

आर.एम.डी. इन्फॉर्मेटिक्स



SEPTEMBER'2018



द्वारा प्रकाशित:

पीपीसी विभाग

राँ मटेरियल्स डिवीजन

भारतीय इस्पात प्राधिकरण

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Excerpt

For the month of September'2018

- **Production :**
 - Highest ever September month Production 16.29 Lakh Te 4.6% growth over CPLY, Last highest September month Production 15.57 Lakh Te Sept-17)
- **Despatch :**
 - Highest ever September month Despatch 16.46 Lakh Te 5.2% growth over CPLY, Last highest September month Production 15.46 Lakh Te Sept-17)

Details of Rake Despatched

MINES		Sept'18	Sept'17	%Grth	Till Sept-18	CPLY Till Sept-17	%Grth
KBR		97	89	9.0	526	531	-0.9
MBR		80	88	-9.1	500	456	9.6
BOL		112	136	-17.6	772	735	5.0
BAR		37	0	-	172	0	-
TAL		5	12	-58.3	76	60	26.7
KAL		33	35	-5.7	203	165	23.0
GUA		81	73	11.0	540	474	13.9
MPR		17	1	1600.0	83	39	112.8
RMD	L	149	149	-	1001	881	13.6
	F	313	285	9.8	1871	1579	18.5
	T	462	434	6.5	2872	2460	16.7

PLANT	COMM	Sept'18	2018-19
BSL	L	58.8	326
	F	118.2	589
DSP	L	36.8	204.8
	F	58.2	402.2
RSP	L	48	313.8
	F	90	480.2
ISP	L	8.9	159.6
	F	35.1	382.4
BSP	L		0
	F	8	14
TOTAL	L	152.5	1004.2
	F	309.5	1867.8
	TOTAL	462	2872

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

September 2018

UNIT 000 TONNES

PRODUCTION													
MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR Sep 2017	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2018-19	TGT	ACT	%FF	LAST YR Sep 2017		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	1300	100	79	79	112	-29.6	655	489	75	636	-23.1	69
	F	3000	210	207	98	244	-15.3	1430	1411	99	1443	-2.2	
	T	4300	310	286	92	356	-19.8	2085	1900	91	2080	-8.6	
MEGHAHA TUBURU 5000	L	1150	100	80	80	119	-32.5	620	541	87	523	3.3	66
	F	2750	180	173	96	192	-9.7	1290	1114	86	1052	5.8	
	T	3900	280	253	90	310	-18.4	1910	1655	87	1576	5.0	
BOLANI 6500	L	2250	180	169	94	180	-5.9	1080	1014	94	968	4.8	78
	F	3950	320	269	84	237	13.5	1910	1526	80	1470	3.9	
	T	6200	500	438	88	417	5.2	2990	2540	85	2437	4.2	
BARSUA 3000	L	680	80	51	63			240	218	91			48
	F	1370	120	120	100			360	500	139			
	T	2050	200	171	85			600	719	120			
TALDIH 1000	L	420	30	6	22	41	-84.1	255	166	65	184	-10.0	54
	F	480	35	10	29			170	105	62			
	T	900	65	17	26	41	-59.2	425	271	64	184	47.1	
KALTA 2500	L	1000	80	63	79	54	16.1	520	406	78	311	30.5	58
	F	1200	60	44	74	79	-43.7	440	319	72	286	11.5	
	T	2200	140	107	77	133	-19.3	960	725	76	598	21.4	
GUA 4000	L	1000	80	81	101	67	21.4	530	544	103	463	17.4	97
	F	3200	260	221	85	229	-3.4	1580	1388	88	1440	-3.6	
	T	4200	340	302	89	296	2.2	2110	1932	92	1903	1.5	
MANOHAR - PUR 1500	L	350	30	36	119			180	183	101	92	99.0	24
	F	400	25	20	79	5	329.2	185	124	67	43	191.0	
	T	750	55	55	101	5	1106.7	365	306	84	134	128.2	
TOTAL 29000	L	8150	680	565	83	572	-1.3	4080	3561	87	3178	12.0	69
	F	16350	1210	1064	88	985	8.0	7365	6488	88	5734	13.2	
	T	24500	1890	1629	86	1557	4.6	11445	10049	88	8912	12.8	

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

September 2018

UNIT 000 TONNES

DESPATCHES															
MINE	COMM.	PLAN	FOR THE MONTH				GRTH %	TILL THE MONTH				GRTH %	STOCKS AT MINES		
		2018-19	TGT	ACT	%FF	LAST YR Sep 2017	OVER LSTYR Sep 2017	TGT	ACT	%FF	LAST YR	OVER LSTYR	AS ON		
													YEAR BEGN.	MTH BEGN.	MTH END
KIRIBURU	L	1300	100	82	82	94	-12.7	655	487	74	614	-20.7	28	30	32
	F	3000	225	273	121	237	15.0	1570	1423	91	1364	4.3	1021	1083	1009
	T	4300	325	355	109	331	7.2	2225	1910	86	1979	-3.5	1049	1113	1041
MEGHAHA TUBURU	L	1150	100	84	84	90	-6.8	650	541	83	562	-3.9	101	105	98
	F	2750	230	212	92	238	-11.2	1560	1302	83	1164	11.9	552	389	337
	T	3900	330	296	90	328	-10.0	2210	1842	83	1726	6.7	653	494	435
BOLANI	L	2250	180	175	97	191	-8.4	1105	1065	96	991	7.5	133	82	78
	F	3950	320	220	69	285	-22.8	2000	1656	83	1576	5.1	1522	1338	1385
	T	6200	500	395	79	477	-17.1	3105	2721	88	2567	6.0	1655	1420	1463
BARSUA	L	680	80	43	54			235	187	80			15	37	46
	F	1370	120	87	72			360	392	109			194	156	190
	T	2050	200	129	65			595	579	97			209	193	236
TALDIH	L	420	30	4	13	40	-90.4	255	153	60	193	-20.4	9	20	22
	F	480	35	15	43			170	103	61			9	16	11
	T	900	65	19	29	40	-53.5	425	257	60	193	33.2	18	36	33
KALTA	L	1000	80	57	71	54	6.4	520	399	77	311	28.6	12	16	22
	F	1200	60	57	95	72	-21.2	440	324	74	291	11.4	13	21	8
	T	2200	140	114	82	126	-9.5	960	724	75	602	20.3	25	37	30
GUA	L	1000	80	70	88	58	20.6	530	573	108	417	37.5	30	18	27
	F	3200	260	204	79	201	1.7	1580	1196	76	1250	-4.4	161	97	143
	T	4200	340	274	81	259	5.9	2110	1769	84	1667	6.1	191	115	170
MANOHAR - PUR	L	350	30	41	137			180	183	102	92	99.5		10	5
	F	400	25	23	90	3	568.6	185	123	66	35	246.1	5	4	1
	T	750	55	64	116	3	1786.0	365	306	84	127	140.4	5	14	6
TOTAL	L	8150	680	556	82	528	5.5	4130	3589	87	3180	12.9	328	318	330
	F	16350	1275	1090	85	1037	5.0	7865	6518	83	5680	14.7	3477	3104	3084
	T	24500	1955	1646	84	1565	5.2	11995	10107	84	8860	14.1	3805	3422	3414

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

September 2018

UNIT 000 TE

DEVELOPMENT								
	FOR MONTH			TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF	TGT	ACT	%FF		
KIRIBURU	222	88	39	1151	581	51	879	-34
MEGHAHATUBURU	260	173	67	1810	1573	87	2012	-22
BOLANI	340	196	58	2046	1469	72	1420	3
BARSUA	80	26	33	570	116	20	7	1572
TALDIH	30	0	0	90	65	73	143	-54
KALTA	0	0		0	0		0	
GUA	150	113	75	1200	695	58	700	-1
MANOHARPUR	0	0		0	1		0	
TOTAL	1082	596	55	6867	4500	66	5161	-12.8

ROM								
KIRIBURU	345	286	83	2185	1900	87	2120	-10
MEGHAHATUBURU	370	298	81	2180	1832	84	1778	3
BOLANI	500	453	91	2990	2589	87	2482	4
BARSUA	240	177	74	1018	744	73	0	
TALDIH	65	22	33	425	421	99	464	-9
KALTA	140	109	78	960	728	76	593	23
GUA	340	302	89	2110	1932	92	1903	2
MANOHARPUR	55	55	101	365	306	84	134	128
TOTAL	2055	1702	83	12233	10452	85	9476	10

TOTAL EXCAVATION								
KIRIBURU	567	373	66	3336	2481	74	3000	-17
MEGHAHATUBURU	630	471	75	3990	3405	85	3790	-10
BOLANI	840	649	77	5036	4058	81	3903	4
BARSUA	320	203	64	1588	860	54	7	12310
TALDIH	95	22	23	515	486	94	607	-20
KALTA	140	109	78	960	728	76	593	23
GUA	490	415	85	3310	2627	79	2603	1
MANOHARPUR	55	55	101	365	307	84	134	129
TOTAL	3137	2298	73	19100	14952	78	14637	2

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
Total	2999910	2120490	879420	3790070	1778220	2011850	3902745	2482410	1420335	6930	0	6930	607269	464349	142920	592760	592760	0	2603253	1903400	699853	134267	134267	0	14637204	9475896	5161308

Unit in Te	THIS YEAR EXCAVATION PERFORMANCE 2018-19																										
	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-18	414550	277830	136720	579990	299790	280200	693432	308108	385324	0	0	0	121796	98306	23490	141140	141140	0	468530	341000	127530	18700	18700	0	2438138	1484874	953264
May-18	464760	365490	99270	660790	297090	363700	697182	468363	228819	109405	88915	20490	111636	89676	21960	144020	144020	0	499250	341100	158150	70140	70140	0	2757183	1864794	892389
Jun-18	538824	346680	192144	595770	262170	333600	705132	485008	220124	197559	181049	16510	94690	79030	15660	117100	117100	0	406490	325310	81180	65968	64914	1054	2721533	1861261	860272
Jul-18	343980	310230	33750	489910	315810	174100	605878	449568	156310	157025	141235	15790	75485	71255	4230	89100	89100	0	427230	322650	104580	46439	46439	0	2235047	1746287	488760
Aug-18	346140	314280	31860	606930	358830	248100	706618	424818	281800	190450	155765	34685	60770	60770	0	127600	127600	0	410490	300060	110430	50834	50834	0	2499832	1792957	706875
Sep-18	373230	285570	87660	471450	298350	173100	649401	453150	196251	203212	177207	26005	21547	21547	0	108600	108600	0	414770	302090	112680	55376	55376	0	2297586	1701890	595696
Total	2481484	1900080	581404	3404840	1832040	1572800	4057643	2589015	1468628	857651	744171	113480	485924	420584	65340	727560	727560	0	2626760	1932210	694550	307457	306403	1054	14949319	10452063	4497256
Change Over Last Year																											
DIFF	-518426	-220410	-298016	-385230	53820	-439050	154898	106605	48293	850721	744171	106550	-121345	-43765	-77580	134800	134800	0	23507	28810	-5303	173190	172136	1054	312115	976167	-664052
%Chg	-17.3	-10.4	-33.9	-10.2	3.0	-21.8	4.0	4.3	3.4	12275.9	-	1537.5	-20.0	-9.4	-54.3	22.7	22.7	-	0.9	1.5	-0.8	129.0	128.2	-	2.1	10.3	-12.9

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
Total	636280	1443223	2079503	523475	1052475	1575950	967691	1469504	2437195				184318		184318	311470	286066	597536	463077	1440323	1903400	91741	42575	134316	3178052	5734166	8912218

	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	300060	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
Total	489028	1411052	1900080	540977	1113973	1654950	1013979	1526467	2540446	218196	500387	718583	166100	105260	271360	406331	318827	725158	543783	1388427	1932210	182602	123801	306403	3560996	6488194	10049190

Change Over Last Year																											
DIFF	-147252	-32171	-179423	17502	61498	79000	46288	56963	103251	218196	500387	718583	-18218	105260	87042	94861	32761	127622	80706	-51896	28810	90861	81226	172087	382944	754028	1136972
%Chg	-23.1	-2.2	-8.6	3.3	5.8	5.0	4.8	3.9	4.2	-	-	-	-9.9	-	47.2	30.5	11.5	21.4	17.4	-3.6	1.5	99.0	190.8	128.1	12.0	13.1	12.8

Performance against Last Year

PREVIOUS YEAR DESPATCH 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
93034	205705	298739	102557	186744	289301	157291	270155	427446				19284		19284	52923	49335	102258	94743	211053	305796	29782	13962	43744	549614	936954	1486568
108284	229783	338067	75471	122904	198375	161078	238285	399363				44258		44258	61635	51644	113279	86851	198410	285261	33785	18125	51910	571362	859151	1430513
94661	236046	330707	71102	204110	275212	161631	269244	430875				31910		31910	39970	40446	80416	69949	215160	285109	28119		28119	497342	965006	1462348
95988	203227	299215	98431	202274	300705	131343	201904	333247				26127		26127	50192	32846	83038	56698	214229	270927				458779	854480	1313259
128151	252650	380801	124649	209225	333874	188639	310588	499227				31718		31718	52154	44328	96482	50379	210555	260934				575690	1027346	1603036
94122	236991	331113	90078	238322	328400	191268	285463	476731				40249		40249	53720	72421	126141	58144	200914	259058		2978	2978	527581	1037089	1564670
614240	1364402	1978642	562288	1163579	1725867	991250	1575639	2566889	0	0	0	193546	0	193546	310594	291020	601614	416764	1250321	1667085	91686	35065	126751	3180368	5680026	8860394

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
83370	219106	302476	124184	208457	332641	121767	314857	436624				41799	23872	65671	72764	88815	161579	110181	207154	317335	17613		17613	571678	1062261	1633939
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
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
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
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
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
486956	1422606	1909562	540577	1300546	1841123	1065334	1655899	2721233	187123	391887	579011	153484	103161	256645	399491	324064	723555	572994	1195709	1768703	182935	122723	305658	3588894	6516595	10105490
ver Last Year																										
-127284	58204	-69080	-21711	136967	115256	74084	80260	154344	187123	391887	579011	-40062	103161	63099	88897	33044	121941	156230	-54612	101618	91249	87658	178907	408526	836569	1245096
-20.7	4.3	-3.5	-3.9	11.8	6.7	7.5	5.1	6.0	-	-	-	-20.7	-	32.6	28.6	11.4	20.3	37.5	-4.4	6.1	99.5	250.0	141.1	12.8	14.7	14.1

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

September 2018
बोकारो इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	65	42	64	370	213	58	214	-1	75	112	149	410	579	141	525	10	140	154	110	780	793	102	740	7
MBR	60	47	78	410	236	58	277	-15	70	82	117	505	571	113	554	3	130	129	99	915	807	88	832	-3
BOL	35	71	204	215	343	160	348	-2	120	102	85	820	381	46	425	-10	155	173	112	1035	724	70	773	-6
BAR	25			70	20	29			15	58	388	40	293	733			40	58	145	110	314	285		
TAL		4			14		4	267	25	15	60	70	103	147			25	19	75	70	118	168	4	2904
KAL	10	18	180	45	254	564	46	458		14			76		93	-19	10	32	324	45	330	733	139	138
GUA	20	8	39	80	17	21	97	-83		28			60		237	-75	20	36	179	80	77	96	334	-77
MPR	30	34	112	180	116	65	36	226	25	15	60	135	81	60	14	462	55	49	89	315	197	63	50	294
RMD TOT	245	223	91	1370	1214	89	1022	19	330	426	129	1980	2144	108	1850	16	575	649	113	3350	3358	100	2872	17
DRZ																								
PUR																								
GR TOT	245	223	91	1370	1214	89	1022	19	330	426	129	1980	2144	108	1850	16	575	649	113	3350	3358	100	2872	17
FLUXES																								
KTR	34	32	94	221	177	80	154	15																
TDMR	10	8	80	55	32	59	45	-28																
TOT	44	40	91	276	209	76	199	5																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

September 2018
दुर्गापुर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB																								
MBR					7		23	-70		7			67		7	873		7			74		30	147
BOL	90	95	105	565	509	90	409	24	130	101	77	760	787	104	586	34	220	195	89	1325	1296	98	996	30
BAR																								
TAL																								
KAL																								
GUA	30	41	137	275	231	84	224	3	70	90	129	465	512	110	457	12	100	131	131	740	744	100	681	9
MPR							4	-100														4	-100	
RMD TOT	120	136	113	840	747	89	660	13	200	198	99	1225	1366	112	1051	30	320	334	104	2065	2113	102	1710	24
DRZ																								
PUR																								
GR TOT	120	136	113	840	747	89	660	13	200	198	99	1225	1366	112	1051	30	320	334	104	2065	2113	102	1710	24
0									FLUXES															
KTR	4			25	24	97	4	502																
TDMR							4	-100																
TOT	4			25	24	97	8	203																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

September 2018

राउरकेला इस्पात संयंत्र

UNIT '000 TONNES

UNIT: %FF 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	25	40	161	225	274	122	400	-32	110	135	123	710	798	112	737	8	135	176	130	935	1072	115	1136	-6
MBR	40	37	93	240	295	123	262	12	70	108	154	530	553	104	522	6	110	145	131	770	847	110	784	8
BOL																								
BAR	55	43	78	165	167	101			35	28	81	110	98	89			90	71	79	275	265	96		
TAL	30			255	139	55	189	-26	10			100					40			355	139	39	189	-26
KAL	60	39	65	400	145	36	249	-41	60	43	71	440	249	56	179	39	120	82	68	840	394	47	428	-8
GUA																								
MPR		7			63		11	460		8		50	34	69	21	63		15		50	97	195	32	201
RMD TOT	210	167	79	1285	1083	84	1110	-3	285	321	113	1940	1732	89	1459	19	495	488	99	3225	2815	87	2569	10
PUR																								
DRZ					6																6			
GR TOT	210	167	79	1285	1089	85	1110	-2	285	321	113	1940	1732	89	1459	19	495	488	99	3225	2821	87	2569	10
0																								
FLUXES																								
KTR	12	4	33	87	44	51	57	-22																
TDMR	4			24	5	22	30	-82																
TOT	16	4	25	111	49	44	87	-43																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

September 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	10			60									3				10			60	3	5		
MBR					3				40	11	28	260	104	40	80	29	40	11	28	260	107	41	80	33
BOL	55	9	17	325	214	66	234	-9	70	18	26	420	488	116	564	-13	125	27	22	745	702	94	798	-12
BAR																								
TAL																								
KAL	10			75			16	-100							19	-100	10			75			35	-100
GUA	30	21	71	175	325	186	96	240	160	86	54	910	623	68	556	12	190	108	57	1085	948	87	651	45
MPR					4		41	-91					8								11		41	-73
RMD TOT	105	31	29	635	546	86	387	41	270	115	43	1590	1225	77	1219	1	375	146	39	2225	1771	80	1606	10
DRZ																								
PUR																								
GR TOT	105	31	29	635	546	86	387	41	270	115	43	1590	1225	77	1219	1	375	146	39	2225	1771	80	1606	10
FLUXES																								
KTR																								
TDMR				4	3	66	8	-67																
TOT				4	3	66	8	-67																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

September 2018
भिलाई इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB									30	26	85	390	42	11	102	-59	30	26	85	390	42	11	102	-59
MBR										4			8					4			8			
BOL																								
BAR									70			210					70			210				
TAL																								
KAL																								
GUA																								
MPR																								
RMD TOT									100	29	29	600	50	8	102	-51	100	29	29	600	50	8	102	-51
DRZ																								
PUR																								
GR TOT									100	29	29	600	50	8	102	-51	100	29	29	600	50	8	102	-51
FLUXES																								
KTR	50	44	89	327	214	65	299	-28																
TDMR	6	4	67	37	76	206	24	217																
TOT	56	48	86	364	290	80	323	-10																

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

September 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	100	82	82	655	487	74	614	-21	215	273	127	1510	1423	94	1364	4	315	355	113	2165	1910	88	1979	-3
MBR	100	84	84	650	541	83	562	-4	180	212	118	1295	1302	101	1164	12	280	296	106	1945	1842	95	1726	7
BOL	180	175	97	1105	1065	96	991	7	320	220	69	2000	1656	83	1576	5	500	395	79	3105	2721	88	2567	6
BAR	80	43	54	235	187	80			120	87	72	360	392	109			200	129	65	595	579	97		
TAL	30	4	13	255	153	60	193	-20	35	15	43	170	103	61			65	19	29	425	257	60	193	33
KAL	80	57	71	520	399	77	311	29	60	57	95	440	324	74	291	11	140	114	82	960	724	75	602	20
GUA	80	70	88	530	573	108	417	37	230	204	89	1375	1196	87	1250	-4	310	274	89	1905	1769	93	1667	6
MPR	30	41	137	180	183	102	92	100	25	23	90	185	123	66	35	246	55	64	116	365	306	84	127	140
RMD TOT	680	556	82	4130	3589	87	3180	13	1185	1090	92	7335	6518	89	5680	15	1865	1646	88	11465	10107	88	8860	14
PUR																								
DRZ					6																6			
GR TOT	680	556	82	4130	3595	87	3180	13	1185	1090	92	7335	6518	89	5680	15	1865	1646	88	11465	10113	88	8860	14
FLUXES																								
KTR	100	80	80	660	459	69	513	-11																
TDMR	20	12	60	120	116	97	112	4																
TOT	120	93	77	780	575	74	624	-8																

FLUX MINES OPERATIONS

September 2018

UNIT 000 TONNES

PRODUCTION

MINE		PLAN	FOR THE MONTH				GRTH %	TILL THE MONTH				GRTH %
		2018-19	TGT	ACT	%FF	LAST YR Sep 2017	OVER LSTYR Sep 2017	TGT	ACT	%FF	LAST YR	OVER LSTYR
KUTESHWAR	LST	1365	100	68	68	81	-16.6	660	433	66	501	-13.5
TULSIDAMAR	DOLO	210	20	20	100	19	4.4	120	92	76	98	-6.8
RMD TOTAL		1575	120	88	73	101	-12.6	780	525	67	599	-12.4

DESPATCHES

MINE		PLAN	FOR THE MONTH				GRTH %	TILL THE MONTH				GRTH %
		2018-19	TGT	ACT	%FF	LAST YR	OVER LSTYR	TGT	ACT	%FF	LAST YR	OVER LSTYR
KUTESHWAR	LST	1365	100	80	80	81	-0.2	660	459	69	513	-10.5
TULSIDAMAR	DOLO	210	20	12	60	19	-36.6	120	116	97	112	4.4
RMD TOTAL		1575	120	93	77	100	-7.1	780	575	74	624	-7.9

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
Total	500721	512592	98462	111556	599183	624148

THIS YEAR FLUX PERFORMANCE 2018-19						
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-18	65064	72530	13835	22249	78899	94779
May-18	75105	88888	14282	13104	89387	101992
Jun-18	98203	88408	15773	22176	113976	110584
Jul-18	81536	80318	12834	20622	94370	100940
Aug-18	46162	48192	14831	26891	60993	75083
Sep-18	67847	80480	19986	12115	87833	92595
Total	433917	458816	91541	117157	525458	575973

Over Last Year

DIFF	-66804	-53776	-6921	5601	-73725	-48175
%Chg	-13.3	-10.5	-7.0	5.0	-12.3	-7.7

QUALITY ANALYSED AT PLANT

September 2018

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाईन्स

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	62.51	3.93	1.58	17.85	18.37	61.99	4.21	2.07	11.02	29.48		MTH ACT	28.35	19.25	4.15	6.43	10.15
CUM	2018-19	62.64	3.53	1.80	14.74	19.51	62.09	3.82	2.35	9.86	30.10	CUM	2018-19	29.47	19.86	4.88	4.69	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	2.97	1.76	16.72	20.52	61.95	4.27	2.15	5.43	34.75		MTH ACT	42.78	2.58	3.54	9.06	24.11
CUM	2018-19	62.67	3.29	2.03	14.18	21.23	61.81	4.13	2.49	5.25	35.30	CUM	2018-19	44.57	2.31	3.61	5.28	24.87
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	63.51	2.39	1.69	26.74	19.53	62.77	3.20	1.90	2.36	43.73
CUM	2018-19	62.82	3.13	1.95	16.43	20.36	62.49	3.44	2.22	2.83	41.31
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	63.03	3.01	1.78	23.63	15.71	61.79	3.91	2.63	6.24	33.63
CUM	2018-19	62.72	3.09	2.14	18.81	19.43	61.82	3.62	2.60	5.58	35.01
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						61.51	3.21	3.73	7.59	35.08
CUM	2018-19	62.70	2.38	3.35	17.58	19.29	62.05	3.04	3.42	7.20	34.10
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	63.96	1.92	1.94	8.33	14.13	63.74	2.13	1.89	5.48	30.00
CUM	2018-19	63.73	2.15	2.12	6.52	13.15	63.15	2.57	2.59	4.61	30.22
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	63.51	2.32	1.84	11.15	11.84	63.00	3.04	2.12	4.96	29.96
CUM	2018-19	63.95	2.14	1.94	11.00	12.10	63.25	2.49	2.39	4.52	30.08
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	62.51	3.59	1.98	11.50	14.40	61.57	3.67	3.13	5.40	30.12
CUM	2018-19	62.77	2.90	2.60	10.75	17.15	62.23	3.09	3.24	4.50	30.35
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

September 2018

दूगर्गापूर इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाईन्स

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						61.58	5.48	2.16	3.72	39.06		MTH ACT					
CUM	2018-19	62.80	2.60	2.00	17.60	4.20	61.68	4.96	1.85	2.47	41.31	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	62.15	3.25	1.80	22.70	18.32	64.18	2.70	1.59	1.80	56.01
CUM	2018-19	62.78	2.94	1.61	20.16	15.94	63.25	3.12	1.97	2.14	51.91
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	61.36	4.15	2.18	25.20	12.53	62.83	3.46	1.78	9.47	38.38
CUM	2018-19	62.27	3.00	1.84	20.37	15.85	62.61	3.02	2.42	5.28	42.06
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	62.26	3.90	2.52	13.60	20.30	62.01	3.41	2.70				MTH ACT					
CUM	2018-19	62.68	3.17	2.66	12.70	18.91	62.14	3.15	2.78	2.50	12.18	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	62.24	3.07	3.40	13.10	20.20	61.90	3.49	2.81				MTH ACT	49.70	2.10	3.40		
CUM	2018-19	62.55	3.12	2.91	11.59	20.23	62.09	3.20	2.79	7.75	34.00	CUM	2018-19	50.43	2.20	2.95		
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	62.09	3.48	3.12	13.00	22.30	61.76	3.72	2.73	7.20	
CUM	2018-19	62.46	3.18	2.99	10.79	22.04	61.82	3.44	2.92	3.24	15.88
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	63.67	2.18	2.23	13.10	16.90	62.94	2.29	2.36		
CUM	2018-19	63.60	2.37	2.13	10.41	16.37	63.03	2.35	1.98	3.89	21.47
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	63.55	2.05	2.50	18.00	16.50	62.90	2.55	2.30	8.00	38.00
CUM	2018-19	63.48	2.50	2.19	15.78	15.50	62.89	2.64	2.50	7.78	34.28
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	63.54	2.42	2.18	9.48	17.68					
CUM	2017-18	63.44	2.12	2.05	10.23	16.33					

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MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	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						63.70	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	61.01	4.30	3.63	6.21	43.14	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	62.41	3.75	2.06	24.21	0.99	63.68	2.98	1.94	4.07	49.48
CUM	2018-19	63.23	2.85	1.89	17.95	1.49	63.03	3.39	2.19	4.46	50.89
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	63.32	2.99	1.87	14.36	1.14	62.26	4.51	2.36	10.12	35.44
CUM	2018-19	63.05	3.05	2.02	19.06	1.00	61.76	3.65	3.31	8.30	41.26
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	63.04	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	NORM	30.0	18.0	5.0	5.0	10.0
	MTH ACT						62.41	5.65	1.62	11.00	41.27		MTH ACT					
CUM	2018-19						63.06	3.33	2.55	13.34	35.52	CUM	2018-19					
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						63.44	4.01	1.16	1.10	41.30		MTH ACT	50.40	1.80	3.80	11.00	16.67
CUM	2018-19						62.32	4.69	1.61	1.10	39.60	CUM	2018-19	49.93	2.22	3.89	8.88	15.29
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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.65	3.38	2.26	13.51	19.30	5.64	0.67	487930

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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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.14	3.48	2.56	9.46	31.33	6.04	0.74	1417032

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	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.66	3.12	2.50	13.31	20.13	5.62	0.80	538892

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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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	61.90	3.77	2.63	5.83	35.74	6.40	0.70	1290154

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	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.59	3.03	1.96	19.74	13.86	4.99	0.65	1026885

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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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.19	3.38	2.70	6.32	39.96	6.08	0.80	1651389

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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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.96	3.05	1.74	19.43	7.90	4.79	0.57	568149

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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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.11	3.26	2.12	3.51	50.49	5.38	0.65	1242814

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	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.71	2.28	2.04	12.97	13.09	4.32	0.90	176065

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	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.16	2.59	2.37	5.22	32.85	4.97	0.92	128173

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	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.69	2.24	2.13	7.68	14.27	4.37	0.95	417476

काल्टा

फाईन्स

	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.06	2.40	2.11	5.31	30.48	4.50	0.88	343465

बरसुआ

लम्प

	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.55	3.04	2.99	11.83	21.68	6.03	0.98	192352

बरसुआ

फाईन्स

	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	61.86	3.24	3.35	6.78	35.22	6.59	1.03	383627

तल्डीह

लम्प

	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.38	2.51	2.30	9.63	17.49	4.81	0.92	155275

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

गुणवत्ता :: बोकारो
BLEND

	लम्प							
	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.03	2.90	2.06	13.61	17.73	4.96	0.71	1200494

गुणवत्ता:: दूर्गापूर
BLEND

	लम्प							
	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.41	2.98	1.81	20.62	15.58	4.79	0.61	718446

गुणवत्ता :: बोकारो
BLEND

	फाईन्स							
	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.06	3.62	2.62	6.45	33.40	6.25	0.72	2149162

गुणवत्ता:: दूर्गापूर
BLEND

	फाईन्स							
	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.82	3.11	2.23	3.99	45.74	5.35	0.72	1347088

गुणवत्ता :: राउरकेला
BLEND

लम्प

	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.90	2.91	2.61	11.56	19.04	5.53	0.90	1096843

गुणवत्ता :: बर्नपुर इस्पात संयंत्र

लम्प

BLEND

	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.17	2.92	1.94	18.69	1.31	4.86	0.66	547241

गुणवत्ता :: राउरकेला
BLEND

फाईन्स

	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.26	3.05	2.66			5.72	0.87	1739213

गुणवत्ता :: बर्नपुर इस्पात संयंत्र

फाईन्स

BLEND

	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								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.42	3.54	2.71	6.09	46.69	6.25	0.77	1239368

गुणवत्ता :: बोकारो इस्पात संयंत्र
भवनाथपुर BF LST

	CaO	MgO	SiO ₂	OS	US
Act 17-18					
APP 18-19	43.00	5.00	6.50	15.00	10.00
Apr-18					
May-18					
Jun-18					
Jul-18					
Aug-18					
Sep-18					
Oct-18					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML					

गुणवत्ता :: बोकारो
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					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	29.47	19.86	4.88	4.69	9.04

गुणवत्ता :: बोकारो इस्पात संयंत्र
कुटेश्वर BF LST

	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					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	44.57	2.31	3.61	5.28	24.87

गुणवत्ता :: भिलाई
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					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	49.93	2.22	3.89	8.88	15.29

PROJ. NO.	CUMM. UTILIS UPTO SEPT'18	MAKE / TYPE	CAP	DATE OF COMMISSION	SEPTEMBER 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	23768	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	600	14	377	586	209	97.67	35.67	34.83	5.15	55.74	3660	101	2029	3559	1530	97.2	43.0	41.8	5.03	56.99
EX-22	12351	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	600	24	348	576	228	96.00	39.58	38.00	6.36	70.18	3660	455	1592	3205	1613	87.6	50.3	44.1	4.99	66.81
EX-23	13007	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	600	35	254	565	311	94.17	55.04	51.83	5.21	66.08	3660	81	1510	3579	2069	97.8	57.8	56.5	4.97	57.61
*EX-19 shifted to MIOM during July 16				TOTAL	1800	73	979	1727	748	95.94	43.31	41.56	5.54	64.44	10980	637	5131	10343	5212	94.2	50.4	47.5	5.00	60.28
DUMPERS																								
DUM 88	28007	KOMATSU HD785-7	100 Te	23-Jul-10	600	431	52	169	117	28.17	69.23	19.50	3.23	46.58	3660	2581	369	1079	710	29.5	65.8	19.4	2.99	58.31
DUM 89	32205	KOMATSU HD785-7	100Te	23-Jul-10	600	63	235	537	302	89.50	56.24	50.33	3.69	51.99	3660	694	1103	2966	1863	81.0	62.8	50.9	3.48	46.35
DUM-91	18341	CAT 777D	100T	2-Feb-12	600	330	152	270	118	45.00	43.70	19.67	3.56	56.36	3660	500	1957	3160	1203	86.3	38.1	32.9	3.43	48.79
DUM-92	20247	CAT 777D	100T	2-Feb-12	600	373	24	227	203	37.83	89.43	33.83	3.49	41.13	3660	928	1681	2732	1051	74.6	38.5	28.7	3.41	40.44
DUM-93	6434	BEML BH-100	100T	2-May-15	600	251	225	349	124	58.17	35.53	20.67	3.40	47.98	3660	1676	1370	1984	614	54.2	30.9	16.8	3.56	48.29
DUM-94	5603	BEML BH-100	100T	2-May-15	600	11	409	589	180	98.17	30.56	30.00	3.58	48.06	3660	497	1921	3163	1242	86.4	39.3	33.9	3.16	49.99
DUM-95	4301	BEML BH-100S	100T	May 2016	600	21	471	579	108	96.50	18.65	18.00	4.29	56.02	3660	325	2552	3335	783	91.1	23.5	21.4	4.39	51.74
				TOTAL	4200	1480	1568	2720	1152	64.76	42.35	27.43	3.60	49.31	25620	7201	10953	18419	7466	71.9	40.5	29.1	3.47	48.38
DRILL																								
DM-17	22332	IR-ROTACOL-IDM-30	160mm	24-Mar-05	480	227	136	253	117	52.71	46.25	24.38	9.14	35.47	2928	1607	923	1321	398	45.1	30.1	13.6	2.84	41.21
DM-18	25362	AC-ROTACOL-IDM-30	160mm	19-May-08	480	373	64	107	43	22.29	40.19	8.96	10.07	46.51	2928	1122	991	1806	815	61.7	45.1	27.8	5.82	24.54
DM-19	18828	AC-ROTACOL-IDM-30	160mm	14-Oct-09	480	480		0	0	0.00	0.00	0.00	0.00	0.00	2928	2928	0	0	0	0.0	0.0	0.0	0.00	0.00
DM-20	9189	AC-ROTACOL-IDM-30	160mm	Oct '14	480	281	93	199	107	41.46	53.52	22.19	9.20	25.35	2928	443	1035	2485	1451	84.9	58.4	49.5	2.51	22.13
				TOTAL	1920	1361	293	559	267	29.11	47.67	13.88	9.31	33.21	11712	6100	2949	5612	2664	47.9	47.5	22.7	3.57	25.72
DOZER																								
DOZ-27	33570	BEML, D-355	410HP	15-May-01	480	480		0	0	0.00	0.00	0.00		0.00	2928	2928	0	0	0	0.0	0.0	0.0		0.00
DOZ-28	26355	BEML, D-355	410HP	14-May-04	480	235	190	245	56	51.04	22.65	11.56		20.72	2928	1679	960	1249	290	42.7	23.2	9.9		32.95
DOZ-29	18180	BEML, D-355	410HP	11-Jun-04	480	480		0	0	0.00	0.00	0.00		0.00	2928	2928	0	0	0	0.0	0.0	0.0		0.00
DOZ-30	21377	BEML, D-355	410HP	8-Jul-07	480	53	389	427	38	88.96	8.90	7.92		39.47	2928	247	2306	2681	375	91.6	14.0	12.8		43.31
DOZ-31	19332	BEML, D-355	410 HP	19-Feb-09	480	49	290	431	142	89.79	32.83	29.48		30.74	2928	1098	1295	1830	536	62.5	29.3	18.3		31.76
DOZ-32	6087	BEML, D-355	410 HP	17-Apr-15	480	291	122	189	67	39.38	35.45	13.96		32.84	2928	1817	690	1111	421	37.9	37.9	14.4		41.05
DOZ-33	2964	BEML, D-356	410HP	22-Sep-17	480		260	480	220	100.00	45.83	45.83		38.41	2928	29	1180	2899	1719	99.0	59.3	58.7		33.30
				TOTAL	3360	1588	1250	1772	522	52.74	29.46	15.54		17.62	17568	10726	5250	6842	1592	38.9	23.3	9.1		37.73
PAY LOADER																								
FEL-4	11187	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	240	20	123	220	98	91.67	44.32	40.63		23.59	1464	91	706	1373	668	93.8	48.6	45.6		16.03
MG-6	40	BEML, GD-605R2	145 HP	9-Oct-87	240	80	120	160	40	66.67	25.00	16.67		40.00	240	80	120	160	40	66.7	25.0	16.7		40.00
MG-7	6322	BEML, BG 825	280HP	10-Jul-91	240	240		0	0	0.00	0.00	0.00		0.00	1464	1464	0	0	0	0.0	0.0	0.0		0.00
MG-8	2986	BEML, BG825	280HP	19-May-12	240	240		0	0	0.00	0.00	0.00		0.00	1464	1249	119	215	96	14.7	44.7	6.6		38.02
				TOTAL	720	560	120	160	40	22.22	25.00	5.56		40.00	3168	2793	239	375	136	11.8	36.3	4.3		38.60
DUM-79(WT/79)	30179	BEML,210M	50Te	25-Aug-03	600	600		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	20275	BEML, WS-28-2	28KL	21-Mar-05	600	58	511	542	31	90.33	5.72	5.17		43.55	3660	789	2436	2871	435	78.4	15.2	11.9		35.10
WT-90	12675	BEML, WS-28-2	28KL	Mar '11	600	600		0	0	0.00	0.00	0.00		0.00	3660	2725	633	935	302	25.5	32.3	8.3		14.50
				TOTAL	1800	1258	511	542	31	30.11	5.72	1.72		43.55	7920	4114	3069	3806	737	48.1	19.4	9.3		26.66

MEGHAHATUBURU IRON ORE MINES

PROJ. NO.	CUMM. UTILIS. UPTO Sept'18	MAKE / TYPE	CAPACITY	DATE OF COMM	SEPTEMBER 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	36394	BEML	4.5 CUM	30-09-2005	720	403	220	318	98	44	14	31	2	25	4392	3357	732	1036	304	23.58	6.92	29.36	3.0	23	
EXCAVATORS 9.5 CUM.																									
PC-14	29619	KOMATSU	9.5 CUM	20-01-2012	720	127	223	594	371	82	52	63	12	79	4392	1885	1001	2507	1506	57.08	34.29	60.07	11.2	77	
PC-17	14060	KOMATSU	9.5 CUM	24-07-2015	720	370	157	351	194	49	27	55	11	70	4392	1176	1223	3217	1994	73.24	45.40	61.99	12.3	77	
PC-18	27667	KOMATSU	9.5 CUM	11-07-2016	720	227	182	494	312	69	43	63	10	84	4392	1135	1210	3257	2047	74.16	46.61	62.85	11.5	80	
			9.5 CUM	TOTAL	2160	723	561	1438	877	67	41	61	11	79	13176	4196	3434	8981	5547	68.16	42.10	61.77	11.7	78	
DUMPER,50 TE																									
D - 49	27992	BEML	50 TON	05-03-2007	720	720						-	-	-	4392	1847	2156	2545	389	57.95	8.86	15.28	2.2	24	
D - 50	23971	BEML	50 TON	15-04-2007	720	720						-	-	-	4392	4362	14	30	16	0.68	0.36	53.33	1.0	19	
			50 TON	TOTAL	1440	1440						-	-	-	8784	6209	2170	2575	405	29.31	4.61	15.73	2.1	24	
DUMPER,100 TE																									
D - 51	27526	KOMATSU	100 TON	01-09-2010	720	720						-	-	-	4392	1541	946	2851	1905	64.91	43.37	66.82	3.6	34	
D - 52	29014	KOMATSU	100 TON	01-09-2010	720	720						-	-	-	4392	1642	841	2750	1909	62.61	43.47	69.42	3.5	34	
D - 53	27383	KOMATSU	100 TON	01-09-2010	720	159	217	561	344	78	48	61	4	40	4392	3514	300	878	578	19.99	13.16	65.83	3.4	38	
D - 54	14887	CATER	100 TON	06-02-2012	720	295	211	425	214	59	30	50	4	37	4392	2404	1355	1989	634	45.28	14.44	31.88	3.4	36	
D - 55	17134	CATER	100 TON	06-02-2012	720	354	182	366	184	51	26	50	4	43	4392	1404	2076	2989	913	68.04	20.79	30.55	3.5	37	
D - 56	6312	BEML	100 TON	09-05-2016	720	276	205	444	239	62	33	54	4	42	4392	1276	1365	3116	1751	70.95	39.87	56.19		37	
D - 57	6420	BEML	100 TON	09-05-2016	720	129	273	592	319	82	44	54	4	47	4392	1368	1449	3024	1575	68.85	35.86	52.08		38	
			100 TON	TOTAL	5040	2653	1088	2388	1300	47	26	54	4	42	30744	13148	8331	17596	9265	57.23	30.14	52.65	3.5	36	
DRILL																									
DM - 7	23477	IR	6 " DIA	01-04-2005	360	360						-	-	-	2196	1621	344	575	232	26.18	10.54	40.26	6.4	34	
DM - 8	20409	IR	6 " DIA	05-05-2008	360	255	11	105	94	29	26	90	4	34	2196	1187	201	1009	808	45.95	36.79	80.08	12.9	35	
DM - 9	18997	IR	6 " DIA	16-09-2009	360	77	46	283	238	79	66	84	15	33	2196	1244	269	953	684	43.37	31.15	71.81	13.9	35	
DM - 10	11025	IR	6 " DIA	06-11-2014	360	95	37	265	229	74	63	86	15	33	2196	322	321	1875	1554	85.36	70.77	82.90	16.8	31	
			TOTAL		1440	787	93	653	560	45	39	86	13	33	8784	4373	1134	4411	3278	50	37	74	14.5	33	
DOZER																									
DOZ-23	21241	BEML	410 HP	02-10-2008	720	295	195	425	230	59	32	54		27	4392	1608	1562	2784	1223	63.39	27.83	43.91		25	
DOZ-24	17311	BEML	410 HP	06-04-2010	720	331	193	389	196	54	27	50		25	4392	1518	1718	2874	1156	65.44	26.32	40.22		24	
DOZ-25	7803	BEML	410 HP	28-12-2010	720	399	143	321	178	45	25	55		26	4392	3852	281	540	260	12.30	5.91	48.06		25	
DOZ-26	16155	BEML	410 HP	16-05-2011	720	350	180	370	191	51	26	51		26	4392	2088	1415	2304	890	52.46	20.25	38.61		25	
DOZ-27	9218	BEML	410 HP	28-04-2015	720	708	4	12	8	2	1	67		25	4392	2947	708	1446	738	32.91	16.80	51.05		24	
DOZ-28	1727	BEML	410HP	31-03-2018	720	228	222	492	270	68	38	55		25	4392	935	1731	3458	1727	78.72	39.32	49.95		26	
			TOTAL		4320	2311	937	2009	1073	47	25	53		26	26352	12947	7413	13405	5993	50.87	22.74	44.70		25	
BACK HOE																									
BE-12A	21255	BEML	1.2 CUM	Nov'08	720	720						-	-	-	4392	2459	1155	1934	779	44.02	17.74	40.29		22	
HT-15	17425	TCECL	1.5 CUM	03-10-2012	720	246	233	475	242	66	34	51		23	4392	1701	1326	2692	1366	61.28	31.09	50.73	0.3	23	
HT-16	10870	TCECL	1.5 CUM	01-12-2014	720	207	239	514	275	71	38	54		22	4392	1777	1384	2615	1232	59.54	28.04	47.09	0.2	23	
			TOTAL		2160	1172	471	988	517	46	24	52		23	13176	5936	3864	7240	3376	54.95	25.62	46.63	0.2	23	
WATER TANKER																									
WT - 05	18542	BEML	28 KL	15.02.07	720	720						-	-	-	4392	4322	39	70	31	1.59	0.71	44.29		24	
WT - 06	10577.5	BEML	28 KL	17-08-2012	720	94	535	626	91	87	13	15	1	20	4392	1957	1960	2435	476	55.44	10.83	19.53	0.6	23	
WT - 45	31037	BEML	MODIFIED	29-09-2004	720	720						-	-	-	4392	1434	2336	2958	622	67.35	14.16	21.03	0.6	24	
			TOTAL		2160	1534	535	626	91	29	4	15	1	20	13176	7713	4335	5463	1129	41.46	8.56	20.66	0.6	24	
MOTOR GRADER																									
MG-5	3832	BEML		01-03-2011	240	240						-	-	-	1464	1254	189	210	21	14.34	1.43	10.00		21	
MG-6	2016.5	BEML		09-05-2016	240	37	123	204	81	85	34	40			1464	340	748	1125	377	76.81	25.72	33.48		24	
			TOTAL		480	277	123	204	81	42	17	40		22	2928	1594	937	1335	398	45.58	13.58	29.79		24	

PERFORMANCE REPORT OF HEMM



BOLANI MINES

PROJ. NO.	CUMM. UTILIS. UPTO Sept '18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	SEPTEMBER 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%	FEED RATE	HSD/ HR
EXCAVATORS																								
EX-25	33594	BEML PC-1000(D)	4.5 CuM	21-Jun-04	720	719		1	1	0.1	100.0	0.1			4392	2225	1920	2167	248	49.34	11.42	5.64		51.74
EX-26	30669	BEML PC-1000(D)	4.5 CuM	24-Jun-05	720		693	720	27	100	3.8	3.8		68.59	4392	422	3610	3970	360	90.39	9.07	8.20		52.29
				SUB TOTAL	1440	719	693	721	28	50.1	3.9	1.9		66.14	8784	2647	5530	6137	608	69.87	9.90	6.92		52.07
EX-28	15234	BE-1600	7.5 Cu.m	22-Jun-10	720	91	557	629	72	87.4	11.4	10.0	0.19	93.06	4392	3015	1228	1378	150	31.36	10.85	3.40	0.16	74.38
EX-29	24513	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	720	27	459	693	234	96.3	33.8	32.5	4.91	81.24	4392	1132	2351	3260	909	74.23	27.88	20.69	4.32	75.44
EX-30	12730	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	720	18	384	702	318	97.5	45.3	44.2	5.56	77.75	4392	190	2308	4202	1895	95.68	45.09	43.14	6.84	73.73
EX-31	11454	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	720	151	327	569	242	79.0	42.5	33.6	4.76	80.99	4392	398	2169	3994	1825	90.95	45.69	41.55	5.71	76.40
				SUB TOTAL	2880	287	1727	2593	866	90.0	33.4	30.1	4.48	80.87	17568	4734	8056	12834	4778	73.06	37.23	27.20	5.72	75.10
				TOTAL	4320	1006	2420	3314	894	76.7	27.0	20.7	4.57	80.41	26352	7381	13586	18971	5386	71.99	28.39	20.44	5.07	72.50
DUMPER,50 TE																								
HP-27	19667	BEML HP-210M	50 T	09-Sep-03	600	600									4272	3763	406	510	104	11.93	20.31	2.42		21.50
HP-30	17481	C.I.773D(I)	50 T	01-Mar-06	720		706	720	14	100.0	1.9	1.9		21.43	4392	1614	2612	2778	166	63.25	5.98	3.78		23.63
HP-32	23231	BEML BH-50M	50 T	06-Mar-08	624		624	624		100.0					4296	2381	1779	1915	137	44.58	7.13	3.18		44.26
				TOTAL	1944	600	1330	1344	14	69.1	1.94	1.94		21.43	12960	7758	4797	5203	406	119.75	33.42	9.38		30.02
DUMPER,100 TE																								
HP-32A	27991	KOMATSU HD785-7	100 T	22-Jun-10	720	221	267	499	232	69.3	46.5	32.2	3.17	35.99	4392	1350	1525	3042	1516	69.26	49.85	34.53	3.08	37.39
HP-34	26579	KOMATSU HD785-7	100 T	22-Jun-10	720	486	124	234	110	32.5	47.0	15.3	3.21	46.95	4392	3045	772	1347	575	30.66	42.71	13.10	3.00	37.73
HP-35	15443	BEML BH-100	100 T	22-Jun-10	720	402	278	318	40	44.2	12.6	5.6	3.48	58.00	4392	2675	1632	1717	86	39.09	4.98	1.95	2.42	46.25
HP-36	11643	BEML BH-100	100 T	22-Jun-10	720	267	432	453	21	62.9	4.6	2.9	2.86	35.71	4392	1704	2497	2688	191	61.20	7.11	4.35	2.75	43.01
HP-37	18321	CAT 777D	100 T	25-Jan-12	720	720									4392	2076	1345	2316	971	52.73	41.93	22.11	3.13	37.00
HP-38	7665	BEML BH-100S	100 T	03-May-16	720	34	394	686	292	95.3	42.6	40.6	3.12	37.89	4392	516	2622	3876	1255	88.26	32.37	28.57	2.99	36.53
HP-39	7455	BEML BH-100S	100 T	03-May-16	720	68	326	652	326	90.6	50.0	45.3	3.57	36.20	4392	459	2377	3933	1556	89.55	39.55	35.42	3.31	37.15
HP-40	7262	BEML BH-100S	100 T	03-May-16	720	160	342	560	218	77.8	38.9	30.3	3.30	44.01	4392	434	2508	3959	1450	90.13	36.63	33.02	3.05	38.46
				TOTAL	5760	2358	2163	3402	1239	59.1	36.4	21.5	3.29	39.58	35136	12259	15278	22877	7599	65.11	33.22	21.63	3.09	37.62
DRILL																								
DM-11	16381	AC-ROTACOL-IDM-30	160mm	14-Feb-08	480	79	292	401	109	83.5	27.2	22.7	11.49	28.27	2928	399	1669	2529	860	86.37	33.99	29.36	10.87	31.26
DM-12	17196	AC-ROTACOL-IDM-30	160mm	12-Aug-09	480	480									2928	1996	388	932	544	31.82	58.42	18.59		0.83
DM-12A	15680	AC-ROTACOL-IDM-30	160mm	22-Mar-11	480	121	189	359	170	74.8	47.4	35.4	8.73	45.71	2928	412	1620	2516	896	85.92	35.62	30.60	10.59	40.11
DM-14	8532	AC-ROTACOL-IDM-30	160mm	19-Nov-14	496	63	240	433	193	87.3	44.6	38.9	9.16	37.95	2944	554	1243	2391	1147	81.20	47.99	38.96	9.82	34.49
				TOTAL	1936	743	721	1193	472	61.6	39.6	24.4	9.54	38.51	11728	3361	4920	8367	3447	71.34	41.20	29.39	8.73	29.83
DOZER																								
DOZ-22	15223	BEML BD355	410 HP	06-Jul-07	480	119	244	361	117	75.2	32.4	24.4		41.20	2968	477	1467	2492	1025	83.95	41.13	34.53		32.46
DOZ-23	11276	BEML BD355	410 HP	27-Aug-08	480	16	359	464	105	96.7	22.6	21.9		31.57	2944	437	1818	2507	689	85.16	27.48	23.40		41.70
DOZ-24	12727	BEML BD355	410 HP	09-Mar-10	720	50	462	670	208	93.1	31.0	28.9		10.37	4368	635	2765	3733	968	85.46	25.93	22.16		19.80
DOZ-25	10853	BEML BD355	410 HP	09-Mar-10	480	230	189	250	61	52.1	24.4	12.7		49.02	2968	1480	986	1488	502	50.13	33.74	16.91		38.86
DOZ-26	7698	BEML BD355	410 HP	03-May-14	488		454	488	34	100.0	7.0	7.0		41.76	3000	618	1862	2382	520	79.40	21.82	17.33		56.03
DOZ-27	5954	BEML BD355	410 HP	03-May-14	480	148	277	332	55	69.2	16.6	11.5		43.64	2968	1996	796	973	177	32.77	18.18	5.96		34.27
DOZ-28	5314	BEML BD356	410 HP	26-Apr-16	720	46	467	674	207	93.6	30.7	28.8		23.79	4392	469	2807	3923	1116	89.31	28.45	25.41		23.61
				TOTAL	4264	1025	2452	3239	787	76.0	24.3	18.5		27.99	26504	9008	12500	17496	4996	66.01	28.56	18.85		32.46
PAY LOADER																								
PL-20	13766	Kawasaki, 90Ziv-2	256 HP	26-Aug-09	720	539	54	181	127	25.1	70.2	17.6		21.13	4392	3383	636	1009	373	22.97	36.97	8.49		21.35
PL-22	10579	Hyundai-hi770-7A	280 HP	26-May-10	720	696	18	24	6	3.3	25.0	0.8		25.50	4392	4288	98	104	6	2.37	5.77	0.14		65.50
PL-23	8454	Kawasaki, 90ZV	257 HP	07-Oct-15	720	405	224	315	91	43.8	28.9	12.6		23.30	4392	779	2367	3614	1247	82.27	34.50	28.38		21.20
				TOTAL	2160	1640	296	520	224	24.1	43.1	10.4		22.13	13176	8450	3101	4727	1626	35.87	34.39	12.34		21.40
MOTOR GRADER																								
MG-6	3973	BEML BG 825	280 HP	04-Aug-08	480		480	480		100.0					2928	2032	892	896	4	30.60	0.45	0.14		
MG-7	3858	BEML BG 825	280 HP	04-May-12	480	27	402	453	51	94.4	11.3	10.6		85.35	2928	78	2426	2850	424	97.34	14.89	14.49		48.92
				TOTAL	960	27	882	933	51	97.2	5.5	5.3		85.35	5856	2110	3318	3746	428	63.97	11.43	7.31		48.46
WATER SPRINKLER																								
WS-3	20144	BEML WS 28-2	28KL	12-Jan-05	720		720	720		100.0					4392	1272	3112	3120	9	71.04	0.27	0.19		65.88
WS-4	13134	BEML WS 28-2	28KL	31-Mar-10	720		720	720		100.0					4392	189	4076	4203	128	95.70	3.04	2.91		8.06
WS-5	8267	BEML WS 28-2	28KL	07-May-15	720	5	554	715	161	99.3	22.5	22.4		16.46	4392	62	3069	4330	1262	98.59	29.13	28.72		12.13
WS-3 Utilised at MIOM during Jan '17					TOTAL	2160	5	1994	2155	161	99.8	7.5	7.5	16.46	13176	1523	10256	11654	1398	88.44	11.99	10.61		12.00

BARSUA MINES



SAIL-RMD

PROJ. NO.	CUMM. UTILIS. UPTO Sept '18	MAKE / TYPE	CAP	DATE OF COMMISSION	SEPTEMBER 2018										2018-19									
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD IN LTR	HSD/HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP

EXCAVATORS

EX-20	25384	BEML, BE-1000	4.5 CuM	Mar-04	624	114	414	510	96	81.73	18.82	15	5.66	4032	42.00	3080	346	2365	2734	369	88.77	13.50	11.98	2239	6.07	48.60	
EX-21	17820	TELCON, 1200V-1018	5.9 CuM	28-May-07	624	77	471	547	76	87.66	13.89	12	3.09	4152	54.63	3088	356	2377	2732	355	88.47	12.99	11.50	1968	5.54	62.12	
EX-22	18732	BEML, BE-1000	4.5 CuM	22-Dec-08	624	446	142	178	36	28.53	20.22	6	4.61	1833	50.92	2040	676	1029	1364	335	66.86	24.56	16.42	688	2.05	42.64	
EX-24	11852	BEML, BE-1600	7.5CuM	04-Aug-11	624	110	224	514	290	82.37	56.42	46	7.19	18708	64.51	3080	469	1743	2612	869	84.79	33.26	28.20	5452	6.28	63.62	
EX-27	883	BEML, BE-1000-1	4.5 CuM	19-Dec-17	624	189	316	435	119	69.71	27.36	19	6.16	6916	58.12	3072	439	1843	2633	790	85.71	30.00	25.72	5175	6.55	53.11	
* EX 22 & 23 are being utilised at Taldih, EX-24 Engine sent to GOM					TOTAL	3328	1144	1567	2184	617	65.63	28.25	18.54	6.10	35641	57.76	15904	3830	9357	12075	2718	75.92	22.51	17.09	15521	5.71	40.30

DUMPER, 50 TE

HPD-87	26723	BEML,210M	50T	Apr-2000	624	97	395	527	132	84.46	25.05	21.15	2.42	4663	35.33	3080	567	2093	2513	420	81.59	16.71	13.64	1049	2.50	38.82
HPD-90	16410	BEML,210M	50T	APR'05	624	19	598	605	7	96.96	1.16	1.12	0.00	220	31.43	3264	568	2689	2696	7	82.60	0.26	0.21	0	0.00	62.86
BH-94	22357	BH-50 M	50T	22-Dec-08				0	0	0.00	0.00	0.00	0.00		0.00	1664	872	626	792	166	47.60	20.96	9.98	108	0.65	35.54
BH-95	30233	BH-50 M	50T	6-Feb-09	624	184	309	440	131	70.51	29.77	20.99	2.29	4616	35.24	3248	765	1386	2483	1097	76.45	44.18	33.77	2719	2.48	30.38
BH-96	25399	BH-50 M	50T	20-Aug-09	624	130	256	494	238	79.17	48.18	38.14	2.66	7777	32.68	3080	1666	911	1414	503	45.91	35.57	16.33	1231	2.45	31.83
BH-99 (@ MIOM-13609)	8951	BH-50 M	50T	20-Feb-14	624	603	12	21	9	3.37	42.86	1.44	2.67	200	22.22	3304	1423	1294	1881	587	56.93	31.21	17.77	1265	2.16	30.00
* BH-95, 96 & 99 are being utilised at Taldih				TOTAL	3120	1033	1570	2087	517	66.89	24.77	16.57	2.47	17476	33.80	17640	5861	8999	11779	2780	66.77	23.60	15.76	6372	2.29	32.23

DUMPER, 60 TE

HPD-101	1835	BEML, BH-60	60 T	16-Nov-17	624	76	128	548	420	87.82	76.64	67.31	2.45	14952	35.60	3080	417	927	2663	1736	86.46	65.19	56.36	4502	2.59	33.85
HPD-102	1818	BEML, BH-60	60 T	23-Nov-17	624	49	142	575	433	92.15	75.30	69.39	2.40	16487	38.08	3080	352	984	2728	1744	88.57	63.93	56.62	4401	2.52	37.40
				TOTAL	1248	125	270	1123	853	89.98	75.96	68.35	2.42	31439	36.86	6160	769	1911	5391	3480	87.52	64.55	56.49	8903	2.56	35.63

DUMPER, 100 TE

BH-97	8856	BEML,BH-100	100 T	4-Aug-11	416	141	137	275	138	66.11	50.18	33.17	1.94	6744	48.87	2168	323	1582	1845	263	85.10	14.25	12.13	562	2.14	55.68
BH-98	8060	BEML,BH-100	100 T	04-Aug-11	416	38	303	378	75	90.87	19.84	18.03	2.01	4213	56.17	2168	217	1810	1951	141	89.99	7.23	6.50	321	2.28	61.30
				TOTAL	832	179	440	653	213	78.49	32.62	25.60	1.97	10957	51.44	4336	540	3392	3796	404	87.55	10.64	9.32	883	2.19	57.64

DRILL

DM-7	23584	AC - IDM-30	160mm	29-Jan-98	416	3	400	413	13	99.28	3.15	3.13	10.62	1453	111.77	2168	462	1547	1706	159	78.69	9.32	7.33	2046	12.87	39.64
DM-9	9547	AC - IDM-30	160mm	30-Sep-09	416	5	391	411	20	98.80	4.87	4.81	15.15	900	45.00	2168	381	1621	1787	166	82.43	9.29	7.66	2360	14.22	50.90
DM-10	4736	AC - IDM-30	160mm	15-Jan-15	416	29	362	387	25	93.03	6.46	6.01	12.80	2050	82.00	1888	79	1637	1809	172	95.82	9.51	9.11	694	4.03	43.02
* DM-10 is being utilised at Taldih				TOTAL	1248	37	1153	1211	58	97.04	4.79	4.65	13.12	4403	75.91	6224	922	4805	5302	497	85.19	9.37	7.99	5100	10.26	44.57

DOZER

TR-37	14111	BEML, D-155A	320 HP	22-Jun-07	624	45	504	579	75	92.79	12.95	12.02		3100	41.33	4008	929	2702	3079	377	76.82	12.24	9.41			40.93
TR-38	15468	BEML, D-355	410 HP	16-Feb-10	624	176	380	448	68	71.79	15.18	10.90		2428	35.71	2016	321	1316	1695	379	84.08	22.36	18.80			35.69
TR-39	10021	BEML, D-355	410 HP	10-Apr-12	624	182	377	442	65	70.83	14.71	10.42		2169	33.37	3392	292	2692	3100	408	91.39	13.16	12.03			33.88
TR-40	6957	BEML, D-355	410 HP	6-May-14	624	67	486	557	71	89.26	12.75	11.38		3231	45.51	3080	253	2567	2827	260	91.79	9.20	8.44			58.58
* TR-38 is being utilised at Taldih				TOTAL	3120	892	1949	2228	279	71.41	12.52	8.94		10928	39.17	16480	3555	11497	12925	1428	78.43	11.05	8.67			40.63

PAY LOADER

FEL-6	9242	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	416	19	371	397	26	95.43	6.55	6.25		505	19.42	2712	63	2508	2649	141	97.68	5.32	5.20			28.65
FEL-7	6492	HYUNDAI	280 HP	27-Aug-11	416	416		0	0	0.00	0.00	0.00			0.00	3448	770	2593	2678	85	77.67	3.17	2.47			24.45
				TOTAL	832	435	371	397	26	47.72	6.55	3.13		505	19.42	6160	833	5101	5327	226	86.48	4.24	3.67			27.07

MOTOR GRADER

MG-6	7011	BEML BG 825	280HP	14-Sep-02			0	0	0	0.00	0.00	0.00		0	0.00	1864	486	1152	1378	226	73.93	16.40	12.12			11.42
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WATER SPRINKLER

WS-91	14355	HM / WS-28	28KL	Nov-06				0	0	0.00	0.00	0.00			0.00	2424	49	2359	2375	16	97.98	0.67	0.66			48.75
WS-100	3151	BEML / WS-28-2	28KL	29-Apr-15				0	0	0.00	0.00	0.00			0.00	2408	135	2129	2273	144	94.39	6.34	5.98			31.53
					TOTAL	0	0	0	0	0.00	0.00	0.00		0	0.00	4832	184	4488	4648	160	96.19	3.44	3.31			33.25

GUA ORE MINES

					SEPTEMBER 2018										2018-2019										
EQUIPMENTS	UTILIS. UPTO Sept'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	SCH. HRS.	DOW N 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	9791	BE 1600	7.5 CuM	16-Feb-11	720	102	446	618	172	85.83	27.83	23.89	5.68		3672	1219	1624	2453	829	66.80	33.80	22.58	4.10	53.31	
D-12A	18064	BE 1000(D)	4.5 CuM	27-Apr-08	720	720					-				3672	3641	21	31	10	0.84	32.26	0.27	6.40	60.00	
D-14	23135	KOMATSU	9.5 CuM	06-Apr-12	720	138	356	582	226	80.83	38.83	31.39	3.73		3672	470	1625	3202	1577	87.20	49.25	42.95	5.53	80.86	
D-15	16743	KOMATSU	9.5 CuM	31-Aug-15	720	110	145	610	465	84.72	76.23	64.58	6.00		3672	775	932	2897	1965	78.89	67.83	53.51	5.78	81.09	
TOTAL					2880	1070	947	1810	863	62.85	47.68	29.97	5.34	69.44	14688	6105	4202	8583	4381	58.44	51.04	29.83	5.38	75.70	
DUMPER,50 TE[3]																									
R/D-85	18553	BEML-BH-50M	50 Te	Mar- 08	720	720					-				4392	4392									
R/D-86	19865	BEML-BH-50M	50Te	Sep-08	720	720					-				4392	2659	1705	1733	28	39.46	1.62	0.64		21.43	
R/D-87	17443	BEML-BH-50M	50Te	Dec-08	720	720					-				4392	2978	1403	1414	11	32.19	0.78	0.25		68.18	
TOTAL					2160	2160					-				13176	10029	3108	3147	39	23.88	1.24	0.30		34.62	
DUMPER,100 TE[6]																									
R/D-88	23684	KOMAT.HD785-7	100 T	10-Sep-10	720	720					-				4392	3587	157	805	648	18.33	80.50	14.75	2.81	57.58	
R/D-89	25398	KOMAT.HD785-7	100 T	10-Sep-10	720	113	88	607	519	84.31	85.50	72.08	2.71	46.33	4392	760	674	3632	2958	82.70	81.44	67.35	2.55	48.54	
R/D-90	17098	CAT 777D	100 T	25-Jan-12	720	172	252	548	296	76.11	54.01	41.11	2.59	45.87	4392	2690	981	1702	721	38.75	42.36	16.42	3.26	49.01	
R/D-91	14012	CAT 777D	100 T	25-Jan-12	720	77	258	643	385	89.31	59.88	53.47	3.92	50.64	4392	675	1683	3717	2034	84.63	54.72	46.31	3.73	51.28	
R/D-92	9390	BEML- BH 100	100 T	27-May-15	720	559	60	161	101	22.36	62.73	14.03	2.64	45.84	4392	2026	1078	2366	1288	53.87	54.44	29.33	2.30	54.80	
R/D-93	7751	BEML - BH 100	100 T	10-Jun-15	720	482	78	238	160	33.06	67.23	22.22	4.11	55.97	4392	1463	942	2929	1987	66.69	67.84	45.24	2.90	52.24	
TOTAL					4320	2123	736	2197	1461	50.86	66.50	33.82	3.15	48.39	26352	11201	5515	15151	9636	57.49	63.60	36.57	2.91	51.36	
DRILL[4]																									
DM-10	15706	IR-ROTACOL-IDM-30	160mm	Feb- 04	480	367	57	113	56	23.54	49.56	11.67	6.43	5.00	2928	1157	1209	1771	562	60.48	31.73	19.19	11.42	35.63	
DM-12A	8325	AC-ROTACOL-IDM-30	160mm	Sep-08	480	180	158	300	142	62.50	47.33	29.58	10.51	40.14	2928	884	1031	2044	1013	69.81	49.56	34.60	13.75	34.68	
DM-14	13582	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	480	480					-				2928	2928									
DM-15	5839	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	480	92	222	388	166	80.83	42.78	34.58	11.83	38.25	2928	1425	825	1503	678	51.33	45.11	23.16	13.75	39.15	
TOTAL					1920	1119	437	801	364	41.72	45.44	18.96	10.48	33.87	11712	6394	3065	5318	2253	45.41	42.37	19.24	13.17	36.61	
DOZER[5]																									
DOZ-21	17048	BEML D-355	410 HP	May- 03	480	444		36	36	7.50	100.00	7.50		30.00	2928	1992	191	936	746	31.97	79.65	25.46		29.31	
DOZ-22	16083	BEML D-355	410 HP	Feb-04	480	480					-				2928	2928									
DOZ-23	14253	BEML D-355	410 HP	May-08	480	480					-				2928	1941	659	987	328	33.71	33.23	11.20		24.76	
DOZ-24	12014	BEML D-355	410 HP	Sep-08	480	46		434	434	90.42	100.00	90.42		36.01	2928	629	61	2299	2238	78.52	97.35	76.43		33.29	
DOZ-25	8481	BEML D-355	410 HP	25-Apr-14	480	480					-				2928	2277	373	651	279	22.23	42.78	9.51		28.96	
DOZ-26	6991	BEML D-355	410 HP	08-Sept-17	480	79	126	401	275	83.54	68.58	57.29		40.55	2928	541	727	2387	1660	81.52	69.54	56.69		35.82	
TOTAL					2880	2009	126	871	745	30.24	85.53	25.87		37.40	17568	10308	2010	7260	5250	41.33	72.31	29.88			32.76
PAY LOADER[2]																									
PL-7	11484	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	720	62	324	658	334	91.39	50.76	46.39		13.50	4392	1199	1402	3193	1791	72.70	56.09	40.78	0.01	13.41	
PL-8	4769	Hyundai-hi770-7A	280 HP	01-Jun-10	720	720					-				4392	4392									
TOTAL					1440	782	324	658	334	45.69	50.76	23.19		13.50	8784	5591	1402	3193	1791	36.35	56.09	20.39	0.01		13.41
Back Hoe [2]																									
BACK HOE-02	7913	BEMLBE-300LC	1.2 CU.M	May-09	720	82	389	638	249	88.61	39.03	34.58		12.45	4392	2525	717	1867	1150	42.51	61.60	26.18		14.49	
BACK HOE-03	1439	BEMLBE-300LC	1.25 CU.M	25-Sep-13	720	571	77	149	72	20.69	48.32	10.00		13.19	3648	1988	221	1660	1439	45.50	86.69	39.45		14.26	
TOTAL					1440	653	466	787	321	54.65	40.79	22.29		12.62	8040	4513	938	3527	2589	43.87	73.41	32.20			14.36
Water Sprinkler [2]																									
WT-5	14715	WS-28	28 KL	May-05	480	480					-				3176	1615	1135	1561	426	49.15	27.29	13.41		14.31	
WT-6	4944	BEML,WS 28-2	28 KL	Jan-09	480	16	417	464	47	96.67	10.13	9.79		14.40	3176	1130	1582	2046	464	64.42	22.68	14.61		15.30	
TOTAL					960	496	417	464	47	48.33	10.13	4.90		14.40	6352	2745	2717	3607	890	56.79	24.67	14.01			14.82
Motor Grader [2]																									
MG-6	3580	BG 605	280HP	May-08	480	360	105	120	15	25.00	12.50	3.13		17.20	2928	1441	1216	1487	271	50.79	18.22	9.26		4.97	
MG-7	313	BG 825		10-May-14	480	224	179	256	77	53.33	30.08	16.04		11.69	2928	777	1838	2151	313	73.46	14.55	10.69		8.79	
TOTAL					960	584	284	376	92	39.17	24.47	9.58		12.59	2928	1441	1216	1487	584	50.79	39.27	19.95			7.01

EQUIPMENT AVAILABILITY & UTILISATION
Sep-18

				UNIT IN %																					
				KIRIBURU				MEGHAHATUBURU				BOLANI				BARSUA				GUA					
				NORM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM	
EQPMT TYPE				AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT
DRILL	150 mm	70	70	29	48	48	47	45	39	52	38	62	40	71	41	97	5	85	9	42	45	45	42		
SHOVEL	HYD(D) <4.6 m3	70	75					44	14	24	7	50	4	70	10	54	22	69	22						
	HYD(D) >4.6 m3	85	80	96	43	94	50	67	41	68	42	90	33	73	37	35	29	87	23	63	48	59	51		
	HYD(E)	70	70																						
DUMPER	85/ 60 tn	65	75													90	76	88	65						
	50 tn	70	80							29	5	70	2	38	8	67	25	66	23				24	1	
	100 tn	85	80	77	35	74	39	47	26	57	30	59	36	65	33	78	33	88	11	51	67	57	64		
DOZER		70	70	53	29	41	25	47	25	51	23	76	25	67	31	77	14	90	14	30	86	41	70		
CRUSHING PLANT		85	85					88	53	94	53	82	52	79	53										
SCREENING PLANT		85	85					61	43	81	48	85	76	90	62										
OHP		85	85	84	75	91	71									79	68	80	64	97	89	95	97		

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	982722	270616	1253338	217629	14393368	37280	1816080	84000	455760	125644	0.09	0.54	6.11	16.04
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

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	1259156	52190	1311346	283634	9222360	58818	1763040	69000	1272800	300000	0.08	0.42	2.97	18.80
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

Consumption of Key Consumables in 2017-18(Bolani)

Item	HSD	Expl	Power	Lubricant									
Unit	Litre	kg	KWH	Litre/Kg	DEPTT ROM	F/G AREA CONTR SCR	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
NORM										0.11	0.43	4.8	25
2010-11	2026625	479122	23080560	118412	3347818		573189	785490	196165	0.10	0.48	4.90	27.87
2011-12	1998636	534534	21235920	100300	3060290		684985	796330	164403	0.11	0.50	4.68	25.18
2012-13	1783555	514007	19644960	91014	2605030		470897	838270	506624	0.12	0.50	5.02	25.35
2013-14	1872289	635069	20288400	103250	2888400		952901	1049150	667212	0.11	0.45	4.15	24.70
2014-15	2149181	810530	21124800	109435	3516659	200000	677254	738201	1792737	0.12	0.44	4.28	22.23
2015-16	2259467	913430	21800400	106130	3598770	0	1735825	1382700	1085889	0.12	0.40	3.25	18.66
2016-17	2538285	618000	22677280	116550	4014310	0	1667532	1534785	920488	0.08	0.41	3.14	18.81
2017-18	2514011	935809	20339200	125936	3712455	0	1543746	1417555	1853008	0.11	0.42	3.05	21.06
2018-19	1220487	444796	9924000	56350	1823700	0	765316	712730	678809	0.11	0.42	3.01	19.45
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

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	566710	3720	570430	62531	5635222	12055	744171	420584	115845	0	65340	0.05	0.62	6.55	13.03
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

Consumption of Key Consumables in 2017-18(Gua)

Item	HSD			Expl	Power	Lubricant								
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.09	0.55	4.6	25
2010-11	1813564	2030	1815594	367795	17584344	100224	2378504	0	674441	1325210	0.08	0.54	5.76	29.61
2011-12	1026199	12194	1038393	121305	16608240	50419	543562	0	236868	225000	0.12	1.24	21.28	60.26
2012-13	530895	31972	562867	0	15732024	22133	0	0	0	0				
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	1556386	0	1556386	197409	9312744	54828	1932210	0	694550	0	0.08	0.59	3.55	20.87
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	1631208	6762	300060	0	110430	0	0.05	0.59	3.97	16.47
Sept'18	247158		247158	29206	1516248	8848	302090	0	112680	0	0.07	0.60	3.66	21.33

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL						
MINE	GRANTED	VALID	AREA	RENEWAL	FOREST CLEARANCE (FC)	Status as on September' 2018
	ON	UPTO	(in ha.)	APPL.DATE		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 queires 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.	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.	EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21.12.2012. Consent to Operate for 12 MTPA capacity has been renewed & Valid upto 31.03.2019.
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	MoEFC&CC vide letter dated 24.07.17 issued amended Stage-I FC order. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & other compliance is under progress. In addition to that, Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. 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.	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	2486.383	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 September' 2018
MINE	GRANTED ON	VALID UPTO	AREA (in ha.)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	ENVIRON. CLEARANCE (EC)
BHAWANATHPUR						
GORGAON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgaon, 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 24.03.1995 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						
Status as on September' 2018						
MINE	GRANTED ON	VALID UPTO	AREA (in ha)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	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)	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 conducting 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.
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	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.
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 01.10.2018			
	Executives	Non-Executives	Total
A. ORE MINES			
Kiriburu	87	535	622
Meghahatuburu	65	484	549
Bolani	90	421	511
Barsua	59	293	352
Kalta	16	61	77
Gua	65	505	570
Manoharpur(Chiria)	16	55	71
A.TOTAL	398	2354	2752
B. FLUX MINES			
Purnapani	0	10	10
Kuteshwar	23	102	125
BNP & TDMR	11	82	93
B. TOTAL	34	194	228
C. OFFICES			
Kolkata	69	33	102
Rourkela	13	16	29
Bokaro	2	4	6
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	63	159
GRAND TOTAL(A+B+C)	528	2611	3139
Manpower as on 01.09.2018	527	2615	3142
Reduction(-) / Increase(+)	1	-4	-3

SAFETY REPORT

1.0 Accident Statistics:

Type of accident											
Fatal			Reportable			Non Reportable			Serious Accidents(for Mines only)		
R	C	T	R	C	T	R	C	T	R	C	T
nil	nil	nil	01	nil	01	nil	1	1	nil	nil	nil

1.0 Manhours worked :-7,44,631

2.0 PME	1	Regular	29
	2	Contractual	83

3.0 Reportable & Near miss- 01

4.0 Pit Safety Committee Meeting -- YES

Safety Inspection done:- YES

1. Mines 08

2. Statutory Register

3. Canteen & VT Centre

2.1 Works Area:

2.1.1 Safety Audits:

Sl No.	Audit Type		Purpose		Agency involved	Deptts. audited	Period / dates	No. of observations made	No. of points complied
	Internal	External	General	ISO 14001					
	0	2	ISO 45001(KIOM)	(KIOM)	External Auditor(BSI-TM)		05/09/18 to 20/09/18	17	17

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	4	12	12	0
2.	Shop DSOs				
3.	Apex Committee				
4.	Other schedule/ joint inspections [Housekeeping, Crane, Cable Galleries etc.]				
5.	Any other PSC				

2.1.3

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

Sl. No.	Name of the programme	No. of programmes	No. of participants	Cumulative	
				Programs	Participants
1	Refresher Training	9	106		
2	Basic Training	13	100		

(B) Regular Trainings

Safety Talk			Induction Training			On –the-job/ Refresher Training		
R-300	C-40	T-80	R-0	C-0	T-0	R-0	C -0	T-0

2.1.4 Safety Monitoring &Review:

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

2.1.5 Special Drives & Campaigns

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

2.1.6 Participative Meetings:

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

2.1.7 Events: (Other than routine)

Sl. No.	Events	Description
1.	National Safety Day related activities	
2.	Safety exhibitions & Mela	Participated at Joda
3.	Interactions with Statutory bodies	
4.	Participation in external seminars/ papers presented	
5.	Accident free departments/ shops	

IRON ORE STOCK INVENTORY BEHAVIOUR

September 2018

IRON ORE LUMP

UNIT:'000 TONNES

PLANT	STK 01.04.2018	STK 01.09.2018	RECEIPTS		CONS		STK 01.10.2018	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
BSL	28	79	223	1202	198	1142	102	23	74
DSP	11	19	132	719	110	688	41	22	30
RSP	11	5	171	1104	165	1102	11	6	0
ISP	5	64	35	548	10	416	82	18	77
BSP	256	296			235	1389	290	-6	34
TOT	311	463	561	3573	718	4737	526	63	215

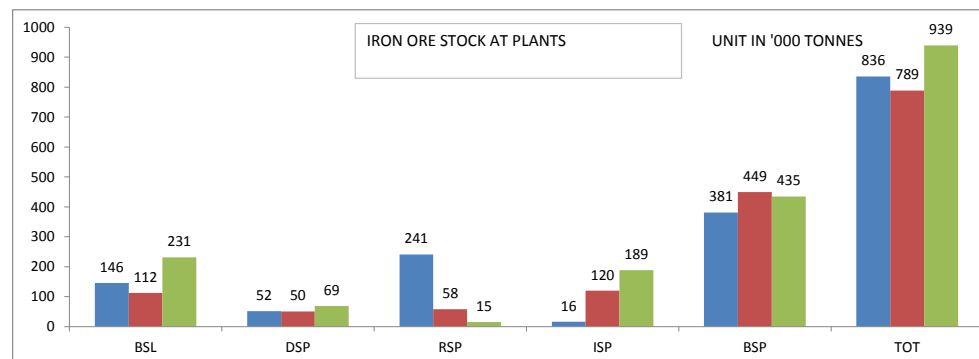
IRON ORE FINES

PLANT	STK 01.04.2018	STK 01.09.2018	RECEIPTS		CONS		STK 01.10.2018	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
BSL	118	33	450	2156	382	2289	129	96	11
DSP	41	31	198	1347	201	1361	28	-3	-13
RSP	230	53	319	1753	348	2199	4	-49	-226
ISP	11	56	113	1264	68	1251	107	51	96
BSP	125	153	<u>30</u>	<u>51</u>	358	2088	145	-8	20
TOT	525	326	1110	6571	1357	9188	413	87	-112

IRON ORE TOTAL

PLANT	STK 01.04.2018	STK 01.09.2018	RECEIPTS		CONS		STK 01.10.2018	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
BSL	146	112	673	3358	580	3431	231	119	85
DSP	52	50	330	2066	311	2049	69	19	17
RSP	241	58	490	2857	513	3301	15	-43	-226
ISP	16	120	148	1812	78	1667	189	69	173
BSP	381	449	<u>30</u>	<u>51</u>	593	3477	435	-14	54
TOT	836	789	1671	10144	2075	13925	939	150	103

* BSP RECEIPT FROM RMD MINES



PRODUCTION PERFORMANCE

September 2018

हॉट मेटल

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUMUL FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	417	341	82	2258	2060	91	1889	9
दूर्गापूर	197	188	95	1294	1237	96	1070	16
राउरकेला	329	283	86	2063	1869	91	1564	20
बर्नपूर	218	26	12	1323	896	68	1003	-11
पूर्वी इस्पात संयंत्र	1161	838	72	6938	6062	87	5526	10
भिलाई	515	391	76	2790	2182	78	2080	5
TOTAL	1676	1229	73	9728	8244	85	7606	8

सिन्तर

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUMUL FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	457	487	107	2840	2944	104	2711	9
दूर्गापूर	248	273	110	1617	1671	103	1489	12
राउरकेला	509	463	91	3178	3096	97	2549	21
बर्नपूर	315	59	19	1909	1373	72	1613	-15
पूर्वी इस्पात संयंत्र	1529	1282	84	9544	9084	95	8362	9
भिलाई	726	537	74	4278	3214	75	3116	3
TOTAL	2255	1819	81	13822	12298	89	11478	7

IRON ORE RECEIPTS FOR THE MONTH OF September 2018

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	46	43	73		4	15	7		35		222
DSP			93				39				132
RSP	41	37		43		43			7		170
ISP			14				21				35
BSP											
TOT	86	81	179	43	4	58	68		42		560

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	112	90	108	59	19	15	28		19		448
DSP		10	101				87				198
RSP	133	109		25		44			8		319
ISP		11	18				84				113
BSP	26	4									29
TOT	271	224	227	84	19	58	199		27		1107

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	158	133	181	59	22	30	35		53		670
DSP		10	194				126				330
RSP	174	146		68		86			15		489
ISP		11	32				105				148
BSP	26	4									29
TOT	357	305	406	126	22	116	266		68		1667

IRON ORE RECEIPTS TILL THE MONTH OF September 2018

FIGS IN '000 T

Lump Receipt											
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	214	233	325	24	15	266	17		108		1202
DSP		7	489				223				719
RSP	275	297		169	141	152			64	6	1104
ISP		3	213				328		4		548
BSP											
TOT	489	540	1027	193	156	418	568		176	6	3573

Fines Receipt											
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	576	578	392	288	98	79	60		85		2156
DSP		64	768				515				1347
RSP	798	550		104		265			36		1753
ISP	3	91	493				669		8		1264
BSP	43	8									51
TOT	1420	1291	1653	392	98	344	1244		129		6571

Total Receipt											
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	790	811	717	312	113	345	77		193		3358
DSP		71	1257				738				2066
RSP	1073	847		273	141	417			100	6	2857
ISP	3	94	706				997		12		1812
BSP	43	8									51
TOT	1909	1831	2680	585	254	762	1812		305	6	10144

PRESENT BASE FREIGHT IN RS PER TONNE IN TRAIN LOAD CLASS

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
IRON ORE	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
180 CLASS to 165 CLASS	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15
KRBU(N/B) (FOS)	371	613.00	409	687.60	94	187.20	377	650.10	539	874.70
KRBU(O/B) (SOBK)	371	613.00	409	687.60	94	187.20	377	650.10	539	874.70
MBR (SSMK)	371	613.00	409	687.60	94	187.20	377	650.10	539	874.70
BOLANI (BYFS)	272	467.80	318	540.00	227	430.20	286	504.90	673	1097.30
BARSUA (PBSB)	342	576.50	390	650.10	73	187.20	356	613.00	519	874.70
ROXY (HLSR)	332	576.50	379	650.10	63	187.20	346	576.50	509	874.70
GUA (ISCG)	265	467.80	311	540.00	220	392.50	279	504.90	665	1097.30
MANOHARPUR (IISM)	241	430.20	287	504.90	37	187.20	255	467.80	483	799.30
DALLIRAJHARA (DRZ)	827	1317.70	871	1390.50	537	874.70	832	1317.70	83	187.20

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

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