



RMD MONTHLY INFORMATICS

OCTOBER-19



PPC
RMD KOLKATA

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Performance Highlights

October 19

Production:

- RMD mines achieved production of 17.84 lakh T (81% of APP).
- Meghahatuburu, Taldih and Chiria Mines achieved more than 100% of APP.
- Taldih Iron Mines achieved best ever monthly production of 0.87 Lakh T since inception, previous best was 0.85 Lakh T for September 2019.
- Manoharpur Ore Mines achieved best ever production (0.69 Lakh T) in any month of October, Previous best was 0.67 Lakh T for October 2018.

Despatch:

- RMD mines achieved despatch of 17.72 lakh T in the month of October (84 % of APP)
- Kuteshwar Limestone Mines achieved best ever despatch (28 rakes) in any month of October, previous best was 25 rakes in October'15 since inception.
- **RMD met 100% requirement of lump and fines of all 04 eastern sector Steel Plants. RMD also supplied 23 rakes Iron Ore Fines to Bhilai Steel Plants.**

Rake Despatch Performance

Unit: Nos of Rake

MINES	FOR THE MONTH OF - Oct- 19					19-20 TILL THE MONTH OF Oct- 19				
	CBT	ACT	%FF	Oct- 18	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
KIRIBURU	98	90	92	92	-2	698	673	96	618	9
MEGHATUBURU	87	91	105	81	12	687	651	95	581	12
BOLANI	145	117	81	126	-7	920	928	101	898	3
BARSUA	55	52	95	45	16	280	273	98	217	26
TALDIH	20	25	125	6	317	130	121	93	82	48
KALTA	55	26	47	42	-38	305	199	65	245	-19
GUA	95	80	84	90	-11	595	614	103	630	-3
CHIRIA	15	22	147	17	29	105	113	108	100	13
RMD TOTAL	570	503	88	499	1	3720	3572	96	3371	6

PLANTS	COMM	FOR THE MONTH OF - Oct- 19					19-20 TILL THE MONTH OF Oct- 19				
		CBT	ACT	%FF	Oct- 18	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
BSL	LUMP		53.1		48.5	9		416.8	0.0	374.5	11
	FINES		95.9		78.5	22		686.2	0.0	667.5	3
	TOTAL	180	149.0	83	127.0	17	1125	1103.0	98	1042.0	6
DSP	LUMP		33.5		31.3	7		230.4	0	236.1	-2
	FINES		55.5		78.7	-29		404.6	0	480.9	-16
	TOTAL	105	89.0	85	110.0	-19	660	635.0	96	717.0	-11
RSP	LUMP		54.6		58.0	-6		380.7	0	371.8	2
	FINES		94.4		135.0	-30		622.3	0	615.2	1
	TOTAL	140	149.0	106	193.0	-23	920	1003.0	109	987.0	2
ISP	LUMP		24.5		16.9	45		173.6	0	176.5	-2
	FINES		68.5		51.1	34		524.4	0	433.5	21
	TOTAL	120	93.0	78	68.0	37	840	698.0	83	610.0	14
BSP	LUMP				0			0		0	
	FINES		23.0		1.0	2200		133.0	0	15.0	787
	TOTAL	25	23.0	92	1.0	2200	175	133.0	76	15.0	787
SAIL TOTAL	LUMP		165.7		154.7	7	0	1201.5	0	1158.9	4
	FINES		337.3		344.3	-2		2370.5		2212.1	7
	TOTAL	570	503.0	88	499.0	1	3720	3572.0	96	3371.0	6

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

October 2019

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR Oct 2018	TILL THE MONTH				CAP UTLN %
		2019-20	TGT	ACT	%FF	LAST YR Oct 2018		TGT	ACT	%FF	LAST YR	
KIRIBURU 5500	L	1150	90	102	113.4	86	19.0	645	660	102	575	14.9
	F	3350	265	236	88.9	265	-11.0	1875	1625	86.7	1676	-3.0
	T	4500	355	338	95.1	351	-3.7	2520	2285	90.7	2251	1.5
MEGHAHATUBURU 5000	L	875	80	104	129.7	90	15.2	500	579	116	631	-8.3
	F	2625	235	227	96.7	270	-15.9	1485	1542	104	1384	11.4
	T	3500	315	331	105.1	360	-8.1	1985	2121	107	2015	5.2
BOLANI 6500	L	2586	245	181	73.9	218	-16.8	1515	1316	86.9	1232	6.8
	F	3914	370	256	69.2	287	-10.6	2270	2175	95.8	1813	20.0
	T	6500	615	437	71.1	504	-13.3	3785	3491	92.2	3045	14.7
BARSUA 2500	L	803	70	58	82.3	56	3.3	485	348	71.8	274	27.1
	F	1697	150	80	53.5	149	-46.0	1005	523	52.1	649	-19.4
	T	2500	220	138	62.7	205	-32.6	1490	872	58.5	923	-5.6
TALDIH 1000	L	332	28	33	116.9	7	388.6	193	181	93.7	173	4.7
	F	618	52	54	104.3		361	234	64.8	105	122.4	
	T	950	80	87	108.7	7	1198.2	554	415	74.9	278	49.3
KALTA 2500	L	1229	105	52	49.8	75	-30.2	700	360	51.4	481	-25.3
	F	1071	95	42	44.5	77	-45.0	615	274	44.6	396	-30.7
	T	2300	200	95	47.3	152	-37.7	1315	634	48.2	877	-27.7
GUA 4000	L	1130	100	81	80.7	79	2.1	645	595	92.2	623	-4.5
	F	2870	250	208	83.4	216	-3.3	1645	1494	90.8	1604	-6.8
	T	4000	350	289	82.6	295	-1.8	2290	2089	91.2	2227	-6.2
MANOHARPUR 750	L	375	32	33	103.7	32	4.1	221	188	85.2	214	-12.2
	F	375	32	36	112.8	35	1.9	221	221	100	159	38.9
	T	750	64	69	108.2	67	2.9	442	410	92.7	374	9.6
TOTAL 27750	L	8480	750	643	85.8	642	0.2	4904	4227	86.2	4203	0.6
	F	16520	1449	1140	78.7	1298	-12.2	9477	8090	85.4	7787	3.9
	T	25000	2199	1784	81.1	1940	-8.1	14381	12316	85.6	11989	2.7

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

October 2019

UNIT 000 TONNES

DESPATCHES

MINE	COMM.	PLAN	FOR THE MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON			
		2019-20	TGT	ACT	%FF	LAST YR Oct 2018		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END	
		L	1150	90	101	112.5	80	27.3	645	660	102	566	16.5	15	15	14
KIRIBURU		F	3350	260	222	85.3	258	-13.9	1950	1764	90.4	1680	5.0	1064	913	926
		T	4500	350	323	92.3	337	-4.2	2595	2424	93.4	2247	7.9	1079	928	940
MEGHAHATUBURU		L	875	70	99	140.7	51	94.4	515	638	124	595	7.2	97	25	32
		F	2625	213	239	112.4	243	-1.6	1581	1780	113	1540	15.6	501	251	236
		T	3500	283	338	119.4	294	14.9	2096	2418	115	2135	13.2	598	276	268
BOLANI		L	2586	245	158	64.7	161	-1.8	1525	1301	85.3	1227	6.1	127	118	137
		F	3914	325	262	80.5	273	-4.1	2310	2068	89.5	1929	7.2	1617	1725	1714
		T	6500	570	420	73.7	434	-3.3	3835	3369	87.8	3156	6.7	1744	1843	1851
BARSUA		L	803	70	43	61.6	63	-31.6	485	353	72.7	250	41.0	19	1	15
		F	1697	150	128	85.2	94	36.0	1005	569	56.6	486	17.1	284	284	235
		T	2500	220	171	77.7	157	8.9	1490	922	61.9	736	25.2	303	285	250
TALDIH		L	332	28	31	112.1	22	42.1	193	182	94.2	176	3.5	17	21	34
		F	618	52	55	105.1			361	228	63.2	103	121.2	27	29	30
		T	950	80	86	107.6	22	289.8	554	410	74	279	47.1	44	50	64
KALTA		L	1229	95	54	56.4	78	-31.8	700	401	57.2	478	-16.2	35	3	2
		F	1071	95	40	42.5	75	-46.3	615	325	52.8	399	-18.7	53		1
		T	2300	190	94	49.4	154	-38.9	1315	725	55.2	877	-17.3	88	3	3
GUA		L	1130	100	65	65.1	74	-11.9	645	528	81.9	647	-18.4	26	34	36
		F	2870	250	195	77.9	211	-7.6	1645	1448	88	1407	3.0	141	188	197
		T	4000	350	260	74.3	285	-8.7	2290	1976	86.3	2053	-3.8	167	222	233
MANOHARPUR		L	375	32	30	92.9	29	2.2	221	194	87.8	218	-11.0			8
		F	375	32	50	156.1	34	46.8	221	213	96.3	158	34.6	3	22	
		T	750	64	80	124.5	63	26.3	442	407	92.1	376	8.2	3	22	8
TOTAL		L	8480	730	581	79.6	558	4.1	4929	4256	86.4	4157	2.4	336	217	270
		F	16520	1377	1191	86.5	1188	0.2	9688	8394	86.6	7703	9.0	3690	3412	3347
		T	25000	2107	1772	84.1	1746	1.5	14617	12650	86.5	11859	6.7	4026	3629	3617

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

October 2019

UNIT 000 TE

DEVELOPMENT										
	FOR MONTH			LAST YR Oct 2018	GRTH %	TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF			TGT	ACT	%FF		
KIRIBURU	310	66	21	68	-3	1200	870	72	649	34
MEGHAHATUBURU	320	308	96	145	112	2340	1888	81	1718	10
BOLANI	360	128	36	264	-52	2460	1104	45	1733	-36
BARSUA	160	55	34	36	55	910	342	38	152	125
TALDIH	78	46	59			523	195	37	65	199
KALTA										
GUA	320	37	11	191	-81	1880	384	20	1258	-69
MANOHARPUR							12		1	1029
TOTAL	1548	639	41	703	-9	9313	4796	51	5576	-14.0

ROM										
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KIRIBURU	355	338	95	351	-4	2520	2286	91	2251	2
MEGHAHATUBURU	350	328	94	378	-13	2298	2318	101	2210	5
BOLANI	615	438	71	522	-16	3785	3460	91	3111	11
BARSUA	240	144	60	212	-32	1630	899	55	956	-6
TALDIH	80	91	114	22	309	554	436	79	443	-1
KALTA	200	111	56	142	-22	1315	715	54	870	-18
GUA	350	289	83	295	-2	2290	2089	91	2227	-6
MANOHARPUR	64	69	108	67	3	442	410	93	374	10
TOTAL	2254	1808	80	1989	-9	14834	12612	85	12441	1

TOTAL EXCAVATION										
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KIRIBURU	665	403	61	419	-4	3720	3156	85	2900	9
MEGHAHATUBURU	670	635	95	523	21	4638	4207	91	3928	7
BOLANI	975	566	58	786	-28	6245	4564	73	4844	-6
BARSUA	400	199	50	248	-20	2540	1240	49	1108	12
TALDIH	158	137	87	22	515	1077	632	59	508	24
KALTA	200	111	56	142	-22	1315	715	54	870	-18
GUA	670	326	49	485	-33	4170	2473	59	3485	-29
MANOHARPUR	64	69	108	67	3	442	422	95	375	12
TOTAL	3802	2447	64	2692	-9	24147	17408	72	18017	-3

Performance against Last Year

Unit in Te

	PREVIOUS YEAR EXCAVATION PERFORMANCE 2018-19																											
	Kiriburu			Megahatuburu			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		2365	121796	98306	23490	141140	141140		532303	341000	191303	18700	18700		2504276	1484874	1019402	
May-18	464760	365490	99270	660790	297090	363700	697182	468363	228819	109405	88915	20490	111636	89676	21960	144020	144020		571268	341100	230168	70140	70140		2829201	1864794	964407	
Jun-18	538824	346680	192144	595770	262170	333600	705132	485008	220124	197559	181049	16510	94690	79030	15660	117100	117100		431453	325310	106143	65968	64914	1054	2746496	1861261	885235	
Jul-18	343980	310230	33750	489910	315810	174100	605878	449568	156310	157244	141135	16109	75485	71255	4230	89100	89100		486783	322650	164133	46439	46439		2294819	1746187	548632	
Aug-18	346140	314280	31860	606930	358830	248100	706618	424818	281800	190450	155765	34685	60770	60770		127600	127600		490050	300060	189990	50834	50834		2579392	1792957	786435	
Sep-18	373230	285570	87660	471450	298350	173100	649401	453150	196251	203212	177207	26005	21547	21547		108600	108600		487898	302090	185808	55376	55376		2370714	1701890	668824	
Oct-18	418500	350500	67950	523280	378180	145100	786217	521929	264288	247501	211921	35580	22324	22324		142200	142200		485099	294520	190579	67291	67291		2692412	1988915	703497	
Total	2899984	2250630	649354	3928120	2210220	1717900	4843860	3110944	1732916	1107736	955992	151744	508248	442908	65340	869760	869760		3484855	2226730	1258125	374748	373694	1054	18017311	12440878	5576433	

Change Over Last Year

	THIS YEAR EXCAVATION PERFORMANCE 2019-20																											
	Kiriburu			Megahatuburu			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-19	476920	304560	172360	581010	330210	250800	731841	548586	183255	2412	2412		45841	45616	225	176200	176200		334980	290790	44190	92799	84005	8794	2442003	1782379	659624	
May-19	513762	305010	208752	600080	348300	251780	677697	570506	107191	256843	180023	76820	53438	53438		159400	159400		373590	292950	80640	62702	61609	1093	2697512	1971236	726276	
Jun-19	518580	360630	157950	611100	335430	275670	736765	583665	153100	219139	160464	58675	87789	45903	41886	129100	129100		355590	312750	42840	37068	35059	2009	2695131	1963001	732130	
Jul-19	462420	359820	102600	596481	317610	278871	666320	548798	117522	210022	158842	51180	116769	73281	43488	84200	84200		319140	293490	25650	47976	47976		2503328	1884017	619311	
Aug-19	410850	320490	90360	578915	350100	228815	599032	493051	105981	187353	135788	51565	63168	41820	21348	27700	27700		378630	322830	55800	65108	65108		2310756	1756887	553869	
Sep-19	370170	297810	72360	603920	309330	294590	586581	277302	309279	165141	116906	48235	127412	85008	42404	26700	26700		385250	286830	98420	46629	46629		2311803	1446515	865288	
Oct-19	403290	337680	65610	635372	327510	307862	565753	437635	128118	199221	144171	55050	137310	91285	46025	111400	111400		325875	289080	36795	69265	69265		2447486	1808026	639460	
Total	3155992	2286000	869992	4206878	2318490	1888388	4563989	3459543	1104446	1240131	898606	341525	631727	436351	195376	714700	714700		2473055	2088720	384335	421547	409651	11896	17408019	12612061	4795958	

Performance against Last Year

Unit in Te

	PREVIOUS 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-17	83313	282177	365490	86157	217474	303631	184358	276615	460973	23342	65573	88915	35870	35918	71788	74843	71871	146714	94338	246762	34100	44310	25830	70140	626531	1222220	1848751	
Jun-17	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-17	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-17	90540	223740	314280	137381	135108	272489	188120	219138	407258	47165	99358	146523	24308	664	24972	78855	52463	131318	84805	215255	300060	31619	19215	50834	682793	964941	1647734	
Sep-17	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-17	85742	264808	350550	90090	270372	360462	217696	286553	504249	55820	148752	204572	6697		6697	74938	76859	151797	79019	215501	294520	31869	35426	67295	641871	1298271	1940142	
Total	574770	1675860	2250630	631067	1384345	2015412	1231675	1813020	3044695	274016	649139	923155	172797	105260	278057	481269	395686	876955	622802	1603928	2226730	214471	159227	373698	4202867	7786465	11989332	

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	THIS YEAR PRODUCTION PERFORMANCE 2019-20																											
	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-19	96120	208440	304560	80355	231111	311466	235045	320436	555481	1447	965	2412	23020	22596	45616	70273	83074	153346	86470	204320	290790	41031	42975	84006	633761	1113916	1747677	
May-19	80463	224547	305010	72935	263700	336635	215460	379261	594721	90186	89837	180023	27238	21392	48630	68818	82737	151555	86275	206675	292950	25831	35778	61609	667206	1303927	1971133	
Jun-19	96565	264065	360630	75243	248397	323640	191188	393427	584615	54669	105795	160464	20853	22227	43080	64730	43652	108382	92885	219865	312750	7447	27612	35059	603580	1325040	1928620	
Jul-19	108100	251149	359249	68360	211573	279933	194632	352006	546638	60996	89376	150372	24663	45143	69806	69762	19497	89259	84110	209380	293490	43828	4148	47976	654451	1182272	1836723	
Aug-19	96623	223867	320490	84377	199584	283961	196442	293979	490421	44574	85833	130407	9534	30333	39867	23714	3041	26755	86283	236547	322830	21773	43335	65108	563320	1116519	1679839	
Sep-19	80314	217496	297810	93604	160647	254251	102200	179842	282042	38793	71357	110150	42815	38188	81003	10051	10051	77945	208885	286830	15294	31335	46629	461016	907750	1368766		
Oct-19	102046	235634	337680	103791	227315	331106	181041	256145	437186	57640	80281	137921	32725	54214	86939	52271	42258	94528	80665	208415	289080	33177	36088	69265	643355	1140350	1783705	
Total	660231	1625198	2285429	578665	1542327	2120992	1316008	2175096	3491104	348305	523444	871749	180848	234093	414941	359618	274258	633877	594633	1494087	2088720	188381	221271	409652	4226690	8089774	12316464	

ge Over Last Year																													
DIFF	85461	-50662	34799	-52402	157982	105580	84333	362076	446409	74289	-125695	-51406	8051	128833	136884	-121651	-121428	-243078	-28169	-109841	-138010	-26090	62044	35954	23823	303309	327132		

%Chg	15	-3	2	-8	11	5	7	20	15	27	-19	-6	5	122	49	-25	-31	-28	-5	-7	-6	-12	39	10	1	4	3
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Performance against Last Year

Unit in Te

	PREVIOUS YEAR DESPATCH PERFORMANCE 2018-19																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-18	83370	219106	302476	124184	208457	332641	121767	314857	436624				41799	23872	65671	72764	88815	161579	110181	207154	317335	18434	18434	572499	1062261	1634760	
May-18	86809	224690	311499	90587	221302	311889	143299	321339	464638	11027	13401	24428	28797	33720	62517	72019	67164	139183	105183	173192	278373	48609	22053	70662	586328	1076861	1663189
Jun-18	77029	251775	328804	55535	254983	310518	233646	310958	544604	48990	69219	118209	36341	16492	52833	71150	57334	128484	97799	171704	269503	30731	33316	64047	651221	1165781	1817002
Jul-18	86744	222210	308954	86332	189169	275501	196074	277784	473858	49665	110036	159701	32062	14194	46256	46764	14455	61219	99794	213607	313401	22688	26287	48975	620123	1067742	1687865
Aug-18	70849	232280	303129	103720	211329	315049	195435	210652	406087	34538	112653	147191	10639	10639	79638	39235	118873	89921	225752	315673	26029	19246	45275	610769	1051147	1661916	
Sep-18	82155	272635	354790	83990	211535	295525	175113	220309	395422	42903	86578	129482	3846	14883	18729	57156	57061	114217	70118	204300	274418	42425	23236	65661	557706	1090537	1648244
Oct-18	79501	257678	337179	50670	243433	294103	161384	273019	434403	63013	93967	156980	22076		22076	78468	75139	153607	73948	210812	284760	29102	34024	63126	558162	1188072	1746234
Total	566457	1680374	2246831	595018	1540208	2135226	1226718	1928918	3155636	250136	485854	735991	175560	103161	278721	477959	399203	877162	646942	1406521	2053463	218018	158162	376180	4156808	7702401	11859210

	THIS YEAR DESPATCH PERFORMANCE 2019-20																										
	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-19	96988	280794	377782	115405	294500	409906	160085	257840	417926	18255	60941	79197	23870	24945	48815	81820	99024	180844	93757	203027	296784	37460	40809	78269	627641	1261881	1889522
May-19	84249	276191	360439	69662	300928	370590	218759	294752	513511	67408	52621	120030	23807	19674	43481	71974	110531	182505	80272	206594	286866	34307	33098	67405	650438	1294389	1944827
Jun-19	95527	281789	377316	80316	264348	344664	211647	346997	558644	77147	107264	184411	19975	14596	34570	61726	37443	99169	81427	211581	293008	6378	24141	30520	634143	1288159	1922302
Jul-19	103456	258082	361538	87011	266761	353772	202773	327706	530480	58008	65353	123360	27185	42716	69901	92230	29799	122029	75013	191694	266707	46149	10536	56685	691826	1192647	1884472
Aug-19	97197	225015	322212	96678	217620	314298	204511	320141	524652	46417	87433	133850	9867	25602	35469	32191	7703	39894	67554	220597	288151	18968	15446	34414	573383	1119558	1692941
Sep-19	81263	219828	301091	90536	196358	286893	144955	258410	403365	42417	67431	109847	45638	45984	91622	7124		7124	64882	219808	284690	21038	38926	59964	497852	1046744	1544597
Oct-19	101241	221884	323125	98521	239451	337972	158402	261781	420183	43121	127796	170917	31382	54671	86053	53552	40352	93904	65118	194804	259922	29741	49956	79697	581077	1190695	1771772
Total	659920	1763583	2423503	638129	1779966	2418095	1301133	2067628	3368760	352773	568839	921612	181724	228188	409912	400617	324852	725469	528023	1448105	1976128	194042	212912	406954	4256361	8394072	12650433

Change Over Last Year

DIFF	93463	83209	176672	43111	239758	282869	74415	138710	213124	102637	82985	185622	6164	125027	131191	-77342	-74351	-151693	-118919	41584	-77335	-23976	54750	30774	99553	691671	791223
%Chg	16.5	5.0	7.9	7.2	15.6	13.2	6.1	7.2	6.8	41.0	17.1	25.2	3.5	121.2	47.1	-16.2	-18.6	-17.3	-18.4	3.0	-3.8	-11.0	34.6	8.2	2.4	9.0	6.7

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2019

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	20	22	108	175	101	58	239	-58	60	93	155	355	766	216	652	18	80	115	144	530	867	164	891	-3
MBR	45	53	117	330	326	99	250	31	55	82	148	564	607	108	616	-2	100	134	134	894	933	104	866	8
BOL	79	15	19	405	381	94	397	-4	75	15	21	525	300	57	466	-36	154	31	20	930	681	73	864	-21
BAR	55	43	78	400	353	88	23	1401	85	93	109	638	534	84	347	54	140	136	97	1038	887	85	370	139
TAL	15	31	209	105	162	154	36	345	30	32	108	168	96	57	103	-7	45	64	142	273	258	94	140	85
KAL	45			305	3	1	279	-99	25	12	47	139	45	32	90	-50	70	12	17	444	49	11	370	-87
GUA	5	4	75	25	29	117	19	55	6	6	101	50	79	157	68	15	11	10	89	75	108	144	87	24
MPR	5	18	367	62	136	219	135	0	15	17	110	105	77	73	96	-20	20	35	174	167	213	127	231	-8
RMD TOT	269	186	69	1807	1492	83	1380	8	351	350	100	2544	2503	98	2440	3	620	536	86	4351	3995	92	3819	5
DRZ																								
PUR																								
GR TOT	269	186	69	1807	1492	83	1380	8	351	350	100	2544	2503	98	2440	3	620	536	86	4351	3995	92	3819	5

FLUXES

KTR	40	40	99	280	271	97	198	37
TDMR	8	7	86	40	46	114	39	16
TOT	48	47	97	320	317	99	237	33

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2019

द्वारापूर 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			APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF		
KRB																								
MBR				5			7	-32	8	19	240	46	105	229	74	43	8	19	240	46	110	239	81	36
BOL	126	117	93	820	660	81	592	12	168	180	107	1158	1072	93	942	14	294	297	101	1978	1733	88	1534	13
BAR																								
TAL																								
KAL																								
GUA	30	4	15	182	170	94	263	-35	50	6	11	336	320	95	605	-47	80	10	12	518	490	95	868	-44
MPR																								
RMD TOT	156	122	78	1002	835	83	862	-3	226	204	90	1540	1497	97	1620	-8	382	326	85	2542	2333	92	2483	-6
DRZ																								
PUR																								
GR TOT	156	122	78	1002	835	83	862	-3	226	204	90	1540	1497	97	1620	-8	382	326	85	2542	2333	92	2483	-6

FLUXES

KTR	8	4	50	44	32	72	28	14
TDMR								
TOT	8	4	50	44	32	72	28	14

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
October 2019
राउरकेला 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			APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF						
KRB	70	80	114	470	559	119	328	71	80	107	134	665	791	119	979	-19	150	187	124	1135	1350	119	1307	3				
MBR	25	46	183	185	307	166	335	-8	120	106	89	775	848	109	736	15	145	152	105	960	1155	120	1071	8				
BOL																												
BAR	15			85			227	-100	65	35	54	367	35	10	139	-75	80	35	44	452	35	8	366	-90				
TAL	13			88	20	23	139	-86	22	22	102	193	132	69			35	22	64	281	152	54	139	9				
KAL	50	54	107	395	397	101	199	100	70	29	41	476	280	59	309	-9	120	82	68	871	677	78	508	33				
GUA													11												11			
MPR		11		10	55	549	75	-27	17	33	197	116	130	112	50	159	17	45	264	126	185	147	126	47				
RMD TOT	173	190	110	1233	1338	108	1302	3	374	333	89	2592	2227	86	2214	1	547	523	96	3825	3565	93	3516	1				
PUR																												
DRZ								6	-100																6	-100		
GR TOT	173	190	110	1233	1338	108	1308	2	374	333	89	2592	2227	86	2214	1	547	523	96	3825	3565	93	3522	1				
FLUXES																												
KTR	16	24	148	68	159	234	51	213																				
TDMR	4	8	194	25	11	42	8	30																				
TOT	20	31	157	93	170	183	59	187																				

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2019

बनेपूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB																3	-100							3	-100
MBR							3	-100		32			220		106	107		32			220			110	101
BOL	40	26	65	300	259	86	237	9	70	67	95	595	696	117	521	34	110	93	84	895	955	107	758	26	
BAR																									
TAL																									
KAL																									
GUA	65	57	88	438	328	75	365	-10	186	123	66	1190	785	66	734	7	251	180	72	1628	1113	68	1098	1	
MPR	27			149	3	2	8	-54						3		12	-72	27			149	7	4	19	-65
RMD TOT	132	83	63	887	591	67	613	-3	256	222	87	1785	1704	95	1375	24	388	305	79	2672	2295	86	1988	15	
DRZ																									
PUR																									
GR TOT	132	83	63	887	591	67	613	-3	256	222	87	1785	1704	95	1375	24	388	305	79	2672	2295	86	1988	15	

FLUXES

KTR								
TDMR							3	-100
TOT							3	-100

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2019

भेलाइ 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			APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF				
KRB									100	22	22	700	206	29	46	350	100	22	22	700	206	29	46	350		
MBR															8	-100								8	-100	
BOL																										
BAR																										
TAL																										
KAL																										
GUA									60			254					60			254						
MPR												3								3						
RMD TOT									100	82	82	700	463	66	54	765	100	82	82	700	463	66	54	765		
DRZ																										
PUR																										
GR TOT									100	82	82	700	463	66	54	765	100	82	82	700	463	66	54	765		
FLUXES																										
KTR	40	43	109	292	318	109	242	31																		
TDMR	8	7	82	38	30	79	82	-63																		
TOT	48	50	104	330	348	105	324	7																		

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

October 2019

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	90	101	112	645	660	102	566	16	240	222	92	1720	1764	103	1680	5	330	323	98	2365	2424	102	2247	8
MBR	70	99	141	515	638	124	595	7	183	239	131	1385	1780	129	1540	16	253	338	134	1900	2418	127	2135	13
BOL	245	158	65	1525	1301	85	1227	6	313	262	84	2278	2068	91	1929	7	558	420	75	3803	3369	89	3156	7
BAR	70	43	62	485	353	73	250	41	150	128	85	1005	569	57	486	17	220	171	78	1490	922	62	736	25
TAL	28	31	112	193	182	94	176	4	52	55	105	361	228	63	103	121	80	86	108	554	410	74	279	47
KAL	95	54	56	700	401	57	478	-16	95	40	42	615	325	53	399	-19	190	94	49	1315	725	55	877	-17
GUA	100	65	65	645	528	82	647	-18	242	195	80	1576	1448	92	1407	3	342	260	76	2221	1976	89	2053	-4
MPR	32	30	93	221	194	88	218	-11	32	50	156	221	213	96	158	35	64	80	125	442	407	92	376	8
RMD TOT	730	581	80	4929	4256	86	4163	2	1307	1191	91	9161	8394	92	7703	9	2037	1772	87	14090	12650	90	11859	7
PUR																								
DRZ							6	-100															6	-100
GR TOT	730	581	80	4929	4256	86	4163	2	1307	1191	91	9161	8394	92	7703	9	2037	1772	87	14090	12650	90	11865	7

FLUXES

KTR	104	111	107	684	780	114	519	50
TDMR	20	21	106	103	86	84	132	-35
TOT	124	132	106	787	866	110	651	33

FLUX MINES OPERATIONS
October 2019

UNIT 000 TONNES

PRODUCTION

MINE		PLAN 2019-20	FOR THE MONTH				GRTH % OVER LSTYR Oct 2018	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR Oct 2018		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1200	105	109	104.0	60	80.9	685	774	113	505	53.3
TULSIDAMAR	DOLO	210	20	17	83.6	15	11.7	103	110	107	107	3.2
RMD TOTAL		1410	125	126	100.7	75	67.2	788	884	112	611	44.6

DESPATCHES

MINE		PLAN 2019-20	FOR THE MONTH				GRTH % OVER LSTYR	TILL THE MONTH				GRTH % OVER LSTYR
			TGT	ACT	%FF	LAST YR		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	1200	104	111	106.5	67	65.6	684	780	114	519	50.2
TULSIDAMAR	DOLO	210	20	21	105.9	15	41.5	103	86	83.6	132	-34.5
RMD TOTAL		1410	124	132	106.4	82	61.2	787	866	110	651	33.1

Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2018-19					
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-18	65066	71776	13836	22043	78902	93819
May-18	75105	87834	14281	12953	89386	100787
Jun-18	98203	86914	15876	21881	114079	108795
Jul-18	81536	79424	12834	20622	94370	100046
Aug-18	46162	47466	14831	26918	60993	74384
Sep-18	78218	79007	19986	12059	98204	91066
Oct-18	60349	66898	14957	14969	75306	81867
Total	504639	519318	106601	131445	611240	650763

THIS YEAR FLUX PERFORMANCE 2019-20						
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-19	103185	103843	4991	6436	108176	110279
May-19	106405	111455	13271	5580	119676	117035
Jun-19	99865	103779	17007	21047	116872	124825
Jul-19	116147	103395	21599	19730	137746	123125
Aug-19	114438	118764	18702	8038	133140	126802
Sep-19	124345	127962	17721	4121	142066	132083
Oct-19	109201	110791	16712	21181	125913	131972
Total	773585	779987	110004	86133	883589	866120

Over Last Year

DIFF	268946	260669	3403	-45312	272349	215356
%Chg	53.3	50.2	3.2	-34.5	44.6	33.1

QUALITY ANALYSED AT PLANT

October 2019

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाईन्स

FLUX

MINES		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
KRB	NORM	62.5	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT	62.31	4.31	1.74	24.23	13.68	61.15	5.34	2.26	8.36	31.19		MTH ACT	28.74	16.32	5.15	5.5	8.72
CUM	2019-20	62.64	3.43	2.03	20.78	15.76	61.61	4.33	2.55	8.53	32.41	CUM	2019-20	27.02	17.56	5.48	4.66	8.17
CUM	2018-19	62.69	3.48	1.81	15.13	18.65	62.07	3.84	2.37	9.88	30.63	CUM	2018-19	28.68	18.79	5.17	5.05	9.06

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.32	4.11	1.97	16.37	19.09	61.04	5.64	2.23	6.45	34.03		MTH ACT	43.8	4.36	3.77	10.77	17.73
CUM	2019-20	62.86	3.23	1.93	17.72	17.96	61.51	4.66	2.46	5.99	34.86	CUM	2019-20	43.62	3.72	3.54	10.52	17.28
CUM	2018-19	62.89	3.14	1.89	14.94	19.89	61.79	4.19	2.47	5.29	35.44	CUM	2018-19	43.69	2.42	3.53	6.85	22.69

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40							
	MTH ACT																	
CUM	2019-20	61.29	2.34	1.9	19.11	17.13	59.93	3.55	2.55	3.7	37.2							
CUM	2018-19	63.14	2.75	1.87	20.18	18.68	62.37	3.44	2.22	3.03	41.02							

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30							
	MTH ACT	62.62	3.42	1.98	20.66	14.71	61.64	4.44	2.39	6.29	33.15							
CUM	2019-20	62.99	2.61	2.25	21.11	17.05	61.75	3.89	2.72	6.29	34.81							
CUM	2018-19	62.96	2.87	2.03	20.19	17.09	61.9	3.62	2.66	5.89	34.49							

BAR	NORM	62.5	2.9	3	10	10	62	3.5	3	5	30							
	MTH ACT	62.42	3.1	2.72	17.72	24.2	61.24	4.28	3.25	6.46	32.53							
CUM	2019-20	62.73	2.56	2.73	18.73	16.63	61.16	4.02	3.53	6.29	33.68							
CUM	2018-19	62.75	2.28	2.97	20.11	17.79	61.52	3.47	3.6	6.1	34.36							

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40							
	MTH ACT						61.84	4.08	2.64	5.6	40.4							
CUM	2019-20	64.41	1.86	1.57	8.3	10.2	62.72	3.19	2.19	4.86	32.2							
CUM	2018-19	63.76	2.13	2.06	6.64	12.96	63.31	2.45	2.27	4.49	29.85							

MPR	NORM	63			10	10	63			5	40							
	MTH ACT	63.28	2.4	2.19	12	10.06	62.56	3.38	2.29	4.88	29.4							
CUM	2019-20	63.68	2.02	2.01	11.42	9.13	62.83	3.18	2.06	4.63	29.14							
CUM	2018-19	63.78	2.07	1.91	13	10.83	63.29	2.48	2.19	4.53	29.54							

TAL	NORM	62.5			5	10	62			5	40							
	MTH ACT	62.98	2.48	2.47	9.76	12.38	62.08	3.71	2.56	5.3	30.23							
CUM	2019-20	63.19	2.28	2.28	10.47	10.95	61.86	3.71	2.82	5.08	30.3							
CUM	2018-19	63.31	2.42	2.14	12.11	14.44	62.53	2.87	3.02	4.9	30.39							

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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%
MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT						59.48	8.43	2.33	5.78	44.85		MTH ACT	43.4	2.35	4.8	3.85	8.65
CUM	2019-20	58.8	6.9	2.6	5.2	17.1	60.56	6.73	2.45	6.63	46.27	CUM	2019-20	45.59	1.74	4.16	12.58	25.24
CUM	2018-19	61.14	2.53	1.95	17.13	4.09	61.58	5.04	2.2	4.04	47.09	CUM	2018-19	46.79	2.11	3.99	18.2	17.77

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40
	MTH ACT						60.3	6.13	3	9.3	43.2
CUM	2019-20	62.01	3.66	1.97	14.13	12.4	62.47	3.54	2.46	4.52	48.89
CUM	2018-19	62.7	3.12	1.68	20.86	15.61	63.29	3.01	1.97	2.91	50.58

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30
	MTH ACT	62.29	3.13	1.9	22.47	12.85	62.96	3.3	2.14	5.25	41.98
CUM	2019-20	61.74	3.47	1.88	26.92	11.95	62.16	3.42	2.49	7.7	40.44
CUM	2018-19	62.18	2.87	1.94	22.28	14.17	62.39	3.07	2.61	5.88	41.44

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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	62.5	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	30	18	5	5	10
	MTH ACT	61.3	6.0	1.9	13.8	23.1	60.3	6.7	2	6	41		MTH ACT				
CUM	2019-20	62.12	4.15	2.49	16.11	21.54	61.46	4.5	2.46	7.56	39.89	CUM	2019-20	29.7	19.7	3.4	
CUM	2018-19	62.57	3.3	2.68	14.73	20.57	62.07	3.31	2.72	7.5	37.19	CUM	2018-19				

MBR	NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	61.30	5.7	2.1	19	21	60.3	6.7	2	6	41		MTH ACT	49.09	2.86	3.7		
CUM	2019-20	62.42	2.93	3.23	19.8	20.1	61.53	4.29	2.54	10.1	34.67	CUM	2019-20	49.97	2.32	3.43		
CUM	2018-19	62.53	3.23	2.82	15.66	20	62.01	3.41	2.71	8.1	35.62	CUM	2018-19	49.78	2.61	3.04		

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40						
	MTH ACT																
CUM	2019-20						62.1	4.1	1.93	6.5	38.5						
CUM	2018-19	62.6	3.3	2.6	4	41											

BAR	NORM	62.5	2.9	3	10	10	62	3.5	3	5	30						
	MTH ACT						61.64	4.06	2.6								
CUM	2019-20						61.64	4.06	2.6								
CUM	2018-19	62.41	3.14	3.08	12.87	22.29	61.8	3.42	2.98	7.2	34.12						

KAL	NORM	63	2.1	2.3	5	10	63	2.4	2.5	5	40						
	MTH ACT	62.8	3.8	2	9.8	22.1	62.6	3.5	1.9	7	39						
CUM	2019-20	63.22	2.77	2.28	15.02	16.02	62.86	2.58	2.32	8.31	38.33						
CUM	2018-19	63.47	2.51	2.16	13.93	16.7	62.96	2.52	2.09	6.27	34.35						

MPR	NORM	63			10	10	63			5	40						
	MTH ACT	63.3	3.1	1.8	17	15.2	62.7	3.4	1.8	7.5	39.5						
CUM	2019-20	63.41	2.6	2.12	18.74	15.98	62.86	2.78	2.12	7.5	38.48						
CUM	2018-19	63.4	2.56	2.27	16.64	15.8	62.93	2.57	2.38	7.89	35.05						

TAL	NORM	62.5			5	10	62			5	40						
	MTH ACT						62.6	2.9	2.53								
CUM	2019-20	62.67	2.88	2.93	14.42	18.95	61.93	3.73	2.55	1.88	9.71						
CUM	2018-19	63.46	2.45	2.26	9.36	17.55											

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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	62.5	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT												MTH ACT					
CUM	2019-20											CUM	2019-20					
CUM	2018-19						62.7	2.24	3.35	13.13	41.97	CUM	2018-19					

MBR		NORM	62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
MBR		MTH ACT						60.7	6.59	1.88	7.34	45.44		MTH ACT					
CUM	2019-20						61.99	4.85	2.22	8.59	38.22	CUM	2019-20						
CUM	2018-19	64.79	1.47	1.18	66.82	0.7	61.27	4.79	3.22	7.97	37.97	CUM	2018-19						

GUA	NORM	62.5	3	2.2	10	10	62.5	3	2.7	5	40							
	MTH ACT	63	4.46	1.67	15.16	11.3	63	40.35	2.07	5.91	49.27							
CUM	2019-20	63.27	3.54	1.87	15.06	7.38	62.99	9.34	2.21	6.17	46.32	CUM	2019-20					
CUM	2018-19	63.06	3.05	1.97	23.77	2.77	62.87	3.49	2.42	5.09	47.62	CUM	2018-19					

BOL	NORM	62.5	2.8	2.5	10	10	62.5	2.9	2.8	5	30							
	MTH ACT	62.47	4.62	1.98	16.84	13.35	62.28	4.35	2.19	7.91	39.3							
CUM	2019-20	63.09	3.6	2.01	24.39	6.5	62.64	3.75	2.47	9.04	38.98	CUM	2019-20					
CUM	2018-19	62.77	3.37	2.15	20.1	2.01	61.65	3.96	3.32	8.43	38.89	CUM	2018-19					

MPR	NORM	63			10	10	63			5	40							
	MTH ACT																	
CUM	2019-20						62.65	4.43	2.56	5.78	47.69	CUM	2019-20					
CUM	2018-19	63.37	2.49	2.12	23.76	3.3	61.03	4.45	3.97	5.28	47.99	CUM	2018-19					

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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	62.5	3	2.5	10	10	62.5	3.4	2.6	5	30	TDM	NORM	30	18	5	5	10
	MTH ACT						63.4	3.68	2.27	11.33	41.97		MTH ACT	27.92	17.89	7.65	35.3	15.55
CUM	2019-20						62.46	4.23	2.41	6.28	41.87	CUM	2019-20	28.13	18.27	7.54	28.63	14.13
CUM	2018-19						62.75	4.08	2.06	9.07	41.2	CUM	2018-19	28.53	17.64	8.24	33.75	9.24

MBR		62.5	3.4	2.6	10	10	62	4	2.5	5	30	KTR	NORM	50	2.25	3.5	5	5
MTH ACT											MTH ACT		49.28	2.61	3.96	9.9	19.5	
CUM	2019-20											CUM	2019-20	49.88	2.21	3.82	8.84	18.2
CUM	2018-19						62.32	4.69	1.61	1.1	39.6	CUM	2018-19	49.83	2.26	3.9	9.19	18.3

GUA		62.5	3	2.2	10	10	62.5	3	2.7	5	40							
MTH ACT						62.95	4.7	1.92	2.56	51.2								
CUM	2019-20						64.03	2.89	1.84	1.97	53.62							
CUM	2018-19																	

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.61	3.35	2.42	14.85	19.99	5.77	0.72	1008420
APP 19-20	62.50	3.00	2.50	10.00	10.00	5.50	0.83	1150000
Apr-19	62.43	3.42	2.57	15.85	19.54	5.99	0.75	98123
May-19	62.53	2.79	3.16	15.16	21.34	5.95	1.13	85576
Jun-19	62.63	3.06	2.87	14.47	22.92	5.93	0.94	81540
Jul-19	62.35	3.98	2.30	18.32	20.56	6.29	0.58	104549
Aug-19	62.07	4.29	2.32	19.87	17.65	6.61	0.54	101188
Sep-19	61.97	4.91	1.95	17.91	21.95	6.86	0.40	77563
Oct-19	61.50	5.66	1.87	15.92	21.19	7.53	0.33	106397
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.20	4.06	2.42	16.86	20.62	6.47	0.60	654936

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.09	3.53	2.57	8.45	34.82	6.10	0.73	2869948
APP 19-20	62.50	3.40	2.60	5.00	30.00	6.00	0.76	3350000
Apr-19	61.96	3.76	2.61	7.48	37.31	6.37	0.69	268667
May-19	62.01	3.63	2.90	7.78	38.21	6.53	0.80	277835
Jun-19	62.15	3.45	2.69	7.63	32.71	6.14	0.78	272036
Jul-19	61.61	4.51	2.38	7.35	37.17	6.89	0.53	252007
Aug-19	61.38	4.88	2.27	8.92	37.56	7.15	0.47	233704
Sep-19	61.11	5.21	2.32	8.37	37.18	7.53	0.44	221053
Oct-19	60.90	5.90	2.13	7.39	37.24	8.03	0.36	218799
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.63	4.40	2.49	7.83	36.72	6.90	0.57	1744101

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.66	3.19	2.46	15.56	19.79	5.64	0.77	1003297
APP 19-20	62.50	3.40	2.60	10.00	10.00	6.00	0.76	875000
Apr-19	62.96	2.90	2.18	17.98	18.75	5.08	0.75	118908
May-19	62.50	2.93	3.07	19.81	19.71	6.01	1.05	69120
Jun-19	62.70	3.07	2.42	18.63	17.47	5.49	0.79	75562
Jul-19	62.64	3.42	2.19	17.50	19.42	5.61	0.64	77921
Aug-19	62.54	3.65	2.21	17.11	20.11	5.86	0.60	101528
Sep-19	62.03	4.72	1.86	18.96	19.80	6.58	0.39	85676
Oct-19	61.84	4.86	2.03	17.61	19.99	6.89	0.42	99234
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.47	3.67	2.25	18.13	19.34	5.91	0.61	627949

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	61.86	3.88	2.62	6.81	36.47	6.50	0.67	2726334
APP 19-20	62.00	4.00	2.50	5.00	30.00	6.50	0.63	2625000
Apr-19	61.93	3.88	2.46	5.54	36.09	6.34	0.63	302274
May-19	61.72	3.94	2.78	7.43	38.62	6.72	0.71	302670
Jun-19	61.73	3.93	2.89	8.52	38.33	6.82	0.74	245894
Jul-19	61.58	4.69	2.48	6.59	37.66	7.18	0.53	278469
Aug-19	61.41	4.97	2.29	7.73	36.00	7.26	0.46	218171
Sep-19	61.53	5.07	2.08	13.68	23.13	7.15	0.41	192913
Oct-19	60.53	6.47	2.09	6.31	39.60	8.56	0.32	235708
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.52	4.63	2.47	7.70	36.12	7.10	0.53	1776099

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.55	2.97	2.01	21.16	12.69	4.98	0.68	2197173
APP 19-20	62.50	2.80	2.50	10.00	10.00	5.30	0.89	2586000
Apr-19	63.10	2.22	2.27	21.08	11.98	4.49	1.02	160023
May-19	62.53	3.01	2.24	18.21	14.02	5.25	0.74	215081
Jun-19	62.76	2.67	2.10	24.48	14.09	4.78	0.79	202516
Jul-19	62.05	4.17	1.87	26.21	11.77	6.04	0.45	197433
Aug-19	61.77	4.01	1.74	30.16	9.27	5.75	0.43	200134
Sep-19	62.26	2.95	1.98	32.23	11.98	4.93	0.67	142430
Oct-19	62.36	3.42	1.92	21.29	13.13	5.35	0.56	146213
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.39	3.24	2.02	24.66	12.34	5.26	0.62	1263830

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.96	3.47	1.88	18.97	7.69	5.34	0.54	1084884
APP 19-20	62.50	3.00	2.20	10.00	10.00	5.20	0.73	1130000
Apr-19	63.45	2.37	2.12	8.58	10.10	4.49	0.89	93991
May-19	63.02	2.84	1.84	10.50	10.31	4.67	0.65	87035
Jun-19	63.52	2.82	1.91	17.35	8.53	4.73	0.68	88072
Jul-19	62.55	3.76	1.76	18.24	7.71	5.52	0.47	79082
Aug-19	62.05	4.52	2.02	23.96	8.08	6.54	0.45	71280
Sep-19	61.87	4.90	1.95	12.89	11.62	6.86	0.40	63634
Oct-19	63.00	4.46	1.67	15.16	11.30	6.13	0.37	57247
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.84	3.53	1.91	14.97	9.57	5.43	0.54	540341

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.05	3.47	2.85	6.72	39.22	6.32	0.82	3267584
APP 19-20	62.50	2.90	2.80	5.00	30.00	5.70	0.97	3914000
Apr-19	61.93	3.33	3.13	7.01	45.01	6.46	0.94	251813
May-19	62.45	3.24	2.59	8.03	39.81	5.83	0.80	297107
Jun-19	62.35	3.44	2.60	8.79	38.10	6.04	0.75	340167
Jul-19	62.19	4.01	2.38	7.33	37.14	6.39	0.59	325186
Aug-19	61.94	4.09	2.42	8.49	38.25	6.51	0.59	317909
Sep-19	62.29	3.32	2.38	9.65	35.90	5.70	0.72	266861
Oct-19	62.71	3.63	2.17	5.99	40.78	5.80	0.60	260458
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.26	3.60	2.51	7.94	39.11	6.11	0.70	2059501

गुआ

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.99	3.32	2.26	4.25	48.31	5.58	0.68	2402128
APP 19-20	62.50	3.00	2.70	5.00	40.00	5.70	0.90	2870000
Apr-19	62.78	3.16	2.75	5.34	43.03	5.91	0.87	203894
May-19	62.90	3.31	2.37	4.75	46.28	5.68	0.72	213942
Jun-19	63.11	3.17	2.32	6.01	47.33	5.48	0.73	219144
Jul-19	63.03	3.52	2.14	5.41	49.48	5.66	0.61	194160
Aug-19	62.33	4.14	2.39	4.28	48.54	6.53	0.58	229040
Sep-19	62.80	4.54	1.76	4.71	50.32	6.31	0.39	213036
Oct-19	62.87	####	2.06	4.87	49.70	####	0.08	202368
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.83	6.77	2.26	5.04	47.81	9.03	0.33	1475584

बरसुआ

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.58	2.71	3.03	16.49	20.04	5.74	1.12	594000
APP 19-20	62.50	2.90	3.00	10.00	10.00	5.90	1.03	803000
Apr-19	62.63	2.36	3.00	16.36	16.33	5.36	1.27	18255
May-19	62.81	2.40	2.75	17.27	15.72	5.15	1.15	64420
Jun-19	62.92	2.42	2.54	21.48	18.28	4.96	1.05	77557
Jul-19	62.54	2.59	2.97	18.12	13.56	5.56	1.15	57323
Aug-19	62.86	2.50	2.62	20.46	14.86	5.12	1.05	46610
Sep-19	62.67	2.68	2.73	16.87	14.86	5.41	1.02	45600
Oct-19	62.42	3.10	2.72	17.72	24.20	5.82	0.88	36216
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.73	2.56	2.73	18.73	16.63	5.29	1.07	345981

बरसुआ

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	61.57	3.46	3.50	6.28	34.32	6.96	1.01	1065000
APP 19-20	62.00	3.50	3.00	5.00	30.00	6.50	0.86	1697000
Apr-19	61.45	3.64	3.43	5.86	33.27	7.07	0.94	67951
May-19	60.77	4.18	4.00	6.43	34.11	8.18	0.96	49035
Jun-19	61.20	3.85	3.61	6.35	34.64	7.46	0.94	103928
Jul-19	60.72	4.17	3.99	6.10	34.90	8.16	0.96	72204
Aug-19	61.29	3.99	3.35	6.41	34.20	7.34	0.84	87433
Sep-19	61.27	4.04	3.36	6.32	31.94	7.40	0.83	60386
Oct-19	61.34	4.23	3.09	6.46	32.53	7.32	0.73	141710
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.19	4.03	3.48	6.30	33.61	7.50	0.86	582647

तल्डीह

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.43	2.44	2.23	9.97	16.87	4.68	0.91	180621
APP 19-20	62.50			5.00	10.00			332000
Apr-19	63.54	1.84	2.19	10.80	11.43	4.03	1.19	24261
May-19	62.98	2.36	2.70	12.41	15.94	5.06	1.14	27391
Jun-19	63.14	2.43	2.49	11.97	12.89	4.91	1.03	17089
Jul-19	63.15	2.00	2.44	10.70	10.40	4.44	1.22	27484
Aug-19	63.49	2.29	1.93	10.43	9.37	4.22	0.84	10603
Sep-19	63.05	2.71	2.13	10.77	10.02	4.84	0.79	43979
Oct-19	62.98	2.48	2.47	9.76	12.38	4.95	1.00	36862
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.14	2.35	2.35	10.89	11.81	4.70	1.00	187669

तल्डीह

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.53	2.87	3.02	4.90	30.39	5.89	1.05	101338
APP 19-20	62.00			5.00	40.00			618000
Apr-19	61.79	3.68	2.92	4.94	29.34	6.60	0.79	25767
May-19	61.91	3.11	3.19	6.66	36.90	6.30	1.02	19562
Jun-19	61.72	3.36	3.25	7.10	36.00	6.61	0.97	14989
Jul-19	61.92	3.82	2.43			6.25	0.64	39453
Aug-19	61.46	4.57	2.40			6.97	0.53	28626
Sep-19	61.82	3.91	2.61	5.96	34.05	6.52	0.67	48752
Oct-19	62.29	3.38	2.55	5.30	30.23	5.93	0.75	55551
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.90	3.72	2.66	5.76	32.54	6.39	0.72	232700

मनोहरपूर

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.65	2.23	2.02	15.03	11.12	4.24	0.90	406931
APP 19-20	63.00			10.00	10.00			375000
Apr-19	63.67	2.12	1.95	14.64	10.92	4.07	0.92	36849
May-19	63.71	1.94	2.14	14.25	11.51	4.08	1.11	29189
Jun-19	63.72	1.95	2.10	10.53	8.40	4.05	1.08	11963
Jul-19	63.62	2.13	2.05	12.37	10.29	4.17	0.96	47536
Aug-19	63.65	2.05	2.07	10.52	9.22	4.12	1.01	19836
Sep-19	63.59	2.36	2.04	17.41	14.87	4.40	0.86	20468
Oct-19	63.29	2.72	2.01	14.32	12.45	4.73	0.74	29259
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.60	2.19	2.04	13.60	11.17	4.24	0.93	195100

काल्टा

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.57	2.38	2.13	11.41	15.41	4.50	0.89	919599
APP 19-20	63.00	2.10	2.30	5.00	10.00	4.40	1.10	1229000
Apr-19	63.48	2.50	2.11	13.65	15.08	4.61	0.84	79514
May-19	63.36	2.21	2.59	16.00	15.70	4.80	1.17	76324
Jun-19	63.30	2.50	2.40	15.40	15.30	4.90	0.96	56938
Jul-19	63.22	2.76	2.30	17.15	13.77	5.06	0.83	91889
Aug-19	63.19	3.15	2.03	17.43	14.71	5.18	0.64	31995
Sep-19	61.80	4.80	2.30	12.00	24.50	7.10	0.48	7294
Oct-19	62.80	3.80	2.00	9.80	22.10	5.80	0.53	50934
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.23	2.77	2.27	14.95	15.98	5.04	0.82	394888

मनोहरपूर

फाइंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	62.95	2.74	2.44	5.18	32.72	5.18	0.89	338554
APP 19-20	63.00			5.00	40.00			375000
Apr-19	62.69	2.66	2.37	6.26	34.42	5.03	0.89	35806
May-19	62.97	2.42	2.46	7.37	37.99	4.89	1.02	37045
Jun-19	62.74	3.06	2.36	4.18	29.32	5.43	0.77	23826
Jul-19	62.40	3.20	2.40	5.00	38.00	5.60	0.75	6347
Aug-19	63.13	3.26	1.56	5.23	29.48	4.82	0.48	16508
Sep-19	62.96	2.90	1.97	6.73	36.32	4.87	0.68	36471
Oct-19	62.66	3.39	1.96	6.67	36.30	5.35	0.58	51326
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.81	2.95	2.15	6.28	34.99	5.10	0.73	207329

काल्टा

फाईंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 18-19	63.03	2.51	2.12	5.94	33.51	4.63	0.85	784000
APP 19-20	63.00	2.40	2.50	5.00	40.00	4.90	1.04	1071000
Apr-19	62.98	2.58	2.19	8.31	35.88	4.77	0.85	96577
May-19	62.92	2.39	2.44	7.95	37.65	4.84	1.02	107867
Jun-19	62.82	2.54	2.39	7.12	37.48	4.93	0.94	45255
Jul-19	62.83	2.60	2.36			4.96	0.91	30255
Aug-19	62.95	2.70	2.15			4.85	0.80	7725
Sep-19								
Oct-19	62.39	3.66	2.10	6.62	39.38	5.76	0.57	45152
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.84	2.66	2.30	7.74	37.31	4.97	0.86	332831

गुणवत्ता :: बोकारो

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	63.09	2.72	2.09	15.93	16.56	4.81	0.77	2375715
APP 19-20	62.60	2.79	2.57	8.89	10.00	5.36	0.92	3145000
Apr-19	63.24	2.43	2.06	16.27	15.46	4.50	0.85	228569
May-19	63.05	2.39	2.41	16.57	16.20	4.80	1.01	232270
Jun-19	63.05	2.49	2.28	20.67	16.77	4.78	0.92	232875
Jul-19	62.91	2.67	2.35	17.14	15.25	5.02	0.88	257492
Aug-19	63.06	2.68	2.18	18.86	14.53	4.86	0.81	178194
Sep-19	62.76	3.05	2.22	17.88	13.89	5.27	0.73	164730
Oct-19	62.59	3.38	2.22	16.21	16.92	5.60	0.66	178093
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.94	2.69	2.25	17.64	15.63	4.94	0.84	1472223

गुणवत्ता:: द्रूगापूर

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.32	2.94	1.87	21.89	14.50	4.81	0.64	1408030
APP 19-20	62.50	2.83	2.45	10.00	10.00	5.28	0.87	1720000
Apr-19	63.22	1.75	2.00	21.81	13.91	3.75	1.14	107785
May-19	62.08	2.95	1.84	17.51	13.40	4.79	0.62	111280
Jun-19	62.45	3.06	1.95	21.15	12.39	5.01	0.64	138970
Jul-19	60.31	5.87	1.77	25.02	11.26	7.63	0.30	105105
Aug-19	60.60	4.68	1.83	28.70	9.63	6.51	0.39	134030
Sep-19	61.65	3.09	2.04	31.22	11.44	5.14	0.66	105300
Oct-19	62.29	3.13	1.90	22.47	12.85	5.03	0.61	105235
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.79	3.52	1.90	23.98	12.06	5.42	0.54	807705

गुणवत्ता :: बोकारो

BLEND

फाइन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	61.99	3.65	2.70	6.61	33.32	6.35	0.74	4170000
APP 19-20	62.30	3.31	2.73	5.00	31.88	6.05	0.83	4751000
Apr-19	61.93	3.77	2.59	6.24	32.92	6.37	0.69	438676
May-19	61.60	3.98	2.96	6.70	33.77	6.94	0.74	359616
Jun-19	61.62	3.83	3.00	6.65	34.74	6.84	0.78	387573
Jul-19	61.40	4.32	2.86	6.70	34.89	7.18	0.66	349911
Aug-19	61.63	4.27	2.63	7.08	33.45	6.90	0.62	333842
Sep-19	61.43	4.60	2.59	6.94	32.43	7.19	0.56	288741
Oct-19	61.35	4.75	2.61	6.70	32.47	7.36	0.55	347254
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.53	4.18	2.75	6.69	33.52	6.93	0.66	2505613

गुणवत्ता:: द्रूगापूर

BLEND

फाइन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.62	3.19	2.37	4.79	44.77	5.56	0.74	2538767
APP 19-20	62.48	2.96	2.77	5.00	32.20	5.73	0.94	2681000
Apr-19	62.01	3.07	3.10	6.63	42.39	6.17	1.01	189194
May-19	62.39	3.19	2.45	6.29	44.54	5.64	0.77	259904
Jun-19	62.24	3.52	2.53	7.02	44.93	6.05	0.72	240565
Jul-19	61.64	4.76	2.44	6.71	43.19	7.20	0.51	223860
Aug-19	61.74	4.00	2.40	7.98	40.79	6.39	0.60	220415
Sep-19	62.26	3.23	2.28	8.50	40.18	5.51	0.71	172770
Oct-19	62.54	3.87	2.19	5.46	42.28	6.06	0.57	205465
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.12	3.68	2.48	6.90	42.78	6.16	0.67	1512173

गुणवत्ता :: राउरकेला

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.84	2.99	2.60	14.29	19.37	5.59	0.87	2462000
APP 19-20	62.67	2.70	2.47	7.94	10.00	5.16	0.91	2090000
Apr-19	62.82	3.02	2.53	15.82	18.42	5.55	0.84	206741
May-19	62.80	2.61	2.99	16.81	19.24	5.61	1.15	230306
Jun-19	62.81	2.92	2.74	15.62	19.54	5.66	0.94	179032
Jul-19	62.74	3.45	2.31	18.08	17.12	5.76	0.67	215981
Aug-19	62.16	4.28	2.33	17.78	19.33	6.61	0.54	156730
Sep-19	62.07	4.73	1.98	17.17	21.56	6.71	0.42	145874
Oct-19	61.83	5.16	1.97	14.22	21.79	7.12	0.38	196038
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.58	3.38	2.59	16.73	19.30	5.97	0.77	1330702

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

लम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.97	3.14	2.04	22.50	2.50	5.18	0.65	1160000
APP 19-20	62.58	2.77	2.30	10.00	10.00	5.06	0.83	1525000
Apr-19	63.31	2.92	2.44	8.28	4.02	5.35	0.84	86829
May-19	62.96	3.67	2.26	11.43	4.99	5.94	0.62	80280
Jun-19	64.09	2.28	1.96	23.14	4.59	4.24	0.86	60360
Jul-19	63.67	3.02	1.67	23.75	5.65	4.68	0.55	101158
Aug-19	63.04	3.82	1.76	29.30	6.80	5.57	0.46	112920
Sep-19	62.53	4.59	1.76	19.42	11.42	6.35	0.38	70740
Oct-19	62.83	4.51	1.77	15.69	11.94	6.28	0.39	82200
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	63.19	3.57	1.93	19.19	6.99	5.50	0.54	594487

गुणवत्ता :: राउरकेला

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.19	3.21	2.62			5.83	0.82	2764000
APP 19-20	62.34	3.38	2.63	5.00	32.66	6.01	0.78	4704000
Apr-19	62.28	3.20	2.55			5.75	0.80	374287
May-19	62.24	2.92	2.86			5.77	0.98	400258
Jun-19	62.09	3.21	2.79			6.00	0.87	291317
Jul-19	61.80	4.01	2.41			6.42	0.60	296807
Aug-19	61.25	5.06	2.21			7.26	0.44	245733
Sep-19	61.40	4.86	2.16			7.02	0.45	268561
Oct-19	61.04	5.55	2.06			7.62	0.37	347406
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	61.78	4.02	2.46			6.48	0.61	2224369

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 18-19	62.28	3.76	2.84	6.57	43.68	6.60	0.76	2760000
APP 19-20	62.50	2.97	2.73	5.00	36.91	5.70	0.92	3184000
Apr-19	62.43	3.66	3.07	6.59	50.09	6.73	0.84	173135
May-19	62.92	3.70	2.44	7.87	41.98	6.14	0.66	196080
Jun-19	62.99	3.33	2.45	9.68	38.93	5.78	0.73	293700
Jul-19	63.13	3.47	2.11	6.87	41.25	5.58	0.61	273411
Aug-19	62.33	4.25	2.36	7.31	41.39	6.61	0.56	284340
Sep-19	62.64	4.20	1.96	7.92	40.06	6.16	0.47	255960
Oct-19	62.45	####	2.08	6.72	45.71	###	0.08	219240
Nov-19								
Dec-19								
Jan-20								
Feb-20								
Mar-20								
CUMML	62.72	6.46	2.32	7.66	42.27	8.78	0.36	1695866

तुलसीदामर

BF DOLOMITE

गुणवत्ता :: बोकारो इस्पात संयंत्र

कुटेश्वर

BF LIMESTONE

	CaO	MgO	SiO ₂	OS	US
Act 18-19	28.68	18.79	5.17	5.05	9.06
APP 19-20	30.00	18.00	5.00	5.00	10.00
Apr-19	26.91	17.50	5.22	4.10	7.93
May-19	25.18	17.65	4.83	4.30	8.30
Jun-19	26.74	17.60	5.94	3.93	7.25
Jul-19	26.49	18.40	5.40	4.75	7.88
Aug-19	26.47	17.99	5.96	4.68	9.05
Sep-19					
Oct-19	28.74	16.32	5.15	5.50	8.72
Nov-19					
Dec-19					
Jan-20					
Feb-20					
Mar-20					
CUMML	27.02	17.56	5.48	4.66	8.17

	CaO	MgO	SiO ₂	OS	US
Act 18-19	43.69	2.42	3.53	6.85	22.69
APP 19-20	50.00	2.25	3.50	5.00	5.00
Apr-19	44.23	2.17	3.39	10.16	14.07
May-19	42.58	2.81	3.42	10.98	15.28
Jun-19	43.23	3.82	3.54	9.03	18.40
Jul-19	44.14	3.93	3.61	12.77	14.68
Aug-19	44.27	3.96	3.54	10.77	16.23
Sep-19	42.69	4.61	3.45	8.45	24.66
Oct-19	43.80	4.36	3.77	10.77	17.73
Nov-19					
Dec-19					
Jan-20					
Feb-20					
Mar-20					
CUMML	43.62	3.72	3.54	10.52	17.28

तुलसीदामर

BF DOLOMITE

गुणवत्ता :: भिलाई इस्पात संयंत्र

कुटेश्वर

BF LST

	CaO	MgO	SiO ₂	OS	US
Act 18-19	28.53	17.64	8.24	33.8	9.24
APP 19-20	30.00	18.00	5.00	5.00	10.00
Apr-19	28.84	18.19	7.38	20.84	10.39
May-19	28.46	17.85	8.02	26.50	13.50
Jun-19	42.69	4.61	3.45	8.45	24.66
Jul-19	28.76	18.35	7.30	27.03	9.87
Aug-19					
Sep-19					
Oct-19	27.92	17.89	7.65	35.30	15.55
Nov-19					
Dec-19					
Jan-20					
Feb-20					
Mar-20					
CUMML	28.13	18.27	7.54	28.63	14.13

	CaO	MgO	SiO ₂	OS	US
Act 18-19	49.83	2.26	3.9	9.19	18.3
APP 19-20	50.00	2.25	3.50	5.00	5.00
Apr-19	50.13	2.04	3.84	8.10	16.00
May-19	49.09	2.51	4.18	8.66	15.94
Jun-19	50.37	1.95	3.68	8.93	12.33
Jul-19	50.40	1.85	3.79	8.80	23.00
Aug-19	50.40	1.85	3.79	8.80	23.00
Sep-19	49.81	2.27	3.78	9.40	20.40
Oct-19	49.28	2.61	3.96	9.90	19.50
Nov-19					
Dec-19					
Jan-20					
Feb-20					
Mar-20					
CUMML	49.88	2.21	3.82	8.84	18.20

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Oct-19	MAKE / TYPE	CAP	DATE OF COMMISSION	October-19										2019-2020												
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/H R	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR			
EXCAVATORS [4]																												
BE-18	23133	23133	BEML,BE-1000	4.5CU.M	31-Jul-08	620	620											4280	4280									
EX-20	24918	26223	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	388	41	232	191	37.4	30.8	82.3	705	47.64	4280	699	2276	3581	1305	83.7	36.4	30.5	5.82	71.11			
EX-22	14347	16763	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620	12	262	608	346	98.1	55.8	56.9	1834	67.05	4280	107	1758	4174	2416	97.5	57.9	56.4	5.75	65.34			
EX-23	15098	17678	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620	79	185	541	356	87.3	57.4	65.8	1942	65.17	4280	187	1513	4093	2580	95.6	63.0	60.3	5.01	61.05			
						TOTAL	1860	479	488	1381	893	74.2	64.7	48.0	4481	62.15	12840	993	5547	11848	6301	92.3	53.2	49.1	5.46	64.78		
DUMPERS [8]																												
DUM-82	26594	26594	BEML,210M	50Te	13-Apr-04												-	-	3060	3060								
DUM-84	24408	24408	BEML,210M	50Te	6-Apr-07												-	-	3060	3060								
DUM-85	21444	21444	BEML,210M	50Te	6-Apr-07												-	-	3060	3060								
DUM-86	21914	21914	BEML,210M	50Te	10-Jul-07												-	-	3060	3060								
						TOTAL												12240	12240									
DUM-87	13614	13802	BEML,BH-85	85Te	30-Mar-08	620	620										-	-	3660	2861	611	799	188	21.8	23.5	5.1	4.39	43.94
DUM 88	29181	30605	KOMATSU HD785-7	100 Te	23-Jul-10	620	240	174	380	206	61.29	54.21	33.23	3.37	45.15	4280	1826	1030	2454	1424	57.3	58.0	33.3	3.38	39.99			
DUM 89	34269	35539	KOMATSU HD785-7	100Te	23-Jul-10	620	138	297	482	185	77.4	38.38	29.84	3.30	44.86	4280	1597	1413	2683	1270	62.7	47.3	29.7	3.72	37.80			
DUM-91	18341	18959	CAT 777D	100T	2-Feb-12	620	56	502	564	62	90.97	10.99	10.00	4.21	47.58	4280	1030	2632	3250	618	75.9	19.0	14.4	4.90	46.73			
DUM-92	20471	21402	CAT 777D	100T	2-Feb-12	620	58	447	562	115	90.65	20.46	18.55	4.10	45.22	4280	1329	2020	2951	931	68.9	31.5	21.8	4.04	38.39			
DUM-93	8194	10137	BEML BH-100	100T	2-May-15	620	10	312	610	298	98.39	48.85	48.06	3.69	50.84	4280	504	1833	3776	1943	88.2	51.5	45.4	3.37	45.33			
DUM-94	6521	8186	BEML BH-100	100T	2-May-15	620	80	272	540	268	87.10	49.63	43.23	3.39	53.17	4280	794	1821	3486	1665	81.4	47.8	38.9	3.59	45.64			
DUM-95	5381	6250	BEML BH-1005	100T	May 2016	620	276	241	344	103	55.48	29.94	16.61	4.22	44.17	4280	734	2677	3546	869	82.9	24.5	20.3	5.58	45.91			
						TOTAL	4340	858	2245	3482	1237	80.23	35.53	28.50	3.62	48.26	29960	7814	13426	22146	8720	73.9	39.4	29.1	3.87	42.84		
DRILL [4]																												
DM-17	22677	23017	IR-ROTACOL-IDM-30	160mm	24-Mar-05	496	330	126	166	40	33.47	24.10	8.06	8.98	51.25	3424	1973	1112	1452	340	42.4	23.4	9.9	9.23	37.41			
DM-18	25867	26630	AC-ROTACOL-IDM-30	160mm	19-May-08	496	273	128	223	95	44.96	42.60	19.15	9.63	35.79	3424	1110	1551	2314	763	67.6	33.0	22.3	9.63	28.85			
DM-19	18828	18828	AC-ROTACOL-IDM-30	160mm	14-Oct-09	496	496																					
DM-20	10441	11656	AC-ROTACOL-IDM-30	160mm	Oct '14	496	101	213	395	182	79.64	46.08	36.69	9.75	31.32	3424	543	1667	2881	1215	84.1	42.2	35.5	9.72	27.90			
						TOTAL	1984	1200	467	784	317	39.52	40.43	15.98	9.62	35.17	13696	7050	4330	6647	2317	48.5	34.9	16.9	9.62	29.60		
DOZER [6]																												
DOZ-29	18180	18180	BEML, D-355	410HP	11-Jun-04	496	496										-	-	3424	2928	496	496		14.5				
DOZ-30	21843	21866	BEML, D-355	410HP	8-Jul-07	496	496										-	-	3424	2900	501	524	23	15.3	4.4	0.7		36.96
DOZ-31	19778	20201	BEML, D-355	410 HP	19-Feb-09	496	224	220	272	53	54.8	19.3	10.6			32.38	3424	1314	1687	2110	424	61.6	20.1	12.4		35.42		
DOZ-32	6614	6885	BEML, D-355	410 HP	17-Apr-15	496		451	496	45	100.0	9.1	9.1			35.56	3424	1873	1280	1551	271	45.3	17.5	7.9		38.19		
DOZ-33	4439	5820	BEML, D-356	410HP	22-Sep-17	496	269	145	227	82	45.8	36.1	16.5			37.20	3424	594	1450	2830	1381	82.7	48.8	40.3		37.49		
DOZ-34	630	2186	BEML, D-356	410HP	31-Dec-18	496	8	240	488	249	98.4	50.9	50.1			37.22	3424	293	1575	3131	1557	91.4	49.7	45.5		34.53		
						TOTAL	2976	1493	1055	1483	428	49.8	28.9	14.4		36.45	20544	9902	6988	10642	3655	51.8	34.3	17.8		36.04		
PAY LOADER [1]																												
FEL-4	12729	13129	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248	68	100	180	80	72.58	44.44	32.26			12.50	1720	432	888	1288	400	74.9	31.1	23.3		14.56		
MPTOR GRADER [3]																												
MG-7	6322	6322	BEML, BG825	280HP	10-Jul-91	248		248	248		100.00					-	-	1712	1416	296	296		17.29					
MG-8	3088	3137	BEML, BG825	280HP	19-May-12	248		248	248		100.00					-	-	1712	269	1394	1443	49	84.29	3.40	2.86		29.59	
MG-9		268	BEML, BG825	280HP	5-Mar-19	248	8	207	240	33	96.77	13.75	13.31			31.82	1712	64	1381	1648	268	96.3	16.23	15.63		20.93		
						TOTAL	744	8	703	736	33	98.92	4.48	4.44			31.82	5136	1749	3071	3387	317	65.95	9.34	6.16		22.27	
WATER TANKER [3]																												
WT-83	20855	20862	BEML, WS-28-2	28KL	21-Mar-05	620	620									-	-	4280	4273		7	7	0.2	100.0	0.2			
WT-90	12967	13345	BEML, WS-28-2	28KL	Mar '11	620		602	620	19	100.0	3.0	3.0			40.54	4280	622	3281	3								

MEGHAHATUBURU IRON ORE MINES

Equipment Performance Report

SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Oct-19	MAKE / TYPE	CAPACITY	DATE OF COMM	October-19										2019-2020												
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	F/RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	F/RAT E	HSD/ HR			
EXCAVATORS 4.5 CUM. [1]																												
BE-11	36959	37029	BEML	4.5 CUM	30-09-2005	744	523	169	221	52	29.7	23.5	7.0		24	5136	4729	338	407	70	7.9	17.1	1.4	0.3	25			
EXCAVATORS 9.5 CUM. [3]																												
PC-14	31444	33903	KOMATSU	9.5 CUM	20-01-2012	744	108	214	636	422	85.5	66.4	56.7	7.0	85	5136	958	1719	4178	2459	81.3	58.9	47.9	6.8	87			
PC-17	16137	18523	KOMATSU	9.5 CUM	24-07-2015	744	102	246	642	396	86.3	61.7	53.2	5.9	83	5136	1177	1574	3960	2386	77.1	60.3	46.5	6.7	87			
PC-18	29267	31122	KOMATSU	9.5 CUM	11-07-2016	744	214	303	530	227	71.2	42.8	30.5	6.0	86	5136	1260	2022	3877	1855	75.5	47.9	36.1	6.9	87			
						TOTAL	2232	424	763	1808	1045	81.0	57.8	46.8	6.4	85	15408	3394	5314	12014	6700	78.0	55.8	43.5	6.8	87		
DUMPER,50 TE [2]																												
D - 49	28071	28167.5	BEML	50 TON	05-03-2007	744	744									-	-	5136	4425	615	711	97	13.8	13.6	1.9	0.6	24	
D - 50	23971	23971	BEML	50 TON	15-04-2007	744	744									-	-	5136	5136								-	-
						TOTAL	1488	1488								-	-	10272	9561	615	711	97	6.9	13.6	0.9	0.6	24	
DUMPER,100 TE [7]																												
D - 51	29346	31837	KOMATSU	100 TON	01-09-2010	744	162	178	582	404	78.2	69.4	54.3	3.6	35	5136	1327	1319	3810	2491	74.2	65.4	48.5	3.9	38			
D - 52	30670	32644	KOMATSU	100 TON	01-09-2010	744	134	216	610	394	82.0	64.6	53.0	3.6	38	5136	1989	1173	3147	1974	61.3	62.7	38.4	3.9	41			
D - 53	29377	31961	KOMATSU	100 TON	01-09-2010	744	102	207	643	436	86.4	67.9	58.6	3.5	34	5136	1261	1291	3875	2584	75.4	66.7	50.3	3.9	39			
D - 54	15343	15695	CATER	100 TON	06-02-2012	744	266	401	479	78	64.3	16.3	10.5	3.4	43	5136	3649	1136	1488	352	29.0	23.7	6.9	3.7	45			
D - 55	17913	19090	CATER	100 TON	06-02-2012	744	194	449	551	102	74.0	18.5	13.7	3.8	39	5136	880	3079	4256	1177	82.9	27.7	22.9	3.8	45			
D - 56	7648	9619	BEML	100 TON	09-05-2016	744	170	313	574	261	77.2	45.5	35.1	3.4	40	5136	1322	1843	3814	1971	74.3	51.7	38.4	3.8	42			
D - 57	7846	9291	BEML	100 TON	09-05-2016	744	125	423	619	196	83.2	31.7	26.3	3.4	41	5136	1340	2352	3797	1445	73.9	38.1	28.1	3.5	44			
						TOTAL	5208	1152	2186	4057	1871	77.9	46.1	35.9	3.5	37	35952	11767	12192	24186	11994	67.3	49.6	33.4	3.8	41		
DRILL [4]																												
DM - 7	24127	24619	IR	6" DIA	01-04-2005	372	131	127	241	114	64.8	47.3	30.6	2.0	35	2568	1381	695	1187	493	46.2	41.5	19.2	4.6	33			
DM - 8	21406	22727	IR	6" DIA	05-05-2008	372	115	68	257	190	69.1	73.7	50.9	9.2	36	2568	619	629	1950	1321	75.9	67.8	51.4	9.0	34			
DM - 9	19933	21295	IR	6" DIA	16-09-2009	372	163	54	210	156	56.3	74.2	41.8	6.4	36	2568	602	604	1966	1362	76.6	69.3	53.0	11.2	34			
DM - 10	12394	13822	IR	6" DIA	06-11-2014	372	110	70	262	192	70.4	73.3	51.6	10.3	37	2568	575	566	1994	1428	77.6	71.6	55.6	11.4	34			
						TOTAL	1488	519	319	970	651	65.2	67.1	43.8	7.6	36	10272	3176	2493	7096	4603	69.1	64.9	44.8	9.9	34		
DOZER [7]																												
DOZ-23	21979	22218	BEML	410 HP	02-10-2008	744	744									-	5136	3798	1100	1338	239	26.1	17.8	4.6		33		
DOZ-24	18151	19149	BEML	410 HP	06-04-2010	744	345	276	400	124	53.7	30.9	16.6		35	5136	1786	2352	3350	998	65.2	29.8	19.4		33			
DOZ-25	8260	8799	BEML	410 HP	28-12-2010	744	170	462	575	113	77.2	19.6	15.1		32	5136	2206	2392	2931	539	57.1	18.4	10.5		34			
DOZ-26	16680	17131	BEML	410 HP	16-05-2011	744	689	21	55	34	7.4	61.8	4.6		34	5136	3177	1508	1959	451	38.1	23.0	8.8		35			
DOZ-27	9666	10031	BEML	410 HP	28-04-2015	744	282	425	462	37	62.1	8.0	5.0		32	5136	2225	2546	2911	365	56.7	12.5	7.1		35			
DOZ-28	3029	3976	BEML	410HP	31-03-2018	744	129	455	615	161	82.7	26.1	21.6		34	5136	1000	3189	4136	948	80.5	22.9	18.4		34			
DOZ-29	519	2285	BEML	410HP	19-12-2018	744	94	388	650	262	87.4	40.3	35.2		34	5136	1137	2234	3999	1766	77.9	44.1	34.4		33			
						TOTAL	5208	2358	2121	2850	730	54.7	25.6	14.0		34	35952	15329	15319	20624	5305	57.4	25.7	14.8		34		
PAY LOADER [1]																												
PL - 03	3985		HYUNDAI	3.7 CU.M	18-09-2012	744	93	558	651	94	87.5	14.4	12.6		22	5136	3413	1177	1723	546	33.5	10.6	31.7					
BACK HOE [3]																												
BE-12A	22015	23086	BEML	1.2 CUM	Nov'08	744	388	289	356	68	47.8	19.0	9.1		23	5136	2672	1393	2464	1072	48.0	43.5	20.9		23			
HT-15	18637	20375	TCECL	1.5 CUM	03-10-2012	744	439	131	305	174	41.0	57.0	23.4		24	5136	1670	1728	3466	1739	67.5	50.2	33.8		24			
HT-16	12349	13391	TCECL	1.5 CUM	01-12-2014	744	204	282	541	259	72.6	47.9	34.8		25	5136	3156	939	1981	1042	38.6	52.6	20.3		25			
						TOTAL	2232	1031	701	1202	501	53.8	41.7	22.4		24	15408	7498	4059	7911	3852	51.3	48.7	25.0		24		
WATER TANKER [3]																												
WT - 05	18960	19817	BEML	28 KL	15.02.07	744	100	581	644	64	86.6	9.9	8.5	0.6	22	5136	1234	3045	3902	858	76.0	22.0	16.7	0.6	23			
WT - 06	11002	11536	BEML	28 KL	17-08-2012	744	115	508	629	121	84.5	19.2	16.3	0.6	21	5136	2290	2313	2847	534	55.4	18.8	10.4	0.6	23			
WT - 45	31622	31885	BEML	MODIFIED	29-09-2004										-	-	2184	1343	579	842	263	38.5	31.2	12.0	0.6	23		
						TOTAL	1488	215	1089	1273	185	85.6	14.5	12.4	0.6	21	12456	4866	5936	7590	1654	60.9	21.8	13.3	0.6	23		
MOTOR GRADER [2]																												
MG-5	3854	3937	BEML		01-03-2011	248</																						

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Oct-19	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	October-19										2019-2020											
						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 [6]																											
EX-25	33609	33617	BEML PC-1000(D)	4.5 CuM	21-Jun-04											2184	2176		8	8	0.37	100.00	0.37				
EX-26	31002	31443	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744	180	499	564	65	75.8	11.5	8.7	3.98	37.7	5136	778	3918	4359	441	84.86	10.12	8.59	1.23	37.73		
						SUB TOTAL	744	180	499	564	65	75.8	11.5	8.7	3.98	37.7	7320	2954	3918	4367	449	59.65	10.28	6.13	1.21	37.06	
EX-28	15660	15864	BE-1600	7.5 Cu.m	22-Jun-10	744	606	120	138	18	18.5	13.0	2.4	5.50	76.1	5136	3683	1248	1453	205	28.29	14.09	3.99	1.26	57.31		
EX-29	25506	27292	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	44	353	700	347	94.1	49.6	46.6	5.08	77.5	5136	784	2566	4352	1786	84.74	41.05	34.78	4.76	78.69		
EX-30	15028	17228	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	43	453	701	248	94.2	35.4	33.3	5.16	76.9	5136	410	2526	4726	2200	92.01	46.55	42.83	5.00	75.79		
EX-31	13363	15467	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	45	463	699	236	94.0	33.8	31.7	5.61	75.7	5136	368	2664	4768	2104	92.83	44.13	40.97	5.29	77.74		
						SUB TOTAL	2976	738	1389	2238	849	75.2	37.9	28.5	5.26	76.8	20544	5245	9003	15299	6295	74.47	41.15	30.64	4.91	76.66	
						TOTAL	3720	918	1888	2802	914	75.3	32.6	24.6	5.17	74.0	27864	8199	12921	19665	6744	70.58	34.30	24.20	4.66	74.03	
DUMPER,50 TE [2]																											
HP-30	17659	17659	C.I.773D(I)	50 T	01-Mar-06	744	744									-	-	5136	5080	56	56	1.09					
HP-32	23497	23917	BEML BH-50M	50 T	06-Mar-08	744		699	744	45	100.0	6.0	6.0			23.2	5136	1586	3131	3551	420	69.13	11.83	8.18	0.68	16.49	
						TOTAL	1488	744	699	744	45	50.0	6.0	3.0		23.2	10272	6666	3187	3607	420	35.11	11.65	4.09	0.68	16.49	
DUMPER,100 TE [8]																											
HP-32A	29825	30890	KOMATSU HD785-7	100 T	22-Jun-10	744	744									-	-	5136	3448	624	1688	1064	32.87	63.04	20.72	3.58	35.77
HP-34	26579	27160	KOMATSU HD785-7	100 T	22-Jun-10	744	93	278	651	373	87.5	57.3	50.1	3.44	32.7	5136	4073	482	1063	581	20.70	54.66	11.31	3.52	29.46		
HP-35	15842	16604	BEML BH-100	100 T	22-Jun-10	744	172	513	572	59	76.9	10.3	7.9	2.98	41.7	5136	1981	2392	3155	763	61.42	24.18	14.85	2.05	22.94		
HP-36	11757	12114	BEML BH-100	100 T	22-Jun-10	744	398	344	346	2	46.5	0.6	0.3	1.50	110.0	5136	2878	1901	2258	357	43.96	15.80	6.95	1.22	15.24		
HP-37	19607	21532	CAT 777D	100 T	25-Jan-12	744	137	394	607	213	81.6	35.1	28.6	3.30	28.8	5136	1213	1998	3923	1925	76.38	49.08	37.49	3.45	31.24		
HP-38	8907	11232	BEML BH-100S	100 T	03-May-16	744	121	347	623	276	83.7	44.3	37.1	3.40	35.5	5136	526	2285	4610	2325	89.76	50.43	45.27	3.34	32.87		
HP-39	8614	10188	BEML BH-100S	100 T	03-May-16	744	117	356	627	271	84.3	43.2	36.4	3.32	34.8	5136	1903	1658	3233	1574	62.94	48.70	30.65	3.49	32.40		
HP-40	9440	10301	BEML BH-100S	100 T	03-May-16	744	725	2	20	18	2.6	92.3	2.4	0.17	22.2	5136	3352	923	1784	861	34.74	48.28	16.77	3.08	38.56		
						TOTAL	5952	2507	2234	3446	1212	57.9	35.2	20.4	3.31	33.5	41088	19375	12263	21713	9451	52.85	43.52	23.00	3.22	31.63	
DRILL [4]																											
DM-11	17159	17925	AC-ROTA COL-IDM-30	160mm	14-Feb-08	496	310	162	186	24	37.5	12.9	4.8	14.50	59.2	3424	1345	1312	2079	767	60.71	36.88	22.39	12.17	35.09		
DM-12	17912	18592	AC-ROTA COL-IDM-30	160mm	12-Aug-09	496	105	274	391	117	78.8	29.9	23.6	13.40	41.8	3424	1088	1657	2337	679	68.24	29.08	19.84	13.13	33.89		
DM-12A	16453	17048	AC-ROTA COL-IDM-30	160mm	22-Mar-11	496	128	298	368	70	74.2	19.0	14.1	11.41	39.4	3424	620	2208	2804	595	81.88	21.24	17.39	12.84	33.82		
DM-14	9768	11131	AC-ROTA COL-IDM-30	160mm	19-Nov-14	496	67	243	429	186	86.5	43.4	37.5	13.10	41.6	3424	466	1595	2959	1363	86.40	46.08	39.81	14.76	35.67		
						TOTAL	1984	610	977	1374	397	69.3	28.9	20.0	12.97	42.3	13696	3519	6773	10177	3404	74.31	33.45	24.86	13.52	34.86	
DOZER [8]																											
DOZ-22	16080	16088	BEML BD355	410 HP	06-Jul-07	496	496									-	-	3424	3408	8	16	8	0.5	50.0	0.2		
DOZ-23	12013	12356	BEML BD355	410 HP	27-Aug-08	496	448	43	48	5	9.7	10.4	1.0		100.0	3424	2345	736	1079	343	31.5	31.8	10.0		24.7		
DOZ-24	13560	13690	BEML BD355	410 HP	09-Mar-10	496	496									-	-	3472	2870	472	602	130	17.3	21.6	3.7		24.2
DOZ-25	11535	12198	BEML BD355	410 HP	09-Mar-10	600	254	293	346	53	57.7	15.3	8.8		35.5	3896	1492	1741	2404	663	61.7	27.6	17.0		44.9		
DOZ-26	7962	8654	BEML BD355	410 HP	03-May-14	496	496								-	-	3576	1605	1278	1971	693	55.1	35.1	19.4		34.9	
DOZ-27	6542	7225	BEML BD355	410 HP	03-May-14	744	36	600	708	108	95.2	15.3	14.5		58.4	4400	712	3006	3689	683	83.8	18.5	51.2				
DOZ-28	6479	7292	BEML BD355	410 HP	26-Apr-16	744	650	94	94						-	-	4968	897	3258	4071	814	81.9	20.0	16.4		40.3	
DOZ-29		1220	BEML BD355	410 HP	15-Apr-19	496	35	193	461	268	92.9	58.1	54.0		28.5	3432	196	2016	3236	1220	94.3	37.7	35.5		35.7		
						TOTAL	4568	2911	1223	1657	434	36.3	26.2	9.5		39.4	30592	13525	12514	17067	4553	55.8	26.7	14.9		38.9	
PAY LOADER [3]																											
PL-20	14405	14587	Kawasaki, 90Ziv-2	256 HP	26-Aug-09	744	544	155	200	45	26.9	22.5	6.0		18.7	5136	3715	1239	1421	182	27.67	12.81	3.55		25.79		
PL-22	10573	10573	Hyundai-Hl770-7A	280 HP	26-May-10	744	744								-	-	5136	5136									
PL-23	9742	11752	Kawasaki, 90ZV	257 HP	07-Oct-15	744	19	394	725	331	97.4	45.7	44.5		25.3	5136	115	3010	5021	2011	97.76	40.05	39.15		23.87		
						TOTAL	2232	1307	549	925	376	41.4	40.6	16.8		24.5											

BARSUA IRON MINES

Equipment Performance Report



SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar'19	UTILIS. UPTO Oct-19	MAKE / TYPE	CAP	DATE OF COMMISSION	October-19										2019-2020										
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/H R	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR	
EXCAVATORS [6]																										
EX-20	25868	26405	BEML,BE-1000	4.5 CuM	Mar-04	624	36	486	588	102	94.23	17.35	16.35	4.92	48.04	3768	487	2744	3281	537	87.1	16.4	14.3	5.35	44.4	
EX-22	19566	20235	BEML,BE-1000	4.5 CuM	22-Dec-08	624	41	476	583	107	93.43	18.35	17.15	6.39	48.60	3768	642	2457	3126	669	83.0	21.4	17.8	6.69	53.2	
EX-23	15937	15939	BEML, BE-1000	4.5CuM	18-Feb-10	624	480	144	144		23.08			-	-	3808	3660	146	148	2	3.9	1.4	0.1		450.0	
EX-27	2175	3483	BEML, BE-1000-1	4.5 CuM	19-Dec-17	624	62	342	562	220	90.06	39.15	35.26	6.79	61.14	3768	428	2032	3340	1308	88.6	39.2	34.7	7.06	62.5	
						TOTAL	2496	619	1448	1877	429	75.20	22.86	17.19	6.24	54.90	15112	5217	7379	9895	2516	65.5	25.4	16.6	6.59	56.5
EX-21	18158	18158	TELCON,1200V-1018	5.9 CuM	28-May-07	624	624							-	-	3768	3768									
EX-24	12701	13587	BEML, BE-1600	7.5CuM	04-Aug-11	624	215	244	409	165	65.54	40.34	26.44	6.70	65.15	3744	1338	1520	2406	886	64.3	36.8	23.7	6.71	70.9	
						TOTAL	1248	839	244	409	165	32.77	40.34	13.22	6.70	65.15	7512	5106	1520	2406	886	32.0	36.8	11.8	14.39	70.9
DUMPER,50 TE [5]																										
HPD-90	16619	17190	BEML,210M	50T	1-Apr-05	624	436	164	188	24	30.13	12.77	3.85	2.63	25.83	3808	1235	2002	2573	571	67.6	22.2	15.0	2.88	33.2	
BH-93	24313	24399	BH-50 M	50T	1-Feb-08												3144	1512	1546	1632	86	51.9	5.3	2.7	4.86	45.9
BH-94	22423	23253	BH-50 M	50T	22-Dec-08	624	154	413	470	57	75.32	12.13	9.13	3.25	27.14	3768	643	2295	3125	830	82.9	26.6	22.0	2.86	30.4	
BH-95	30907	31100	BH-50 M	50T	6-Feb-09	624	38	519	586	67	93.91	11.43	10.74	3.09	36.28	3744	2653	898	1091	193	29.1	17.7	5.2	2.62	27.4	
BH-96	26092	26478	BH-50 M	50T	20-Aug-09	624	63	414	561	147	89.90	26.20	23.56	2.84	29.73	3744	2211	1147	1533	386	40.9	25.2	10.3	2.71	28.4	
BH-99	23409	23637	BH-50 M	50T	20-Feb-14	624	26	582	598	16	95.83	2.68	2.56		57.50	4320	147	3945	4173	228	96.6	5.5	5.3		24.7	
						TOTAL	3120	717	2092	2403	311	77.02	12.94	9.97	2.80	31.79	22528	8401	11833	14127	2294	62.7	16.2	10.2	2.60	30.5
DUMPER,60 TE [3]																										
HPD-101	4393	6373	BEML,BH-60	60 T	16-Nov-17	624	76	180	548	368	87.82	67.15	58.97	2.63	36.28	3744	689	1075	3055	1980	81.6	64.8	52.9	2.63	34.8	
HPD-102	4119	6129	BEML,BH-60	60 T	23-Nov-17	624	66	260	558	298	89.42	53.41	47.76	2.42	35.74	3768	672	1086	3096	2010	82.2	64.9	53.3	2.51	37.2	
HPD-103		2084	BEML,BH-60	60 T	08-May-19	624	62	206	562	356	90.06	63.35	57.05	2.56	32.16	3648	481	1083	3167	2084	86.8	65.8	57.1	2.50	33.6	
						TOTAL	1872	204	646	1668	1022	89.10	61.27	54.59	2.55	34.69	11160	1842	3244	9318	6074	83.5	65.2	54.4	1.69	35.2
DUMPER,100 TE [2]																										
BH-97	10065	10128	BEML,BH-100	100 T	4-Aug-11	624	624							-	-	3744	3071	610	673	63	18.0	9.4	1.7	3.98	52.4	
BH-98	8133	8506	BEML,BH-100	100 T	04-Aug-11	624	27	492	597	105	95.67	17.59	16.83	2.96	46.80	3744	240	3131	3504	373	93.6	10.6	10.0	3.19	52.2	
						TOTAL	1248	651	492	597	105	47.84	17.59	8.41	2.96	46.80	7488	3311	3741	4177	436	55.8	10.4	5.8	3.30	52.2
DRILL [3]																										
DM-7	23658	23690	AC - IDM-30	160mm	29-Jan-98	416	416							-	-	2496	2075	389	421	32	16.9	7.6	1.3	15.00	40.6	
DM-9	9778	10027	AC - IDM-30	160mm	30-Sep-09	416	9	357	407	50	97.84	12.29	12.02	20.90	33.00	2496	533	1714	1963	249	78.6	12.7	10.0	17.78	39.4	
DM-10	5013	5519	AC - IDM-30	160mm	14-Jan-15	416	9	355	407	52	97.84	12.78	12.50	16.50	36.54	2496	322	1668	2174	506	87.1	23.3	20.3	16.94	37.9	
						TOTAL	1248	434	712	814	102	65.22	12.53	8.17	18.66	34.80	7488	2930	3771	4558	787	60.9	17.3	10.5	17.13	38.5
DOZER [6]																										
TR-36 (B/V)	14105	14105	BEML,D-155A	320 HP	23-Apr-05	624	624							-	-	4464	4440	24	24	0.5						
TR-37	14937	15997	BEML,D-155A	320 HP	22-Jun-07	648	329	232	319	87	49.23	27.27	13.43		36.21	4488	692	2736	3796	1060	84.6	27.9	23.6		37.8	
TR-38	15963	16442	BEML, D-355	410 HP	16-Feb-10	624	54	555	570	15	91.35	2.63	2.40		20.00	3744	549	2716	3195	479	85.3	15.0	12.8		30.4	
TR-39	10311	10373	BEML, D-355	410 HP	10-Apr-12	624	58	526	566	40	90.71	7.07	6.41		36.25	3744	2624	1058	1120	62	29.9	5.5	1.7		43.5	
TR-40	5567	5962	BEML, D-355	410 HP	6-Jun-14	624	79	471	545	74	87.34	13.58	11.86		39.86	3744	977	2372	2767	395	73.9	14.3	10.6		41.3	
TR-9(K)		40	BEML, D-155	320 HP		552	11	501	541	40	98.01	7.39	7.25			552	11	501	541	40	98.0	7.4	7.2			
						TOTAL	3144	1144	1784	2000	216	63.61	10.80	6.87		36.34	20736	9293	9407	11443	2036	55.2	17.8	9.8		36.2
PAY LOADER [2]																										
FEL-6	9566	10050	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	324	36	242	288	46	88.89	15.97	14.20		18.59	2232	276	1472	1956	484	87.6	24.7	21.7		18.7	
FEL-7	5982	6320	HYUNDAI	280 HP	27-Aug-11	312	31	241	281	40	90.06	14.23	12.82		29.83	1904	332	1234	1572	338	82.6	21.5	17.8		19.5	
						TOTAL	636	67	483	569	86	89.47	15.11	13.52		23.81	4136	608	2706	3528	822	85.3	23.3	19.9		19.0
MOTOR GRADER [1]																										
MG-6	7237	7567	BEML bt 825	280HP	14-Sep-02	416	35	312	381	69	91.59	18.11	16.59		20.68	249										

GUA ORE MINES

Equipment Performance Report

 SAIL-

EQUIPMENTS	UTILIS. UPTO Mar'19	UTILIS. UPTO Oct-19	MAKE / TYPE	CAPACITY	DATE OF COMMISSION	October-19										2019-2020											
						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]																											
D-12A	18064	18064	BE 1000(D)	4.5 CuM	27-Apr-08	744	744								-	-	5136	5136									
D-12	10821	11566	BE 1600	7.5 CuM	16-Feb-11	744	720	24	24		3.2			-	-	5136	3352	1039	1784	745	34.7	41.8	14.5	3.9	57.7		
D-14	25243	28122	KOMATSU	9.5 CuM	06-Apr-12	744	223	126	521	395	70.0	75.8	53.1	4.6	93.7	5136	809	1448	4327	2879	84.2	66.5	56.1	5.7	90.7		
D-15	19415	21055	KOMATSU	9.5 CuM	31-Aug-15	744	451	143	293	150	39.4	51.2	20.2	4.3	76.0	5136	2349	1147	2787	1640	54.3	58.8	31.9	4.2	78.5		
D-16		231	LIEBHERR	9.5 CuM	30-Sep-19	744	108	405	636	231	85.5	36.3	31.0	5.0	73.6	744	108	405	636	231	85.5	36.3	31.0	5.0	73.6		
						TOTAL	2976	1502	698	1474	776	49.5	52.6	26.1	4.7	84.3	16152	6618	4039	9534	5495	59.0	57.6	34.0	5.0	81.9	
DUMPER,50 TE[3]																											
R/D-85	18557	18561	BEML-BH-50M	50 Te	Mar- 08	744	744								-	-	5136	5117	15	19	4	0.4	21.1	0.1		50.0	
R/D-86	20058	20060	BEML-BH-50M	50Te	Sep-08	744	744								-	-	5136	5117	17	19	2	0.4	10.5	0.0		166.5	
R/D-87	17443	17443	BEML-BH-50M	50Te	Dec-08	744	744								-	-	5136	5136									
						TOTAL	2232	2232																		88.8	
DUMPER,100 TE[6]																											
R/D-88	23684	23694	KOMAT.HD785-7	100 T	10-Sep-10	744	744								-	-	5136	5117	9	19	10	0.4	52.6	0.2	0.8	84.6	
R/D-89	28005	30821	KOMAT.HD785-7	100 T	10-Sep-10	744	217	99	527	428	70.8	81.2	57.5	2.1	45.0	5136	1768	552	3368	2816	65.6	83.6	54.8	2.3	52.9		
R/D-90	18166	20820	CAT 777D	100 T	25-Jan-12	744	222	199	522	323	70.2	61.9	43.4	3.3	47.1	5136	1705	777	3431	2654	66.8	77.4	51.7	2.5	50.5		
R/D-91	15754	17216	CAT 777D	100 T	25-Jan-12	744	82	229	662	433	89.0	65.4	58.2	2.9	48.8	5136	3139	535	1997	1462	38.9	73.2	28.5	2.2	55.0		
R/D-92	11283	12790	BEML- BH 100	100 T	27-May-15	744	460	135	284	149	38.2	52.5	20.0	2.7	51.2	5136	2934	695	2202	1507	42.9	68.4	29.3	3.2	58.7		
R/D-93	10157	12298	BEML- BH 100	100 T	10-Jun-15	744	744								-	-	5136	2263	732	2873	2141	55.9	74.5	41.7	2.7	57.9	
						TOTAL	4464	2469	662	1995	1333	44.7	66.8	29.9	2.7	47.4	30816	16926	3300	13890	10590	45.1	76.2	34.4	2.6	54.5	
DRILL[4]																											
DM-10	16316	17211	IR-ROTACOL-IDM-30	160mm	Feb- 04	496	294	133	202	69	40.7	34.2	13.9		38.4	3424	1749	780	1675	895	48.9	53.4	26.1	17.2	38.3		
DM-12A	8475	8632	AC-ROTACOL-IDM-30	160mm	Sep-08	496	234	127	262	135	52.8	51.5	27.2		48.5	3424	3121	146	303	157	8.8	51.8	4.6	1.2	52.4		
DM-14	14244	14805	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	496	496								-	-	3424	2018	845	1406	561	41.1	39.9	16.4	17.0	43.1	
DM-15	6836	7313	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	496	496								-	-	3424	2520	427	904	477	26.4	52.8	13.9	17.9	38.6	
						TOTAL	1984	1520	260	464	204	23.4	44.0	10.3		47.1	13696	9408	2198	4288	2090	31.3	48.7	15.3	16.1	40.7	
DOZER[6]																											
DOZ-21	17420	17420	BEML D-355	410 HP	May- 03	744	744								-	-	3912	3912									
DOZ-22	16129	18546	BEML D-355	410 HP	Feb-04	744	306	82	438	356	58.9	81.3	47.8		26.6	3912	1146	349	2766	2417	70.7	87.4	61.8		30.0		
DOZ-23	15463	16387	BEML D-355	410 HP	May-08	744	744								-	-	3912	2407	581	1505	924	38.5	61.4	23.6		28.1	
DOZ-24	13701	14251	BEML D-355	410 HP	Sep-08	744	744								-	-	4062	2890	622	1172	550	28.9	46.9	13.5		31.9	
DOZ-25	8831	9884	BEML D-355	410 HP	25-Apr-14	744	65	389	679	290	91.3	42.7	39.0		26.1	3672	1005	1614	2667	1053	72.6	39.5	28.7		29.8		
DOZ-26	8631	9994	BEML D-355	410 HP	08-Sept-17	744	59	440	685	245	92.1	35.8	32.9		26.9	3672	799	1510	2873	1363	78.2	47.4	37.1		33.3		
						TOTAL	4464	2662	911	1802	891	40.4	49.4	20.0		26.5	23142	12159	4676	10983	6307	47.5	57.4	27.3		30.5	
PAY LOADER[2]																											
PL-7	12758	12770	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	744	744								-	-	5136	5079	45	57	12	1.1	21.1	0.2		16.7	
PL-8	4769	4769	Hyundai-hl770-7A	280 HP	01-Jun-10	744	744								-	-	5136	5136									
						TOTAL	1488	1488																		16.7	
Back Hoe [2]																											
BACK HOE-02	7965	8144	BEMLBE-300LC	1.2 CU.M	May-09	744	482	216	262	46	35.2	17.6	6.2		16.7	5136	4257	700	879	179	17.1	20.4	3.5		13.4		
BACK HOE-03	4384	6281	BEMLBE-300LC	1.25 CU.M	25-Sep-13	744	85	146	659	513	88.6	77.8	69.0		14.7	5136	2812	428	2324	1897	45.2	81.6	36.9		14.6		
						TOTAL	1488	567	362	921	559	61.9	60.7	37.6		14.9	10272	7069	1128	3203	2076	31.2	64.8	20.2		14.5	
Water Sprinkler [2]																											
WT-5	15126	15639	WS-28	28 KL	May-05	496	496								-	-	3672	1457	1702	2215	513	60.3	23.2	14.0		14.9	
WT-6	5923	6158	BEML,WS 28-2	28 KL	Jan-09	496	20	381	476	95	96.0	20.0	19.2		9.7	3672	1437	2000	2235	235	60.9	10.5	6.4		12.8		
						TOTAL	992	516	381	476	95	48.0	20.0	9.6		9.7	7344	2894	3702	4450	748	60.6	16.8	10.2		14.2	
Motor Grader [2]																											
MG-6	4050	4054	BG 605	280HP	May-08	496	496								-	-	3424	3376	44	48	4	1.4	8.3	0.1		215.3	
MG-7	700	1491	BG 825		10-May-14	496	171	229	325	96	65.5	29.5	19.4		15.6	3424	997	1636	2427	791	70.9	32.6	23.1		14.7		
						TOTAL	992	667	229	325	96	32.8	29.5	9.7		20.1	6848	4373	1680	2475	795	36.1	32.1	11.6		15.7	
PLANT						1000 TPH	MAY'58	744	56	112	688	576	92.5	83.7	77.4	502		5136	331	636	4805	4169	93.6	86.8	81.2	501	

EQUIPMENT AVAILABILITY & UTILISATION
Oct-19

		KIRIBURU								MEGHAHATUBURU								BOLANI								BARSUA								UNIT IN %	
		NORM		MTH		2019-20				MTH		2019-20				MTH		2019-20				MTH		2019-20				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	AV	UT	AV	UT	AV	UT	AV	UT				
DRILL	150 mm	70	70	40	40	49	35	65	67	69	65	69	29	74	33	65	13	61	17	23	44	31	49												
SHOVEL	HYD(D) ≤4.5 m ³	70	75					30	24	8	17	76	12	60	10	75	23	65	25																
	HYD(D) >4.5 m ³	85	80	74	65	92	53	81	58	78	56	75	38	74	41	33	40	32	37	50	53	59	58												
DUMPER	85/ 60 tn	65	75			22	24											89	61	83	65														
	50 tn	70	80							7	14	50	6	35	12	77	13	63	16					0	16										
	100 tn	85	80	80	36	74	39	78	46	67	50	58	35	53	44	48	18	56	10	45	67	45	76												
DOZER		70	70	50	29	52	34	55	26	57	26	36	26	56	27	64	11	55	18	40	49	47	57												
CRUSHING PLANT		85	85					89	77	91	72	82	48	88	52																				
SCREENING PLANT		85	85					86	79	85	68	93	63	89	72																				
OHP		85	85	89	74	85	74	89	78	91	71						98	45	95	44	92	84	94	87											

Consumption of Key Consumables in 2019-20
Kiriburu

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.12	0.45	4.2	25
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	1956167	446003	2402170	413826	31857068	83816	3650940	234000	1002060	349644	0.08	0.50	6.52	17.47
2019-20	986815	182148	1168963	204750	16510308	45360	2114790	171210	820800	49192	0.06	0.39	5.31	15.17
Apr-19	153128	23205	176333	31340	2212440	1050	264510	40050	144360	28000	0.07	0.41	4.93	2.47
May-19	131458	26608	158066	29170	2272880	3780	260010	45000	187560	21192	0.06	0.34	4.61	8.14
Jun-19	103267	57595	160862	34315	2151160	10920	330630	30000	157950	0	0.07	0.32	4.15	22.01
Jul-19	165754	20280	186034	28627	2272560	8190	349740	10080	102600	0	0.06	0.41	4.91	18.01
Aug-19	156428	13830	170258	24642	2099264	6300	297990	22500	90360	0	0.06	0.43	5.11	15.99
Sep-19	119882	25150	145032	29835	2570178	5460	274230	23580	72360	0	0.08	0.41	6.94	15.49
Oct-19	156898	15480	172378	26821	2931826	9660	337680	0	65610	0	0.07	0.43	7.27	23.95

Meghahatuburu

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.13	0.45	4.15	25
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	2575594	100790	2676384	572008	18050111	117281	3697950	172500	2645300	300000	0.08	0.41	2.77	18.15
2019-20	1512401	109900	1622301	334112	10116960	79067	2295490	23000	1810010	78378	0.08	0.39	2.45	19.14
Apr-19	241434	14290	255724	49387	1198200	8918	330210	0	250800	0	0.09	0.44	2.06	15.35
May-19	240387	6290	246677	49607	1276800	10061	348300	0	251780	0	0.08	0.41	2.13	16.77
Jun-19	205620	19380	225000	45980	1186800	9912	335430	0	275670	0	0.08	0.37	1.94	16.22
Jul-19	192490	26410	218900	40903	1481280	11662	317610	0	271350	7521	0.07	0.37	2.52	19.74
Aug-19	220320	8680	229000	52975	1757760	10822	343100	7000	216090	12725	0.09	0.41	3.10	19.18
Sep-19	200780	20220	221000	52881	1746720	13874	293330	16000	274410	20180	0.09	0.38	2.99	24.05
Oct-19	211370	14630	226000	42379	1469400	13818	327510	0	269910	37952	0.07	0.37	2.46	22.77

Consumption of Key Consumables in 2019-20
Bolani

Item	HSD	Expl	Power	Lubricant	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
Unit	(in Liter)	(in kg)	(in KWH)	(in Liter)								
NORM									0.11	0.43	4.8	25
2015-16	2259467	913430	21800400	106130	3598770	1735825	1382700	1085889	0.12	0.40	3.25	18.66
2016-17	2538285	618000	22677280	116550	4014310	1667532	1534785	920488	0.08	0.41	3.14	18.81
2017-18	2514011	935809	20339200	125936	3712455	1543746	1417555	1853008	0.11	0.42	3.05	21.06
2018-19	2490224	1024680	19637760	115744	3977468	1676535	1370685	1606906	0.12	0.40	2.80	18.76
2019-20	1422945	547103	11882880	82518	2601840	857703	785320	319126	0.12	0.39	2.80	22.42
Apr-19	205659	99296	1673040	13316	382755	165831	84265	98990	0.14	0.39	2.64	24.97
May-19	211646	77310	1754160	10370	415785	154721	63955	43236	0.11	0.40	2.76	19.59
Jun-19	228123	92800	1812000	12572	429200	154465	106500	46600	0.13	0.39	2.63	21.46
Jul-19	213010	85532	1710000	10976	425200	123598	72700	44822	0.13	0.39	2.75	20.33
Aug-19	217404	72429.95	1774800	13290	407600	85451	88900	17081	0.12	0.42	3.05	25.45
Sep-19	163364	61915	1483200	11494	178000	99302	281000	28279	0.11	0.33	2.66	23.41
Oct-19	183739	57820	1675680	10500	363300	74335	88000	40118	0.10	0.38	3.19	21.88

Gua

Item	HSD			Expl	Power	Lubricant								
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.09	0.55	4.6	25
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	3090800	0	3090800	422803	18845542	110814	3307804.77	363065	1345070	762619	0.08	0.63	3.76	22.46
2019-20	1591274	23335	1614609	233813	10935533	62818	2088720	0	316335	68000	0.09	0.67	4.55	25.94
Apr-19	235465	5600	241065	41226	1523870	9646	290790	0	44190	0	0.12	0.72	4.55	28.80
May-19	223658	2000	225658	38149	1545863	10514	292950	0	80640	0	0.10	0.60	4.14	28.14
Jun-19	241210	6825	248035	27832	1419973	3584	312750	0	42840	0	0.08	0.70	3.99	10.08
Jul-19	219087	3310	222397	40974	1673210	10990	293490	0	25650	0	0.13	0.70	5.24	34.44
Aug-19	232010	1400	233410	30070	1565881	10542	322830	0	55800	0	0.08	0.62	4.14	27.84
Sep-19	230503	4200	234703	30297	1576512	8414	286830	0	30420	68000	0.08	0.70	4.97	25.17
Oct-19	209341	0	209341	25265	1630224	9128	289080	0	36795	0	0.08	0.64	5.00	28.01

Consumption of Key Consumables in 2019-20

Brasua -Taldih

Item	HSD			Expl	Power	Lubricant	BARSUA ROM	TALDIH ROM	BARSUA OB		TALDIH OB		EXPL	HSD	POWER	LUB
Unit	(in Liter)			(in kg)	(in KWH)	(in Liter)			DEPTT	CONT	DEPTT	CONT	DEPT	CONT	0.08	0.46
NORM	MINES	DGSET	TOTAL				DEPTT	CONT	DEPTT	CONT	DEPT	CONT	0.08	0.46	4.90	25.00
2015-16	1230145	6660	1236805	265250	15780840	47362	0	0	2384140	0	0	0	0.11	0.52	6.62	19.87
2016-17	934836	0	934836	188625	15520680	46730	0	173700	1804950	0	294165	0	0.10	0.45	7.84	22.26
2017-18	386285	0	386285	95062	13554044	11893	0	1052111	85675	0	206145	0	0.07	1.32	11.91	40.75
2018-19	1569967	86653	1656620	161280	11762332	31131	1951980	469148	385666	0	65340	0	0.06	0.63	4.89	12.96
2019-20	755166	126530	881696	132371	7795429	26040	898606	436351	341525	0	0	195376	0.07	0.71	6.29	21.00
Apr-19	29027	3270	32297	8650	945837	1050	2412	45616	0	0	0	225	0.18	13.39	392.14	435.32
May-19	131976	340	132316	29956	1419687	4200	180023	53438	76820	0	0	0	0.10	0.52	5.53	16.35
Jun-19	128999	2140	131139	21756	655557	3780	160464	45903	58675	0	0	41886	0.07	0.60	2.99	17.25
Jul-19	111284	13715	124999	21376	1337317	5880	158842	73281	51180	0	0	43488	0.07	0.60	6.37	28.00
Aug-19	120817	23835	144652	18508	1215477	4830	135788	41820	51565	0	0	21348	0.07	0.77	6.49	25.78
Sep-19	119179	44230	163409	16375	1097237	2100	116906	85008	48235	0	0	42404	0.06	0.99	6.64	12.72
Oct-19	113884	39000	152884	15750	1124317	4200	144171	91285	55050	0	0	46025	0.05	0.77	5.64	21.08

	Kalta						Manoharpur						Taldih			D Area & Panposh		
	HSD (in Liter)	Expl (in kg)	Power (in KWH)	Lubricant (in Liter)	Excavation (T)	Explosive Kg/T Excav	HSD (in Liter)	Expl (in kg)	Power (in KWH)	Lubricant (in Liter)	Excavation (T)	Explosive Kg/T Excav	Expl (in kg)	Excavation (T)	Explosive Kg/T Excav	Expl (in kg)	Excavation (T)	Explosive Kg/T Excav
2017-18	59801	147425	1468000	420	1524560	0.10	112989	69000	1717011	784	44830	1.54	89700	1258255	0.07		3158815	0.00
2018-19	52204	149850	1328188	0	1717832	0.09	83138	88300	2255330	2293	733489	0.12	35925	534488	0.07	256875	2665550	0.10
2019-20	33311	65375	522220	510	714700	0.09	46843	35825	954853	339	421547	0.08	61375	631727	0.10	68061	1172809	0.06
Apr-19	4590	12400	82780	510	176200	0.07	6627	5825	122945	11	92799	0.06	8650	45841	0.19	18528	264821	0.07
May-19	3985	7875	86460	0	159400	0.05	6260	4800	138078	24	62702	0.08	6850	53438	0.13	11674	197957	0.06
Jun-19	7580	13550	54420	0	129100	0.10	8394	6600	131659	12	37068	0.18	8500	87789	0.10	21057	197045	0.11
Jul-19	7543	12025	52640	0	84200	0.14	6931	6000	141882	144	47976	0.13	8200	116769	0.07	8503	168420	0.05
Aug-19	3553	0	89780	0	27700	0.00	7094	2400	138148	61	65108	0.04	6850	63168	0.11	4515	102532	0.04
Sep-19	3035	6700	89500	0	26700	0.25	4128	4800	150540	26	46629	0.10	12025	127412	0.09		127581	0.00
Oct-19	3025	12825	66640	0	111400	0.12	7409	5400	131601	61	69265	0.08	10300	137310	0.08	3785	114453	0.03

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

Status as on OCT' 2019

MINE	GRANTED	VALID	AREA	RENEWAL	FOREST CLEARANCE (FC)		ENVIRONMENTAL CLEARANCE (EC)
					ON	UPTO (in ha)	
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 quires were forwarded by State Govt. to MoEFCC on 05.04.2016. After approval of MPSM on 08.06.2018, MoEFCC, ND requested GoJ on 26.06.2018 to provide some informations related to CA, Lease validity etc. In compliance to the asked information of Ministry, report submitted to DFO on 19.07.2018/31.07.2018 and final recommendation has been forwarded to MoEFCC, Gol on 08.11.2018 but same has been returned back to the Govt. of Jharkhand on 18.03.2019 seeking for some clarification especially the acceptance of earlier identified CA land. After consultation with concerned DFO, it was clarified that the earlier identified 500 ha CA land was now unacceptable for CA purpose due to forest growth. For resolving the matter, a meeting was held under the chairmanship of RCCF, Jamshedpur on 25.05.2019 wherein concerned DFO,CF and Kiriburu Mines officials were present wherein the concerned DFOs are informed that there is no CA area available under their jurisdiction. PCCF (Nodal), GoJ vide letter dated 14.06.2019 directed RCCF, Ranchi to identify 500 ha suitable CA land in his region. Discussions held with RCCF, Ranchi on 24.06.19 & 02.07.19 wherein RCCF suggested to identify CA land in Khunti, Gumla, Simdega, Lohardaga & Ranchi Forest Divisions with help of respective DFO's. Around 512 ha fresh degraded forest land was identified in Khunti (451 ha) & Gumla (61 ha) Forest Divisions during 02.08.2019 to 15.08.2019. Complete report submitted to DFO, Saranda on 21.08.2019 for further processing of the proposal. Further, DFO, Saranda asked more information on 29.08.2019 which was submitted on 13.09.2019. Verification of lease boundary as well as diversion area is under progress by State Forest Department. DFO forwarded the proposal to CF, Chaibasa on 23.10.2019. CF, Chibasa asked further query to DFO on 30.10.2019.	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. Submitted the CTO renewal application on 22.08.2019 in online portal for next period of 5 years beyond 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 Meghatuburu 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	-	Hon'ble High Court disposed the two writ petitions on 16.04.2019 by directing the State Govt. to consider SAIL's representation in accordance with the law to retain 90.06 ha over which infrastructure facilities were developed. SAIL had submitted a representation to Govt of Odisha on 03.07.2019 and requested to allow SAIL to retain the 90.06 ha in Horomotto Lease area over which various infrastructure facilities have been developed since 1970 and grant Surface Lease for the said area in the larger public interest. Under consideration with Govt. of Odisha.	No EC	

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

Status as on OCT' 2019

MINE	GRANTED	VALID	AREA	RENEWAL	FOREST CLEARANCE (FC)		ENVIRONMENTAL CLEARANCE (EC)
					ON	UPTO (in ha)	
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. Stage-II FC granted on 06.11.2019 for 87.09 ha Sabik Forest.		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 on 28.03.2019 & Valid upto 31.03.2020.
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	MoEFC&CC vide letter dated 24.07.17 issued amended Stage-I FC order. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & respective schemes are appoved on 27.10.2018 and in line with the demand letter recived from DFO, Rs 16.35 Crore was paid. After complete compliance of Stage-I FC conditions, status report was submitted to DFO, Keonjhar on 29.12.2018 for onward submission for grant of Stage-II FC. However, due to change in labour wage rate, all the schemens have been revised and approved by the State Forest Deprtment and directed to deposit the differential amounts. Differential amount of Rs. 2.9 Crores has been paid on 20.02.2019. The revised compliance report was submitted to DFO, Keonjhar on 23.02.2019. DFO, Keonjhar forwarded the proposal to RCCF, Rourkela on 25.03.2019. Stage – I FC compliance report was forwarded to Addl. PCCF (N) on 12.04.2019 and forwarded to MoEF&CC on 02.07.2019 for grant of Stage – II FC. Further, MoEFCC asked clarification to Govt of Odisha on 04.10.2019 which is under process. In addition to that, Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. Stage-II FC for 124.313 ha was obtained from MoEF&CC, New Delhi on 29.04.2019.		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 25.03.2019 with validity upto 31.03.2020. Also, Consent to Establish (CTE) for production of 15000 TPA Mn Ore was extended by OSPCB upto 20.12.2023 on 22.05.2019.

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

								Status as on OCT' 2019
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)			ENVIRONMENT CLEARANCE (EC)
	ON	UPTO	(in ha)	APPL.DATE				
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. After subission of Stage- I compliance report to DFO on 02.06.2015 & verification of report, State Govt. forwarded the proposal to MoEFCC, New Delhi on 30.07.2015/23.09.2015 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 forest department on 19.07.2018 & forwarded to MoEFCC, GoJ on 19.11.2018 but same has been returned back to the Govt. of Jharkhand on 28.02.2019 seeking for some clarification especially the acceptance of earlier identified CA land. After meeting with PCCF (Nodal), GoJ on 18.03.2019, it was directed to digitize the forest compartment maps, visit CA sites & find alternate CA lands. After regular follow up at different range, during the month of April & May, 2019, undertaken the process of CA site verification with concerned forest officials & SAIL team. Consequent upon the physical verification of CA lands along with identification of additional CA land, a report on degraded forest land equivalent to 841 Ha under Saranda, Chaibasa and Jamshedpur Forest Divisions were proposed and submitted by Gua Mines to State Forest Department on 24.05.2019 & 25.05.2019 to finalize the CA area. But after re-verification, about 50 % of the proposed area was found suitable. RCCF, Jamshedpur vide its letter dated 19.06.2019 and during the meeting held on 20.06.2019 has directed concerned DFO's to identify degraded forest land for CA. Degraded forest land for CA covering area in respective divisions was identified. Vide letter dated 13.07.2019, DFO Saranda informed CF, Chaibasa regarding the same and advised SAIL to provide kml files of the identified area along-with maps. Preparation of Kml files along-with the maps has been completed on 27.07.2019. After approval of CA scheme by concerned DFOs, forwarded to DFO, Saranda for necessary demand. Thereafter, demand has been raised by DFO, Saranda on 17.08.2019 but not done due to uncertainty in online system of forest department. After processing the proposal at CF & RCCF Office, the complete information was forwarded to PCCF (Nodal), GoJ on 22.08.2019 and further to Addl. Chief Secretary (Dept. of F, E & CC), GoJ on 25.08.2019. Proposal for grant opf Stage-II FC has been forwarded to MOEFCC, New Delhi on 01.10.2019.	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 identification is under progress.	ToR for conduting EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEF&CC on 13.11.17sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018 which is under compliance.		
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFFCC, Ranchi on 16.01.2018 for further necessary action. MoEF&CC, RO, Ranchi vide letter dated 27.02.2019 requested PCCF (Nodal), GoJ to provide certain information in view of the approval of MPSM. The point-wise information was submitted to DFO,Saranda vide letter dated 02.04.2019. After examination of information, DFO,Saranda vide letter dated 27.04.2019 has sought certain clarifications from SAIL which were replied on 22.05.2019.	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-II FC (final approval) has been accorded by Ministry on 04.10.2019.	EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015.		
	Lease period has been extended upto 11.05.2020 by Govt of Jharkhand on 30.10.2019							
	Lease period has been extended upto 08.03.2040 by Govt of Jharkhand on 23.10.2019							

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL							Status as on OCT' 2019	
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)	ENVIRONMENT CLEARANCE (EC)		
	ON	UPTO	(in ha)	APPL.DATE				
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)	EC has been granted by MoEF&CC vide letter no -J-11015/249/2009-IA.II (M) dated 23.03.2011 for enhancement of production capacity to 4.2 MTPA.		
Ajitaburu	07.12.47	06.12.77	323.887	04.12.06 (2nd RML)		EC has been granted by MoEF&CC vide letter no - J-11015/505/ 2007-IA.II (M) dated 31.03.2011 for enhancement of production capacity to 2.8 MTPA.		
Sukri - Latur	22.03.49	21.03.79	609.554	11.03.08 (2nd RML)	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. After verification at different level, the information was forwarded to MoEFCC by Govt. of Jharkhand on 07.06.2019.	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		
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 & job is under progress.	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. CTO of Barsua Railway siding has been granted on 30.03.2019 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 is under process.	MoEFCC vide letter dated 11.09.2018 accorded TOR and directed to submit EIA/EMP report based on the prescribed TOR. Job is under process for submission to OSPCB for conducting Public Hearing.		
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 OCT' 2019
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)	ENVIRON. CLEARANCE (EC)
	ON	UPTO	(in ha)	APPL.DATE		
BHAWANATHPUR						
GORGON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgaon, Ghagra & Saraiya leases has been approved by SAIL-Board 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. Vide letters dated 15.10.18, the reply to the IBM query was submitted on 18.10.18.SAIL official met IBM official, Ranchi on 31.01.19 & 01.02.19 for approval of FMCP wherein IBM directed to submit the Geological Report of three leases for further processing of FMCP's. Geological Reports of three leases were submitted to IBM on 25.02.19 for grant of FMCP. IBM, Ranchi approved the FMCP's for Gorgaon on 08.05.19 and Ghagra & Saraiya leases on 09.05.19. A request letter was submitted to DC, Garhwa through DMO, Garhwa on 15.05.2019 for surrender of Bhawanathpur leases as per Rule 21 (1) of MCR, 2016. Also, another request letter was submitted to Secy (Mines & Geo) on 23.05.2019 for final surrender of Bhawanathpur leases. The completion of approved job related to closure plan is under process.	
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)		
SARAIYA	31.03.66	31.03.20	275	01.03.07 (3rd RML)		
PURNAPANI	06.01.80	31.03.20	230.525	30.12.98	No forest land involved	Non-working lease. No EC
GHATITANGAR	29.04.80	28.04.00	153.51	16.04.99	Writ petitions were heard at different dates by the Hon'ble High Court of Orissa which was finally heard on 06.08.2019. The Hon'ble High Court has disposed of the two writ petitions filed by SAIL and asked to makes a representation to State Govt. for redressal of its grievances.	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 for 0.06 MTPA production granted on 10.04.2016. CTO renewed by MPPCB on 02.09.2019 with validity up to 31.07.2021.
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. DFO, Garhwa informed SAIL-BNP Mines vide its letter dated 25.03.19 that the validity of FC is co-terminus with lease period i.e. upto 31.03.2020 and further directed to submit the online FC renewal application. FC renewal application (FORM-B) was submitted online in MoEFCC portal on 29.03.19. Thereafter, clarification asked on 16.04.2019 which was replied on 01.06.2019 in online. Also, a clarification has been sought from PCCF & HOFF, GoJ by SAIL on 03.05.19, regarding extension of period of validity of FC granted under Section 2(ii) of FC Act, 1980 for the lease.	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.EAC meeting held on 23.01.2019 wherein committee members did not consider the EC granted to mine in 1995. MoEF&CC vide letter dated 19.03.2019 returned the EC proposal and informed that project proponent had not taken EC under the provisions of EIA Notification, 2006 at the time of renewal of mining lease due in 2009. Further, MoEFCC vide separate letters dated 19.03.2019 informed Secretary (Dept. of Mines & Geo), GoJ and Secretary (Dept. of F, E & CC), GoJ for taking further necessary action. In order to avoid any coercive action on account of directions issued by MoEFCC vide letter dtd 19.03.2019 to Jharkhand State Government, Writ Petitions have been filed in Jharkhand High Court on 18.05.2019. No notice has been served by Jharkhand Govt. in the matter till date.

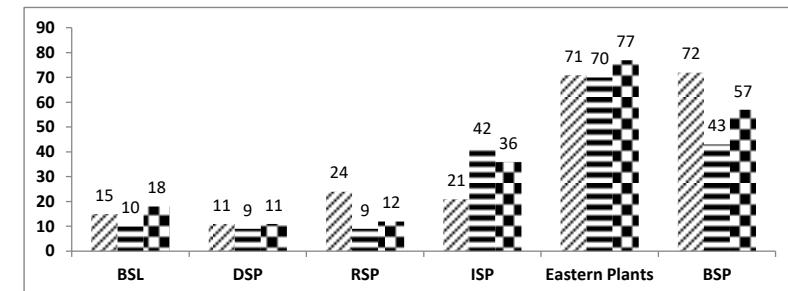
IRON ORE STOCK INVENTORY BEHAVIOUR

October 2019

IRON ORE LUMP

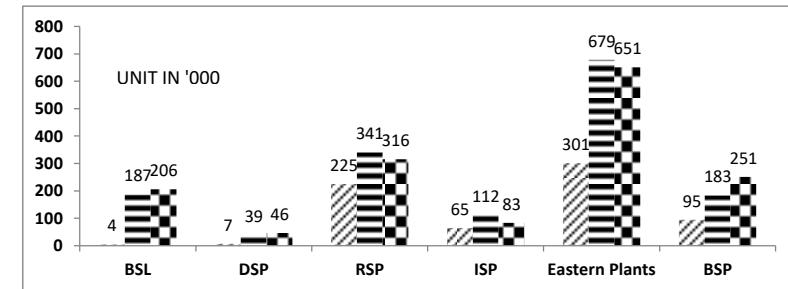
UNIT: '000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.10.2019	MTH	CUM	MTH	CUM	01.11.2019	MTH	YR
BSL	15	10	179	1493	185	1463	18	8	3
DSP	11	9	105	809	110	816	11	2	0
RSP	24	9	196	1352	155	1066	12	3	-12
ISP	21	42	82	598	86	562	36	-6	15
Eastern Plants	71	70	562	4252	536	3907	77	7	6
BSP	72	43			254	1835	57	14	-15
TOT	214	183	1125	8504	1326	9649	211	28	-3



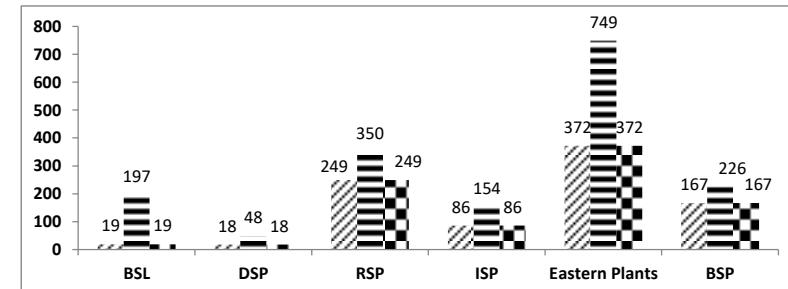
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.10.2019	MTH	CUM	MTH	CUM	01.11.2019	MTH	YR
BSL	4	187	350	2520	365	2458	206	19	202
DSP	7	39	205	1512	198	1473	46	7	39
RSP	225	341	347	2250	335	2319	316	-25	91
ISP	65	112	219	1696	264	1900	83	-29	18
Eastern Plants	301	679	1122	7977	1162	8150	651	-28	350
BSP	95	183	<u>89</u>	<u>470</u>	389	2606	251	68	156
TOT	697	1541	2333	16425	2713	18906	1553	12	856



IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2019	01.10.2019	MTH	CUM	MTH	CUM	01.11.2019	MTH	YR
BSL	19	197	529	4013	550	3921	224	27	205
DSP	18	48	311	2321	308	2289	57	9	39
RSP	249	350	543	3601	490	3385	328	-22	79
ISP	86	154	301	2294	350	2462	119	-35	33
Eastern Plants	372	749	1684	12229	1698	12057	728	-21	356
BSP	167	226	<u>89</u>	<u>470</u>	643	4441	308	82	141
TOT	911	1724	3458	24929	4039	28555	1764	40	853



* BSP RECEIPT FROM RMD MINES

PRODUCTION PERFORMANCE

October 2019

हॉट मेटल

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Oct 2018	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	395	313	79	342	-9	2687	2389	89	2403	-1
दूर्गापूर	228	175	77	225	-22	1510	1353	90	1461	-7
राऊरकेला	331	289	87	289	0	2360	2054	87	2159	-5
बर्नपूर	235	195	83	166	17	1580	1344	85	1062	27
पूर्वी इस्पात संयंत्र	1189	972	82	1023	-5	8137	7140	88	7084	1
भिलाई	552	382	69	436	-12	3597	2738	76	2617	5
TOTAL	1741	1354	78	1459	-7	11734	9877	84	9702	2

सिन्तर

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Oct 2018	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	558	476	85	456	4	3334	3389	102	3402	0
दूर्गापूर	302	252	83	308	-18	1970	1840	93	1979	-7
राऊरकेला	540	485	90	474	2	3831	3418	89	3571	-4
बर्नपूर	340	283	83	269	5	2285	2037	89	1642	24
पूर्वी इस्पात संयंत्र	1740	1496	86	1508	-1	11420	10683	94	10593	1
भिलाई	800	566	71	611	-7	5245	4103	78	3850	7
TOTAL	2540	2061	81	2119	-3	16665	14786	89	14443	2

IRON ORE RECEIPTS

FIGS IN '000 T

FOR THE MONTH OF

October 2019

Lump Receipt									
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	MPR	TOT
BSL	7	34	30	46	44	0	0	4	165
DSP	0	0	86	0	0	0	19	0	105
RSP	70	52	0	0	0	7	0	16	146
ISP	0	0	26	0	0	0	45	0	71
BSP	0	0	0	0	0	0	0	0	0
TOT	78	86	142	46	44	7	64	20	487

TILL THE MONTH OF

October 2019

Lump Receipt									
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	MPR	TOT
BSL	80	269	373	315	131	4	26	118	1314
DSP	0	3	518	0	0	0	183	0	704
RSP	481	265	0	0	20	346	0	44	1156
ISP	0	0	237	0	0	0	275	3	516
BSP	0	0	0	0	0	0	0	0	0
TOT	560	537	1128	315	151	350	483	166	3690

Fines Receipt

	KBR	MBR	BOL	BAR	TAL	KAL	GUA	MPR	TOT
BSL	106	55	31	60	29	0	0	8	289
DSP	0	0	143	0	0	0	30	0	173
RSP	112	97	0	0	20	0	11	28	269
ISP	0	40	93	0	0	0	123	0	256
BSP	4	0	0	0	0	0	50	0	53
TOT	221	193	267	60	49	0	213	36	1039

Fines Receipt

	KBR	MBR	BOL	BAR	TAL	KAL	GUA	MPR	TOT
BSL	675	528	287	443	65	37	73	62	2170
DSP	0	86	882	0	0	0	339	0	1307
RSP	685	756	0	0	112	251	11	88	1902
ISP	0	187	630	0	0	0	657	3	1477
BSP	184	0	0	0	0	0	194	3	381
TOT	1544	1557	1799	443	177	288	1273	156	7237

Total Receipt

	KBR	MBR	BOL	BAR	TAL	KAL	GUA	MPR	TOT
BSL	113	89	61	106	73	0	0	12	453
DSP	0	0	229	0	0	0	49	0	278
RSP	182	149	0	0	20	7	11	45	414
ISP	0	40	119	0	0	0	167	0	327
BSP	4	0	0	0	0	0	50	0	53
TOT	299	279	409	106	93	7	277	57	1526

Total Receipt

	KBR	MBR	BOL	BAR	TAL	KAL	GUA	MPR	TOT
BSL	755	797	660	758	196	41	98	180	3485
DSP	0	90	1400	0	0	0	521	0	2010
RSP	1165	1021	0	0	132	597	11	132	3058
ISP	0	187	868	0	0	0	932	7	1992
BSP	184	0	0	0	0	0	194	3	381
TOT	2104	2094	2927	758	328	637	1756	322	10926

IRON ORE RECEIPTS FOR THE MONTH OF October 2019

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	22	53	15	36	37		1		16		179
DSP				105							105
RSP	85	47				51			14		196
ISP				26			56				82
BSP											
TOT	106	99	146	36	37	51	57		29		562

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	86	78	15	107	33	12	2		16		350
DSP		18	179				8				205
RSP	114	108		35	22	33			35		347
ISP		32	66				121				219
BSP	19						70				89
TOT	219	236	260	142	56	45	202		51		1211

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	107	130	31	143	70	12	3		32		529
DSP		18	284				8				311
RSP	199	155		35	22	84			49		543
ISP		32	92				178				301
BSP	19						70				89
TOT	325	335	407	178	92	96	260		81		1773

IRON ORE RECEIPTS TILL THE MONTH OF October 2019

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	101	322	388	351	167	4	26		134		1493
DSP		3	623				183				809
RSP	565	311			20	397			58		1352
ISP			263				331		3		598
BSP											
TOT	667	636	1274	351	188	400	540		195		4252

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	761	605	303	549	99	49	75		78		2520
DSP		105	1061				347				1512
RSP	799	864		35	134	284	11		123		2250
ISP		218	696				778		3		1696
BSP	203						265		3		470
TOT	1763	1792	2060	584	233	333	1476		207		8448

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	862	927	691	901	266	53	101		212		4013
DSP		108	1684				530				2321
RSP	1364	1176		35	154	680	11		181		3601
ISP		218	959				1109		7		2294
BSP	203						265		3		470
TOT	2430	2429	3334	936	420	733	2016		402		12700

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	Oct-19	Km	Oct-19	Km	Oct-19	Km	Oct-19	Km	Oct-19
KRBU(N/B) (FOS)	371	666.60	409	747.70	90	203.50	377	706.90	539	951.20
KRBU(O/B) (SOBK)	371	666.60	409	747.70	90	203.50	377	706.90	539	951.20
MBR (SSMK)	371	666.60	409	747.70	90	203.50	377	706.90	539	951.20
BOLANI (BYFS)	272	508.70	318	587.20	223	467.80	286	549.10	673	1193.30
BARSUA (PBSB)	342	626.90	389	706.90	69	203.50	356	666.60	519	951.20
ROXY (HLSR)	332	626.90	379	706.90	59	203.50	346	626.90	509	951.20
GUA (ISCG)	265	508.70	311	587.20	216	426.80	279	549.10	665	1193.30
MANOHARPUR (IISM)	241	467.60	287	549.10	33	203.50	255	508.70	483	869.20
DALLIRAJHARA (DRZ)	827	1433.00	871	1512.10	533	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	Oct-19	Km	Oct-19	Km	Oct-19	Km	Oct-19	Km	Oct-19
BHAWANATHPUR (PSBS)	369	585.80	491	763.80	559	907.30	459	727.40	909	1398.20
KHANABANJARI (BLSG)	712	1119.70	834	1259.30	675	1048.70	802	1259.30	496	763.80

LEAN SEASON FREIGHT IN RS PER TONNE FOR TRAIN LOAD (DPO-15%)

	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	Oct-19	Km	Oct-19	Km	Oct-19	Km	Oct-19	Km	Oct-19
KRBU(N/B) (FOS)	371	804.92	409	902.85	90	245.73	377	853.58	539	1148.57
KRBU(O/B) (SOBK)	371	804.92	409	902.85	90	245.73	377	853.58	539	1148.57
MBR (SSMK)	371	804.92	409	902.85	90	245.73	377	853.58	539	1148.57
BOLANI (BYFS)	272	614.26	318	709.04	223	564.87	286	663.04	673	1440.91
BARSUA (PBSB)	342	756.98	390	853.58	69	245.73	356	804.92	519	1148.57
ROXY (HLSR)	332	756.98	379	853.58	59	245.73	346	756.98	509	1148.57
GUA (ISCG)	265	614.26	311	709.04	216	515.36	279	663.04	665	1440.91
MANOHARPUR (IISM)	241	564.63	287	663.04	33	245.73	255	614.26	483	1049.56
DALLIRAJHARA (DRZ)	827	1730.35	871	1825.86	533	1148.57	832	1730.35	83	245.73

	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	Oct-19	Km	Oct-19	Km	Oct-19	Km	Oct-19	Km	Oct-19
BHAWANATHPUR (PSBS)	369	707.35	491	922.29	559	1095.56	459	878.34	909	1688.33
KHANABANJARI (BLSG)	712	1352.04	834	1520.60	675	1266.31	802	1520.60	496	922.29