

आर.एम.डी. इन्फ्रामैटिक्स



DECEMBER '2018



द्वारा प्रकाशित:
पीपीसी विभाग
रॉ मटेरियल्स डिवीजन
भारतीय इस्पात प्राधिकरण

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Excerpt

For the month of December'2018

Highest number of Rakes loaded in the month-533 (Last Highest was 516 in Nov-18)

Highest ever monthly Despatch of Lump 7.15 Lakh Te 24.8% growth over CPLY, Last highest monthly Lump Despatch 7.05 Lakh Te in March-06

Details of Rake Despatched

MINES	Dec'18	Dec '17	%Grth	Till Dec '18	CPLY Till Dec '17	%Grth
KBR	91	102	-10.78	804	827	-2.78
MBR	87	98	-11.22	754	726	3.86
BOL	144	147	-2.04	1183	1110	6.58
BAR	52	0	-	324	0	-
TAL	0	9	-100	82	90	-8.89
KAL	42	51	-17.65	328	297	10.44
GUA	90	88	2.27	797	749	6.41
MPR	27	10	170	148	74	100
RMD	L	199.1	152	30.99	1519.6	1311
	F	333.9	353	-5.41	2900.4	2562
	T	533	505	5.54	4420	3873

PLANT	COMM	Dec '18	2018-19
BSL	L	57.3	476.6
	F	93.7	854.4
DSP	L	39	310.9
	F	66	613.1
RSP	L	69	499.8
	F	87	822.2
ISP	L	33.8	232.3
	F	86.2	593.7
BSP	L		
	F	1	17
TOTAL	L	199.1	1519.6
	F	333.9	2900.4
	TOTAL	533	4420

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

December 2018

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR Dec 2017	TILL THE MONTH				CAP UTLN %
		2018-19	TGT	ACT	%FF	LAST YR Dec 2017		TGT	ACT	%FF	LAST YR	
KIRIBURU 5500	L	1300	95	89	93	104	-15.0	980	741	76	947	-21.7
	F	3000	250	239	96	235	1.7	2190	2198	100	2165	1.5
	T	4300	345	328	95	339	-3.4	3170	2939	93	3112	-5.6
MEGHAHA TUBURU 5000	L	1150	90	57	63	105	-46.1	870	766	88	861	-11.1
	F	2750	270	268	99	288	-6.6	1970	1901	96	1850	2.8
	T	3900	360	325	90	393	-17.2	2840	2667	94	2711	-1.6
BOLANI 6500	L	2250	210	214	102	189	13.1	1700	1643	97	1538	6.8
	F	3950	350	309	88	332	-6.8	2960	2425	82	2307	5.1
	T	6200	560	523	93	521	0.4	4660	4068	87	3845	5.8
BARSUA 2500	L	680	80	57	71			480	391	81		
	F	1370	160	122	76			840	903	108		
	T	2050	240	179	75			1320	1294	98		69
TALDIH 1000	L	420	30			36	-100.0	340	173	51	293	-41.0
	F	480	55					320	105	33		
	T	900	85			36	-100.0	660	278	42	293	-5.1
KALTA 2500	L	1000	85	78	92	83	-5.6	770	633	82	517	22.4
	F	1200	130	82	63	74	10.9	820	558	68	553	1.0
	T	2200	215	160	75	157	2.2	1590	1192	75	1070	11.4
GUA 4000	L	1000	90	88	98	66	33.7	780	776	99	671	15.7
	F	3200	270	222	82	266	-16.6	2400	1991	83	2265	-12.1
	T	4200	360	311	86	332	-6.6	3180	2767	87	2936	-5.7
MANOHAR - PUR 750	L	350	30	43	142	29	45.5	265	295	111	147	100.5
	F	400	40	48	120	26	85.0	285	246	86	127	92.7
	T	750	70	91	130	55	64.0	550	541	98	275	96.9
TOTAL 27750	L	8150	710	626	88	613	2.1	6185	5418	88	4974	8.9
	F	16350	1525	1291	85	1221	5.7	11785	10327	88	9267	11.4
	T	24500	2235	1917	86	1834	4.5	17970	15745	88	14241	10.6

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

December 2018

UNIT 000 TONNES

		DESPATCHES													
MINE	COMM.	PLAN	FOR THE MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON		
		2018-19	TGT	ACT	%FF	LAST YR Dec 2017		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END
KIRIBURU	L	1300	95	96	101	107	-10.2	980	752	77	933	-19.4	28	18	11
	F	3000	250	227	91	269	-15.7	2330	2156	93	2132	1.1	1021	1043	1056
	T	4300	345	323	94	376	-14.2	3310	2908	88	3065	-5.1	1049	1061	1067
MEGHAHA TUBURU	L	1150	90	90	100	77	17.2	900	738	82	818	-9.8	101	162	127
	F	2750	250	231	92	285	-18.8	2195	2038	93	1897	7.4	552	362	397
	T	3900	340	321	94	361	-11.2	3095	2776	90	2715	2.2	653	524	524
BOLANI	L	2250	210	241	115	193	24.8	1725	1646	95	1504	9.5	133	151	128
	F	3950	340	275	81	325	-15.3	3040	2520	83	2371	6.3	1522	1387	1424
	T	6200	550	517	94	519	-0.4	4765	4167	87	3875	7.5	1655	1538	1552
BARSUA	L	680	70	71	101			455	382	84			15	37	23
	F	1370	160	109	68			840	717	85			194	255	268
	T	2050	230	180	78			1295	1099	85			209	292	291
TALDIH	L	420	30			30	-100.0	340	176	52	296	-40.7	9	2	
	F	480	55					320	103	32			9	2	
	T	900	85			30	-100.0	660	279	42	296	-5.9	18	4	
KALTA	L	1000	85	81	95	92	-12.5	770	634	82	516	22.8	12	21	15
	F	1200	130	73	56	89	-18.0	820	544	66	560	-2.9	13	18	31
	T	2200	215	154	72	182	-15.2	1590	1178	74	1077	9.4	25	39	46
GUA	L	1000	90	97	108	57	71.3	780	812	104	577	40.7	30	26	26
	F	3200	270	199	74	238	-16.2	2400	1783	74	2013	-11.4	161	145	145
	T	4200	360	297	82	295	0.6	3180	2596	82	2590	0.2	191	171	171
MANOHAR - PUR	L	350	30	39	131	17	126.4	265	293	111	137	114.4	2	5	
	F	400	40	53	133	18	189.1	285	243	85	114	113.4	5	8	2
	T	750	70	92	132	36	158.6	550	536	97	251	114.0	5	10	7
TOTAL	L	8150	700	715	102	573	24.8	6215	5433	87	4782	13.6	328	419	335
	F	16350	1495	1168	78	1224	-4.6	12230	10105	83	9088	11.2	3477	3220	3323
	T	24500	2195	1883	86	1798	4.8	18445	15539	84	13869	12.0	3805	3639	3658

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

December 2018

UNIT 000 TE

DEVELOPMENT

	FOR MONTH			TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF	TGT	ACT	%FF		
KIRIBURU	230	57	25	1809	788	44	1746	-55
MEGHAHATUBURU	510	252	49	3300	2127	64	2983	-29
BOLANI	325	308	95	3236	2303	71	2279	1
BARSUA	90	50	56	820	248	30	73	238
TALDIH	30	0	0	210	65	31	177	-63
KALTA	0	0		0	0		20	-100
GUA	390	186	48	2420	1701	70	1195	42
MANOHARPUR	0	0		0	1		0	
TOTAL	1575	853	54	11795	7233	61	8473	-14.6

ROM

KIRIBURU	345	328	95	3270	2939	90	3173	-7
MEGHAHATUBURU	360	312	87	3120	2858	92	2969	-4
BOLANI	595	499	84	4755	4109	86	3898	5
BARSUA	260	189	73	1500	1347	90	0	
TALDIH	85	0	0	660	443	67	735	-40
KALTA	215	164	76	1590	1185	75	1051	13
GUA	360	311	86	3180	2767	87	2936	-6
MANOHARPUR	70	91	130	550	541	98	275	97
TOTAL	2290	1893	83	18625	16188	87	15037	8

TOTAL EXCAVATION

KIRIBURU	575	385	67	5079	3727	73	4919	-24
MEGHAHATUBURU	870	564	65	6420	4984	78	5952	-16
BOLANI	920	807	88	7991	6412	80	6177	4
BARSUA	350	239	68	2320	1594	69	73	2072
TALDIH	115	0	0	870	508	58	912	-44
KALTA	215	164	76	1590	1185	75	1071	11
GUA	750	496	66	5600	4469	80	4130	8
MANOHARPUR	70	91	130	550	542	99	275	97
TOTAL	3865	2746	71	30420	23421	77	23510	0

Performance against Last Year

Unit in Te	PREVIOUS YEAR EXCAVATION PERFORMANCE 2017-18																											
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL			
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	
Apr-17	566550	319590	246960	573770	133020	440750	581486	408757	172729	0	0	0	78111	53811	24300	125300	125300	0	436700	320600	116100	48679	48679	0	2410596	1409757	1000839	
May-17	488520	318330	170190	547990	260190	287800	594504	458911	135593	4365	0	4365	140403	102558	37845	108247	108247	0	430265	315200	115065	49712	49712	0	2364006	1613148	750858	
Jun-17	504310	370440	133870	644460	336060	308400	710439	397643	312796	945	0	945	112428	70353	42075	87500	87500	0	427628	333000	94628	31287	31287	0	2518997	1626283	892714	
Jul-17	395010	344160	50850	630510	323010	307500	779891	354928	424963	0	0	0	84063	62328	21735	74600	74600	0	410665	323300	87365	0	0	0	2374739	1482326	892413	
Aug-17	487860	403920	83940	747990	315990	432000	560903	430152	130751	1620	0	1620	78949	73819	5130	96353	96353	0	452670	315600	137070	0	0	0	2426345	1635834	790511	
Sep-17	557660	364050	193610	645350	409950	235400	675522	432019	243503	0	0	0	113315	101480	11835	100760	100760	0	445325	295700	149625	4589	4589	0	2542521	1708548	833973	
Oct-17	677616	401670	275946	719770	395370	324400	779895	453030	326865	13140	0	13140	102669	91239	11430	163300	163300	0	508510	354100	154410	42905	42905	0	3007805	1901614	1106191	
Nov-17	587790	311670	276120	734660	339060	335600	785467	443610	341857	23895	0	23895	103890	90300	13590	169150	169150	0	514255	346000	168255	42202	42202	0	2961309	1782442	1178867	
Dec-17	653820	339480	314340	707890	396390	311500	709014	518709	190305	29445	0	29445	98548	89548	9000	145600	145600	0	504435	332400	172035	55295	55295	0	2904047	1877422	1026625	
Total	4919136	3173310	1745826	5952390	2969040	2983350	6177121	3897759	2279362	73410	0	73410	912378	735436	176940	1070810	1051260	19550	4130453	2935900	1194553	274687	274669	0	23510365	15037374	8472991	

Kiriburu	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	2365	0	2365	121796	98306	23490	141140	141140	0	532303	341000	191303	18700	18700	0	2504276	1484874	1019402	
May-18	464470	365490	99270	660790	297090	363700	697182	468363	228819	109405	88915	20490	111636	89676	21960	144020	144020	0	571268	341100	230168	70140	70140	0	2829201	1864794	964407	
Jun-18	538824	346680	192144	595770	262170	333600	705132	485008	220124	197559	181049	16510	94690	79030	15660	117100	117100	0	431453	325310	106143	65968	64914	1054	2746496	1861261	885235	
Jul-18	343980	310230	33750	489910	315810	174100	605878	449568	156310	157025	141235	15790	75485	71255	4230	89100	89100	0	486783	322650	164133	46439	46439	0	2294600	1746287	548313	
Aug-18	346140	314280	31860	606930	358830	248100	706618	424818	281800	190450	155765	34685	60770	60770	0	127600	127600	0	490050	300060	189990	50834	50834	0	2579392	1792957	786435	
Sep-18	373230	285570	87660	471450	298350	173100	649401	453150	196251	203212	177207	26005	21547	21547	0	108600	108600	0	487898	302090	185808	55376	55376	0	2370714	1701890	668824	
Oct-18	418500	350550	67950	523280	378180	145100	786217	521929	264288	247501	211921	35580	22324	22324	0	142200	142200	0	485099	294520	190579	67291	67291	0	2692412	1988915	703497	
Nov-18	441720	360270	81450	491930	335330	156600	761408	499367	262041	247874	201574	46300	0	0	0	150700	150700	0	487353	229860	257493	76423	76423	0	2657408	1853524	803884	
Dec-18	385200	327960	57240	564210	312210	252000	806853	498720	308133	238931	188861	50070	0	0	0	164300	164300	0	496305	310590	185715	90699	90699	0	2746498	1893340	853158	
Total	3726904	2938860	788044	4984260	2857760	2126500	6412121	4109031	2303090	1594322	1346527	247795	508248	442908	65340	1184760	1184760	0	4468512	2767180	1701332	541870	540816	1054	23420998	16187842	7233155	

Change Over Last Year	Diff	-1192232	-234450	-957782	-968130	-111280	-856850	235000	211272	23728	1520912	1346527	174385	-404128	-292528	-111600	113950	133500	-19550	338059	-168720	506779	267201	266147	1054	-89367	1150468	-1239836
%Chg	-24.2	-7.4	-54.9	-16.3	-3.7	-28.7	3.8	5.4	1.0	2071.8	-	237.5	-44.3	-39.8	-63.1	10.6	12.7	-100.0	8.2	-5.7	42.4	97.3	96.9	-	-0.4	7.7	-14.6	

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	94353	61660	253940	315600				569659	952745	1522404		
Sep-17	112140	244026	356166	118839	191549	310388	180000	236999	416999				40592	40592	54105	78703	132808	66780	228920	295700				4589	4589	572456	984786	1557242
Oct-17	115199	275648	390847	122139	228941	351080	204036	242119	446155				36485	36485	55615	117138	172753	74039	280061	354100	14515	28390	42905	622028	1172297	1794325		
Nov-17	90875	210860	301735	110426	280670	391096	176783	263777	440560				36114	36114	67163	75554	142717	67453	278547	346000	11710	30492	42202	560524	1139900	1700424		
Dec-17	104247	235233	339480	105444	287562	393006	189384	331703	521089				35814	35814	83024	73857	156881	66170	266230	332400	29351	25944	55295	613436	1220529	1833965		
Total	946601	2184964	3111565	861484	1849648	2711132	1537896	2307103	3844999				292731	292731	517272	552615	1069887	670739	2265161	2935900	147317	127401	274718	4974040	926892	14240932		

	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	122220	1848751
Jun-18	75868	270812	346680	68642	235470	304112	185256	292582	477838	50900	129999	180899	31623	13503	45126	61887	45438	107325	94500	230810	325310	33310	31604	64914	601986	1250218	1852204
Jul-18	86553	223677	310230	86047	135257	221304	193161	251857	445018	46105	85412	131517	28502	15190	43692	48711	16190	64901	96275	226375	322650	18981	27458	46439	604335	981416	1585751
Aug-18	90540	223740	314280	137381	135108	272489	188120	219138	407258	47165	99358	146523	24308	664	24972	78855	52463	131318	84805	215255	30060	31619	19215	50834	682793	984941	1647734
Sep-18	78941	206629	285570	80208	173058	253266	169437	269053	438490	50684	120045	170729	6464	10116	16580	62818	44316	107134	81045	221045	302090	35682	19694	55376	565279	1063956	1629235
Oct-18	85742	244808	350550	90090	270372	360462	217496	286553	504249	55820	148752	204572	6697		6697	74938	76859	151797	79019	215501	294520	31869	35426	67295	641871	1298271	1940142
Nov-18	77609	282661	360270	78050	248001	326051	197315	302994	500309	59480	132533	192013				73715	80549	154264	64574	165286	229860	38186	38237	76423	588929	1250261	1839190
Dec-18	88627	239333	327960	56850	268455	325305	214101	309079	523180	57138	121680	178818				78390	81905	160295	88456	222134	310590	42698	48001	90699	626260	1290587	1916847
Total	741006	2197854	2938860	765967	1900801	2666768	1643091	2425093	4068184	390634	903352	1293986	172797	105260	278057	633373	558140	1191513	775832	1991348	2767180	295355	245465	540820	5418056	10327313	15745369

Change Over Last Year

DIFF	-205595	32890	-172705	-95517	51153	-44364	105195	117990	223185	390634	903352	1293986	-119934	105260	-14674	116101	5525	121626	105093	-273813	-168720	148038	118064	266102	444016	1060421	1504437
%Chg	-21.7	1.5	-5.6	-11.1	2.8	-1.6	6.8	5.1	5.8	-	-	-	-41.0	-	-5.0	22.4	1.0	11.4	15.7	-12.1	-5.7	100.5	92.7	8.9	11.4	10.6	

Performance against Last Year

Unit in Te	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	
Apr-17	93034	205705	298739	102557	186744	289301	157291	270155	427446	19284	19284	52923	49335	102258	94743	211053	305796	29782	13962	43744	549614	936954	1486568					
May-17	108284	229783	338067	75471	122904	198375	161078	238285	399343	44258	44258	61635	51644	113279	86851	198410	285261	33785	18125	51910	571362	859151	1430513					
Jun-17	94661	236046	330707	71102	204110	275212	161631	269244	430875	31910	31910	39970	40446	80416	69949	215160	285109	28119	28119	497342	965006	1462348						
Jul-17	95988	203227	299215	98431	202274	300705	131343	201904	333247	26127	26127	50192	32846	83038	56698	214229	270927				458779	854480	1313259					
Aug-17	128151	252650	380801	124649	209225	333874	188639	310588	499227	31718	31718	52154	44328	96482	50379	210555	260934				575690	1027346	1603036					
Sep-17	94122	236991	331113	90078	238322	328400	191268	285463	476731	40249	40249	53720	72421	126141	58144	200914	259058	2978	2978	527581	1037089	1564670						
Oct-17	107967	245065	353032	82345	223131	305476	147489	229753	377242	34809	34809	35575	96331	131906	51234	267710	318944	13402	28128	41530	472821	1090118	1562939					
Nov-17	103505	253908	357413	97050	225980	323030	171901	240643	412544	39289	39289	77842	83727	161569	52513	257644	310157	14210	31964	46174	556310	1093866	1650176					
Dec-17	107259	268873	376132	76574	284542	361116	193292	325358	518650	29907	29907	92243	181548	56691	237906	294597	17389	18349	35738	573355	1224353	1797708						
Total	932971	2132248	3065219	818257	1897232	2715489	1503932	2371393	3875325	0	0	0	297551	516254	560403	1076657	577202	2013581	2590783	136687	113506	250193	4782854	9088363	13871217			

	THIS YEAR DESPATCH PERFORMANCE 2018-19																													
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL					
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT			
Apr-18	83370	219106	302476	124184	208457	332641	121767	314857	436624	41799	41799	23872	65671	72764	88815	161579	110181	207154	317335	17613	17613	571678	1062261	1633939						
May-18	86809	224600	311409	90587	221302	311889	143299	321339	446438	11027	13401	24428	28797	33720	62517	72019	67164	139183	105181	173192	278373	46414	22063	68477	584133	1076781	1660914			
Jun-18	77029	251775	328804	51764	258754	310518	233646	310958	544604	48990	69219	118209	36341	16492	52833	71150	57334	128484	97799	171704	269503	30099	32631	62730	646818	1168867	1815685			
Jul-18	86744	222210	308954	86332	189169	275501	196074	277784	473858	49665	110036	159701	32062	14194	46256	46764	14455	61219	99794	213607	313401	22072	26515	48587	619507	1067970	1687477			
Aug-18	70849	232280	303129	103720	211329	315049	195435	210652	406087	34538	112653	147191	10639	10639	79638	39235	118873	89921	225752	315673	25664	18954	44618	610404	1050855	1661259				
Sep-18	82155	272635	354790	83990	211535	295525	175113	220309	395422	42903	86578	129482	3846	14883	18729	57156	57061	114217	70118	204300	274418	41073	22560	63633	556354	1089861	1646216			
Oct-18	79501	257678	337179	50670	243433	294103	161384	273019	434403	63013	93967	156980	22076		22076	78468	75139	153607	73948	210812	284760	28569	32913	61482	557629	1186961	1744590			
Nov-18	89635	249059	338694	57001	262146	319147	178349	315854	494204	60598	122130	182727				75421	71650	147071	68147	177431	245578	42182	34414	76596	571333	1232685	1804018			
Dec-18	96283	226587	322870	89749	230962	320711	241156	275462	516618	71030	109351	180381				80692	73238	153929	97134	199377	296511	39380	53046	92426	715424	1168023	1883447			
Total	752375	2155930	2908305	737997	2037087	2775085	1646224	2520234	4166458	381764	717335	1099099	175560	103161	278721	634072	544091	1178163	812223	1783329	2595552	293066	243096	536162	5433281	10104264	15537544			

Change Over Last Year

DIFF	-180596	23682	-156914	-80260	139855	59596	142292	148841	291133	381764	717335	1099099	-121991	103161	-18830	117818	-16312	101506	235021	-230252	4769	156379	129590	285969	650427	1015901	1666327			
%Chg	-19.4	1.1	-5.1	-9.8	7.4	2.2	9.5	6.3	7.5	-	-	-	-41.0	-	-6.3	22.8	-2.9	9.4	40.7	-11.4	0.2	114.4	114.2	114.3	13.6	11.2	12.0			

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 2018

बोकारो इस्पात संयंत

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF			YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR
KRB	60	15	25	560	273	49	315	-18	90	83	92	700	802	115	736	9	150	98	66	1260	1075	85	1051	2	
MBR	70	12	18	600	286	48	422	-32	70	94	134	700	780	111	852	-8	140	107	76	1300	1066	82	1274	-16	
BOL	35	91	260	320	551	172	512	8	105			1195	503	42	628	-20	140	91	65	1515	1054	70	1140	-7	
BAR	25	58	231	140	102	73			15	103	686	85	546	642			40	161	402	225	648	288			
TAL					36		53	-32	55			220	103	47			55			220	140	68	53	162	
KAL		7		80	305	381	102	199		26			120		150	-20		33			80	424	530	252	68
GUA		2		100	26	26	147	-83		5			86		415	-79		7			100	112	112	562	-80
MPR	30	20	67	265	190	72	69	176	40	32	79	235	169	72	63	167	70	52	74	500	359	72	132	172	
RMD TOT	220	206	94	2065	1768	86	1620	9	375	343	91	3135	3110	99	2844	9	595	549	92	5200	4878	94	4463	9	
DRZ																									
PUR																									
GR TOT	220	206	94	2065	1768	86	1620	9	375	343	91	3135	3110	99	2844	9	595	549	92	5200	4878	94	4463	9	

FLUXES

KTR	45	28	62	356	253	71	226	12
TDMR	10	8	81	80	53	66	68	-23
TOT	55	36	66	436	306	70	295	4

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 2018

दूर्गापूर इस्पात संयंत्र

MINE	LUMP								FINES								TOTAL								UNIT '000 TONNES			
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH				
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%				
KRB							8	-100																		8	-100	
MBR					7		27	-74		7				98		18	448		7					105		45	184	
BOL	110	110	100	920	799	87	636	26	150	166	111	1200	1271	106	923	38	260	276	106	2120	2070	98	1559	33				
BAR																												
TAL																												
KAL									130			130						130			130							
GUA	50	34	67	405	319	79	317	1	80	50	63	700	708	101	732	-3	130	84	65	1105	1027	98	1049	-2				
MPR									4	-100																4	-100	
RMD TOT	160	144	90	1325	1125	85	991	13	360	223	62	2030	2077	102	1672	24	520	367	71	3355	3202	95	2664	20				
DRZ																												
PUR																												
GR TOT	160	144	90	1325	1125	85	991	13	360	223	62	2030	2077	102	1672	24	520	367	71	3355	3202	95	2664	20				
0																												
FLUXES																												
KTR	4	4	100	34	36	107	12	202																				
TDMR																												
TOT	4	4	100	34	36	107	16	127																				

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 2018

राउरकेला इस्पात संयन्त्र

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	APP	ACT	%FF	APP	ACT	%FF			
KRB	20	81	405	285	479	168	600	-20	100	140	140	1020	1299	127	1212	7	120	221	184	1305	1778	136	1813	-2	
MBR	20	77	386	300	442	147	370	20	45	108	239	635	1000	157	891	12	65	185	284	935	1442	154	1261	14	
BOL																									
BAR	45	13	30	315	280	89			85	6	8	345	171	50				130	20	15	660	451	68		
TAL	30			340	139	41	224	-38				100						30			440	139	32	224	-38
KAL	70	73	105	595	329	55	385	-14		48		690	425	62	392	8	70	121	173	1285	754	59	776	-3	
GUA																									
MPR		3			83		14	481		9		50	54	108	41	31		12			50	136	273	55	147
RMD TOT	185	248	184	1835	1753	96	1593	10	230	310	185	2840	2948	104	2536	16	415	558	135	4675	4701	101	4129	14	
PUR																									
DRZ						6		7	-14													6		7	-14
GR TOT	185	248	134	1835	1759	96	1600	10	230	310	135	2840	2948	104	2536	16	415	558	135	4675	4707	101	4136	14	

0

FLUXES

KTR	17	12	70	144	64	44	81	-21
TDMR		5		24	16	68	36	-55
TOT	17	17	102	168	80	48	117	-31

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 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	APP	ACT		
KRB	15			135			9	-100							3		13	-76	15			135	3	2	23	-86
MBR					3				40	23	56	380	152	40	118	29	40	23	56	380	155	41	118	32		
BOL	65	40	61	485	296	61	356	-17	85	109	129	645	746	116	821	-9	150	149	100	1130	1042	92	1177	-11		
BAR																										
TAL							19	-100																19	-100	
KAL	15			95			30	-100								19	-100	15			95			48	-100	
GUA	40	61	158	275	468	170	113	314	150	144	96	1385	989	71	866	14	190	205	108	1660	1457	88	979	49		
MPR		16			20		50	-60		13			20		9	111		29			40		60	-32		
RMD TOT	135	117	87	990	787	80	578	36	275	289	105	2410	1911	79	1846	3	410	406	99	3400	2698	79	2424	11		
DRZ																										
PUR																										
GR TOT	185	117	87	990	787	80	578	36	275	289	105	2410	1911	79	1846	3	410	406	99	3400	2698	79	2424	11		

FLUXES

KTR								
TDMR				4	3	66	8	-67
TOT				4	3	66	8	-67

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 2018
भिलाई इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP						FINES						TOTAL						FOR MONTH						TILL MONTH					
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH						
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%						
KRB									40	3	8	490	52	11	171	-70	40	3	8	490	52	11	171	-70						
MBR														8		18	-58					8		18	-58					
BOL																														
BAR									60			410					60			410										
TAL																														
KAL																														
GUA																														
MPR																														
RMD TOT									100	3	3	900	60	7	189	-68	100	3	3	900	60	7	189	-68						
DRZ																														
PUR																														
GR TOT									100	3	3	900	60	7	189	-68	100	3	3	900	60	7	189	-68						
FLUXES																														
KTR	54	48	90	486	327	67	408	-20																						
TDMR	5	11	218	57	95	167	24	297																						
TOT	59	59	100	543	422	78	432	-2																						

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

December 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	95	96	101	980	752	77	933	-19	230	227	99	2210	2156	98	2182	1	325	323	99	3190	2908	91	3065	-5	
MBR	90	90	100	900	738	82	818	-10	155	231	149	1715	2038	119	1897	7	245	321	131	2615	2776	106	2715	2	
BOL	210	241	115	1725	1646	95	1504	9	340	275	81	3040	2520	83	2371	6	550	517	94	4765	4167	87	3875	8	
BAR	70	71	101	455	382	84			160	109	68	840	717	85			230	180	78	1295	1099	85			
TAL	30			340	176	52	296	-41	55			320	103	32			85			660	279	42	296	-6	
KAL	85	81	95	770	634	82	516	23	130	73	56	820	544	66	560	-3	215	154	72	1590	1178	74	1077	9	
GUA	90	97	108	780	812	104	577	41	230	199	87	2085	1783	86	2013	-11	320	297	98	2865	2596	91	2590	0	
MPR	30	39	131	265	298	111	137	114	40	53	133	285	243	85	114	113	70	92	132	550	536	97	251	114	
RMD TOT	700	715	102	6215	5433	87	4782	14	1340	1168	87	11315	10105	89	9088	11	2040	1883	92	17530	15539	89	13869	12	
PUR																									
DRZ					6		7	-14														6		7	-14
GR TOT	700	715	102	6215	5439	88	4789	14	1340	1168	87	11315	10105	89	9088	11	2040	1883	92	17530	15545	89	13876	12	
FLUXES																									
KTR	120	92	77	1020	680	67	727	-6																	
TDMR	15	24	162	165	167	101	140	19																	
TOT	135	117	87	1185	847	71	867	-2																	

FLUX MINES OPERATIONS
December 2018

UNIT 000 TONNES

PRODUCTION

MINE		PLAN 2018-19	FOR THE MONTH				GRTH % OVER LSTYR Dec 2017	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR Dec 2017		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1365	120	97	81	97	-0.4	1020	644	63	715	-9.9
TULSIDAMAR	DOLO	210	15	17	116	25	-31.0	165	140	85	159	-11.7
RMD TOTAL		1575	135	114	85	123	-6.6	1185	784	66	873	-10.2

DESPATCHES

MINE		PLAN 2018-19	FOR THE MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1365	120	92	77	97	-4.5	1020	680	67	727	-6.4
TULSIDAMAR	DOLO	210	15	24	162	18	37.4	165	167	101	140	19.1
RMD TOTAL		1575	135	117	87	115	2.0	1185	847	71	867	-2.3

Monthwise Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2017-18					
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-17	84586	80594	10170	20107	94756	100701
May-17	105306	100972	15229	17144	120535	118116
Jun-17	90785	88818	22413	20559	113198	109377
Jul-17	69065	80624	14045	16005	83110	96629
Aug-17	69618	80934	17465	18733	87083	99667
Sep-17	81361	80650	19140	19008	100501	99658
Oct-17	54321	60378	13329	2709	67650	63087
Nov-17	62310	56744	21806	8379	84116	65123
Dec-17	97393	96864	25109	17734	122502	114598
Total	714745	726578	158706	140378	873451	866956

THIS YEAR FLUX PERFORMANCE 2018-19						
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	
Apr-18	65064	72530	13836	22043	78900	94573
May-18	75105	88888	14281	12952	89386	101840
Jun-18	98203	88408	15876	21881	114079	110289
Jul-18	81536	80318	12834	20622	94370	100940
Aug-18	46162	48192	14831	26918	60993	75110
Sep-18	67847	80480	19986	12059	87833	92539
Oct-18	60349	68474	14957	14969	75306	83443
Nov-18	53305	60324	16047	11375	69352	71699
Dec-18	97046	92538	17334	24303	114380	116841
Total	644617	680152	139982	167122	784599	847274

Over Last Year

DIFF	-70128	-46426	-18724	26744	-88852	-19682
%Chg	-9.8	-6.4	-11.8	19.1	-10.2	-2.3

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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	63.28	2.86	1.47	17.12	15.16	62.07	4.10	2.13	9.85	29.41		MTH ACT	27.48	17.71	4.76	4.81	9.18
CUM	2018-19	62.63	3.59	1.78	14.35	19.07	62.10	3.84	2.32	9.89	30.43	CUM	2018-19	29.13	19.13	4.94	5.22	9.08
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	63.40	2.55	1.78	13.83	19.13	62.12	3.96	2.24	5.54	34.08		MTH ACT	42.87	2.72	3.43	8.63	18.01
CUM	2018-19	62.84	3.13	1.97	14.53	20.29	61.79	4.16	2.51	5.15	35.46	CUM	2018-19	43.83	2.56	3.62	6.11	24.11
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	63.45	2.55	1.70	19.37	18.17	62.28	3.44	2.34	3.95	39.70
CUM	2018-19	62.99	2.98	1.89	18.53	19.80	62.43	3.46	2.19	2.92	41.52
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	63.04	2.58	2.20	24.00	14.32	61.55	3.64	3.22	7.20	34.10
CUM	2018-19	62.93	2.95	2.00	19.94	17.82	61.90	3.58	2.68	5.74	34.62
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	62.90	2.31	2.65	18.38	19.28	61.68	3.34	3.42	5.92	32.11
CUM	2018-19	62.90	2.27	2.82	18.39	18.33	61.65	3.35	3.56	5.88	34.28
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	64.07	1.82	1.41	8.45	11.90	63.68	2.16	1.82	4.37	29.49
CUM	2018-19	63.76	2.14	2.06	6.64	13.02	63.33	2.41	2.31	4.56	30.01
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	63.66	2.15	1.84	13.59	10.15	63.64	2.29	1.68	4.61	28.73
CUM	2018-19	63.80	2.11	1.90	12.88	11.62	63.29	2.41	2.32	4.64	29.94
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										
CUM	2018-19	63.30	2.46	2.14	12.17	14.63	62.50	2.90	3.05	4.66	31.05
CUM	2017-18	63.54	2.25	1.92	7.48	13.66	62.64	2.64	3.03	4.60	29.80

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FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	TDM	NORM	30	18	5	5	10
	MTH ACT												MTH ACT					
CUM	2018-19											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						61.84	5.02	2.08	4.08	52.38		MTH ACT	52.70	1.60	0.50	4.20	16.50
CUM	2018-19	62.80	2.60	2.00	17.60	4.20	61.73	4.47	2.12	3.55	44.58	CUM	2018-19	47.71	2.21	4.14	20.97	19.32
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	63.35	2.16	1.60	22.76	20.55	64.04	2.11	1.55	3.83	47.37
CUM	2018-19	62.61	3.14	1.66	21.95	15.68	63.28	3.09	1.93	2.50	51.29
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	62.71	1.91	1.77	24.38	11.97	62.34	2.75	2.89	5.98	41.41
CUM	2018-19	62.29	2.82	1.92	22.29	14.22	62.54	2.99	2.54	5.62	41.21
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	62.60	3.40	2.50	17.90	21.40	62.10	3.60	2.40	7.00	39.00		MTH ACT	30.80	18.50	3.20		
CUM	2018-19	62.59	3.18	2.78	14.29	19.96	62.08	3.24	2.77	4.55	22.31	CUM	2018-19	29.75	17.90	5.46		
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	62.60	3.50	2.50	17.70	21.30	62.00	3.50	2.60				MTH ACT	50.40	2.60	2.40		
CUM	2018-19	62.55	3.16	2.88	13.79	20.20	61.99	3.38	2.75	1.57	6.85	CUM	2018-19	50.56	2.35	2.91		
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	62.40	3.60	2.60	15.80	23.50	62.00	3.40	2.80		
CUM	2018-19	62.41	3.12	3.12	12.70	22.30	61.79	3.40	3.00	5.03	8.95
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	63.40	2.60	2.00	16.30	16.50	62.90	2.70	2.10		
CUM	2018-19	63.50	2.41	2.19	13.38	16.45	63.01	2.39	2.10	3.23	17.91
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	63.40	2.40	2.20	21.00	17.00	62.80	3.00	2.10	8.00	36.00
CUM	2018-19	63.44	2.50	2.25	16.43	15.69	62.93	2.58	2.39	7.89	35.05
CUM	2017-18	63.44	2.07	2.14	16.32	17.40	62.54	2.53	2.58	5.66	30.75

TAL	NORM	63.00	2.40	2.40	0.00	10.00	62.00	3.00	3.00	10.00	40.00
	MTH ACT										
CUM	2018-19	63.46	2.45	2.26	9.36	17.55					
CUM	2017-18	63.44	2.12	2.05	10.23	16.33					

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FLUX

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

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT						61.21	4.36	3.74	9.66	36.58	MTH ACT						
CUM	2018-19	64.79	1.47	1.18	66.82	0.70	61.21	4.73	3.29	8.62	37.21	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	62.67	2.67	2.74	18.79	1.24	63.07	3.22	2.42	4.88	42.87
CUM	2018-19	63.03	3.08	2.00	22.17	2.10	63.00	3.45	2.26	4.82	48.62
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	63.74	2.46	1.90	19.43	1.72	61.52	4.12	3.55	8.88	34.54
CUM	2018-19	62.79	3.52	2.00	20.08	1.24	61.77	3.88	3.18	8.52	39.37
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	62.78	2.88	2.30	22.38	1.38	59.90	5.74	4.17	7.32	45.77
CUM	2018-19	62.99	2.84	2.24	22.23	1.90	61.17	4.96	3.26	5.60	51.79
CUM	2017-18	62.41	2.41	3.68	23.83	4.96	61.01	3.09	4.95	3.76	43.00

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FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES	CaO%	MgO%	SiO ₂ %	OS%	US%	
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	TDM	30.0	18.0	5.0	5.0	10.0	
	MTH ACT						61.49	5.60	2.25	8.50	14.00		29.17	17.48	7.52	34.24	8.65	
CUM	2018-19						62.80	4.61	1.90	11.01	37.16	CUM	2018-19	28.57	17.63	8.24	34.53	9.35
CUM	2017-18											CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	KTR	NORM	50.0	2.25	3.50	5.0	5.0
	MTH ACT												MTH ACT	49.57	2.45	3.91	11.20	17.90
CUM	2018-19						62.32	4.69	1.61	1.10	39.60	CUM	2018-19	49.99	2.19	3.92	7.89	8.84
CUM	2017-18											CUM	2017-18	50.46	1.89	3.64	7.16	18.33

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

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

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

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

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.74	2.99	2.34	13.94	21.08	5.33	0.78	
APP 18-19	62.70	2.80	2.50	5.00	10.00	5.30	0.89	
Apr-18	62.81	3.09	2.44	16.20	17.03	5.53	0.79	84301
May-18	62.90	2.92	2.36	11.48	18.25	5.28	0.81	87515
Jun-18	62.73	2.96	2.57	13.00	17.55	5.53	0.87	72702
Jul-18	62.56	3.63	2.10	11.74	22.34	5.73	0.58	89879
Aug-18	62.48	3.76	2.12	12.68	21.33	5.88	0.56	67213
Sep-18	62.39	3.92	2.02	15.84	19.28	5.94	0.52	86320
Oct-18	62.40	3.10	3.02	13.72	20.32	6.13	0.97	80665
Nov-18	62.43	3.30	2.83	15.63	20.14	6.12	0.86	87475
Dec-18	62.71	3.31	2.34	17.78	20.42	5.65	0.71	97108
Jan-19								
Feb-19								
Mar-19								
CUMML	62.60	3.33	2.42	14.33	19.65	5.75	0.73	753178

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.23	3.19	2.50	8.68	32.69	5.69	0.78	
APP 18-19	62.50	3.20	2.60	5.00	30.00	5.80	0.81	
Apr-18	62.27	3.12	2.71	10.17	29.79	5.82	0.87	224518
May-18	62.19	3.06	2.86	10.54	31.07	5.92	0.94	214882
Jun-18	62.25	3.17	2.69	7.45	32.15	5.86	0.85	250772
Jul-18	62.06	3.52	2.61	8.20	32.85	6.13	0.74	226427
Aug-18	62.02	3.96	2.23	9.38	30.25	6.20	0.56	229623
Sep-18	62.04	3.95	2.34	11.02	31.67	6.29	0.59	270810
Oct-18	62.00	3.42	2.78	8.60	34.89	6.21	0.81	260109
Nov-18	62.06	3.38	2.71	8.55	37.56	6.09	0.80	258083
Dec-18	62.08	3.83	2.29	8.19	34.72	6.12	0.60	229295
Jan-19								
Feb-19								
Mar-19								
CUMML	62.11	3.50	2.58	9.12	32.86	6.08	0.74	2164519

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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	62.61	2.96	2.92	17.42	18.86	5.87	0.99	55486
Nov-18	62.80	3.12	2.43	16.49	18.47	5.55	0.78	57382
Dec-18	62.71	3.37	2.40	17.17	21.00	5.77	0.71	90698
Jan-19								
Feb-19								
Mar-19								
CUMML	62.67	3.14	2.51	14.33	20.01	5.65	0.80	742458

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.04	3.44	2.59	6.94	32.44	6.03	0.75	
APP 18-19	62.00	3.90	2.60	5.00	35.00	6.50	0.67	
Apr-18	62.03	3.32	2.82	5.53	35.29	6.14	0.85	203415
May-18	61.78	3.64	2.92	5.02	37.76	6.57	0.80	221291
Jun-18	61.81	3.79	2.73	5.65	35.66	6.52	0.72	259755
Jul-18	61.97	3.63	2.58	7.12	35.16	6.21	0.71	185424
Aug-18	61.85	4.28	2.25	6.74	33.38	6.53	0.53	196224
Sep-18	61.98	3.94	2.45	5.23	36.78	6.39	0.62	224045
Oct-18	61.72	3.93	2.66	4.17	39.71	6.59	0.68	246251
Nov-18	61.69	3.93	2.85	4.89	40.65	6.78	0.73	261435
Dec-18	61.96	3.82	2.55	6.18	36.06	6.37	0.67	236899
Jan-19								
Feb-19								
Mar-19								
CUMML	61.86	3.82	2.65	5.55	36.89	6.47	0.70	2034739

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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	61.65	4.19	2.06	25.72	10.51	6.25	0.49	169282
Nov-18	62.99	2.55	1.95	22.25	12.20	4.50	0.77	170096
Dec-18	63.01	2.26	1.96	23.41	11.18	4.22	0.87	239216
Jan-19								
Feb-19								
Mar-19								
CUMML	62.59	2.99	1.97	21.18	12.93	4.95	0.66	1605479

ग्राम

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.74	2.96	1.86	13.08	15.88	4.82	0.63	
APP 18-19	62.50	3.00	2.20	5.00	10.00	5.20	0.73	
Apr-18	63.19	2.28	1.74	25.25	4.92	4.02	0.76	107438
May-18	63.11	2.89	1.76	14.83	9.00	4.64	0.61	108220
Jun-18	63.50	2.08	1.99	14.25	5.83	4.06	0.96	101865
Jul-18	62.72	4.09	1.53	16.21	7.99	5.62	0.37	97342
Aug-18	62.57	4.01	1.53	24.44	8.56	5.54	0.38	85455
Sep-18	62.38	3.31	1.87	23.62	13.01	5.18	0.56	67829
Oct-18	63.02	3.18	1.77	39.65	5.80	4.95	0.56	82249
Nov-18	61.91	4.26	2.39	24.27	9.69	6.64	0.56	69008
Dec-18	62.92	2.50	2.33	20.13	8.13	4.83	0.93	95441
Jan-19								
Feb-19								
Mar-19								
CUMML	62.87	3.10	1.86	21.96	7.87	4.97	0.60	814847

बोलानी

फाइन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	62.53	2.94	2.65	6.84	39.97	5.59	0.90	
APP 18-19	62.50	2.90	2.80	5.00	35.00	5.70	0.97	
Apr-18	62.54	2.86	2.78	6.51	42.47	5.65	0.97	305439
May-18	62.15	3.31	2.79	5.23	41.13	6.09	0.84	326463
Jun-18	61.91	3.20	3.20	6.28	41.02	6.40	1.00	302797
Jul-18	61.88	3.67	2.90	5.98	37.91	6.57	0.79	276620
Aug-18	62.44	3.69	1.98	6.48	40.06	5.67	0.54	213558
Sep-18	62.29	3.76	2.23	7.98	35.88	5.99	0.59	226512
Oct-18	62.42	3.24	2.49	7.19	35.80	5.73	0.77	281369
Nov-18	62.03	3.58	2.98	6.37	39.88	6.56	0.83	297813
Dec-18	62.01	3.30	3.15	7.13	38.64	6.45	0.96	277108
Jan-19								
Feb-19								
Mar-19								
CUMML	62.18	3.38	2.76	6.52	39.34	6.14	0.82	2507679

ग्राम

फाइन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.26	2.76	2.16	2.88	49.07	4.92	0.78	
APP 18-19	62.50	2.90	2.80	5.00	45.00	5.70	0.97	
Apr-18	62.83	2.83	2.58	4.45	49.64	5.41	0.91	226000
May-18	62.49	3.42	2.44	3.05	49.27	5.86	0.71	193903
Jun-18	63.15	3.03	2.08	3.06	53.79	5.11	0.69	189726
Jul-18	63.27	3.59	1.99	4.21	47.87	5.58	0.55	213639
Aug-18	63.18	3.76	1.82	3.30	51.20	5.58	0.48	220940
Sep-18	63.77	2.89	1.78	2.83	51.54	4.67	0.62	198606
Oct-18	63.45	3.03	1.93	3.78	49.26	4.96	0.64	209390
Nov-18	62.18	4.36	2.38	5.23	47.44	6.74	0.55	183303
Dec-18	63.28	2.96	2.21	4.61	43.85	5.18	0.75	194955
Jan-19								
Feb-19								
Mar-19								
CUMML	63.08	3.31	2.13	3.83	49.34	5.44	0.64	1830462

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	62.33	2.80	3.54	15.68	21.80	6.33	1.26	63964
Nov-18	62.43	2.91	3.16	15.99	20.69	6.06	1.09	58251
Dec-18	62.81	2.54	2.64	17.91	20.04	5.18	1.04	75127
Jan-19								
Feb-19								
Mar-19								
CUMML	62.54	2.88	3.04	14.26	21.23	5.92	1.05	389694

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	61.32	3.67	3.57	12.46	34.61	7.23	0.97	92509
Nov-18	61.39	3.52	3.59	6.68	33.16	7.11	1.02	143095
Dec-18	61.70	3.34	3.38	5.92	32.11	6.72	1.01	99184
Jan-19								
Feb-19								
Mar-19								
CUMML	61.68	3.37	3.43	7.37	34.30	6.80	1.02	718415

तल्डौह

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	63.72	2.09	1.80	12.11	13.13	3.89	0.86	22143
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.43	2.45	2.24	9.94	16.95	4.69	0.91	177418

तल्डौह

फाईन्स

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

मनोहरपुर

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.95	1.81	2.04	14.25	11.85	3.85	1.13	
APP 18-19	63.00	2.00	2.20		10.00	4.20	1.10	
Apr-18	63.85	2.37	1.91	17.35	10.12	4.27	0.80	14822
May-18	63.82	2.21	2.05	13.16	12.54	4.26	0.93	51785
Jun-18	63.70	2.20	2.21	12.40	14.14	4.41	1.01	26780
Jul-18	63.85	2.16	2.02	12.37	14.53	4.19	0.94	14930
Aug-18	63.64	2.51	2.08	12.07	14.72	4.59	0.83	26105
Sep-18	63.52	2.27	1.95	12.31	12.63	4.23	0.86	41643
Oct-18	63.61	2.23	1.94	19.75	10.64	4.17	0.87	32349
Nov-18	63.74	2.07	2.06	14.35	14.71	4.13	1.00	35653
Dec-18	63.32	2.44	2.04	17.37	7.41	4.47	0.84	44525
Jan-19								
Feb-19								
Mar-19								
CUMML	63.64	2.27	2.03	14.58	12.14	4.30	0.89	288592

काल्टा

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.59	2.02	1.98	9.38	14.97	4.00	0.98	
APP 18-19	63.00	2.10	2.30	5.00	10.00	4.40	1.10	
Apr-18	63.80	2.23	2.12	5.36	12.98	4.36	0.95	76378
May-18	63.73	2.27	2.13	6.78	13.80	4.40	0.94	75302
Jun-18	63.63	2.24	2.23	6.57	14.41	4.47	0.99	66194
Jul-18	63.36	2.46	2.32	9.01	13.89	4.77	0.94	51977
Aug-18	63.75	2.16	1.94	7.76	14.65	4.10	0.90	89996
Sep-18	63.74	2.11	2.15	11.85	16.17	4.26	1.02	57629
Oct-18	63.53	2.28	2.20	13.65	15.47	4.48	0.96	79592
Nov-18	63.54	2.25	2.29	14.26	15.63	4.54	1.02	77665
Dec-18	63.46	2.53	1.95	15.59	16.08	4.48	0.77	81430
Jan-19								
Feb-19								
Mar-19								
CUMML	63.62	2.28	2.13	10.16	14.80	4.41	0.94	656163

मनोहरपुर

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 17-18	63.08	2.32	2.59	4.55	31.83	4.91	1.12	
APP 18-19	63.00	2.40	2.60	5.00	40.00	5.00	1.08	
Apr-18								
May-18	63.48	2.18	2.55	4.35	29.58	4.73	1.17	18163
Jun-18	63.21	2.81	2.33	5.15	38.40	5.14	0.83	33712
Jul-18	63.20	2.42	2.39	5.31	30.66	4.81	0.99	30698
Aug-18	62.98	2.47	2.54	5.13	30.38	5.01	1.03	19028
Sep-18	62.97	2.89	2.17	5.87	32.36	5.07	0.75	26572
Oct-18	63.25	2.16	2.38	6.00	33.02	4.54	1.10	29959
Nov-18	63.15	2.40	2.60	4.78	30.41	5.00	1.08	39390
Dec-18	62.56	3.28	2.38	5.92	34.32	5.65	0.72	50436
Jan-19								
Feb-19								
Mar-19								
CUMML	63.05	2.65	2.41	5.39	32.78	5.06	0.91	247958

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	63.18	2.24	2.28	4.83	30.63	4.52	1.02	73882
Nov-18	62.90	2.49	2.37	6.87	38.56	4.86	0.95	72362
Dec-18	63.19	2.50	2.00	4.37	29.49	4.49	0.80	77297
Jan-19								
Feb-19								
Mar-19								
CUMML	63.07	2.40	2.15	5.32	31.47	4.55	0.89	567006

गृणवत्ता :: बोकारो

लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.19	2.73	1.86	13.54	19.96	4.58	0.68	2226628
APP 18-19	62.67	2.71	2.44	2.78	10.00	5.15	0.90	2700000
Apr-18	63.09	2.75	2.20	11.93	16.11	4.95	0.80	178066
May-18	63.22	2.69	2.12	10.39	16.22	4.81	0.79	185906
Jun-18	63.02	2.73	2.36	12.99	18.16	5.08	0.86	183133
Jul-18	62.74	3.43	1.98	12.88	20.59	5.41	0.58	201770
Aug-18	63.21	2.84	1.73	14.73	18.05	4.57	0.61	229223
Sep-18	63.09	3.00	1.76	18.02	16.58	4.75	0.59	222396
Oct-18	63.35	2.61	1.83	15.72	14.49	4.43	0.70	177350
Nov-18	63.23	2.50	2.14	16.50	15.06	4.64	0.86	164898
Dec-18	63.15	2.45	2.18	19.56	15.55	4.62	0.89	217175
Jan-19								
Feb-19								
Mar-19								
CUMML	63.11	2.79	2.01	14.80	16.91	4.81	0.72	1759917

गृणवत्ता:: दर्गापूर

लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.74	2.51	1.82	14.21	15.62	4.33	0.72	1358966
APP 18-19	62.64	2.79	2.34	5.00	10.00	5.13	0.84	1750000
Apr-18	63.14	2.10	1.85	25.66	13.33	3.95	0.88	110875
May-18	62.85	2.37	1.62	17.95	16.08	3.99	0.68	136826
Jun-18	62.56	2.37	1.97	18.69	16.94	4.34	0.83	140140
Jul-18	62.56	2.75	1.71	17.04	16.16	4.46	0.62	107770
Aug-18	61.63	4.85	1.57	20.09	16.71	6.42	0.32	90545
Sep-18	61.59	3.88	2.07	24.46	14.24	5.95	0.53	132290
Oct-18	61.43	3.74	2.24	28.47	10.55	5.99	0.60	122285
Nov-18	62.66	2.76	1.77	22.89	13.31	4.53	0.64	115050
Dec-18	62.86	1.97	1.73	24.01	13.94	3.70	0.88	138255
Jan-19								
Feb-19								
Mar-19								
CUMML	62.38	2.91	1.85	22.16	14.57	4.76	0.63	1094036

गृणवत्ता :: बोकारो

फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.33	3.35	2.41	6.13	33.98	5.76	0.72	3910390
APP 18-19	62.38	3.15	2.72	5.45	31.74	5.87	0.86	4200000
Apr-18	62.10	3.38	2.79	6.73	31.85	6.17	0.82	270674
May-18	61.94	3.57	2.91	6.05	34.23	6.48	0.82	332918
Jun-18	62.21	3.51	2.70	5.70	33.43	6.21	0.77	424539
Jul-18	62.12	3.66	2.66	6.24	34.27	6.32	0.73	332728
Aug-18	61.90	3.84	2.34	6.80	33.48	6.17	0.61	340269
Sep-18	62.00	3.82	2.47	7.10	33.22	6.29	0.65	448034
Oct-18	61.98	3.65	2.71	6.43	33.50	6.36	0.74	290106
Nov-18	61.86	3.56	2.99	6.63	34.33	6.56	0.84	340931
Dec-18	62.24	3.54	2.45	6.71	31.45	5.99	0.69	349449
Jan-19								
Feb-19								
Mar-19								
CUMML	62.05	3.62	2.66	6.49	33.32	6.28	0.74	3129648

गृणवत्ता:: दर्गापूर

फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.34	2.62	1.97	4.27	46.20	4.59	0.75	2405030
APP 18-19	62.50	2.90	2.80	5.00	33.65	5.70	0.97	2520000
Apr-18	62.99	2.55	2.33	4.62	44.88	4.88	0.91	247845
May-18	62.56	3.06	2.44	3.34	45.68	5.49	0.80	242803
Jun-18	62.46	2.89	2.57	3.80	45.47	5.46	0.89	203905
Jul-18	62.48	3.47	2.45	3.42	44.30	5.92	0.71	221715
Aug-18	63.11	3.53	1.86	3.16	47.97	5.39	0.53	232830
Sep-18	63.36	3.23	1.72	5.80	46.18	4.94	0.53	197990
Oct-18	62.89	2.91	2.22	5.78	41.68	5.13	0.76	249710
Nov-18	62.32	3.54	2.61	4.74	44.68	6.14	0.74	230815
Dec-18	62.67	2.72	2.57	5.45	43.15	5.30	0.95	221975
Jan-19								
Feb-19								
Mar-19								
CUMML	62.76	3.09	2.31	4.45	44.85	5.40	0.75	2049588

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	62.63	2.67	3.25	16.12	19.87	5.92	1.22	213013
Nov-18	62.73	2.96	2.81	16.02	19.41	5.77	0.95	217041
Dec-18	62.84	3.19	2.35	17.29	19.98	5.55	0.74	250822
Jan-19								
Feb-19								
Mar-19								
CUMML	62.84	2.93	2.68	13.45	19.32	5.61	0.92	1777719

गुणवत्ता :: बर्नपूर इस्पात संयंत्र

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.64	2.79	2.97	18.42	4.74	5.76	1.07	770640
APP 18-19	62.67	2.75	2.35	3.85	10.00	5.10	0.85	1300000
Apr-18	63.43	2.14	1.87	22.60	0.98	4.01	0.88	107100
May-18	62.96	2.67	2.36	15.93	0.66	5.03	0.89	89681
Jun-18	63.42	2.49	2.14	19.02	1.14	4.62	0.86	131010
Jul-18	62.58	4.38	1.66	15.91	4.29	6.04	0.38	89222
Aug-18	62.96	3.67	1.44	20.29	1.18	5.11	0.39	95340
Sep-18	62.76	3.45	1.99	20.38	1.05	5.44	0.57	34888
Oct-18	62.25	5.14	1.56	40.77	1.53	6.71	0.30	73082
Nov-18	62.24	4.11	2.60	25.50	4.79	6.71	0.63	58541
Dec-18	63.05	2.63	2.39	19.51	1.42	5.02	0.91	117293
Jan-19								
Feb-19								
Mar-19								
CUMML	62.95	3.23	2.00	21.57	1.77	5.23	0.62	796157

गुणवत्ता :: राउरकेला

फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.30	2.95	2.47			5.42	0.84	3512612
APP 18-19	62.47	3.00	2.68	5.12	33.33	5.68	0.89	4050000
Apr-18	62.57	2.67	2.41			5.08	0.90	300665
May-18	62.42	2.81	2.72			5.53	0.97	304916
Jun-18	62.33	2.93	2.74			5.67	0.94	304241
Jul-18	62.07	3.12	2.89			6.02	0.93	279406
Aug-18	61.97	3.63	2.51			6.14	0.69	230896
Sep-18	62.10	3.29	2.68			5.97	0.82	319089
Oct-18	61.98	3.34	2.80			6.13	0.84	494909
Nov-18	62.13	3.22	2.73			5.96	0.85	435220
Dec-18	62.20	3.41	2.42			5.83	0.71	320436
Jan-19								
Feb-19								
Mar-19								
CUMML	62.19	3.16	2.67			5.83	0.85	2989778

गुणवत्ता :: बर्नपूर इस्पात संयंत्र

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.59	3.13	3.39	6.41	45.97	6.52	1.08	2530484
APP 18-19	62.42	3.06	2.77	5.00	35.71	5.83	0.91	3150000
Apr-18	62.39	3.07	3.07	6.97	47.99	6.14	1.00	254580
May-18	62.06	3.73	2.81	5.42	46.35	6.54	0.75	197300
Jun-18	62.33	3.35	2.94	5.92	49.14	6.29	0.88	246940
Jul-18	62.52	3.84	2.54	7.01	41.65	6.38	0.66	218928
Aug-18	62.58	4.21	2.03	7.49	42.02	6.24	0.48	208980
Sep-18	63.37	3.34	2.02	5.27	47.26	5.36	0.60	112640
Oct-18	63.30	3.40	2.05	5.66	45.93	5.45	0.60	155026
Nov-18	61.65	4.48	3.01	6.95	42.99	7.49	0.67	245670
Dec-18	62.20	3.76	3.03	6.88	39.34	6.79	0.81	288871
Jan-19								
Feb-19								
Mar-19								
CUMML	62.39	3.71	2.69	6.52	44.34	6.40	0.73	1928935

गुणवत्ता :: बोकारो इस्पात संयं

तुलसीदामर

BF DOLOMITE

	CaO	MgO	SiO2	OS	US
Act 17-18	29.75	18.89	5.47	5.92	9.88
APP 18-19	30.00	18.00	5.00	5.00	10.00
Apr-18	30.21	19.92	4.98	3.75	9.00
May-18	30.72	21.94	4.91	4.10	8.80
Jun-18	29.98	20.21	5.00	4.18	8.72
Jul-18	31.13	20.53	4.95	4.60	8.58
Aug-18	27.42	18.74	5.16	4.55	9.33
Sep-18	28.35	19.25	4.15	6.43	10.15
Oct-18	28.08	17.67	5.30	9.50	9.10
Nov-18	29.78	17.64	5.12	4.55	9.20
Dec-18	27.48	17.71	4.76	4.81	9.18
Jan-19					
Feb-19					
Mar-19					
CUMML	29.13	19.31	4.96	5.22	9.08

कुटेश्वर

BF LIMESTONE

	CaO	MgO	SiO ₂	OS	US
Act 17-18	45.56	2.57	3.33	4	26.14
APP 18-19	50.00	2.25	3.50	5.00	5.00
Apr-18	42.91	2.30	3.68	2.76	22.73
May-18	44.76	1.87	3.58	6.33	25.83
Jun-18	44.49	2.25	3.66	4.48	25.17
Jul-18	45.60	2.29	3.74	4.66	25.57
Aug-18	45.57	2.23	3.38	4.49	24.05
Sep-18	42.78	2.58	3.54	9.06	24.11
Oct-18	43.51	2.76	3.91	6.99	27.05
Nov-18	40.65	3.73	3.63	7.71	22.66
Dec-18	42.87	2.72	3.43	8.63	18.01
Jan-19					
Feb-19					
Mar-19					
CUMML	43.83	2.56	3.62	6.11	24.11

गुणवत्ता :: भिलाई इस्पात संयं

तुलसीदामर

BF DOLOMITE

	CaO	MgO	SiO2	OS	US
Act 17-18					
APP 18-19	30.00	18.00	5.00	5.00	10.00
Apr-18	28.09	17.42	9.29	34.78	11.20
May-18	28.90	17.95	7.33	34.68	10.43
Jun-18	28.61	17.77	7.86	34.05	7.85
Jul-18	29.12	17.13	8.52	34.70	9.55
Aug-18	28.20	17.66	8.66	35.16	9.58
Sep-18	27.14	17.80	9.67	31.00	7.80
Oct-18	28.61	18.33	7.22	38.60	9.75
Nov-18	28.45	18.52	6.81	28.60	9.10
Dec-18	29.17	17.48	7.52	34.24	8.65
Jan-19					
Feb-19					
Mar-19					
CUMML	28.57	17.63	8.24	34.53	9.35

कुटेश्वर

BF LST

	CaO	MgO	SiO2	OS	US
Act 17-18	50.40	1.89	3.64	7.16	18.33
APP 18-19	50.00	2.25	3.50	5.00	5.00
Apr-18	50.02	2.09	3.95	6.95	19.72
May-18	49.99	2.26	3.92	8.40	16.81
Jun-18	49.79	2.30	4.02	8.05	21.79
Jul-18	49.35	2.65	3.87	9.43	18.85
Aug-18	50.08	2.20	3.80	8.70	18.40
Sep-18	50.40	1.80	3.80	11.00	16.67
Oct-18	49.51	2.40	4.12	8.98	20.18
Nov-18	48.63	2.88	4.33	9.86	20.61
Dec-18	49.57	2.45	3.91	11.20	17.90
Jan-19					
Feb-19					
Mar-19					
CUMML	49.99	2.19	3.92	7.89	8.84

PROJ. NO.	CUMM. UTILIS. UPTO Dec '18	MAKE / TYPE	CAP	DATE OF COMMISSION	DECEMBER 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 [3]																										
EX-20	24369	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	8	429	612	183	98.71	29.90	29.52	4.39	57.10	5500	161	3208	5339	2131	97.1	39.9	38.7	5.12	57.46		
EX-22	13205	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620	5	291	615	324	99.19	52.68	52.26	4.95	58.02	5500	579	2454	4921	2467	89.5	50.1	44.9	5.01	63.65		
EX-23	14166	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620	3	257	617	360	99.52	58.35	58.06	5.20	65.83	5500	112	2161	5389	3228	98.0	59.9	58.7	5.15	58.36		
*EX-19 shifted to MIOM during July 16					TOTAL	1860	16	977	1844	867	99.14	47.02	46.61	4.94	61.07	16500	852	7823	15649	7826	94.8	50.0	47.4	5.10	59.78	
DUMPERS [7]																										
DUM 88	28841	KOMATSU HD785-7	100 Te	23-Jul-10	620	35	236	585	349	94.35	59.66	56.29	3.35	43.98	5500	3093	863	2407	1544	43.8	64.1	28.1	3.41	52.10		
DUM 89	33277	KOMATSU HD785-7	100Te	23-Jul-10	620	13	242	607	365	97.90	60.13	58.87	3.47	42.19	5500	810	1755	4690	2935	85.3	62.6	53.4	3.54	46.32		
DUM-91	18341	CAT 777D	100T	2-Feb-12	620	620		0	0	0.00	0.00	0.00	0.00	0.00	5500	2340	1957	3160	1203	57.5	38.1	21.9	3.43	49.37		
DUM-92	20457	CAT 777D	100T	2-Feb-12	620	620		0	0	0.00	0.00	0.00	0.00	0.00	5500	2367	1872	3133	1261	57.0	40.2	22.9	3.48	41.08		
DUM-93	7264	BEML BH-100	100T	2-May-15	620	81	280	539	259	86.94	48.05	41.77	3.51	47.68	5500	1963	2093	3537	1444	64.3	40.8	26.3	3.64	49.72		
DUM-94	5917	BEML BH-100	100T	2-May-15	620	66	440	554	114	89.35	20.58	18.39	4.11	62.72	5500	718	3226	4782	1556	86.9	32.5	28.3	3.37	51.95		
DUM-95	4720	BEML BH-100S	100T	May 2016	620	53	436	567	131	91.45	23.10	21.13	3.53	66.79	5500	491	3807	5009	1202	91.1	24.0	21.9	4.20	55.04		
					TOTAL	4340	1488	1634	2852	1218	65.71	42.71	28.06	3.51	48.44	38500	11782	15573	26718	11145	69.4	41.7	28.9	3.56	49.03	
DRILL [4]																										
DM-17	22476	IR-ROTACOL-IDM-30	160mm	24-Mar-05	496	173	300	323	23	65.12	7.12	4.64	8.39	67.39	4400	2269	1589	2131	542	48.4	25.4	12.3	9.29	41.70		
DM-18	25604	AC-ROTACOL-IDM-30	160mm	19-May-08	496	120	243	376	133	75.81	35.37	26.81	9.66	19.17	4400	1814	1529	2586	1057	58.8	40.9	24.0	11.40	23.84		
DM-19	18828	AC-ROTACOL-IDM-30	160mm	14-Oct-09	496	496		0	0	0.00	0.00	0.00	0.00	0.00	4400	4400	0	0	0	0.0	0.0	0.0	0.00	0.00		
DM-20	9807	AC-ROTACOL-IDM-30	160mm	Oct '14	496	24	255	472	217	95.16	45.97	43.75	11.11	23.73	4400	658	1673	3742	2069	85.0	55.3	47.0	10.82	22.76		
					TOTAL	1984	813	798	1171	373	59.02	31.85	18.80	10.42	24.80	17600	9141	4791	8459	3668	48.1	43.4	20.8	10.76	25.87	
DOZER [7]																										
DOZ-27	33570	BEML, D-355	410HP	15-May-01				0	0	0.00	0.00	0.00		0.00	3904	3904	0	0	0	0.0	0.0	0.0	0.0	0.00		
DOZ-28	26491	BEML, D-355	410HP	14-May-04	496	496		0	0	0.00	0.00	0.00		0.00	4400	2667	1307	1733	426	39.4	24.6	9.7		31.90		
DOZ-29	18180	BEML, D-355	410HP	11-Jun-04				0	0	0.00	0.00	0.00		0.00	3904	3904	0	0	0	0.0	0.0	0.0	0.0	0.00		
DOZ-30	21708	BEML, D-355	410HP	8-Jul-07	496	131	280	365	85	73.59	23.29	17.14		32.35	4400	518	3177	3882	706	88.2	18.2	16.0		35.63		
DOZ-31	19797	BEML, D-355	410 HP	19-Feb-09	496	44	235	452	217	91.13	48.01	43.75		49.77	4400	1280	2120	3120	1001	70.9	32.1	22.7		32.49		
DOZ-32	6333	BEML, D-355	410 HP	17-Apr-15	496	28	349	468	119	94.35	25.43	23.99		40.34	4400	2457	1276	1943	667	44.2	34.3	15.2		45.62		
DOZ-33	3597	BEML, D-356	410HP	22-Sep-17	496	152	200	344	145	69.35	42.01	29.13		31.14	4400	265	1783	4135	2352	94.0	56.9	53.5		35.57		
DOZ-34		BEML, D-356	410HP	31-Dec-18										0.00	0	0	0	0	0.0	0.0	0.0	0.0	0.00			
					TOTAL	2480	851	1064	1629	566	65.69	34.71	22.80		41.29	29808	14995	9662	14813	5151	49.7	34.8	17.3		36.07	
PAY LOADER [1]																										
FEL-4	11496	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248	23	137	225	88	90.73	39.11	35.48		22.16	2200	128	1096	2073	977	94.2	47.1	44.4		17.36		
MPTOR GRADER [3]																										
MG-6	80	BEML, GD-605R2	145 HP	9-Oct-87				0	0	0.00	0.00	0.00		0.00	728	170	478	558	80	76.6	14.3	11.0		35.63		
MG-7	6322	BEML, BG 825	280HP	10-Jul-91	248	248		0	0	0.00	0.00	0.00		0.00	2200	2200	0	0	0	0.0	0.0	0.0	0.0	0.00		
MG-8	3004	BEML, BG825	280HP	19-May-12	248	224	6	24	18	9.68	75.00	7.26		38.89	2200	1961	125	239	114	10.9	47.7	5.2		38.16		
					TOTAL	496	472	6	24	18	4.84	75.00	3.63		38.89	5128	4331	603	797	194	15.5	24.3	3.8		37.11	
WATER TANKER [2]																										
WT-83	20624	BEML, WS-28-2	28KL	21-Mar-05	620	596	8	24	17	3.87	68.75	2.66		0.00	5500	1543	3174	3958	784	72.0	19.8	14.2		30.98		
WT-90	12884	BEML, WS-28-2	28KL	Mar '11	620	6	431	614	183	99.03	29.80	29.52		0.00	5500	3883	1107	1617	511	29.4	31.6	9.3		9.56		
					TOTAL	1240	602	439	638	200	51.45	31.27	16.09		0.00	11600	6026	4281	5575	1294	48.1	23.2	11.2		22.53	

MEGHAHATUBURU IRON ORE MINES

PROJ. NO.	CUMM. UTILIS. UPTO Dec '18	MAKE / TYPE	CAPACITY	DATE OF COMM	December'2018										2018-2019										
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	F/ 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	36629	BEML	4.5 CUM	30-09-2005	744	268	373	476	103	64	14	22	0.7	27.2	6600	4229	1833	2372	539	35.93	8.16	22.71	2.0	24	
EXCAVATORS 9.5 CUM.																									
PC-14	30605	KOMATSU	9.5 CUM	20-01-2012	744	140	268	604	336	81	45	56	14.5	91.5	6600	2394	1714	4206	2492	63.73	37.76	59.25	11.8	81	
PC-17	15161	KOMATSU	9.5 CUM	24-07-2015	744	125	265	619	354	83	48	57	15.6	91.2	6600	1592	1913	5008	3095	75.88	46.89	61.80	12.4	81	
PC-18	28360	KOMATSU	9.5 CUM	11-07-2016	744	415	180	329	149	44	20	45	9.0	93.0	6600	2062	1798	4538	2740	68.76	41.52	60.38	11.2	82	
			Total	TOTAL	2232	680	713	1552	839	70	38	54	14.0	91.6	19800	6048	5425	13752	8327	69.45	42.06	60.55	11.8	81	
DUMPER,50 TE																									
D - 49	28041.5	BEML	50 TON	05-03-2007	744	490	205	254	50	34	7	19	3.3	38.6	6600	3801	2361	2799	439	42.41	6.64	15.67	2.3	26	
D - 50	23971	BEML	50 TON	15-04-2007	744	744										6600	6570	14	30	16	0.45	0.24	53.33	1.0	19
			Total	TOTAL	1488	1234	205	254	50	17	3	19	3.3	38.6	13200	10371	2375	2829	455	21.43	3.44	16.07	2.3	26	
DUMPER,100 TE																									
D - 51	28246	KOMATSU	100 TON	01-09-2010	744	152	226	593	367	80	49	62	4.0	35.3	6600	2565	1411	4036	2625	61.14	39.77	65.05	3.7	34	
D - 52	29791	KOMATSU	100 TON	01-09-2010	744	612	36	132	96	18	13	73	4.2	32.3	6600	2681	1234	3920	2686	59.39	40.70	68.53	3.5	34	
D - 53	28352	KOMATSU	100 TON	01-09-2010	744	247	181	497	316	67	42	64	3.7	35.9	6600	4166	887	2434	1547	36.88	23.44	63.56	3.5	36	
D - 54	15258	CATER	100 TON	06-02-2012	744	366	241	379	138	51	19	36	4.2	33.3	6600	3339	2256	3261	1005	49.41	15.23	30.82	3.5	36	
D - 55	17551	CATER	100 TON	06-02-2012	744	379	272	366	94	49	13	26	4.3	36.7	6600	2427	2843	4173	1330	63.23	20.15	31.87	3.5	37	
D - 56	6940	BEML	100 TON	09-05-2016	744	266	225	478	253	64	34	53	4.1	34.6	6600	2113	2109	4488	2379	67.99	36.05	53.01		37	
D - 57	7124	BEML	100 TON	09-05-2016	744	363	173	382	209	51	28	55	4.1	34.4	6600	2197	2125	4404	2279	66.72	34.53	51.75		38	
			Total	TOTAL	5208	2383	1352	2825	1473	54	28	52	4.0	34.9	46200	19486	12863	26714	13851	57.82	29.98	51.85	3.6	36	
DRILL																									
DM - 7	23584	IR	6 " DIA	01-04-2005	372	232	53	140	87	38	23	62	9.0	32.9	3300	2557	405	743	339	22.52	10.26	45.56	6.7	32	
DM - 8	20868	IR	6 " DIA	05-05-2008	372	77	90	295	205	79	55	69	9.2	31.2	3300	1523	511	1778	1267	53.86	38.39	71.28	10.6	31	
DM - 9	19504	IR	6 " DIA	16-09-2009	372	239	29	133	105	36	28	79	7.8	32.1	3300	1651	459	1650	1191	49.98	36.08	72.17	12.5	29	
DM - 10	11775	IR	6 " DIA	06-11-2014	372	38	80	335	255	90	68	76	13.4	33.2	3300	478	519	2823	2304	85.53	69.82	81.63	17.1	28	
			Total	TOTAL	1488	586	252	903	651	61	44	72	10.6	32.4	13200	6208	1893	6993	5100	53.0	38.6	72.9	13.7	29	
DOZER																									
DOZ-23	21476	BEML	410 HP	02-10-2008	744	297	308	447	139	60	19	31		34.5	6600	2916	2227	3685	1458	55.83	22.08	39.56		26	
DOZ-24	17960	BEML	410 HP	06-04-2010	744	385	258	359	102	48	14	28		33.5	6600	2197	2598	4403	1805	66.71	27.35	40.99		27	
DOZ-25	8093	BEML	410 HP	28-12-2010	744	332	355	412	57	55	8	14		33.3	6600	4798	1252	1802	550	27.30	8.33	30.52		29	
DOZ-26	16402	BEML	410 HP	16-05-2011	744	452	234	292	59	39	8	20		35.0	6600	3139	2325	3462	1137	52.45	17.22	32.83		27	
DOZ-27	9395	BEML	410 HP	28-04-2015	744	744										6600	4685	1000	1915	915	29.02	13.86	47.78		26
DOZ-28	2193	BEML	410HP	31-03-2018	744	164	316	580	265	78	36	46		36.6	6600	2011	2396	4589	2193	69.53	33.23	47.79		28	
DOZ-29	82	BEML	410HP	19-12-2018	312	79	151	233	82	75	26	35		34.8	312	79	151	233	82	74.68	26.28	35.19		35	
			Total	TOTAL	4776	2453	1621	2323	703	49	15	30		35.1	39600	19745	11798	19855	8057	50.14	20.35	40.58		27	
BACK HOE																									
BE-12A	21500	BEML	1.2 CUM	Nov'08	744	506	147	238	91	32	12	38		24.2	6600	3390	2187	3210	1024	48.64	15.51	31.88		22	
HT-15	18097	TCECL	1.5 CUM	03-10-2012	744	291	223	453	231	61	31	51	0.4	25.6	6600	2649	1914	3951	2038	59.86	30.87	51.57	0.2	23	
HT-16	11495	TCECL	1.5 CUM	01-12-2014	744	341	200	403	203	54	27	50	0.4	24.7	6600	2814	1929	3786	1857	57.36	28.14	49.05	0.2	23	
			Total	TOTAL	2232	1138	570	1094	525	49	23	48	0.3	25.0	19800	8853	6029	10947	4918	55.29	24.84	44.93	0.2	23	
WATER TANKER																									
WT - 05	18613.5	BEML	28 KL	15.02.07	744	352	321	392	72	53	10	18	0.7	26.6	6600	6138	360	462	103	7.00	1.55	22.19		26	
WT - 06	11002	BEML	28 KL	17-08-2012	744	633	69	112	43	15	6	38	0.6	24.0	6600	2835	2866	3766	900	57.05	13.64	23.90	0.5	23	
WT - 45	31208	BEML	MODIFIED	29-09-2004	744	243	415	501	87	67	12	17	0.7	26.0	6600	2228	3580	4372	793	66.24	12.01	18.13	0.6	24	
			Total	TOTAL	2232	1228	804	1005	201	45	9	20	0.7	25.8	19800	11201	6805	8600	1795	43.43	9.07	20.87	0.5	23	
MOTOR GRADER																									
MG-5	3832	BEML		01-03-2011	248	248										2200	1990	189	210	21	9.55	0.95	10.00		21
MG-6	2219.5	BEML		09-05-2016	248	73	121	175	54	71	22	31			21	2200	565	1056	1635	580	74.32	26.34	35.44		23
			Total	TOTAL	496	321	121	175	54	35	11	31			21	4400	2555	1245	1845	601	41.93	13.65	32.55		23

BOLANI MINES

PROJ. NO.	CUMM. UTILIS. UPTO Dec '18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	DECEMBER 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	744	744									6600	4425	1928	2175	248	32.96	11.38	3.75			51.74
EX-26	30778	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744		709	744	35	100	4.7	4.7	0.29	44.29	6600	486	5645	6114	469	92.63	7.67	7.11	0.09	48.41	
				SUB TOTAL	1488	744	709	744	35	50.0	4.7	2.4	0.29	44.29	13200	4911	7573	8289	717	62.80	8.64	5.43	0.06	49.56	
EX-28	15359	BE-1600	7.5 Cu.m	22-Jun-10	744	183	527	562	35	75.5	6.2	4.7	3.23	53.43	6600	4012	2314	2589	275	39.22	10.60	4.16	0.50	72.09	
EX-29	24956	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	61	473	684	211	91.9	30.8	28.4	4.35	86.87	6600	1805	3443	4795	1352	72.65	28.19	20.48	4.18	79.42	
EX-30	13908	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	15	322	729	407	98.0	55.8	54.7	5.36	75.93	6600	283	3245	6317	3073	95.72	48.64	46.56	6.21	74.67	
EX-31	12489	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	79	380	665	285	89.4	42.9	38.3	4.81	78.65	6600	536	3204	6064	2860	91.89	47.16	43.33	5.45	76.06	
				SUB TOTAL	2976	338	1702	2638	936	88.6	35.5	31.5	4.90	78.54	26400	6635	12206	19765	7559	74.87	38.24	28.63	5.35	75.95	
				TOTAL	4464	1082	2411	3382	971	75.8	28.7	21.8	4.73	77.31	39600	11546	19779	28054	8276	70.84	29.50	20.90	4.89	73.67	
DUMPER,50 TE																									
HP-27	19667	BEML HP-210M	50 T	09-Sep-03											4272	3763	406	510	104	11.93	20.31	2.42		21.50	
HP-30	17558	C.I.773D(I)	50 T	01-Mar-06	744	8	725	736	11	98.9	1.5	1.5		45.45	6600	1622	4735	4978	243	75.42	4.88	3.68	0.07	21.70	
HP-32	23316	BEML BH-50M	50 T	06-Mar-08	744	8	701	736	35	98.9	4.8	4.7	0.29	30.57	6504	2461	3822	4043	222	62.16	5.48	3.41	0.12	33.33	
				TOTAL	1488	16	1426	1472	46	98.9	3.1	3.1	0.29	76.03	17376	7846	8963	9531	568	149.51	30.67	9.51	0.18	26.20	
DUMPER,100 TE																									
HP-32A	28557	KOMATSU HD785-7	100 T	22-Jun-10	744	360	218	384	166	51.6	43.2	22.3	3.04	33.31	6600	2353	2164	4247	2082	64.34	49.03	31.55	3.09	37.12	
HP-34	26579	KOMATSU HD785-7	100 T	22-Jun-10	744	728	16	16		2.2					6600	5221	804	1379	575	20.89	41.72	8.72	3.00	37.73	
HP-35	15516	BEML BH-100	100 T	22-Jun-10	744	309	422	435	13	58.5	3.0	1.7	6.31	26.15	6600	3771	2671	2829	159	42.86	5.60	2.40	2.91	40.21	
HP-36	11682	BEML BH-100	100 T	22-Jun-10	744	688	48	56	8	7.5	14.3	1.1			6600	3165	3205	3435	230	52.05	6.70	3.48	2.66	42.02	
HP-37	19087	CAT 777D	100 T	25-Jan-12	744	91	352	653	301	87.8	46.1	40.5	3.57	36.35	6600	2688	2175	3912	1737	59.27	44.40	26.32	3.29	37.13	
HP-38	8381	BEML BH-100S	100 T	03-May-16	744	35	475	709	234	95.3	33.0	31.5	3.53	36.30	6600	627	4003	5973	1971	90.51	32.99	29.86	3.07	36.59	
HP-39	8244	BEML BH-100S	100 T	03-May-16	744	155	370	589	219	79.2	37.2	29.4	3.30	38.68	6600	863	3392	5737	2345	86.92	40.87	35.52	3.33	37.93	
HP-40	8297	BEML BH-100S	100 T	03-May-16	744	57	286	687	401	92.3	58.4	53.9	3.42	40.43	6600	704	3411	5897	2485	89.34	42.15	37.65	3.15	38.65	
				TOTAL	5952	2423	2187	3529	1342	59.3	38.0	22.5	3.42	37.25	52800	19392	21825	33408	11583	63.27	34.67	21.94	3.16	37.69	
DRILL																									
DM-11	16759	AC-ROTACOL-IDM-30	160mm	14-Feb-08	496	173	184	323	139	65.1	43.0	28.0	14.24	33.41	4400	801	2361	3599	1238	81.79	34.39	28.13	11.54	32.75	
DM-12	17507	AC-ROTACOL-IDM-30	160mm	12-Aug-09	496	141	287	355	68	71.6	19.2	13.7	6.54	53.24	4400	2517	1028	1883	855	42.79	45.43	19.44	4.07	19.59	
DM-12A	15918	AC-ROTACOL-IDM-30	160mm	22-Mar-11	496	84	262	412	150	83.1	36.4	30.2	10.91	47.67	4400	1134	2132	3266	1134	74.22	34.73	25.77	10.61	41.37	
DM-14	8946	AC-ROTACOL-IDM-30	160mm	19-Nov-14	496	163	181	333	152	67.1	45.6	30.6	12.86	36.78	4416	984	1871	3433	1561	77.73	45.48	35.35	10.17	36.97	
				TOTAL	1984	561	914	1423	509	71.7	35.8	25.7	11.82	41.27	17616	5436	7392	12180	4788	69.14	39.31	27.18	9.54	33.82	
DOZER																									
DOZ-22	15857	BEML BD355	410 HP	06-Jul-07	496	111	188	385	197	77.6	51.2	39.7		29.29	4440	749	2033	3692	1659	83.14	44.94	37.36		32.32	
DOZ-23	11681	BEML BD355	410 HP	27-Aug-08	496		367	496	129	100	26.0	26.0			51.56	4416	448	2874	3968	1094	89.86	27.57	24.77		40.89
DOZ-24	13169	BEML BD355	410 HP	09-Mar-10	680	106	415	574	159	84.4	27.7	23.4			24.40	6256	932	3914	5324	1410	85.10	26.49	22.54		21.96
DOZ-25	11141	BEML BD355	410 HP	09-Mar-10	560	62	339	498	159	88.9	31.9	28.4			41.26	4736	2098	1848	2638	790	55.70	29.95	16.68		40.90
DOZ-26	7761	BEML BD355	410 HP	03-May-14	496	496										4568	1749	2236	2819	583	61.71	20.67	12.76		55.70
DOZ-27	6113	BEML BD355	410 HP	03-May-14	496	350	136	146	10	29.4	6.8	2.0			115.00	4448	2705	1408	1744	336	39.20	19.26	7.55		41.19
DOZ-28	5896	BEML BD356	410 HP	26-Apr-16	744	44	512	700	188	94.1	26.9	25.3			40.18	6600	608	4294	5992	1698	90.78	28.34	25.73		26.58
				TOTAL	3968	1169	1957	2799	842	70.5	30.1	21.2			37.49	38360	12185	18606	26175	7569	68.24	28.92	19.73		33.43
PAY LOADER																									
PL-20	14049	Kawasaki, 90Ziv-2	256 HP	26-Aug-09	744	391	248	353	105	47.4	29.7	14.1		9.92	6600	4626	1318	1974	656	29.91	33.23	9.94		16.52	
PL-22	10579	Hyundai-hl770-7A	280 HP	26-May-10	744	744										6600	6496	98	104	6	1.58	5.77	0.09		65.50
PL-23	9051	Kawasaki, 90ZV	257 HP	07-Oct-15	744	46	511	698	187	93.8	26.8	25.1			26.20	6600	968	3789	5633	1844	85.34	32.73	27.93		23.50
				TOTAL	2232	1181	759	1051	292	47.1	27.8	13.1			20.35	19800	12090	5205	7711	2506	38.94	32.50	12.65		21.77
MOTOR GRADER																									
MG-6	3973	BEML BG 825	280 HP	04-Aug-08																					

BARSUA MINES



SAIL-RMD

PROJ. NO.	CUMM. UTILS. UPTO Dec '18	MAKE / TYPE	CAP	DATE OF COMMISSION	DECEMBER 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%

EXCAVATORS [6]

EX-20	25706	BEML,BE-1000	4.5 CuM	Mar-04	624	31	496	593	97	95.03	16.36	16	6.31	50.6	4952	561	3700	4391	691	88.67	15.74	13.95	45.55
EX-21	18102	TELCON,1200V-1018	5.9 CuM	28-May-07	624	66	411	558	147	89.42	26.34	24	6.09	65.0	4960	908	3415	4052	637	81.69	15.72	12.84	63.28
EX-22	19199	BEML,BE-1000	4.5 CuM	22-Dec-08	624	108	291	516	225	82.69	43.60	36	7.56	55.8	3912	866	2244	3046	802	77.86	26.33	20.50	48.43
EX-23	15806	BEML, BE-1000	4.5CuM	18-Feb-10	208		208	208	0	100.00	0.00	0	0.00	0.0	1960	1671	288	289	1	14.74	0.35	0.05	0.00
EX-24	12019	BEML, BE-1600	7.5CuM	04-Aug-11	624	290	242	334	92	53.53	27.54	15	7.08	69.6	4952	1834	2083	3119	1036	62.97	33.21	20.91	65.36
EX-27	1622	BEML, BE-1000-1	4.5 CuM	19-Dec-17	624	287	269	337	68	54.01	20.18	11	7.04	61.1	4944	872	2543	4072	1529	82.36	37.55	30.93	62.92

* EX 22 & 23 are being utilised at Taldih, EX-24 Engine sent to GOM

DUMPER,50 TE [5]

* BH-95, 96 & 99 are being utilised at Taldih

DUMPER 60 TE [2]

DOWNTIME, 60 SEC (L-1)																								
HPD-101	2934	BEML,BH-60		60 T	16-Nov-17	624	75	140	549	409	87.98	74.50	65.54	2.54	37.8	4952	605	1512	4347	2835	87.78	65.22	57.25	35.55
HPD-102	2584	BEML,BH-60		60 T	23-Nov-17	624	95	159	529	370	84.78	69.94	59.29	2.54	41.7	4952	1081	1361	3871	2510	78.17	64.84	50.69	38.19

NUMBER 100 TE [3]

DUMPER,100 T(2)																							
BH-97	9845	BEML,BH-100	100 T	4-Aug-11	624	78	273	546	273	87.50	50.00	43.75	2.35	51.7	4040	529	2259	3511	1252	86.91	35.66	30.99	44.32
BH-98	8484	BEML,BH-100	100 T	04-Aug-11	624	624		0	0	0.00	0.00	0.00	0.00	0.0	4040	1562	1913	2478	565	61.34	22.80	13.99	42.36
				TOTAL	1248	702	273	546	273	43.75	50.00	21.88	2.35	51.7	8080	2091	4172	5989	1817	74.12	30.34	22.49	43.71

DRILL [3]

DM-7	23620	AC - IDM-30	160mm	29-Jan-98	416	38	361	378	17	90.87	4.50	4.09	15.88	60.0	3416	718	2503	2698	195	78.98	7.23	5.71	41.99
DM-9	9707	AC - IDM-30	160mm	30-Sep-09	416	6	381	410	29	98.56	7.07	6.97	17.00	44.8	3416	471	2619	2945	326	86.21	11.07	9.54	46.96
DM-10	4927	AC - IDM-30	160mm	15-Jan-15	416	28	271	388	117	93.27	30.15	28.13	18.88	38.0	3136	127	2646	3009	363	95.95	12.06	11.58	41.73
* DM-10 is being utilized at Telohib				TOTAL	1249	72	1012	1176	162	94.22	12.86	12.95	18.22	41.5	2029	1216	7768	8553	894	86.80	10.22	8.97	42.71

* DM-10 is being utilised at Tafin

DOZER [5]

TR-36 (B/V)	14013	BEMI,D-155A	320 HP	23-Apr-05	624	222	314	402	88	64.42	21.89	14.10		38.0	5856	3230	2534	2626	92	44.84	3.50	1.57	36.30
TR-37	14661	BEMI,D-155A	320 HP	22-Jun-07	624	193	308	431	123	69.07	28.54	19.71		38.3	5880	1202	3751	4678	927	79.56	19.82	15.77	36.63
TR-38	15692	BEMI, D-355	410 HP	16-Feb-10	624	46	488	578	90	92.63	15.57	14.42		27.7	3888	647	2638	3241	603	83.36	18.61	15.51	35.39
TR-39	10052	BEMI, D-355	410 HP	10-Apr-12	624	601	20	23	3	3.69	13.04	0.48		166.7	5264	1916	2909	3348	439	63.60	13.11	8.34	34.62
TR-40	9727	BEMI, D-355	410 HP	6-May-14	624	105	429	519	90	83.17	17.34	14.42		41.3	7448	561	3857	6887	3030	92.47	44.00	40.68	9.63
TR-36 (B/V)	14013	BEMI,D-155A	320 HP	23-Apr-05	624	222	314	402	88	64.42	21.89	14.10		38.0	5856	3230	2534	2626	92	44.84	3.50	1.57	36.30

* TR-38 is being utilised at Taldih

PAY LOADER [2]

FEL-6	9341	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	416	22	344	394	50	94.71	12.69	12.02		21.5	3960	127	3593	3833	240	96.79	6.26	6.06	25.56
FEL-7	6534	HYUNDAI	280 HP	27-Aug-11	416	11	382	405	23	97.36	5.68	5.53		29.3	4696	1473	3096	3223	127	68.63	3.94	2.70	26.52
				TOTAL	832	33	726	799	73	96.03	9.14	8.77		23.9	8656	1600	6689	7056	367	81.52	5.20	4.24	25.89

MOTOR GRADER [1]

MG-6	7155	BEML BG 825	280HP	14-Sep-02	416	19	342	397	55	95.43	13.85	13.22		24.1	3112	796	1946	2316	370	74.42	15.98	11.89	18.03
WATER SPRINKLER [1]																							
WS-91	14355	HM / WS-28	28KL	Nov-06	624	552	72	72	0	11.54	0.00	0.00		0.0	4296	1825	2455	2471	16	57.52	0.65	0.37	48.75
WS-100	3608	BEML / WS-28-2	28KL	29-Apr-15	624	43	434	581	147	93.11	25.30	23.56		19.5	4280	277	3402	4003	601	93.53	15.01	14.04	22.14

Back Hoe/Rock Breaker [2]																							
EX-26	3200	HYUNDAI/BACKHOE	0.9 CuM	16-Sep-13	624	26	572	598	26	95.83	4.35	4.17		15.0	5208	178	4826	5030	204	96.58	4.06	3.92	21.59
EX-25	4285.5	HYUNDAI/ROCK BREAKER	1.62 CuM	10-Sep-13	416	7	372	409	37	98.32	9.05	8.89		14.9	3456	354	2727	3103	376	89.77	12.10	10.87	11.33
				TOTAL	1040	33	944	598	26	57.50	4.35	2.50		36.2	8664	532	7553	8133	580	93.87	7.13	6.69	14.94

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GUA ORE MINES

EQUIPMENTS	UTILIS. UPTO Dec'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	DECEMBER 2018										2018-2019																
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD/HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD /HR							
EXCAVATORS[4]																															
> 4.5 CuM					D-12	10546	BE 1600	7.5 CuM	16-Feb-11	744	136	480	608	128	81.7	21.1	17.2	5.6	62.30	6600	1671	3345	4929	1584	74.7	32.1	24.0	4.3	52.05		
					D-12A	18064	BE 1000(D)	4.5 CuM	27-Apr-08	744	744									6600	6569	21	31	10	0.5	32.3	0.2	6.4	60.00		
					D-14	23932	KOMATSU	9.5 CuM	06-Apr-12	744	85	212	659	447	88.6	67.8	60.1	2.7	79.53	6600	1890	2336	4710	2374	71.4	50.4	36.0	4.7	78.70		
					D-15	18526	KOMATSU	9.5 CuM	31-Aug-15	744	55	392	689	297	92.6	43.1	39.9	8.8	73.82	6600	1099	1753	5501	3748	83.3	68.1	56.8	6.3	80.58		
										TOTAL	2976	1020	1084	1956	872	65.7	44.6	29.3	5.2	75.06	26400	11229	7455	15171	7716	57.5	50.9	29.2	5.4	74.12	
DUMPER,50 TE[3]					R/D-85	18557	BEML-BH-50M	50 Te	Mar- 08	744	744									6600	5904	692	696	4	10.5	0.6	0.1		25.00		
					R/D-86	20020	BEML-BH-50M	50Te	Sep-08	744	721	16	23	7	3.1	30.4	0.9			6600	3912	2505	2688	183	40.7	6.8	2.8		19.54		
					R/D-87	17443	BEML-BH-50M	50Te	Dec-08	744	744									6600	5186	1403	1414	11	21.4	0.8	0.2		68.18		
										TOTAL	2232	2209	16	23	7	1.0	30.4	0.3			19800	15002	4600	4798	198	24.2	4.1	1.0		22.35	
DUMPER,100 TE[6]					R/D-88	23684	KOMAT.HD785-7	100 T	10-Sep-10	744	744									6600	5795	157	805	648	12.2	80.5	9.8	2.8	57.58		
					R/D-89	26699	KOMAT.HD785-7	100 T	10-Sep-10	744	253	103	491	388	66.0	79.0	52.2	3.2	50.77	6600	1280	1061	5320	4259	80.6	80.1	64.5	2.6	48.64		
					R/D-90	17986	CAT 777D	100 T	25-Jan-12	744	257	162	487	325	65.5	66.7	43.7	2.9	48.48	6600	3286	1705	3314	1609	50.2	48.6	24.4	3.4	47.28		
					R/D-91	14564	CAT 777D	100 T	25-Jan-12	744	472	84	272	188	36.6	69.1	25.3	1.7	55.19	6600	1823	2191	4777	2586	72.4	54.1	39.2	3.7	50.69		
					R/D-92	9989	BEML- BH 100	100 T	27-May-15	744	75	322	669	347	89.9	51.9	46.6	2.2	54.41	6600	3090	1623	3510	1887	53.2	53.8	28.6	2.3	53.07		
					R/D-93	8989	BEML- BH 100	100 T	10-Jun-15	744	171	159	573	414	77.0	72.3	55.6	3.1	57.08	6600	1850	1525	4750	3225	72.0	67.9	48.9	2.9	52.52		
										TOTAL	4464	1972	830	2492	1662	55.8	66.7	37.2	2.7	53.15	39600	17124	8262	22476	14214	56.8	63.2	35.9	2.9	50.73	
DRILL[4]					DM-10	15951	IR-ROTACOL-IDM-30	160mm	Feb- 04	496	283	153	213	60	42.9	28.2	12.1	14.0	46.25	4400	1784	1809	2616	807	59.5	30.8	18.3	12.0	40.06		
					DM-12A	8456	AC-ROTACOL-IDM-30	160mm	Sep-08	496	496								4400	2073	1183	2327	1144	52.9	49.2	26.0	13.7	34.89			
					DM-14	13769	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	496	141	187	355	168	71.6	47.3	33.9	13.3	42.41	4400	4014	199	386	187	8.8	48.4	4.3	12.2	47.33		
					DM-15	6369	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	496	165	156	331	175	66.7	52.9	35.3	14.6	45.71	4400	1813	1379	2587	1208	58.8	46.7	27.5	13.6	39.61		
										TOTAL	1984	1085	496	899	403	45.3	44.8	20.3	14.0	44.42	17600	9684	4570	7916	3346	45.0	42.3	19.0	13.2	38.53	
DOZER[5]					DOZ-21	17355	BEML D-355	410 HP	May- 03	496	475	4	21	17	4.2	81.0	3.4		63.53	4400	3116	232	1284	1053	29.2	82.0	23.9		30.64		
					DOZ-22	16083	BEML D-355	410 HP	Feb-04	496	496								4400	4400											
					DOZ-23	14763	BEML D-355	410 HP	May-08	496	214	125	282	157	56.9	55.7	31.7		35.03	4400	2483	1079	1917	838	43.6	43.7	19.0		30.11		
					DOZ-24	12872	BEML D-355	410 HP	Sep-08	496	6	496	490	100	98.8	98.8			30.55	4400	1000	304	3400	3096	77.3	91.1	70.4		36.19		
					DOZ-25	8491	BEML D-355	410 HP	25-Apr-14	496	481	5	15	10	3.0	66.7	2.0		55.00	4400	3734	378	666	289	15.1	43.3	6.6		29.86		
					DOZ-26	7941	BEML D-355	410 HP	08-Sept-17	496	71	143	425	282	85.7	66.4	56.9		37.15	4400	768	1022	3632	2610	82.5	71.9	59.3		34.76		
										TOTAL	2976	1737	283	1239	956	41.6	77.2	32.1		34.07	26400	15501	3014	10899	7885	41.3	72.3	29.9		34.10	
PAY LOADER[2]					PL-7	12179	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	744	178	333	566	233	76.1	41.2	31.3		16.41	6600	1547	2567	5053	2486	76.6	49.2	37.7	0.0	14.21		
					PL-8	4769	Hyundai-hl770-7A	280 HP	01-Jun-10	744	744								6600	6600									14.21		
										TOTAL	1488	922	333	566	233	38.0	41.2	15.7		16.41	13200	8147	2567	5053	2486	38.3	49.2	18.8	0.0		
Back Hoe [2]					BACK HOE-02	7965	BEMLBE-300LC	1.2 CU.M	May-09	744	744								6600	3926	1472	2674	1202	40.5	45.0	18.2		14.53			
					BACK HOE-03	3091	BEMLBE-300LC	1.25 CU.M	25-Sep-13	744	106	71	638	567	85.8	88.9	76.2		14.74	5856	2309	456	3547	3091	60.6	87.1	52.8		13.98		
										TOTAL	1488	850	71	638	567	42.9	88.9	38.1		14.74	12456	6235	1928	6221	4293	49.9	69.0	34.5		14.13	
Water Sprinkler [2]					WT-5	14849	WS-28	28 KL	May-05	496	209	250	287	37	57.9	12.9	7.5		20.27	4648	2464	1624	2184	560	47.0	25.6	12.0		14.75		
					WT-6	5371	BEML,WS 28-2	28 KL	Jan-09	496	69	266	427	161	86.1	37.7	32.5		15.21	4648	1366	2391	3282	891	70.6	27.1	19.2		13.89		
										TOTAL	992	278	516	714	198	72.0	27.7	20.0		16.16	9296	3830	4015	5466	1451	58.8	26.5	15.6		14.22	
Motor Grader [2]					MG-6	3932	BG 605	280HP	May-08	496	199	218	297	79	59.9	26.6	15.9		7.54	4400	1960	1817	2440	623	55.5	25.5	14.2		5.43		
					MG-7	537	BG 825		10-May-14	496	496							4400	1776	2087	2624	537	59.6	20.5	12.2		10.11				
										TOTAL	992	695	218	297	79	29.9	26.6	8.0		7.54	4400	1960	1817	2440	1160	55.5	47.5	26.4		7.60	
PLANT											1000 TPH	MAY'58	744	22	91	722	631	97.0	87.4	84.8	526.8		6600	346	819	6254	5435	94.8	86.9	82.3	525.9

EQUIPMENT AVAILABILITY & UTILISATION
Dec-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	59	32	48	43	61	72	53	73	72	36	39	94	14	87	10	45	45	45	42		
SHOVEL	HYD(D) <4.6 m ³	70	75					64	22	36	23	50	5	9	80	24	75	26						
	HYD(D) >4.6 m ³	85	80	99	47	95	50	70	54	69	61	89	35	38	72	27	72	23	66	45	57	51		
	HYD(E)	70	70																					
DUMPER	85/ 60 tn	65	75													86	72	87	69					
	50 tn	70	80					17	19	21	16	99	3	6	90	21	71	22	1	30	24	4		
	100 tn	85	80	66	43	69	42	54	52	58	52	59	38	35	44	50	69	21	56	67	57	63		
DOZER		70	70	66	35	50	35	49	30	50	41	71	30	30	60	16	78	14	42	77	41	72		
CRUSHING PLANT		85	85					99	74	95	60	79	59	53										
SCREENING PLANT		85	85					87	72	81	64	91	68	65										
OHP		85	85	95	66	92	70								71	71	78	67	97	87	95	87		

Consumption of Key Consumables in 2018-19(Kiriburu)

Item	HSD			EXPL	POWER	LUBRICANT								
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.12	0.45	4.2	25
2011-12	2232461	723255	2955716	733395	28638468	158510	3848850	0	1410525	633037.6	0.12	0.55	5.45	29.26
2012-13	2304757	777352	3082109	619868	29233456	115903	3958695	0	1481400	187362	0.11	0.56	5.37	21.12
2013-14	2028772	794925	2823697	502158	31070636	126608	3443634	24977	1334250	0	0.10	0.59	6.47	26.36
2014-15	2045312	860700	2906012	733330	31989330	110440	3893355	354285	1135350	638246	0.13	0.52	5.94	19.93
2015-16	2021760	758860	2780620	585470	31933017	107099	3648780	178245	2088990	201910	0.10	0.47	5.40	17.95
2016-17	2177112	702490	2879602	573840	31702875	101640	3891780	242370	2663910	0	0.08	0.44	4.66	15.36
2017-18	2109898	573577	2683475	515422	30594993	92150	3979790	215830	1568970	863256	0.08	0.46	5.31	15.84
2018-19	1472699	373678	1846377	317139	22953593	59876	2827860	111000	662400	125644	0.09	0.52	6.37	16.87
April'18	166292	48694	214986	53245	2164676	4200	248830	29000	126720	10000	0.13	0.56	5.35	10.90
May'18	180275	54357	234632	29757	2117508	6510	339490	26000	99270	0	0.06	0.53	4.56	14.62
June'18	166497	30570	197067	42892	2311396	6510	317680	29000	76500	115644	0.08	0.46	5.46	15.13
July'18	162165	49995	212160	20620	2448148	4100	310230	0	33750	0	0.06	0.62	7.12	11.92
August'18	161011	40590	201601	36055	2878160	9030	314280	0	31860	0	0.10	0.58	8.32	26.09
Sept'18	146482	46410	192892	35060	2473480	6930	285570		87660	0	0.09	0.52	6.63	18.57
Oct'18	165463	38127	203590	23790	2685040	7140	323550	27000	67950	0	0.06	0.51	6.42	17.93
Nov'18	161774	23353	185127	37620	2838425	7770	360270		81450		0.09	0.42	6.43	17.59
Dec'18	162740	41582	204322	38100	3036760	7686	327960		57240		0.10	0.53	7.88	19.95

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	1903594	75290	1978884	422119	13642511	84816	2748760	110000	1826500	300000	0.08	0.42	2.91	18.13	
April'18	220289	6030	226319	53177	1228440	9646	279290	20500	230200	50000	0.09	0.43	2.32	18.30	
May'18	224655	10060	234715	61594	1199640	9660	288590	8500	303700	60000	0.09	0.39	2.00	15.85	
June'18	211828	4230	216058	47428	1209960	11410	247170	15000	288600	45000	0.08	0.39	2.20	20.72	
July'18	188924	6580	195504	50550	1901760	6482	310810	5000	144100	30000	0.10	0.42	4.14	13.98	
August'18	206689	14530	221219	47315	2122920	10210	348830	10000	153100	95000	0.08	0.42	4.15	19.33	
Sept'18	206771	10760	217531	23570	1559640	11410	288350	10000	153100	20000	0.05	0.48	3.45	25.41	
Oct'18	241004	7530	248534	59835	1432920	9254	358180	20000	145100	0	0.11	0.49	2.74	18.21	
Nov'18	201434	5740	207174	38884	1471200	11088	335330	1000	156600	0	0.08	0.42	2.98	22.53	
Dec'18	202000	9830	211830	39766	1516031	5656	292210	20000	252000	0	0.07	0.39	2.69	10.30	

Consumption of Key Consumables in 2018-19(Bolani)

Item	HSD	Expl	Power	Lubricant									
Unit	Litre	kg	KWH	Litre/Kg	DEPTT ROM	F/G AREA CONTR SCR	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
NORM										0.11	0.43	4.8	25
2010-11	2026625	479122	23080560	118412	3347818		573189	785490	196165	0.10	0.48	4.90	27.87
2011-12	1998636	534534	21235920	100300	3060290		684985	796330	164403	0.11	0.50	4.68	25.18
2012-13	1783555	514007	19644960	91014	2605030		470897	838270	506624	0.12	0.50	5.02	25.35
2013-14	1872289	635069	20288400	103250	2888400		952901	1049150	667212	0.11	0.45	4.15	24.70
2014-15	2149181	810530	21124800	109435	3516659	200000	677254	738201	1792737	0.12	0.44	4.28	22.23
2015-16	2259467	913430	21800400	106130	3598770	0	1735825	1382700	1085889	0.12	0.40	3.25	18.66
2016-17	2538285	618000	22677280	116550	4014310	0	1667532	1534785	920488	0.08	0.41	3.14	18.81
2017-18	2514011	935809	20339200	125936	3712455	0	1543746	1417555	1853008	0.11	0.42	3.05	21.06
2018-19	1868099	723220	14672880	88094	2948308	0	1160724	987310	1315780	0.11	0.41	2.88	19.34
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	170400	0.10	0.36	3.21	19.59
Sept'18	199970	76935	1701840	9002	354500	0	98650	94600	101651	0.12	0.40	3.11	18.03
Oct'18	214219	82365	1670400	13776	394100	0	127829	86250	178038	0.10	0.38	2.75	24.74
Nov'18	213370	93655	1548240	8406	376808	0	122559	100940	161101	0.12	0.39	2.58	15.32
Dec'18	220023	102404	1530240	9562	353700	0	145020	87390	220743	0.13	0.41	2.61	17.96

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	999673	28403	1028076	110281	8138005	19161	1346527	442908	247795	0	65340	0.05	0.62	5.10	11.55
April'18	26265	0	26265	4950	1113077	341	0	98306	2365	0	23490	0.04	0.52	43.05	13.19
May'18	82015	0	82015	6750	1071437	1976	88915	89676	20490	0	21960	0.03	0.53	8.16	15.04
June'18	103602	0	103602	13276	716077	2271	181049	79030	16510	0	15660	0.05	0.44	3.36	10.65
July'18	107195	0	107195	13517	863157	2013	141235	71255	15790	0	4230	0.06	0.60	5.35	12.48
August'18	121860	1420	123280	15788	653477	3070	155765	60770	34685	0	0	0.06	0.60	3.43	16.12
Sept'18	125773	2300	128073	8250	1217997	2384	177207	21547	26005			0.04	0.61	5.42	11.73
Oct'18	135230	7359	142589	10756	763557	2408	211921	22324	35580	0	0	0.04	0.56	2.83	9.73
Nov'18	150135	9830	159965	14725	561273	2458	201574		46300			0.06	0.65	2.26	9.92
Dec'18	147598	7494	155092	22269	1177953	2240	188861		50070			0.09	0.65	4.93	9.38

Consumption of Key Consumables in 2018-19(Gua)

Item	HSD			Expl	Power	Lubricant								
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.09	0.55	4.6	25
2010-11	1813564	2030	1815594	367795	17584344	100224	2378504	0	674441	1325210	0.08	0.54	5.76	29.61
2011-12	1026199	12194	1038393	121305	16608240	50419	543562	0	236868	225000	0.12	1.24	21.28	60.26
2012-13	530895	31972	562867	0	15732024	22133	0	0	0	0				
2013-14	2677615	20143	2697758	423955	17447568	104254	3764538	0	1344785	0	0.08	0.53	3.41	20.40
2014-15	2085242	22389	2107631	277410	16677691	70037	2479410	0	752085	0	0.09	0.65	5.16	21.67
2015-16	2632296	18880	2651176	413320	18358728	92732	3565810	284938	1540315	198718	0.08	0.51	3.60	17.91
2016-17	2933129	2804	2935933	438030	18480528	106696	3774559	239976	1554059	0	0.08	0.54	3.32	19.80
2017-18	3087765	2220	3089985	388490	18466944	105288	4002700	0	1573793	0	0.07	0.55	3.31	18.88
2018-19	2355294	0	2355294	303876	14257920	80098	2451107.8	316072	1074350	626982.2	0.07	0.63	3.71	21.30
April'18	276728	0	276728	31287	1431744	8862	338418	2582	127530	63773	0.06	0.57	3.06	18.37
May'18	270020	0	270020	50813	1615872	10430	334185	6915	158150	72018	0.09	0.53	3.24	20.37
June'18	258325	0	258325	32679	1600272	12744	257871	67439	81180	24963	0.09	0.71	3.94	35.19
July'18	260075	0	260075	32775	1517400	7182	294142	28508	104580	59553	0.07	0.62	3.55	17.07
August'18	243950	0	243950	20649	1588464	6762	276580	23480	110430	79560	0.04	0.59	3.87	16.38
Sept'18	247084		247084	29206	1576512	8848	252649	49441	112680	73128	0.07	0.62	3.80	22.35
Oct'18	258205	0	258205	37420	1630224	10248	259430	35091	118350	72229	0.08	0.64	3.95	25.33
Nov'18	252101		252101	29791	1648872	7658	183324	46536	166950	90543	0.07	0.66	4.16	19.91
Dec'18	288806		288806	39257	1648560	7364	254510	56080	94500	91215	0.09	0.75	4.07	19.09

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL

MINE	GRANTED ON	VALID UPTO	AREA (in ha.)	RENEWAL APPL.DATE	FOREST CLEARANCE (FC)	Status as on December' 2018	
						ENVIRONMENTAL CLEARANCE (EC)	
KBR-MBR							
Lease-I	28.03.60	31.03.20	1936.06	17.02.09	Stage II FC [644.26 Ha] granted by MoEF&CC vide letter dated 26.11.2014. Stage-I FC of South & Central Block (247.5 Ha) was granted by MoEFCC on 18.10.2010. Compliance report has been submitted well within the time & State Govt. forward the proposal to MoEFCC on 13.07.2015. Further, compliance of the queries were forwarded by State Govt. to MoEFCC on 05.04.2016. After approval of MPSM on 08.06.2018, MoEFCC vide letter dated 26.06.2018 requested GoJ to provide some informations. The desired informations were submitted to DFO on 19.07.2018/31.07.2018. The report forwarded to CF on 14.08.2018 but CF asked some additional information on 23.08.2018. The modified reply submitted to DFO on 28.08.2018. The proposal forwarded to PCCF (Nodal) on 28.09.2018 through DFO & RCCF. PCCF (Nodal) forwarded the proposal to PCCF, Jharkhand on 05.10.2018 and forwarded the proposal to Addl. CS (F,E&CC) on 09.10.18. Final recommendation has been forwarded to MoEFCC, GoI on 08.11.2018. Grant of Stage-II FC is awaited from MoEFCC, New Delhi.	EC granted by MoEFCC for 10 MTPA capacity on 27.12.2006. EC granted by MoEFCC for 16 MTPA capacity on 23.09.2014. CTO for 16 MTPA capacity was granted by JSPCB & renewed upto 31.12.2019.	
Lease - II	06.02.73	31.03.20	879.439	10.01.02	Forestry clearance for the total broken area of 55.9 Ha was granted on 11.04.2005.	Ore Beneficiation Plant & loading facilities of Meghahatuburu Iron Ore Mine are located in the lease-II.	
Lease - III	01.10.73	31.03.20	82	26.09.02	Forestry clearance for the total broken area of 24.23 Ha was granted on 11.04.2005.	Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III.	
Horomotto	01.01.70	31.12.99	1051.98	-	SAIL has filed Revision application with mining tribunal against State Govt.'s order of lapsing of lease and rejection of lease renewal application.	No EC	
BOLANI							
5.1 sq. mile lease	11.04.60	09.04.30	1321.45	26.03.09	Stage-II FC granted by MoEF&CC on 11.12.2012, 09.07.2013 & 12.11.2014. Stage-I FC for additional 87.09 ha sabik FL was obtained on 12.09.2017. Final Compliance report submitted to DFO, Keonjhar on 22.12.2017. Additional information submitted to DFO, Keonjhar on 10.05.2018. DFO forwarded the compliance report to RCCF on 20.06.2018. Further, RCCF forwarded to Addl. PCCF (NO) on 16.07.2018. APCCF (Nodal) vide letter dated 29.08.2018 directed DFO Keonjhar/Rourkela /Keonjhar (WL) Division to revise the CA schemes due to change in revision of wage rate. The revised scheme was forwarded to RCCF, Baripada on 11.10.18 for approval. Revision & authentication of SZ scheme has been approved by RCCF, Baripada on 30.10.18. Another proposal related to revised CA schemes for 169.72 ha & 5.18 ha were approved by APCCF (NO) on 23.10.18 and after the issuance of demand, online payment of Rs. 1492600 portal was done in MoEFCC on 29.10.18. Subsequently, after necessary modification as per new wage rate, forwarded to APCCF (N) on 22.11.2018 & payment done. Stage-I FC compliance report & recommendation for grant of Stage-II FC has been forwarded to MoEFCC, New Delhi by APCCF (N) on 03.01.2019.	EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21.12.2012. Consent to Operate for 12 MTPA capacity has been renewed & Valid upto 31.03.2019.	
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	MoEF&CC vide letter dated 24.07.17 issued amended Stage-I FC order. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & respective schemes are approved on 27.10.2018 and in line with the demand letter received from DFO, Rs 16.35 Crore was paid. Again, the wage rate has been revised & all schemes are reverted back to concerned forest division for modification. 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 have also been revised and forwarded by DFO, Keonjhar to RCCF, Rourkela on 23.08.2018. The revised SZ scheme (22.122 ha) has been forwarded by DFO, Keonjhar to RCCF, Rourkela on 23.08.2018 for necessary approval. RCCF, Rourkela vide letter dated 06.10.18 approved the scheme at current wage rate.. The complete compliance report w.r.t to differential payment of CA & SZ has been forwarded by DFO, Keonjhar to RCCF, RKL on 29.10.18 & subsequent to Addl. PCCF (N), BBSR. Again, the wage rate has been revised & all schemes are reverted back to concerned forest division for modification. Subsequently, after necessary modification as per new wage rate, forwarded to APCCF (N) on 22.11.2018 & payment done. Stage-I FC compliance report & recommendation for grant of Stage-II FC has been forwarded to MoEFCC, New Delhi by APCCF (N) on 03.01.2019.	Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore. CTO for handling of 10 MTPA Iron ore lumps & fines and 15000 TPA Mn ore granted by OSPCB & further renewed on 29.03.2018 with validity upto 31.03.2019.	
BARSUA-KALTA							
ML No.-130	06.01.60	05.01.30	2486.38	NA	Stage-II FC granted by MoEF&CC on 06.03.2013. DFO, Bonai vide letter dated 27.02.18 allowed to take up mining operation over 28.90 ha of forest land under Taldih Block-C. Proposal for felling of tree over an area of 58.75 ha in area-5 of Barsua Part has been approved by DFO, Bonai and a meeting was held on 29.10.2018 for settlement/ strategy of tree felling. Offer issued by M/s OFDC on 2.11.2018 for said proposal.	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. The matter of identification of CA land was discussed with forest nodal office on 25.10.2018 meeting. CA land over an area of 33.022 ha has been identified & map has been submitted to DFO, Rourkela for preparation of scheme.	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 December' 2018
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)		ENVIRON. CLEARANCE (EC)
	ON	UPTO	(in ha.)	APPL.DATE			
BHAWANATHPUR							
GORGON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgon, Ghagra & Saraiya leases has been approved by SAIL-Board on 30.05.2017. Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval. IBM vide letter dated 19.07.2018 pointed out some observations. The observation of IBM was duly incorporated and FMCP's were submitted to IBM on 19.09.18.. IBM vide letters dated 05.10.18 directed to submit the supplementary lease deed for Gorgaon, Ghagra & Saraiya leases for the period upto 31.03.2020. Vide letters dated 15.10.18, the reply to the IBM query was submitted on 18.10.18.		
GHAGHRA	23.10.72	31.03.20	675.68	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	230.53	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 & reply submitted on 07.12.2018.	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL

MINE	GRANTED ON	VALID UPTO	AREA (in ha)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	Status as on December' 2018	
						ENVIRONMENT CLEARANCE (EC)	
GUA							
Durgaiburu	22.02.49	21.02.79	1443.76	08.02.08 (2nd RML)	Stage-II FC for existing broken area of 274.691 ha has been granted by MoEF on 22.08.2014. Stage-I FC granted for 361.295 ha on 04.03.2014 in addition to 274.691 ha. Stage- I compliance report wa submitted to DFO 02.06.2015. State Govt. vide letter dated 30.07.2015/23.09.2015 forwarded the proposal to MoEFCC, New Delhi for grant of Stage-II FC. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 03.07.2018 requested GoJ to provide some informations. The desired informations were submitted to DFO on 19.07.2018 & forwarded to CF on 08.08.2018. Proposal forwarded to PCCF (N), Ranchi on 18.08.2018. Some more information sought by PCCF (Nodal) was submitted to DFO on 05.09.2018 and subsequently forwarded to PCCF (Nodal) on 26.09.2018. Proposal forwarded to Addl. CS (F,E&CC) on 28.09.2018. The Final recommendation has been forwarded to MoEFCC, GoJ on 19.11.2018. Grant of Stage-II FC is awaited from MoEFCC, New Delhi.	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 conding 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. MoEF&CC on 13.11.17sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018 which is under compliance.	
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFCC, Ranchi on 16.01.2018 for further necessary action. The proposal is pending with Regional Office, MoEFCC.	EC has been granted by Jharkhand SEIAA, Ranchi on 10.12.2018 for production of 20820 TPA Manganese ore.	
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. Special Duty Office (F,E&CC) vide letter dated 1.11.18 directed PCCF, Jharkhand & PCCF (Nodal) with a copy to SAIL to submit the information. The pointwise information (except shape/kml files of CA land) was submitted to DFO, Saranda on 14.11.18. Shape/kml files of the lease area and forest area proposed for diversion and sites identified for CA were submitted to DFO, Saranda by MOM, Chiria on 24.12.18.	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.	
Ajitarburu	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	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL

MINE	GRANTED ON	VALID UPTO	AREA (in ha)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	Status as on December' 2018 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 was submitted to DFO 02.06.2015. State Govt. vide letter dated 30.07.2015/23.09.2015 forwarded the proposal to MoEFCC, New Delhi for grant of Stage-II FC. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 03.07.2018 requested GoJ to provide some informations. The desired informations were submitted to DFO on 19.07.2018 & forwarded to CF on 08.08.2018. Proposal forwarded to PCCF (N), Ranchi on 18.08.2018. Some more information sought by PCCF (Nodal) was submitted to DFO on 05.09.2018 and subsequently forwarded to PCCF (Nodal) on 26.09.2018. Proposal forwarded to Addl. CS (F,E&CC) on 28.09.2018. The Final recommendation has been forwarded to MoEFCC, GoJ on 19.11.2018. Grant of Stage-II FC is awaited from MoEFCC, New Delhi.	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. MoEF&CC on 13.11.17 sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018 which is under compliance.
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFCC, Ranchi on 16.01.2018 for further necessary action. The proposal is pending with Regional Office, MoEFCC.	EC has been granted by Jharkhand SEIAA, Ranchi on 10.12.2018 for production of 20820 TPA Manganese ore.
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. Special Duty Officer (F,E&CC) vide letter dated 1.11.18 directed PCCF, Jharkhand & PCCF (Nodal) with a copy to SAIL to submit the information. The pointwise information (except shape/kml files of CA land) was submitted to DFO, Saranda on 14.11.18.	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.
Ajitarburu	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)	Shape/kml files of the lease area and forest area proposed for diversion and sites identified for CA were submitted to DFO, Saranda by MOM, Chiria on 24.12.18.	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

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	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

1.0 Manhours worked :-7,02,369

2.0 PME	1	Regular	19
	2	Contractual	57

3.0 Reportable & Near miss- Nil

4.0 Pit Safety Committee Meeting -- YES [08]

Safety Inspection done:- YES

- 1. Mines 37
- 2. Statutory Register 06
- 3. Canteen & VT Centre 07

2.1 Works Area:

2.1.1 Safety Audits:

Sl No.	Audit Type		Purpose		Agency involved	Deptts. audited	Period / dates	No. of observations made	No. of points complied
	Internal	External	General	ISO 14001					
	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

2.1.2 Safety Inspections:

Sl. No.	Type of inspection/ agency	Total No. of inspections (major deppts. inspected)	No. of Unsafe acts & conditions observed	Points complied	Balance Points
1.	Safety officer of SED	04	06	04	02
2.	Shop DSOs				
3.	Apex Committee / ISO	04	14	14	0
4.	Other schedule/ joint inspections [Housekeeping, Crane, Cable Galleries etc.]				
5.	Any other (Safety Week Inspection at Gua & Kalta)	02	06	06	0

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	07	61		
2	Basic Training	05	64		

(B) Regular Trainings

Safety Talk			Induction Training			On -the-job/ Refresher Training		
R-32	C-32	T-64	R-0	C-12	T-12	R-0	C -0	T-0

2.1.4 Safety Monitoring &Review:

Sl. No.	Item	Quantum	Title
1.	Protocols prepared	Nil	
2.	Work permit issued	Nil	
3.	Monitoring during capital repair/ major shutdown	Nil	
4.	Safety clauses incorporated in SOPs/ SMPs	Nil	
5.	Mock Drills conducted	02	First-Aid
6.	Any Other	Nil	

2.1.5 Special Drives & Campaigns

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

2.1.6 Participative Meetings:

Sl.No.	Name / Type	Quantum	Remarks
1.	Departmental Safety Committee / Deptt. consultative committee		
2.	Central Safety committee		
3.	Pit Safety Committee (for mines only)	10	All Mines
4.	Any other (DMS Inspection)	01	

2.1.7 Events: (Other than routine)

Sl. No.	Events	Description
1.	National Safety Day related activities	
2.	Safety exhibitions & Mela	03 (Safety Week Final Day)
3.	Interactions with Statutory bodies	
4.	Participation in external seminars/ papers presented	
5.	Accident free departments/ shops	
6.	Special interactions with Head of Works/ Safety	01
7.	Publication of Safety magazine/ booklets etc.	

IRON ORE STOCK INVENTORY BEHAVIOUR

December 2018

IRON ORE LUMP

UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.12.2018	MTH	CUM	MTH	CUM	01.01.2019	MTH	YR
BSL	28	48	217	1760	231	1781	37	-11	9
DSP	11	32	138	1094	125	1059	45	13	34
RSP	11	26	251	1786	189	1677	18	-8	7
ISP	5	29	117	796	116	680	7	-22	2
BSP	256	241			259	2128	195	-46	-61
TOT	311	376	723	5436	920	7325	302	-74	-9

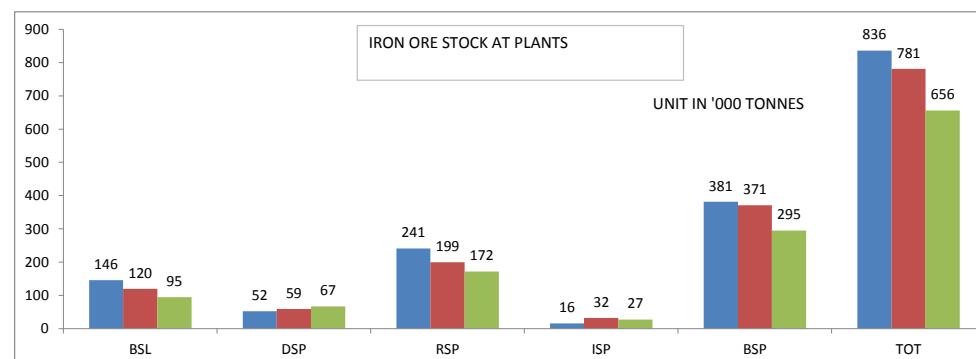
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.12.2018	MTH	CUM	MTH	CUM		MTH	YR
BSL	118	72	330	3118	371	3397	58	-14	-60
DSP	41	27	222	2049	226	2069	22	-5	-19
RSP	230	173	320	3003	410	3455	154	-19	-76
ISP	11	3	289	1954	284	2068	20	17	9
BSP	125	130	3	61	420	3274	100	-30	-25
TOT	525	405	1164	10185	1711	14263	354	-51	-171

IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.12.2018	MTH	CUM	MTH	CUM	01.01.2019	MTH	YR
BSL	146	120	547	4878	602	5178	95	-25	-51
DSP	52	59	360	3143	351	3128	67	8	15
RSP	241	199	571	4789	599	5132	172	-27	-69
ISP	16	32	406	2750	400	2748	27	-5	11
BSP	381	371	3	61	679	5402	295	-76	-86
TOT	836	781	1887	15621	2631	21588	656	-125	-180

* BSP RECEIPT FROM RMD MINES



PRODUCTION PERFORMANCE

December 2018

हॉट मेटल

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	381	365	96	3488	3125	90	2950	6
दूर्गापूर	234	218	93	1985	1897	96	1662	14
रात्रकेला	329	335	102	3041	2812	92	2469	14
बर्नपूर	235	236	100	2020	1521	75	1505	1
पूर्वी इस्पात संयंत्र	1179	1154	98	10534	9355	89	8586	9
भिलाई	594	444	75	4552	3483	77	3159	10
TOTAL	1773	1598	90	15086	12838	85	11745	9

सिन्टर

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	373	475	127	4089	4368	107	4123	6
दूर्गापूर	293	283	97	2481	2545	103	2331	9
रात्रकेला	518	534	103	4707	4630	98	3885	19
बर्नपूर	340	341	100	2917	2320	80	2422	-4
पूर्वी इस्पात संयंत्र	1524	1633	107	14194	13863	98	12761	9
भिलाई	888	618	70	6865	5045	73	4730	7
TOTAL	2412	2251	93	21059	18908	90	17491	8

IRON ORE RECEIPTS FOR THE MONTH OF December 2018

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	15	12	93	62		7	3		25		217
DSP			106				32				138
RSP	82	78		14		74			3		251
ISP			40				61		16		117
BSP											
TOT	97	91	239	75		81	95		45		724

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	83	90	2	93		29	5		28		331
DSP		10	166				46				222
RSP	143	113		7		48			9		320
ISP		23	109				144		13		289
BSP	3										3
TOT	229	237	277	99		77	195		50		1165

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	98	103	95	154		36	7		53		548
DSP		10	272				78				360
RSP	225	192		20		122			13		571
ISP		23	149				205		29		406
BSP	3										3
TOT	326	328	516	174		159	290		95		1889

IRON ORE RECEIPTS TILL THE MONTH OF December 2018

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	273	286	532	107	37	314	27		184		1760
DSP		7	776				311				1094
RSP	481	448		284	141	342			84	6	1786
ISP		3	296				477		20		796
BSP											
TOT	754	744	1604	391	178	656	815		288	6	5436

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	801	782	508	546	98	123	89		171		3118
DSP		94	1247				708				2049
RSP	1311	1010		181		445			56		3003
ISP	3	140	754				1036		21		1954
BSP	53	8									61
TOT	2168	2034	2509	727	98	568	1833		248		10185

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1074	1068	1040	653	135	437	116		355		4878
DSP		101	2023				1019				3143
RSP	1792	1458		465	141	787			140	6	4789
ISP	3	143	1050				1513		41		2750
BSP	53	8									61
TOT	2922	2778	4113	1118	276	1224	2648		536	6	15621

BASE FREIGHT IN RS PER TONNE FOR TRAIN LOAD

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

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

BUSY SEASON FREIGHT IN RS PER TONNE FOR TRAIN LOAD

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
IRON ORE	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
165 CLASS-170 CLASS	Km	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18
KRBU(N/B) (FOS)	371	805	409	903	94	246	377	854	539	1149
KRBU(O/B) (SOBK)	371	805	409	903	94	246	377	854	539	1149
MBR (SSMK)	371	805	409	903	94	246	377	854	539	1149
BOLANI (BYFS)	272	614	318	709	227	565	286	663	673	1441
BARSUA (PBSB)	342	757	390	854	73	246	356	805	519	1149
ROXY (HLSR)	332	757	379	854	63	246	346	757	509	1149
GUA (ISCG)	265	614	311	709	220	515	279	663	665	1441
MANOHARPUR (IISM)	241	565	287	663	37	246	255	614	483	1050
DALLIRAJHARA (DRZ)	827	1730	871	1826	537	1149	832	1730	83	246

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
FLUX	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
145 CLASS -150 CLASS	Km	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18	Km	Nov-18
BHAWANATHPUR (PSBS)	369	707	491	922	563	1096	459	878	909	1688
KHANABANJARI (KHBJ)	712	1352	834	1521	680	1266	802	1521	496	922