2.03	7.49	42.02	6.24	0.48	208980
Sep-18	63.37	3.34	2.02	5.27	47.26	5.36	0.60	112640
Oct-18	63.30	3.40	2.05	5.66	45.93	5.45	0.60	155026
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.56	3.56	2.57	6.36	45.61	6.13	0.72	1394394

तुलसीदामर

BF DOLOMITE

	CaO	MgO	SiO ₂	OS	US
Act 17-18	29.75	18.89	5.47	5.92	9.88
APP 18-19	30.00	18.00	5.00	5.00	10.00
Apr-18	30.21	19.92	4.98	3.75	9.00
May-18	30.72	21.94	4.91	4.10	8.80
Jun-18	29.98	20.21	5.00	4.18	8.72
Jul-18	31.13	20.53	4.95	4.60	8.58
Aug-18	27.42	18.74	5.16	4.55	9.33
Sep-18	28.35	19.25	4.15	6.43	10.15
Oct-18	28.08	17.67	5.30	9.50	9.10
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	29.27	19.55	4.94	5.38	9.04

गृणवत्ता :: बोकारो इस्पात संयंत्र

कुटेश्वर

	CaO	MgO	SiO ₂	OS	US
Act 17-18	45.56	2.57	3.33	4	26.14
APP 18-19	50.00	2.25	3.50	5.00	5.00
Apr-18	42.91	2.30	3.68	2.76	22.73
May-18	44.76	1.87	3.58	6.33	25.83
Jun-18	44.49	2.25	3.66	4.48	25.17
Jul-18	45.60	2.29	3.74	4.66	25.57
Aug-18	45.57	2.23	3.38	4.49	24.05
Sep-18	42.78	2.58	3.54	9.06	24.11
Oct-18	43.51	2.76	3.91	6.99	27.05
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	44.42	2.37	3.65	5.52	25.18

तुलसीदामर

BF DOLOMITE

	CaO	MgO	SiO ₂	OS	US
Act 17-18					
APP 18-19	30.00	18.00	5.00	5.00	10.00
Apr-18	28.09	17.42	9.29	34.78	11.20
May-18	28.90	17.95	7.33	34.68	10.43
Jun-18	28.61	17.77	7.86	34.05	7.85
Jul-18	29.12	17.13	8.52	34.70	9.55
Aug-18	28.20	17.66	8.66	35.16	9.58
Sep-18	27.14	17.80	9.67	31.00	7.80
Oct-18	28.61	18.33	7.22	38.60	9.75
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	28.43	17.66	8.41	34.88	9.60

गृणवत्ता :: भिलाई इस्पात संयंत्र

कुटेश्वर

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 17-18	50.40	1.89	3.64	7.16	18.33
APP 18-19	50.00	2.25	3.50	5.00	5.00
Apr-18	50.02	2.09	3.95	6.95	19.72
May-18	49.99	2.26	3.92	8.40	16.81
Jun-18	49.79	2.30	4.02	8.05	21.79
Jul-18	49.35	2.65	3.87	9.43	18.85
Aug-18	50.08	2.20	3.80	8.70	18.40
Sep-18	50.40	1.80	3.80	11.00	16.67
Oct-18	49.51	2.40	4.12	8.98	20.18
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	49.99	2.19	3.92	7.89	8.84

PROJ. NO.	UTILIS UPTO OCT'18	MAKE / TYPE	CAP	DATE OF COMMISSION	OCTOBER 2017										2018-19										
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	
EXCAVATORS																									
EX-20	23993	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	34	361	586	225	94.52	38.40	36.29	5.34	57.33	4280	135	2390	4145	1755	96.8	42.3	41.0	5.07	57.03	
EX-22	12633	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620	103	235	517	282	83.39	54.55	45.48	5.40	61.70	4280	558	1827	3722	1895	87.0	50.9	44.3	5.05	66.05	
EX-23	13409	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620	8	211	613	402	98.79	65.63	64.84	4.79	52.49	4280	89	1721	4192	2471	97.9	59.0	57.7	4.94	56.78	
*EX-19 shifted to MIOM during July 16					TOTAL	1860	145	807	1716	909	92.23	52.99	48.87	5.12	56.55	12840	782	5938	12059	6121	93.9	50.8	47.7	5.01	59.72
DUMPERS																									
DUM 88	28137	KOMATSU HD785-7	100 Te	23-Jul-10	620	402	88	218	130	35.16	59.63	20.97	3.98	51.15	4280	2983	457	1297	840	30.3	64.8	19.6	3.14	57.20	
DUM 89	32537	KOMATSU HD785-7	100Te	23-Jul-10	620	78	210	542	332	87.42	61.25	53.55	3.69	49.55	4280	772	1313	3508	2195	82.0	62.6	51.3	3.51	46.83	
DUM-91	18341	CAT 777D	100T	2-Feb-12	620	620		0	0	0.00	0.00	0.00	0.00	0.00	4280	1120	1957	3160	1203	73.8	38.1	28.1	3.43	49.37	
DUM-92	20457	CAT 777D	100T	2-Feb-12	620	219	191	401	210	64.68	52.37	33.87	3.84	44.29	4280	1147	1872	3133	1261	73.2	40.2	29.5	3.48	41.08	
DUM-93	6719	BEML BH-100	100T	2-May-15	620	120	215	500	285	80.65	57.00	45.97	3.45	53.68	4280	1796	1585	2484	899	58.0	36.2	21.0	3.53	50.00	
DUM-94	5736	BEML BH-100	100T	2-May-15	620	74	413	546	133	88.06	24.36	21.45	4.00	60.15	4280	571	2334	3709	1375	86.7	37.1	32.1	3.24	50.97	
DUM-95	4468	BEML BH-100S	100T	May 2016	620	40	413	580	167	93.55	28.79	26.94	3.51	55.09	4280	365	2965	3915	950	91.5	24.3	22.2	4.24	52.33	
					TOTAL	4340	1553	1530	2787	1257	64.22	45.10	28.96	3.70	52.19	29960	8754	12483	21206	8723	70.8	41.1	29.1	3.50	48.93
DRILL																									
DM-17	22401	IR-ROTACOL-IDM-30	160mm	24-Mar-05	496	254	173	242	69	48.79	28.51	13.91	9.28	34.78	3424	1861	1096	1563	467	45.6	29.9	13.6	3.79	40.26	
DM-18	25380	AC-ROTACOL-IDM-30	160mm	19-May-08	496	458	20	38	18	7.66	47.37	3.63	8.89	38.89	3424	1580	1011	1844	833	53.9	45.2	24.3	5.89	24.85	
DM-19	18828	AC-ROTACOL-IDM-30	160mm	14-Oct-09	496	496		0	0	0.00	0.00	0.00	0.00	0.00	3424	3424	0	0	0	0.0	0.0	0.0	0.00	0.00	
DM-20	9418	AC-ROTACOL-IDM-30	160mm	Oct '14	496	119	148	377	230	76.01	60.88	46.27	10.05	25.49	3424	562	1182	2862	1680	83.6	58.7	49.1	3.54	22.59	
					TOTAL	1984	1327	341	657	317	33.11	48.17	15.95	9.82	28.28	13696	7427	3289	6269	2980	45.8	47.5	21.8	4.23	25.99
DOZER																									
DOZ-27	33570	BEML, D-355	410HP	15-May-01	496	496		0	0	0.00	0.00	0.00	0.00	0.00	3424	3424	0	0	0	0.0	0.0	0.0	0.0	0.00	
DOZ-28	26447	BEML, D-355	410HP	14-May-04	496	163	241	333	93	67.14	27.78	18.65		28.11	3424	1842	1200	1582	382	46.2	24.1	11.2		31.78	
DOZ-29	18180	BEML, D-355	410HP	11-Jun-04	496	496		0	0	0.00	0.00	0.00	0.00	0.00	3424	3424	0	0	0	0.0	0.0	0.0	0.0	0.00	
DOZ-30	21498	BEML, D-355	410HP	8-Jul-07	496	50	325	446	121	89.92	27.13	24.40		28.93	3424	297	2631	3127	496	91.3	15.9	14.5		39.80	
DOZ-31	19460	BEML, D-355	410 HP	19-Feb-09	496	114	254	382	128	77.02	33.51	25.81		0.00	3424	1212	1549	2212	664	64.6	30.0	19.4		25.64	
DOZ-32	6087	BEML, D-355	410 HP	17-Apr-15	496	496		0	0	0.00	0.00	0.00	0.00	0.00	3424	2313	690	1111	421	32.4	37.9	12.3		50.67	
DOZ-33	3188	BEML, D-356	410HP	22-Sep-17	496	60	212	436	224	87.90	51.38	45.16		39.96	3424	89	1392	3335	1943	97.4	58.3	56.7		34.07	
					TOTAL	2976	1815	820	1161	342	39.01	29.41	11.48		29.72	20544	12601	6070	7943	1874	38.7	23.6	9.1		37.48
PAY LOADER																									
FEL-4	11278	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248	10	147	238	92	95.97	38.45	36.90		21.31	1712	101	852	1611	759	94.1	47.1	44.3		16.67	
										0	0	0.00	0.00	0.00		0.00	600	600	0	0	0	0.0	0.0	0.0	0.00
MG-6	68	BEML, GD-605R2	145 HP	9-Oct-87	248	90	130	158	28	63.71	17.72	11.29		28.57	488	170	250	318	68	65.2	21.4	13.9		35.29	
MG-7	6322	BEML, BG 825	280HP	10-Jul-91	248	248		0	0	0.00	0.00	0.00	0.00	0.00	1712	1712	0	0	0	0.0	0.0	0.0	0.0		
MG-8	2986	BEML, BG825	280HP	19-May-12	248	248		0	0	0.00	0.00	0.00	0.00	0.00	1712	1497	119	215	96	12.6	44.7	5.6		38.02	
					TOTAL	744	586	130	158	28	21.24	17.72	3.76		28.57	3912	3379	369	533	164	13.6	30.8	4.2		36.89
DUM-79(WT/79)	30179	BEML,210M	50Te	25-Aug-03						0	0	0.00	0.00	0.00		0.00	600	600	0	0	0	0.0	0.0	0.0	0.00
WT-83	20446	BEML, WS-28-2	28KL	21-Mar-05	620	27	423	594	171	95.73	28.81	27.58		25.44	4280	816	2859	3465	606	80.9	17.5	14.2		32.38	
WT-90	12675	BEML, WS-28-2	28KL	Mar '11	620	620		0	0	0.00	0.00	0.00	0.00	0.00	4280	3345	633	935	302	21.8	32.3	7.1		14.50	
					TOTAL	1240	647	423	594	171	47.86	28.81	13.79		25.44	9160	4761	3492	4400	908	48.0	20.6	9.9		26.43

MEGHAHATUBURU IRON ORE MINES

PROJ. NO.	CUMM. UTILIS. UPTO OCT18	MAKE / TYPE	CAPACITY	DATE OF COMM	OCTOBER 2018										2018-2019										
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV %	Net UT%	oprn UT %	FEED RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT% net	Oprn UT %	F/RATE	HSD/H R	
EXCAVATORS 4.5 CUM.																									
BE-11	36463	BEML	4.5 CUM	30-09-2005	744	180	495	564	69	76	9	12	1.39	24.6	5136	3537	1227	1600	373	31.14	7.26	23.32	2.7	23	
EXCAVATORS 9.5 CUM.																									
PC-14	29931	KOMATSU	9.5 CUM	20-01-2012	744	173	259	571	312	77	42	55	12.24	87.2	5136	2058	1260	3078	1818	59.93	35.40	59.06	11.4	79	
PC-17	14485	KOMATSU	9.5 CUM	24-07-2015	744	115	205	630	425	85	57	68	11.40	88.9	5136	1290	1427	3846	2419	74.88	47.10	62.90	12.1	79	
PC-18	27931	KOMATSU	9.5 CUM	11-07-2016	744	289	191	455	264	61	35	58	9.64	83.0	5136	1424	1401	3712	2311	72.27	45.00	62.26	11.3	80	
			9.5 CUM	TOTAL	2232	577	655	1656	1001	74	45	60	11.20	86.8	15408	4772	4088	10636	6548	69.03	42.50	61.56	11.6	79	
DUMPER,50 TE																									
D - 49	27992	BEML	50 TON	05-03-2007	744	744									5136	2591	2156	2545	389	49.55	7.57	15.28	2.2	24	
D - 50	23971	BEML	50 TON	15-04-2007	744	744									5136	5106	14	30	16	0.58	0.31	53.33	1.0	19	
			50 TON	TOTAL	1488	1488									10272	7697	2170	2575	405	25.07	3.94	15.73	2.1	24	
DUMPER,100 TE																									
D - 51	27531	KOMATSU	100 TON	01-09-2010	744	730	9	14	5	2	1	36			5136	2271	955	2865	1910	55.78	37.19	66.67	3.6	34	
D - 52	29320	KOMATSU	100 TON	01-09-2010	744	320	118	424	306	57	41	72	3.31	32.2	5136	1962	959	3174	2215	61.80	43.13	69.79	3.5	34	
D - 53	27813	KOMATSU	100 TON	01-09-2010	744	94	220	650	430	87	58	66	3.44	36.0	5136	3608	520	1528	1008	29.75	19.63	65.97	3.4	37	
D - 54	15071	CATER	100 TON	06-02-2012	744	93	467	651	184	88	25	28	3.48	38.3	5136	2497	1822	2640	818	51.39	15.93	30.99	3.4	36	
D - 55	17387	CATER	100 TON	06-02-2012	744	148	343	596	253	80	34	42	3.48	36.2	5136	1552	2419	3585	1166	69.79	22.70	32.53	3.5	37	
D - 56	6535	BEML	100 TON	09-05-2016	744	171	351	574	223	77	30	39	2.90	46.9	5136	1447	1716	3690	1974	71.84	38.43	53.50		38	
D - 57	6686	BEML	100 TON	09-05-2016	744	179	299	565	266	76	36	47	3.73	44.4	5136	1547	1748	3589	1841	69.88	35.85	51.30		39	
			100 TON	TOTAL	5208	1735	1807	3474	1667	67	32	48	3.39	38.3	35952	14883	10138	21070	10932	58.60	30.41	51.89	3.5	36	
DRILL																									
DM - 7	23477	IR	6 " DIA	01-04-2005	372	372									2568	1993	344	575	232	22.39	9.01	40.26	6.4	35	
DM - 8	20559	IR	6 " DIA	05-05-2008	372	149	74	224	150	60	40	67	3.10	32.3	2568	1336	275	1233	958	47.99	37.31	77.73	11.4	34	
DM - 9	19204	IR	6 " DIA	16-09-2009	372	119	47	253	207	68	56	82	14.33	32.0	2568	1363	315	1206	891	46.94	34.68	73.87	14.0	34	
DM - 10	11275	IR	6 " DIA	06-11-2014	372	75	47	297	250	80	67	84	20.12	31.2	2568	397	368	2172	1804	84.56	70.25	83.08	17.2	31	
				TOTAL	1488	715	167	774	607	52	41	78	13.94	32.2	10272	5088	1301	5185	3884	50	38	75	14.4	33	
DOZER																									
DOZ-23	21329	BEML	410 HP	02-10-2008	744	300	356	444	89	60	12	20		30.5	5136	1908	1917	3228	1311	62.85	25.53	40.61		25	
DOZ-24	17646	BEML	410 HP	06-04-2010	744	126	284	619	335	83	45	54			32.2	5136	1644	2002	3493	1491	68.00	29.02	42.68		26
DOZ-25	7939	BEML	410 HP	28-12-2010	744	186	422	558	136	75	18	24			32.7	5136	4038	703	1098	396	21.38	7.70	36.02		28
DOZ-26	16296	BEML	410 HP	16-05-2011	744	168	436	577	141	77	19	24			35.1	5136	2256	1850	2881	1031	56.08	20.06	35.78		27
DOZ-27	9378	BEML	410 HP	28-04-2015	744	298	287	447	160	60	22	36			33.1	5136	3244	994	1892	898	36.84	17.48	47.46		26
DOZ-28	1727	BEML	410HP	31-03-2018	744	744										5136	1679	1731	3458	1727	67.32	33.63	49.95		26
				TOTAL	4464	1821	1784	2644	860	59	19	33			32.8	30816	14768	9196	16049	6853	52.08	22.24	42.70		26
BACK HOE																									
BE-12A	21299	BEML	1.2 CUM	Nov'08	744	399	302	345	44	46	6	13		24.1	5136	2858	1456	2279	823	44.36	16.01	36.10		22	
HT-15	17594	TCECL	1.5 CUM	03-10-2012	744	375	200	369	169	50	23	46			25.3	5136	2076	1526	3061	1535	59.59	29.88	50.14	0.2	23
HT-16	11180	TCECL	1.5 CUM	01-12-2014	744	233	201	511	310	69	42	61			25.0	5136	2010	1585	3126	1542	60.86	30.01	49.31	0.2	23
				TOTAL	2232	1007	703	1225	523	55	23	43			25.0	15408	6943	4567	8465	3899	54.94	25.30	46.05	0.2	23
WATER TANKER																									
WT - 05	18542	BEML	28 KL	15.02.07	744	744										5136	5066	39	70	31	1.36	0.60	44.29		24
WT - 06	10748	BEML	28 KL	17-08-2012	744	141	433	603	171	81	23	28			21.1	5136	2098	2392	3038	646	59.15	12.58	21.26	0.5	23
WT - 45	31081	BEML	MODIFIED	29-09-2004	744	257	444	487	44	65	6	9			20.0	5136	1691	2780	3445	666	67.08	12.96	19.32	0.6	24
				TOTAL	2232	1142	876	1090	214	49	10	20			20.9	15408	8855	5211	6553	1343	42.53	8.71	20.49	0.5	23
MOTOR GRADER																									
MG-5	3832	BEML		01-03-2011	248	248										1712	1502	189	210	21	12.27	1.23	10.00		21
MG-6	2085	BEML		09-05-2016	248	88	92	161	69	65	28	43			21.9	1712	427	840	1285	445	75.06	25.99	34.63		23
				TOTAL	496	336	92	161	69	32	14	43													

PERFORMANCE REPORT OF HEMM

BOLANI MINES

SAIL-RMD

PROJ. NO.	CUMM. UTILIS. UPTO OCT '18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	OCTOBER 2018										2018-19													
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/H R	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR			
EXCAVATORS																												
EX-25	33594	BEML PC-1000(D)	4.5 CuM	21-Jun-04	744	736	8	8		1.08						5136	2961	1928	2175	248	42.35	11.38	4.82		51.74			
EX-26	30692	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744		721	744	23	100	3.09	3.09		32	1.39	30.43	5136	422	4331	4714	383	91.78	8.13	7.46	0.08	50.98		
				SUB TOTAL	1488	736	729	752	23	50.54	3.06	1.55		32	1.39	30.43	10272	3383	6259	6889	631	67.07	9.15	6.14	0.05	51.28		
EX-28	15277	BE-1600	7.5 Cu.m	22-Jun-10	744	482	219	262	43	35.22	16.41	5.78				91.86	5136	3497	1447	1640	193	31.92	11.74	3.75	0.12	78.29		
EX-29	24689	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	75	493	669	176	89.92	26.31	23.66		648	3.68	87.05	5136	1207	2844	3929	1085	76.50	27.61	21.12	4.21	77.32		
EX-30	13082	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	46	346	698	352	93.82	50.43	47.31		1699	4.83	78.01	5136	236	2654	4900	2247	95.41	45.85	43.74	6.52	74.40		
EX-31	11821	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	21	356	723	367	97.18	50.76	49.33		1863	5.08	75.23	5136	419	2525	4717	2192	91.85	46.47	42.68	5.60	76.20		
				SUB TOTAL	2976	624	1414	2352	938	79.03	39.88	31.52		4210	4.49	79.25	20544	5358	9470	15186	5716	73.92	37.64	27.82	5.51	75.78		
				TOTAL	4464	1360	2143	3104	961	69.53	30.96	21.53		4242	4.41	78.09	30816	8741	15729	22075	6347	71.64	28.75	20.60	4.97	73.34		
DUMPER,50 TE																												
HP-27	19667	BEML HP-210M	50 T	09-Sep-03													4272	3763	406	510	104	11.93	20.31	2.42		21.50		
HP-30	17498	C.I.773D(I)	50 T	01-Mar-06	744		727	744	17.00	100	2.28	2.28		16	0.94	20.59	5136	1614	3339	3522	183	68.57	5.20	3.56	0.09	23.34		
HP-32	23254	BEML BH-50M	50 T	06-Mar-08	744		721	744	23.00	100	3.09	3.09		16	0.70	7.39	5040	2381	2500	2659	160	52.76	6.00	3.16	0.10	38.95		
				TOTAL	1488		1448	1488	40	100	5.38	5.38		32	1.64	27.98	14448	7758	6245	6691	446	133.26	31.51	9.15	0.19	28.50		
DUMPER,100 TE																												
HP-32A	28289	KOMATSU HD785-7	100 T	22-Jun-10	744	191	255	553	298	74.33	53.89	40.05		937	3.14	38.71	5136	1541	1780	3595	1814	69.99	50.47	35.33	3.09	37.60		
HP-34	26579	KOMATSU HD785-7	100 T	22-Jun-10	744	728	16	16		2.15							5136	3773	788	1363	575	26.53	42.21	11.20	3.00	37.73		
HP-35	15457	BEML BH-100	100 T	22-Jun-10	744	530	200	214	14	28.76	6.54	1.88		50	3.57	40.00	5136	3205	1832	1931	100	37.60	5.15	1.94	2.58	45.37		
HP-36	11673	BEML BH-100	100 T	22-Jun-10	744	173	541	571	30	76.75	5.25	4.03		82	2.73	48.33	5136	1877	3038	3259	221	63.45	6.78	4.30	2.75	43.73		
HP-37	18405	CAT 777D	100 T	25-Jan-12	744	513	147	231	84	31.05	36.36	11.29		277	3.30	44.29	5136	2589	1492	2547	1055	49.59	41.42	20.54	3.15	37.58		
HP-38	7893	BEML BH-100S	100 T	03-May-16	744	36	480	708	228	95.16	32.20	30.65		674	2.96	36.99	5136	552	3102	4584	1483	89.26	32.34	28.87	2.99	36.60		
HP-39	7814	BEML BH-100S	100 T	03-May-16	744	73	312	671	359	90.19	53.50	48.25		1222	3.40	39.06	5136	532	2689	4604	1915	89.64	41.59	37.28	3.33	37.51		
HP-40	7576	BEML BH-100S	100 T	03-May-16	744	153	277	591	314	79.44	53.13	42.20		968	3.08	34.98	5136	587	2785	4550	1764	88.58	38.78	34.35	3.06	37.84		
				TOTAL	5952	2397	2228	3555	1327	59.73	37.33	22.30		4210	3.17	38.21	41088	14656	17506	26432	8926	64.33	33.77	21.72	3.10	37.71		
DRILL																												
DM-11	16495	AC-ROTACOL-IDM-30	160mm	14-Feb-08	496	129	253	367	114	73.99	31.06	22.98		1173	10.29	44.22	3424	528	1922	2896	974	84.57	33.62	28.44	10.81	32.77		
DM-12	17312	AC-ROTACOL-IDM-30	160mm	12-Aug-09	496	265	115	231	116	46.57	50.22	23.39		1527	13.16	41.18	3424	2261	503	1163	660	33.96	56.79	19.29	2.31	7.92		
DM-12A	15746	AC-ROTACOL-IDM-30	160mm	22-Mar-11	496	246	184	250	66	50.40	26.40	13.31		691	10.47	38.71	3424	658	1804	2766	962	80.78	34.79	28.10	10.58	40.02		
DM-14	8669	AC-ROTACOL-IDM-30	160mm	19-Nov-14	496	114	245	382	137	77.02	35.86	27.62		1288	9.40	45.13	3440	668	1488	2773	1284	80.60	46.32	37.33	9.77	35.63		
				TOTAL	1984	754	797	1230	433	62.00	35.20	21.82		4679	10.81	42.85	13712	4115	5717	9597	3880	69.99	40.43	28.30	8.96	31.28		
DOZER																												
DOZ-22	15453	BEML BD355	410 HP	06-Jul-07	496	58	208	438	230	88.31	52.51	46.37				33.41	3464	535	1675	2930	1255	84.57	42.83	36.22		32.64		
DOZ-23	11404	BEML BD355	410 HP	27-Aug-08	496	11	357	485	128	97.78	26.39	25.81				27.73	3440	448	2175	2992	817	86.98	27.31	23.75		39.51		
DOZ-24	12930	BEML BD355	410 HP	09-Mar-10	664	48	413	616	203	92.77	32.95	30.57				19.00	5032	683	3178	4349	1171	86.43	26.93	23.27		19.66		
DOZ-25	10862	BEML BD355	410 HP	09-Mar-10	544	328	207	216	9	39.71	4.17	1.65				226.6	3512	1808	1193	1704	511	48.51	29.99	14.55		42.17		
DOZ-26	7761	BEML BD355	410 HP	03-May-14	584	147	374	437	63	74.83	14.42	10.79				53.02	3584	765	2236	2819	583	78.66	20.67	16.26		55.70		
DOZ-27	6073	BEML BD355	410 HP	03-May-14	496	87	290	409	119	82.46	29.10	23.99				40.95	3464	2083	1086	1382	296	39.88	21.41	8.54		36.96		
DOZ-28	5512	BEML BD356	410 HP	26-Apr-16	744	49	497	695	198	93.41	28.49	26.61				19.01	5136	518	3304	4618	1314	89.91	28.45	25.58		22.92		
				TOTAL	4024	728	2346	3296	950	81.91	28.82	23.61				30.64	30528	9736	14846	20792	5946	68.11	28.60	19.48		32.17		
PAY LOADER																												
PL-20	13926	Kawasaki, 90Ziv-2	256 HP	26-Aug-09	744	520	64	224	160	30.11	71.43	21.51				4.23	5136	3903	700	1233	533	24.01	43.23	10.38		16.21		
PL-22	10579	Hyundai-hl770-7A	280 HP	26-May-10	744	744													5136	5032	98	104	6	2.02	5.77	0.12		65.50
PL-23	8667	Kawasaki, 90ZV	257 HP	07-Oct-15	744	86	445	658	213	88.44	32.37	28.63				26.38	5136	865	2812	4272	1460</							

BARSUA MINES
 SAIL-RMD

PROJ. NO.	CUMM. UTILS. UPTO OCT '18	MAKE / TYPE	CAP	DATE OF COMMISSION	OCTOBER 2018										2018-19										
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	HSD/ HR		
EXCAVATORS																									
EX-20	25531	BEML,BE-1000	4.5 CuM	Mar-04	624	82	395	542	147	86.86	27.12	23.56	6.14	38.74	3704	428	2760	3276	516	88.44	15.75	13.93	45.79		
EX-21	17844	TELCON,1200V-1018	5.9 CuM	28-May-07	624	399	201	225	24	36.06	10.67	3.85	5.58	66.67	3712	755	2578	2957	379	79.66	12.82	10.21	62.41		
EX-22	18817	BEML,BE-1000	4.5 CuM	22-Dec-08	624	21	518	603	85	96.63	14.10	13.62	4.60	43.54	2664	697	1547	1967	420	73.84	21.35	15.77	42.82		
EX-24	11927	BEML, BE-1600	7.5CuM	04-Aug-11	624	459	90	165	75	26.44	45.45	12.02	5.61	80.23	3704	928	1833	2777	944	74.96	33.98	25.47	64.94		
EX-27	1228	BEML, BE-1000-1	4.5 CuM	19-Dec-17	624	59	220	565	345	90.54	61.06	55.29	7.44	71.46	3696	498	2063	3198	1135	86.53	35.49	30.71	58.69		
* EX 22 & 23 are being utilised at Taldih, EX-24 Engine sent to GOM					TOTAL	3120	1020	1424	2100	676	67.31	32.19	21.67	6.53	61.63	19024	4850	10781	14175	3394	74.51	23.94	17.84	37.29	
DUMPER,50 TE																									
HPD-87	26813	BEML,210M	50T	Apr-2000	624	157	377	467	91	74.84	19.38	14.50	3.51	37.07	3704	724	2470	2980	511	80.45	17.13	13.78	38.51		
HPD-90	16438	BEML,210M	50T	APR'05	624	21	575	603	28	96.63	4.64	4.49	0.00	13.39	3888	589	3264	3299	35	84.85	1.06	0.90	23.29		
BH-95	30360	BH-50 M	50T	6-Feb-09	624	212	285	412	127	66.03	30.83	20.35	3.11	36.06	3872	977	1671	2895	1224	74.77	42.28	31.61	30.97		
BH-96	25583	BH-50 M	50T	20-Aug-09	624	133	307	491	184	78.69	37.47	29.49	2.91	32.92	3704	1799	1218	1905	687	51.43	36.06	18.55	32.12		
BH-99 (@ MICM-13609)	8998	BH-50 M	50T	20-Feb-14	624	404	173	220	47	35.26	21.36	7.53	2.49	29.19	3928	1827	1467	2101	634	53.49	30.18	16.14	29.94		
* BH-95, 96 & 99 are being utilised at Taldih					TOTAL	3120	927	1717	2193	477	70.29	21.73	15.27	2.86	33.03	20760	6788	10716	13972	3257	67.30	23.31	15.69	32.35	
DUMPER,60 TE																									
HPD-101	2059	BEML,BH-60	60 T	16-Nov-17	624	58	342	566	224	90.71	39.58	35.90	2.31	49.63	3704	475	1269	3229	1960	87.18	60.70	52.92	35.66		
HPD-102	1854	BEML,BH-60	60 T	23-Nov-17	624	514	74	110	36	17.63	32.73	5.77	2.31	49.11	3704	866	1058	2838	1780	76.62	62.72	48.06	37.64		
					TOTAL	1248	572	416	676	260	54.17	38.46	20.83	2.31	49.55	7408	1341	2327	6067	3740	81.90	61.64	50.49	36.60	
DUMPER,100 TE																									
BH-97	9328	BEML,BH-100	100 T	4-Aug-11	624	52	100	572	472	91.67	82.52	75.64	2.76	32.44	2792	375	1682	2417	735	86.57	30.41	26.33	40.75		
BH-98	8484	BEML,BH-100	100 T	04-Aug-11	624	97	103	527	424	84.46	80.46	67.95	2.71	36.07	2792	314	1913	2478	565	88.75	22.80	20.24	42.36		
					TOTAL	1248	149	203	1099	896	88.06	81.53	71.79	2.73	34.15	5584	689	3595	4895	1300	87.66	26.56	23.28	41.45	
DRILL																									
DM-7	23603	AC - IDM-30	160mm	29-Jan-98	416	182	215	234	19	56.25	8.12	4.57	12.32	45.53	2584	644	1762	1940	178	75.08	9.18	6.89	40.27		
DM-9	9605	AC - IDM-30	160mm	30-Sep-09	416	72	286	344	58	82.69	16.86	13.94	14.40	42.26	2584	453	1907	2131	224	82.47	10.51	8.67	48.67		
DM-10	4764	AC - IDM-30	160mm	15-Jan-15	416	12	376	404	28	97.12	6.93	6.73	17.25	51.79	2304	91	2013	2213	200	96.05	9.04	8.68	44.25		
* DM-10 is being utilised at Taldih					TOTAL	1248	266	877	982	105	78.69	10.69	8.41	14.78	45.39	7472	1188	5682	6284	602	84.10	9.58	8.06	44.72	
DOZER																									
TR-36 (B/V)	13925	BEML,D-155A	320 HP	23-Apr-05	624	624		0	0	0.00	0.00	0.00		0.00	4608	2384	2220	2224	4	48.26	0.18	0.09	0.00		
TR-37	14332	BEML,D-155A	320 HP	22-Jun-07	624	33	370	591	221	94.71	37.39	35.42		30.23	4632	962	3072	3670	598	79.23	16.29	12.91	36.97		
TR-38	15521	BEML, D-355	410 HP	16-Feb-10	624	155	416	469	53	75.16	11.30	8.49		39.96	2640	476	1732	2164	432	81.97	19.96	16.36	36.22		
TR-39	10049	BEML, D-355	410 HP	10-Apr-12	624	399	197	225	28	36.06	12.44	4.49		31.21	4016	691	2889	3325	436	82.79	13.11	10.86	33.71		
TR-40	7079	BEML, D-355	410 HP	6-May-14	624	97	405	527	122	84.46	23.15	19.55		49.88	3704	350	2972	3354	382	90.55	11.39	10.31	55.80		
* TR-38 is being utilised at Taldih					TOTAL	3120	1308	1388	1812	424	58.08	23.40	13.59		37.16	19600	4863	12885	14737	1852	75.19	12.57	9.45	39.83	
PAY LOADER																									
FEL-6	9266	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	416	20	372	396	24	95.19	6.06	5.77		23.33	3128	83	2880	3045	165	97.35	5.42	5.27	27.88		
FEL-7	6492	HYUNDAI	280 HP	27-Aug-11	416	416		0	0	0.00	0.00	0.00		0.00	3864	1186	2593	2678	85	69.31	3.17	2.20	24.45		
					TOTAL	832	436	372	396	24	47.60	6.06	2.88		23.33	6992	1269	5473	5723	250	81.85	4.37	3.58	26.71	
MOTOR GRADER																									
MG-6	7030	BEML BG 825	280HP	14-Sep-02	416	277	120	139	19	33.41	13.67	4.57		50.53	2280	763	1272	1517	245	66.54	16.15	10.75	14.45		
WATER SPRINKLER																									
WS-91	14355	HM / WS-28	28KL	Nov-06	624	624		0	0	0.00	0.00	0.00		0.00	3048	673	2359	2375	16	77.92	0.67	0.52	48.75		
WS-100	3268	BEML / WS-28-2	28KL	29-Apr-15	624	41	466	583	117	93.43	20.07	18.75		19.02	3032	176	2595	2856	261	94.20	9.14	8.61	25.92		
					TOTAL	1248	665	466	0	0	0.00	0.00	0.00		0.00	6080	849	4954	5231	277	86.04	5.30	4.56	27.24	

GUA ORE MINES

EQUIPMENTS	UTILS. UPTO OCT'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	OCTOBER 2018										2018-2019														
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD/ HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD/ HR					
EXCAVATORS[4]																													
> 4.5 CuM					D-12	10179	BE 1600	7.5 CuM	16-Feb-11	744	125	403	619	216	83.20	34.89	29.03	4.46	50.12	5136	1446	2473	3690	1217	71.85	32.98	23.70	4.38	52.56
					D-12A	18064	BE 1000(D)	4.5 CuM	27-Apr-08	744	744									5136	5105	21	31	10	0.60	32.26	0.19	6.40	60.00
					D-14	23361	KOMATSU	9.5 CuM	06-Apr-12	744	744									5136	1352	1981	3784	1803	73.68	47.65	35.11	5.31	78.72
					D-15	17778	KOMATSU	9.5 CuM	31-Aug-15	744	74	100	670	570	90.05	85.07	76.61	6.36	80.88	5136	959	1177	4177	3000	81.33	71.82	58.41	5.93	80.67
									TOTAL	2976	1687	503	1289	786	43.31	60.98	26.41	5.84	72.42	20544	8862	5652	11682	6030	56.86	51.62	29.35	5.43	74.38
DUMPER,50 TE[3]																													
> 4.5 CuM					R/D-85	18557	BEML-BH-50M	50 Te	Mar- 08	744	48	692	696	4	93.55	0.57	0.54		25.00	5136	4440	692	696	4	13.55	0.57	0.08		25.00
					R/D-86	19909	BEML-BH-50M	50Te	Sep-08	744	440	260	304	44	40.86	14.47	5.91		14.77	5136	3099	1965	2037	72	39.66	3.53	1.40		17.36
					R/D-87	17443	BEML-BH-50M	50Te	Dec-08	744	744									5136	3722	1403	1414	11	27.53	0.78	0.21		68.18
									TOTAL	2232	1232	952	1000	48	44.80	4.80	2.15		15.63	15408	11261	4060	4147	87	26.91	2.10	0.56		24.14
DUMPER,100 TE[6]																													
> 4.5 CuM					R/D-88	23684	KOMAT.HD785-7	100 T	10-Sep-10	744	744									5136	4331	157	805	648	15.67	80.50	12.62	2.81	57.58
					R/D-89	25887	KOMAT.HD785-7	100 T	10-Sep-10	744	86	169	658	489	88.44	74.32	65.73	2.76	53.10	5136	846	843	4290	3447	83.53	80.35	67.11	2.58	49.18
					R/D-90	17409	CAT 777D	100 T	25-Jan-12	744	163	270	581	311	78.09	53.53	41.80	3.54	43.92	5136	2853	1251	2283	1032	44.45	45.20	20.09	3.35	47.47
					R/D-91	14226	CAT 777D	100 T	25-Jan-12	744	240	290	504	214	67.74	42.46	28.76	4.81	45.84	5136	915	1973	4221	2248	82.18	53.26	43.77	3.84	50.76
					R/D-92	9427	BEML- BH 100	100 T	27-May-15	744	696	11	48	37	6.45	77.08	4.97	0.57	53.97	5136	2722	1089	2414	1325	47.00	54.89	25.80	2.25	54.78
					R/D-93	8210	BEML - BH 100	100 T	10-Jun-15	744	97	188	647	459	86.96	70.94	61.69	2.37	54.81	5136	1560	1130	3576	2446	69.63	68.40	47.62	2.80	52.72
									TOTAL	4464	2026	928	2438	1510	54.61	61.94	33.83	3.04	50.72	30816	13227	6443	17589	11146	57.08	63.37	36.17	2.92	51.27
DRILL[4]																													
> 4.5 CuM					DM-10	15786	IR-ROTACOL-IDM-30	160mm	Feb- 04	496	166	250	330	80	66.53	24.24	16.13	9.73	53.75	3424	1323	1459	2101	642	61.36	30.56	18.75	11.21	37.89
					DM-12A	8448	AC-ROTACOL-IDM-30	160mm	Sep-08	496	238	135	258	123	52.02	47.67	24.80	14.53	35.77	3424	1122	1166	2302	1136	67.23	49.35	33.18	13.83	34.80
					DM-14	13582	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	496	496									3424	3424								
					DM-15	6001	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	496	113	221	383	162	77.22	42.30	32.66	13.19	38.89	3424	1538	1046	1886	840	55.08	44.54	24.53	13.64	39.10
									TOTAL	1984	1013	606	971	365	48.94	37.59	18.40	12.88	41.10	13696	7407	3671	6289	2618	45.92	41.63	19.12	13.13	37.23
DOZER[5]																													
> 4.5 CuM					DOZ-21	17167	BEML D-355	410 HP	May- 03	496	360	17	136	119	27.42	87.50	23.99		31.01	3424	2352	208	1072	865	31.31	80.64	25.25		29.54
					DOZ-22	16083	BEML D-355	410 HP	Feb-04	496	496									3424	3424								
					DOZ-23	14387	BEML D-355	410 HP	May-08	496	239	123	257	134	51.81	52.14	27.02		29.66	3424	2180	782	1244	462	36.33	37.14	13.49		26.18
					DOZ-24	12115	BEML D-355	410 HP	Sep-08	496	173	22	323	301	65.12	93.19	60.69		40.15	3424	802	283	2622	2339	76.58	89.21	68.31		37.02
					DOZ-25	8481	BEML D-355	410 HP	25-Apr-14	496	496								3424	2773	373	651	279	19.01	42.78	8.13		28.96	
					DOZ-26	7250	BEML D-355	410 HP	08-Sept-17	496	85	152	411	259	82.86	63.02	52.22		39.29	3424	626	879	2798	1919	81.72	68.58	56.05		36.28
									TOTAL	2976	1849	314	1127	813	37.87	72.14	27.32		36.81	20544	12157	2524	8387	5863	40.82	69.91	28.54		34.44
PAY LOADER[2]																													
> 4.5 CuM					PL-7	11704	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	744	24	500	720	220	96.77	30.56	29.57		14.58	5136	1223	1902	3913	2011	76.19	51.39	39.15	0.00	13.54
					PL-8	4769	Hyundai-hl770-7A	280 HP	01-Jun-10	744	744									5136	5136								
									TOTAL	1488	768	500	720	220	48.39	30.56	14.78		14.58	10272	6359	1902	3913	2011	38.09	51.39	19.58	0.00	13.54
Back Hoe [2]																													
> 4.5 CuM					BACK HOE-02	7931	BEMLBE-300LC	1.2 CU.M	May-09	744	107	619	637	18	85.62	2.83	2.42		5.56	5136	2632	1336	2504	1168	48.75	46.65	22.74		14.35
					BACK HOE-03	1976	BEMLBE-300LC	1.25 CU.M	25-Sep-13	744	104	103	640	537	86.02	83.91	72.18		12.68	4392	2092	324	2300	1976	52.37	85.91	44.99		13.83
									TOTAL	1488	211	722	1277	555	85.82	43.46	37.30		12.45	9528	4724	1660	4804	3144	50.42	65.45	33.00		14.02
Water Sprinkler [2]																													
> 4.5 CuM					WT-5	14715	WS-28	28 KL	May-05	496	496									3672	2111	1135	1561	426	42.51	27.2			

EQUIPMENT AVAILABILITY & UTILISATION

Oct-18

UNIT IN %

EQPMT TYPE	KIRIBURU						MEGHAHATUBURU						BOLANI						BARSUA					
	NORM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM			
	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT		
DRILL	150 mm	70	70	33	48	46	48	52	78	52	74	62	35	70	40	79	11	84	10	49	38	46	42	
SHOVEL	HYD(D) <4.6 m3	70	75					76	12	31	23	51	3	67	9	91	34	73	25					
	HYD(D) >4.6 m3	85	80	92	53	94	51	74	60	69	62	79	40	74	38	31	26	77	23	43	61	57	52	
	HYD(E)	70	70																					
DUMPER	85/ 60 tn	65	75																88	82	88	67		
	50 tn	70	80							25	16	100	3	44	7	70	22	65	23	45	5	27	2	
	100 tn	85	80	64	45	73	40	67	48	59	52	60	37	64	34	54	39	80	15	55	62	57	63	
DOZER		70	70	46	35	42	27	59	33	52	43	82	29	69	30	65	17	85	14	38	72	41	70	
CRUSHING PLANT		85	85					97	63	94	57	93	50	81	52									
SCREENING PLANT		85	85					73	73	80	62	88	71	90	64									
OHP		85	85	92	71	91	71									81	76	80	66	98	87	95	87	

Consumption of Key Consumables in 2018-19(Kiriburu)

Item	HSD			EXPL	POWER	LUBRICANT								
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.12	0.45	4.2	25
2011-12	2232461	723255	2955716	733395	28638468	158510	3848850	0	1410525	633037.6	0.12	0.55	5.45	29.26
2012-13	2304757	777352	3082109	619868	29233456	115903	3958695	0	1481400	187362	0.11	0.56	5.37	21.12
2013-14	2028772	794925	2823697	502158	31070636	126608	3443634	24977	1334250	0	0.10	0.59	6.47	26.36
2014-15	2045312	860700	2906012	733330	31989330	110440	3893355	354285	1135350	638246	0.13	0.52	5.94	19.93
2015-16	2021760	758860	2780620	585470	31933017	107099	3648780	178245	2088990	201910	0.10	0.47	5.40	17.95
2016-17	2177112	702490	2879602	573840	31702875	101640	3891780	242370	2663910	0	0.08	0.44	4.66	15.36
2017-18	2109898	573577	2683475	515422	30594993	92150	3979790	215830	1568970	863256	0.08	0.46	5.31	15.84
2018-19	1148185	308743	1456928	241419	17078408	44420	2139630	111000	523710	125644	0.08	0.54	6.16	16.32
April'18	166292	48694	214986	53245	2164676	4200	248830	29000	126720	10000	0.13	0.56	5.35	10.90
May'18	180275	54357	234632	29757	2117508	6510	339490	26000	99270	0	0.06	0.53	4.56	14.62
June'18	166497	30570	197067	42892	2311396	6510	317680	29000	76500	115644	0.08	0.46	5.46	15.13
July'18	162165	49995	212160	20620	2448148	4100	310230	0	33750	0	0.06	0.62	7.12	11.92
August'18	161011	40590	201601	36055	2878160	9030	314280	0	31860	0	0.10	0.58	8.32	26.09
Sept'18	146482	46410	192892	35060	2473480	6930	285570		87660	0	0.09	0.52	6.63	18.57
Oct'18	165463	38127	203590	23790	2685040	7140	323550	27000	67950	0	0.06	0.51	6.42	17.93

Consumption of Key Consumables in 2018-19(Meghahatuburu)

Item	HSD			EXPL	POWER	LUBRICANT									
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB	
NORM	MINES	DGSET	TOTAL									0.13	0.45	4.15	25
2011-12	2362533	225172	2587705	553591	21142080	141234	4286700		1554480	325440	0.09	0.44	3.62	23.85	
2012-13	2503447	298360	2801807	464676	20066760	123987	4225320		2166885	30114	0.07	0.44	3.14	19.37	
2013-14	2324310	162200	2486510	392696	20328120	129431	4426065		1807800	780350	0.06	0.39	3.26	20.38	
2014-15	2220183	193500	2413683	319470	18089880	126073	3673080	0	1305800	155000	0.06	0.44	3.63	23.61	
2015-16	2225132	166400	2391532	519270	19481640	115697	3737160	0	1716350	896600	0.08	0.43	3.57	20.70	
2016-17	2572886	44085	2616971	515440	17964960	126531	3711060	162000	2828750	234000	0.07	0.39	2.68	19.06	
2017-18	2625542	51700	2677242	653081	18582360	119195	3784340	183000	2938950	1026000	0.08	0.38	2.69	16.97	
2018-19	1500160	59720	1559880	343469	10655280	66798	2121220	89000	1417900	300000	0.09	0.43	2.94	18.37	
April'18	220289	6030	226319	53177	1228440	9646	279290	20500	230200	50000	0.09	0.43	2.32	18.30	
May'18	224655	10060	234715	61594	1199640	9660	288590	8500	303700	60000	0.09	0.39	2.00	15.85	
June'18	211828	4230	216058	47428	1209960	11410	247170	15000	288600	45000	0.08	0.39	2.20	20.72	
July'18	188924	6580	195504	50550	1901760	6482	310810	5000	144100	30000	0.10	0.42	4.14	13.98	
August'18	206689	14530	221219	47315	2122920	10210	348830	10000	153100	95000	0.08	0.42	4.15	19.33	
Sept'18	206771	10760	217531	23570	1559640	11410	288350	10000	153100	20000	0.05	0.48	3.45	25.41	
Oct'18	241004	7530	248534	59835	1432920	7980	358180	20000	145100	0	0.11	0.49	2.74	15.70	

Consumption of Key Consumables in 2018-19(Bolani)

Item	HSD	Expl	Power	Lubricant									
Unit	Litre	kg	KWH	Litre/Kg	DEPTT ROM	F/G AREA CONTR SCR	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
NORM										0.11	0.43	4.8	25
2010-11	2026625	479122	23080560	118412	3347818		573189	785490	196165	0.10	0.48	4.90	27.87
2011-12	1998636	534534	21235920	100300	3060290		684985	796330	164403	0.11	0.50	4.68	25.18
2012-13	1783555	514007	19644960	91014	2605030		470897	838270	506624	0.12	0.50	5.02	25.35
2013-14	1872289	635069	20288400	103250	2888400		952901	1049150	667212	0.11	0.45	4.15	24.70
2014-15	2149181	810530	21124800	109435	3516659	200000	677254	738201	1792737	0.12	0.44	4.28	22.23
2015-16	2259467	913430	21800400	106130	3598770	0	1735825	1382700	1085889	0.12	0.40	3.25	18.66
2016-17	2538285	618000	22677280	116550	4014310	0	1667532	1534785	920488	0.08	0.41	3.14	18.81
2017-18	2514011	935809	20339200	125936	3712455	0	1543746	1417555	1853008	0.11	0.42	3.05	21.06
2018-19	1434706	527161	11594400	70126	2217800	0	893145	798980	856847	0.11	0.42	2.97	20.30
April'18	204486	59590	1433760	7602	147900	0	160209	251000	134324	0.09	0.43	2.56	16.09
May'18	213263	86655	1668960	11900	312300	0	156063	115950	112869	0.12	0.43	2.86	24.02
June'18	206532	74839	1671120	8330	341300	0	143708	71850	148274	0.11	0.42	3.00	17.13
July'18	213547	74422	1727520	9618	340900	0	108668	67930	88380	0.12	0.47	3.34	21.00
August'18	182689	72355	1720800	9898	326800	0	98018	111400	93311	0.11	0.38	3.21	20.36
Sept'18	199970	76935	1701840	9002	354500	0	98650	94600	101651	0.12	0.40	3.11	18.03
Oct'18	214219	82365	1670400	13776	394100	0	127829	86250	178038	0.10	0.38	2.75	24.74

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

Item	HSD			Expl	Power	Lubricant									
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	TALDIH OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL				BARSUA	TALDIH	BARSUA		DEPT	0.08	0.46	4.90	25.00
2011-12	1753745			233475	16215900	78287	1979803		1340775	859275.2		0.06	0.50	4.88	22.14
2012-13	1879641	30150	1909791	254675	14962260	99939	2281296		1350990	175261.7		0.07	0.52	4.12	27.19
2013-14	1592619	74350	1666969	253695	18204460	101571	1905428		1257525	652709		0.07	0.51	5.76	31.15
2014-15	1351019	18140	1369159	230450	17518920	62960	269920		2635065	350000		0.07	0.46	6.03	21.29
2015-16	1230145	6660	1236805	265250	15780840	47362	0	0	2384140	0		0.11	0.52	6.62	19.87
2016-17	934836	0	934836	188625	15520680	46730	0	173700	1804950	0	294165	0.10	0.45	7.84	22.26
2017-18	386285	0	386285	95062	13554044	11893	0	1052111	85675	0	206145	0.07	1.32	11.91	40.75
2018-19	701940	11079	713019	73287	6398779	14463	956092	442908	151425	0	65340	0.05	0.61	5.78	12.33
April'18	26265	0	26265	4950	1113077	341	0	98306	2365	0	23490	0.04	0.52	43.05	13.19
May'18	82015	0	82015	6750	1071437	1976	88915	89676	20490	0	21960	0.03	0.53	8.16	15.04
June'18	103602	0	103602	13276	716077	2271	181049	79030	16510	0	15660	0.05	0.44	3.36	10.65
July'18	107195	0	107195	13517	863157	2013	141235	71255	15790	0	4230	0.06	0.60	5.35	12.48
August'18	121860	1420	123280	15788	653477	3070	155765	60770	34685	0	0	0.06	0.60	3.43	16.12
Sept'18	125773	2300	128073	8250	1217997	2384	177207	21547	26005			0.04	0.61	5.42	11.73
Oct'18	135230	7359	142589	10756	763557	2408	211921	22324	35580	0	0	0.04	0.56	2.83	9.73

Consumption of Key Consumables in 2018-19(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				
2013-14	2677615	20143	2697758	423955	17447568	104254	3764538	0	1344785	0	0.08	0.53	3.41	20.40
2014-15	2085242	22389	2107631	277410	16677691	70037	2479410	0	752085	0	0.09	0.65	5.16	21.67
2015-16	2632296	18880	2651176	413320	18358728	92732	3565810	284938	1540315	198718	0.08	0.51	3.60	17.91
2016-17	2933129	2804	2935933	438030	18480528	106696	3774559	239976	1554059	0	0.08	0.54	3.32	19.80
2017-18	3087765	2220	3089985	388490	18466944	105288	4002700	0	1573793	0	0.07	0.55	3.31	18.88
2018-19	1814591	0	1814591	234829	10840944	65076	2226730	0	812900	0	0.08	0.60	3.57	21.41
April'18	276728	0	276728	31287	1431744	8862	341000	0	127530	0	0.07	0.59	3.06	18.91
May'18	270150	0	270150	50813	1615872	10430	341100	0	158150	0	0.10	0.54	3.24	20.89
June'18	258325	0	258325	32679	1600272	12744	325310	0	81180	0	0.08	0.64	3.94	31.35
July'18	260075	0	260075	32775	1517400	7182	322650	0	104580	0	0.08	0.61	3.55	16.81
August'18	243950	0	243950	20649	1588464	6762	300060	0	110430	0	0.05	0.59	3.87	16.47
Sept'18	247158		247158	29206	1576512	8848	302090	0	112680	0	0.07	0.60	3.80	21.33
Oct'18	258205	0	258205	37420	1510680	10248	294520	0	118350	0	0.09	0.63	3.66	24.82

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										Status as on October' 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. Further, compliance of the queries were forwarded by State Govt. to MoEFCC on 05.04.2016. After approval of MPSM on 08.06.2018, MoEFCC vide letter dated 26.06.2018 requested GoJ to provide some informations. The desired informations were submitted to DFO on 19.07.2018/31.07.2018. The report forwarded to CF on 14.08.2018 but CF asked some additional information on 23.08.2018. The modified reply submitted to DFO on 28.08.2018. The proposal forwarded to PCCF (Nodal) on 28.09.2018 through DFO & RCCF. PCCF (Nodal) forwarded the proposal to PCCF, Jharkhand on 05.10.2018 and forwarded the proposal to Addl. CS (F,E&CC) on 09.10.18 for further action.	EC granted by MoEFCC for 10 MTPA capacity on 27.12.2006. EC granted by MoEFCC 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 Meghahatuburu Iron Ore Mine are located in the lease-II.				
Lease - III	01.10.73	31.03.20	82	26.09.02	Forestry clearance for the total broken area of 24.23 Ha was granted on 11.04.2005.	Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III.				
Horomotto	01.01.70	31.12.99	1051.98	-	SAIL has filed Revision application with mining tribunal against State Govt.'s order of lapsing of lease and rejection of lease renewal application.	No EC				
BOLANI										
5.1 sq. mile lease	11.04.60	09.04.30	1321.45	26.03.09	Stage-II FC granted by MoEF&CC on 11.12.2012, 09.07.2013 & 12.11.2014. Stage-I FC for additional 87.09 ha sabik FL was obtained on 12.09.2017. Final Compliance report submitted to DFO, Keonjhar on 22.12.2017. Additional information submitted to DFO, Keonjhar on 10.05.2018. DFO forwarded the compliance report to RCCF on 20.06.2018. Further, RCCF forwarded to Addl. PCCF (NO) on 16.07.2018. APCCF (Nodal) vide letter dated 29.08.2018 directed DFO Keonjhar/Rourkela/Keonjhar (WL) Division to revise the CA schemes due to change in revision of wage rate. The revised scheme was forwarded to RCCF, Baripada on 11.10.18 for approval. Revision & authentication of SZ scheme has been approved by RCCF, Baripada on 30.10.18 with a direction to DFO, Anandapur to raise the differential amount. Another proposal related to revised CA schemes for 169.72 ha & 5.18 ha were approved by APCCF (NO) on 23.10.18 and after the issuance of demand, online payment of Rs. 1492600 portal was done in MoEFCC on 29.10.18. A meeting was held with Addl. Chief Secy. (F &E Dept.), Odisha on 25.10.18 along with concerned official of Govt. of Odisha to discuss all the pending FC proposals of SAIL in Odisha. Govt. of Odisha assured that all the pending schemes in compliance to Stage-I FC's will be approved and will be forwarded to MoEFCC on payment towards the approved schemes.	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)	MoEF&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 & respective schemes are appoved on 27.10.2018 and demand letter issued which is under progress for payment. In addition to that, Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. Compliance report submitted to DFO on 22.12.2017 and forwarded to Addl. PCCF (NO) on 02.06.2018. Due to revision in wage rate, CA scheme was revised and the revised compliance report was submitted to DFO on 25.07.2018. Other technical schemes has also been revised and forwarded by DFO, Keonjhar to RCCF, Rourkela on 23.08.2018. The revised SZ scheme (22.122 ha) has been forwarded by DFO, Keonjhar to RCCF, Rourkela on 23.08.2018 for necessary approval. RCCF, Rourkela vide letter dated 06.10.18 approved the scheme at current wage rate. DFO, Keonjhar vide letter dated 10.10.18 directed to deposit the differential amount of Rs. 1,35,910/- Differential demand letter uploaded in MoEFCC portal on 22.10.18. Vide email alert dated 25.10.18, demand details was verified by Nodal Officer. The challan was generated on 25.10.18 and payment was done in MoEFCC portal on 25.10.18. The complete compliance report w.r.t to differential payment of CA & SZ has been forwarded by DFO, Keonjhar to RCCF, RKL on 29.10.18 & subsequent to Addl. PCCF (N), BBSR.	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. Amended EC for ML-130 lease was granted on 30.03.2016 for redistribution of production from 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 Barsua Railway siding has been granted on 29.03.2018 with validity upto 31.03.2020.				
ML No.-162	29.04.60	28.04.30	77.94	21.04.99	Stage-II FC granted on 23.10.17 for diversion of 77.94 ha of forest land.	Ore Beneficiation Plant, Jigging Plant, Conveyors, part of the Tailing Pond located under this lease.				
ML No.-139	17.01.75	16.01.25	25.981	04.01.14	Online Diversion Proposal including safety zone submitted on 22.07.15. On scrutiny of online diversion proposal, DFO noticed some deficiencies and raised query on 26.05.16. Compliance of the query is under process.	MoEFCC vide letter dated 11.09.2018 accorded TOR and directed to submit EIA/EMP report based on the prescribed TOR.				
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 October' 2018
MINE	GRANTED ON	VALID UPTO	AREA (in ha.)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	ENVIRON. CLEARANCE (EC)	
BHAWANATHPUR							
GORGON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgon, Ghagra & Saraiya leases has been approved by SAIL-Board on 30.05.2017. Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval. IBM vide letter dated 19.07.2018 pointed out some observations. The observation of IBM was duly incorporated and FMCP's were submitted to IBM on 19.09.18.		
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 LEASE	15.05.82	14.05.22	91.14	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/450/2012-IA.II(M) dated 17.08.2015.CTE application for 0.06 MTPA production submitted on 06.01.2016. CTE for 0.06 MTPA production granted on 10.04.2016. Renewal of CTO was extended by Madhya Pradesh Pollution Control Board upto 31.07.2019.	
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 (2nd RML)	Stage-II FC for 101.32 ha under the lease was granted on 18.12.1997.	EC was granted on 24.03.1994 as per EIA notification 1994. CTO for 25000 TPM (Dolomite) capacity has been renewed by JSPCB on 28.03.17 for the period upto 31.03.2020. CTO for Rly Siding for 25,000 TPA Dolomite and 60,000 TPA Limestone renewed by JSPCB upto 30.06.2020. In compliance to MoEFCC Office memorandum dated 06.04.2018, ToR application under EIA Notification, 2006 has been submitted in Ministry's portal on 31.08.2018. MoEFCC vide email alert dated 11.09.18 has sought some details.	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										
MINE					FORESTRY CLEARANCE (FC)			Status as on October' 2018		
	GRANTED ON	VALID UPTO	AREA (in ha)	RENEWAL APPL.DATE				ENVIRONMENT CLEARANCE (EC)		
GUA										
Durgaiburu	22.02.49	21.02.79	1443.756	08.02.08 (2nd RML)	Stage-II FC for existing broken area of 274.691 ha has been granted by MoEF on 22.08.2014. Stage-I FC granted for 361.295 ha on 04.03.2014 in addition to 274.691 ha. Stage- I compliance report wa submitted to DFO 02.06.2015. State Govt. vide letter dated 30.07.2015/23.09.2015 forwarded the proposal to MoEFCC, New Delhi for grant of Stage-II FC. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 03.07.2018 requested GoJ to provide some informations. The desired informations were submitted to DFO on 19.07.2018 & forwarded to CF on 08.08.2018. Proposal forwarded to PCCF (N), Ranchi on 18.08.2018. Some more information sought by PCCF (Nodal) was submitted to DFO on 05.09.2018 and subsequently forwarded to PCCF (Nodal) on 26.09.2018.Proposal forwarded to Addl. CS (F,E&CC) on 28.09.2018.	EC granted by MoEF on 25.03.2013. CTO for 12.5 MTPA renewed by JSPCB on 26.12.2016 for the period 01.01.2017 to 31.12.2020.				
Jhilingburu - I	12.05.50	11.05.80	210.526	25.04.09 (2nd RML)	Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land indentification 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. 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 13.11.17sought additional details 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. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018 which is under compliance.				
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFFCC, Ranchi on 16.01.2018 for further necessary action. The proposal is pending with Regional Office, MoEFCC.	TOR for conducting EIA Study for production of 20,820 TPA Mn ore was granted by MoEF on 23.07.2012. Public Hearing was conducted on 31.01.2014 at Gua. Final EIA/EMP report was submitted to MoEFCC on 12.07.16 for grant of EC. The proposal was transferred to SEIAA, Ranchi by MoEFCC on 04.08.2017 as Catgory-B project. SEAC Meeting for grantof EC has been held at Ranchi on 22.02.2018. Information related to Project desired by SEAC on 09.03.2018 was submitted online on 19.05.2018. SEAC considered the EC proposal on 01.06.2018 and desired some information which was submitted on 29.09.18. SEAC in its meeting dated 08.10.2018 has recommended for grant of EC. Minutes of meeting has been circulated through SEIAA portal on 20.10.2018.				
Topailore	09.03.70	31.03.20	14.15	04.03.99	Stage-I FC for 14.15 ha of forest land was granted by MoEF on 30.08.13. Stage-I FC compliance submitted to DFO, Saranda on 05.03.2016 and was forwarded to RO, MoEFCC, Ranchi on 03.11.16 for grant of Stage-II FC.	EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015.				
CHIRIA										
Budhaburu (McLellan)	08.12.45	31.03.20	823.617	16.11.04 (2nd RML)	Stage I FC granted by MoEFCC vide order no.- 8-70/2009-FC dated 7th March 2011. Compliance of Stage-I FC forwarded by State Govt. to MoEF on 22.09.2014. RO, MoEFCC, BBSR inspected the mine and the report was sent to MoEFCC, New Delhi on 24.07.2015. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 10.08.2018 requested GoJ to provide some informations. In line with that letter, GOJ asked the same on 31.08.2018 which is under compliance.	EC has been granted by MoEF&CC vide letter no - J-11015/249/2009-IA.II (M) dated 23.03.2011 for enhancement of production capacity to 4.2 MTPA.				
Ajitaburu	07.12.47	06.12.77	323.887	04.12.06 (2nd RML)		EC has been granted by MoEF&CC vide letter no - J-11015/505/ 2007-IA.II (M) dated 31.03.2011 for enhancement of production capacity to 2.8 MTPA.				
Sukri - Latur	22.03.49	21.03.79	609.554	11.03.08 (2nd RML)		EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA.				
Dhobil	08.03.48	07.03.38	513.036	06.03.97 (2nd RML)	Forestry clearance is deemed to be exist upto 2038.	EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 24.01.2012 and amended dated 01.05.12 for production capacity to 0.75 MTPA. The amendment of EC for continuation of ore transportation by road for 5 more years beyond June, 2017 was granted on 19.04.17. Consent to Operate for 0.75 MTPA has been renewed by JSPCB on 09.03.2018 for the period up to 31.03.2022. CTO for Manoharpur siding for dispatch of 2.5 lakhs T/month of iron ore was granted by JSPCB on 08.12.16 for period upto 30.06.2021.				
Tatiburu	01.09.49	31.08.79	38.85	24.08.08 (2nd RML)	Virgin & Non-working lease.No FC	No EC				
Ankua	14.06.82	31.03.20	67.178	18.06.11 (2nd RML)	Virgin & Non-working lease.No FC	No EC				

RMD MANPOWER POSITION AS ON 01.11.2018			
	Executives	Non-Executives	Total
A. ORE MINES			
Kiriburu	87	533	620
Meghahatuburu	66	483	549
Bolani	90	417	507
Barsua	60	294	354
Kalta	14	61	75
Gua	65	502	567
Manoharpur(Chiria)	15	59	74
A.TOTAL	397	2349	2746
B. FLUX MINES			
Purnapani	0	10	10
Kuteshwar	23	102	125
BNP & TDMR	11	81	92
B. TOTAL	34	193	227
C. OFFICES			
Kolkata	69	33	102
Rourkela	13	16	29
Bokaro	2	3	5
Durgapur	1	4	5
Delhi	3	2	5
Bhubaneswar	1	2	3
Ranchi	2	1	3
Burnpur	0	1	1
MT	5	0	5
C. TOTAL	96	62	158
GRAND			
TOTAL(A+B+C)	527	2604	3131
Manpower as on 01.09.2018	527	2615	3142
Reduction(-) / Increase(+)	0	-11	-11

SAFETY REPORT

Accident Statistics:

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

R-Regular Employee, C-Contractual Employee, T- Total (Regular + Contractual) Employee

1.0 Manhours worked :-7,19,809

2.0 IME/PME

1	Regular	23
2	Contractual	63

3.0 Reportable & Near miss- NIL

4.0 Pit Safety Committee Meeting -- YES 05
Safety Inspection done:- YES
1. Mines 28
2. Statutory Register 01
3. Canteen & VT Centre 02

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	ISO 14001					
	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

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	5	8	8	0
2.	Shop DSOs				
3.	Apex Committee	04(02 GOM & 02 MIOM)	10	10	0
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	11	79		
2	Basic Training	05	08		
3	Skill Development Training	07	15		

(B) Regular Trainings

Safety Talk			Induction Training			On –the-job/ Refresher Training		
R-62	C-62	T-62	R-1	C-1	T-2	R-0	C -0	T-0

2.1.4 Safety Monitoring &Review:

Sl. No.	Item	Quantum	Title
1.	Protocols prepared	NIL	
2.	Work permit issued	01	GOM Plant Shut Down
3	Monitoring during capital repair/ major shutdown	01	GOM
4.	Safety clauses incorporated in SOPs/ SMPs	NIL	
5.	Mock Drills conducted	NIL	
6.	Any Other	NIL	

2.1.5 Special Drives & Campaigns

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

2.1.6 Participative Meetings:

Sl.No.	Name / Type	Quantum	Remarks
1.	Departmental Safety Committee / Deptt. consultative committee	8 Oct-18	Electrical/BIM
2.	Central Safety committee	5	
3.	Pit Safety Committee (for mines only)	5	
4.	Any other		

2.1.7 Events: (Other than routine)

Sl. No.	Events	Description
1.	National Safety Day related activities	
2.	Safety exhibitions & Mela	06
3.	Interactions with Statutory bodies	
4.	Participation in external seminars/ papers presented	
5.	Accident free departments/ shops	
6.	Special interactions with Head of Works/ Safety	
7.	Publication of Safety magazine/ booklets etc.	

IRON ORE STOCK INVENTORY BEHAVIOUR

October 2018

IRON ORE LUMP

UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.10.2018	MTH	CUM	MTH	CUM	01.11.2018	MTH	YR
BSL	28	102	176	1378	194	1336	86	-16	58
DSP	11	41	122	841	119	807	44	3	33
RSP	11	11	213	1317	203	1305	13	2	2
ISP	5	82	73	621	55	471	76	-6	71
BSP	256	290			248	1637	256	-34	0
TOT	311	526	584	4157	819	5556	475	-51	164

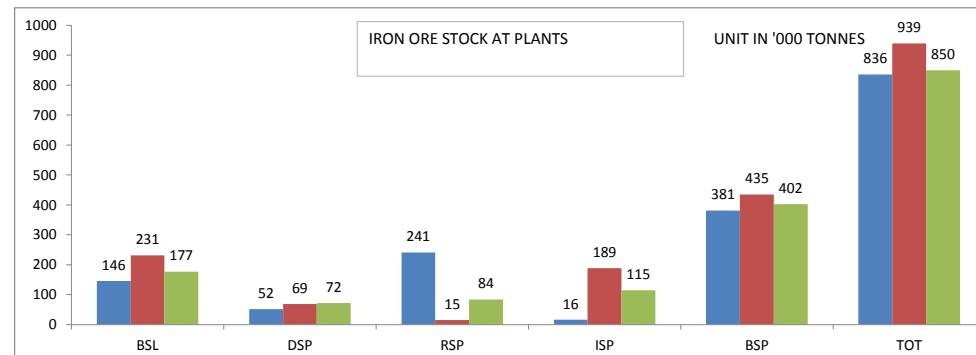
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.10.2018	MTH	CUM	MTH	CUM		MTH	YR
BSL	118	129	291	2447	355	2644	91	-38	-27
DSP	41	28	249	1596	250	1611	28	0	-13
RSP	230	4	495	2248	458	2657	71	67	-159
ISP	11	107	155	1419	228	1479	39	-68	28
BSP	125	145	4	55	392	2480	146	1	21
TOT	525	413	1194	7765	1683	10871	375	-38	-150

IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.10.2018	MTH	CUM	MTH	CUM		MTH	YR
BSL	146	231	467	3825	549	3980	177	-54	31
DSP	52	69	371	2437	369	2418	72	3	20
RSP	241	15	708	3565	661	3962	84	69	-157
ISP	16	189	228	2040	283	1950	115	-74	99
BSP	381	435	4	55	640	4117	402	-33	21
TOT	836	939	1778	11922	2502	16427	850	-89	14

* BSP RECEIPT FROM RMD MINES



PRODUCTION PERFORMANCE

October 2018

हॉट मेटल

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	432	342	79	2690	2402	89	2256	6
दूर्गापूर	232	225	97	1526	1462	96	1272	15
रात्रकेला	329	289	88	2392	2158	90	1871	15
बर्नपूर	235	166	71	1558	1062	68	1179	-10
पूर्वी इस्पात संयंत्र	1228	1022	83	8166	7084	87	6578	8
भिलाई	572	436	76	3362	2618	78	2488	5
TOTAL	1800	1458	81	11528	9702	84	9066	7

सिन्टर

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	473	456	96	3313	3400	103	3188	7
दूर्गापूर	290	308	106	1907	1979	104	1763	12
रात्रकेला	509	474	93	3687	3570	97	2950	21
बर्नपूर	339	269	79	2248	1642	73	1896	-13
पूर्वी इस्पात संयंत्र	1611	1507	94	11155	10591	95	9797	8
भिलाई	856	611	71	5134	3825	75	3717	3
TOTAL	2467	2118	86	16289	14416	89	13514	7

IRON ORE RECEIPTS FOR THE MONTH OF October 2018

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	25	18	53	3	22	26	3		26		177
DSP			88				34				122
RSP	55	38		61		53			6		213
ISP			28				45				73
BSP											
TOT	81	55	169	64	22	80	82		32		586

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	73	46	83	48		11	11		19		290
DSP		3	159				87				250
RSP	184	193		44		63			11		495
ISP		4	39				112				155
BSP	4										4
TOT	260	246	281	93		74	209		30		1193

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	98	64	136	51	22	37	14		45		467
DSP		3	247				121				372
RSP	239	231		105		116			17		708
ISP		4	67				157				228
BSP	4										4
TOT	341	302	451	156	22	153	292		62		1779

IRON ORE RECEIPTS TILL THE MONTH OF October 2018

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	239	251	378	27	37	292	20		134		1378
DSP		7	577				257				841
RSP	330	335		230	141	205			70	6	1317
ISP		3	241				373		4		621
BSP											
TOT	569	596	1196	257	178	497	650		208	6	4157

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	649	624	475	336	98	90	71		104		2447
DSP		67	927				602				1596
RSP	982	743		148		328			47		2248
ISP	3	95	532				781		8		1419
BSP	47	8									55
TOT	1681	1537	1934	484	98	418	1454		159		7765

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	888	875	853	363	135	382	91		238		3825
DSP		74	1504				859				2437
RSP	1312	1078		378	141	533			117	6	3565
ISP	3	98	773				1154		12		2040
BSP	47	8									55
TOT	2250	2133	3130	741	276	915	2104		367	6	11922

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
165 CLASS-170 CLASS	Km	01-Nov-18	Km	01-Nov-18	Km	01-Nov-18	Km	01-Nov-18	Km	01-Nov-18
KRBU(N/B) (FOS)	371	666.60	409	747.70	94	203.50	377	706.90	539	951.20
KRBU(O/B) (SOBK)	371	666.60	409	747.70	94	203.50	377	706.90	539	951.20
MBR (SSMK)	371	666.60	409	747.70	94	203.50	377	706.90	539	951.20
BOLANI (BYFS)	272	508.70	318	587.20	227	467.80	286	549.10	673	1193.30
BARSUA (PBSB)	342	626.90	390	706.90	73	203.20	356	666.60	519	951.20
ROXY (HLSR)	332	626.90	379	706.90	63	203.20	346	626.90	509	951.20
GUA (ISCG)	265	508.70	311	587.20	220	426.80	279	549.10	665	1193.30
MANOHARPUR (IISM)	241	467.60	287	549.10	37	203.50	255	508.70	483	869.20
DALLIRAJHARA (DRZ)	827	1433.00	871	1512.10	537	951.20	832	1433.00	83	203.20

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
FLUX	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
145 CLASS -150 CLASS	Km	01-Nov-18	Km	01-Nov-18	Km	01-Nov-18	Km	01-Nov-18	Km	01-Nov-18
BHAWANATHPUR (PSBS)	369	585.80	491	763.80	563	907.30	459	727.40	909	1398.20
KHANABANJARI (KHBJ)	712	1119.70	834	1259.30	680	1048.70	802	1259.30	496	763.80